

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080457.D
 Acq On : 13 Dec 2023 13:19
 Operator : JC\MD
 Sample : VN1213WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2023
 Supervised By : Mahesh Dadoda 12/14/2023

Quant Time: Dec 14 04:05:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	298732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	465232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	411156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	201410	52.787	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.580%			
35) Dibromofluoromethane	8.165	113	152655	51.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.500%			
50) Toluene-d8	10.565	98	567294	51.567	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.853	95	198859	47.604	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	72056	18.875	ug/l	100
3) Chloromethane	2.359	50	69327	17.078	ug/l	98
4) Vinyl Chloride	2.518	62	55228	16.940	ug/l	99
5) Bromomethane	2.959	94	26304	17.895	ug/l	95
6) Chloroethane	3.124	64	35456	16.925	ug/l	100
7) Trichlorofluoromethane	3.500	101	122994	18.600	ug/l	99
8) Diethyl Ether	3.953	74	36532	17.540	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	56630	18.068	ug/l	92
10) Methyl Iodide	4.594	142	43971	15.950	ug/l	97
11) Tert butyl alcohol	5.500	59	41693m	92.783	ug/l	
12) 1,1-Dichloroethene	4.336	96	55519	17.288	ug/l	93
13) Acrolein	4.171	56	43964	89.337	ug/l	97
14) Allyl chloride	5.024	41	74776	18.819	ug/l	96
15) Acrylonitrile	5.718	53	115033	90.599	ug/l	98
16) Acetone	4.424	43	92966	137.416	ug/l	99
17) Carbon Disulfide	4.706	76	151462	16.642	ug/l	98
18) Methyl Acetate	5.024	43	79624	18.291	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	198661	18.542	ug/l	95
20) Methylene Chloride	5.283	84	63744	17.606	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	61435	17.643	ug/l	91
22) Diisopropyl ether	6.665	45	160542	18.721	ug/l	95
23) Vinyl Acetate	6.606	43	428908	87.082	ug/l	93
24) 1,1-Dichloroethane	6.571	63	110517	18.471	ug/l	99
25) 2-Butanone	7.483	43	135042	103.617	ug/l	94
26) 2,2-Dichloropropane	7.488	77	111074	18.155	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	70661	17.927	ug/l	89
28) Bromochloromethane	7.806	49	39369	17.137	ug/l	96
29) Tetrahydrofuran	7.835	42	84716	90.775	ug/l	94
30) Chloroform	7.965	83	123516	18.598	ug/l	90
31) Cyclohexane	8.253	56	88625	17.080	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	120558	18.540	ug/l	98
36) 1,1-Dichloropropene	8.371	75	89260	18.507	ug/l	97
37) Ethyl Acetate	7.559	43	55950	18.525	ug/l	99
38) Carbon Tetrachloride	8.365	117	107563	18.664	ug/l	98
39) Methylcyclohexane	9.600	83	86971	17.358	ug/l	95
40) Benzene	8.606	78	256124	18.390	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32759	18.814	ug/l	92
42) 1,2-Dichloroethane	8.671	62	102601	19.894	ug/l	97
43) Isopropyl Acetate	8.688	43	98290	18.100	ug/l	98
44) Trichloroethene	9.353	130	66895	17.817	ug/l	97
45) 1,2-Dichloropropane	9.624	63	58940	18.019	ug/l	100
46) Dibromomethane	9.712	93	44590	18.982	ug/l	92
47) Bromodichloromethane	9.888	83	96067	19.082	ug/l	99
48) Methyl methacrylate	9.682	41	57958	17.885	ug/l	90
49) 1,4-Dioxane	9.694	88	18057	367.617	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	277045	92.634	ug/l	99
52) Toluene	10.629	92	163980	18.638	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	101105	18.561	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	106032	18.212	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	61283	19.358	ug/l	96
56) Ethyl methacrylate	10.876	69	63096	18.002	ug/l	93
57) 1,3-Dichloropropane	11.165	76	104444	18.820	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	179696	81.211	ug/l	99
59) 2-Hexanone	11.194	43	206574	93.561	ug/l	100
60) Dibromochloromethane	11.359	129	71623	19.092	ug/l	99
61) 1,2-Dibromoethane	11.470	107	61725	18.838	ug/l	96
64) Tetrachloroethene	11.106	164	55757	17.564	ug/l	98
65) Chlorobenzene	11.894	112	169375	18.518	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	66329	18.482	ug/l	94
67) Ethyl Benzene	11.965	91	305584	18.170	ug/l	97
68) m/p-Xylenes	12.070	106	227480	36.605	ug/l	89
69) o-Xylene	12.400	106	110283	18.143	ug/l	89
70) Styrene	12.412	104	161349	18.428	ug/l	92
71) Bromoform	12.582	173	47307	18.076	ug/l #	98
73) Isopropylbenzene	12.694	105	285682	18.669	ug/l	99
74) N-amyl acetate	12.494	43	80138	17.934	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	75248	18.351	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	71641m	18.852	ug/l	
77) Bromobenzene	12.982	156	70348	18.688	ug/l	96
78) n-propylbenzene	13.035	91	316086	18.735	ug/l	100
79) 2-Chlorotoluene	13.123	91	206927	18.786	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	247015	18.743	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	25689	17.749	ug/l #	80
82) 4-Chlorotoluene	13.223	91	205043	18.110	ug/l	97
83) tert-Butylbenzene	13.441	119	200846	18.608	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	245603	18.733	ug/l	98
85) sec-Butylbenzene	13.617	105	252050	18.256	ug/l	99
86) p-Isopropyltoluene	13.729	119	225275	18.070	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	116725	17.599	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	117231	17.510	ug/l	96
89) n-Butylbenzene	14.059	91	181591	17.443	ug/l	99
90) Hexachloroethane	14.335	117	37561	18.972	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	113148	17.966	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16449	19.071	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	63879	18.268	ug/l	99
94) Hexachlorobutadiene	15.500	225	32628	16.390	ug/l	99
95) Naphthalene	15.641	128	186356	17.551	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	61008	18.080	ug/l	100

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ClientSampleId :
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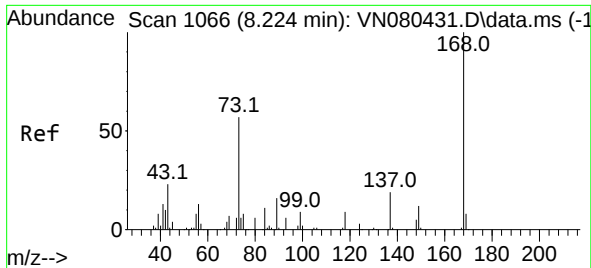
Manual Integrations
APPROVED

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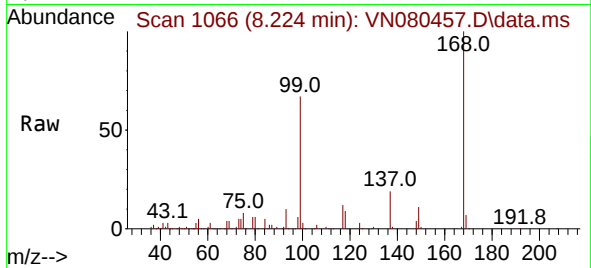
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080457.D
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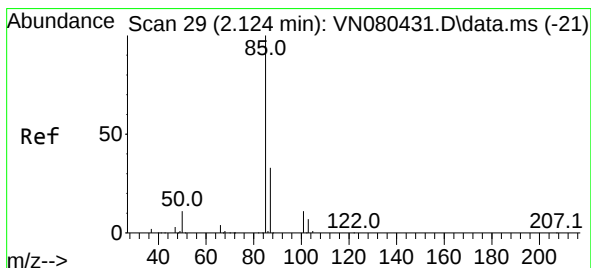
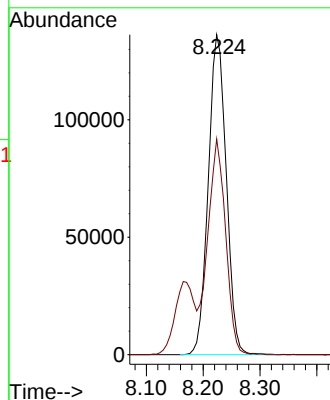
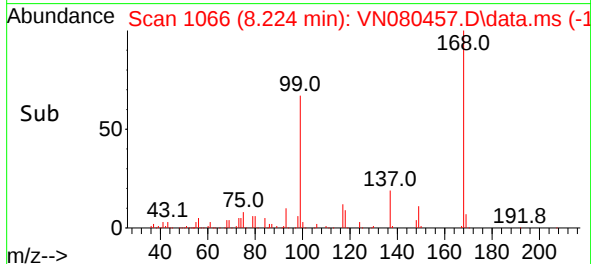
Instrument :
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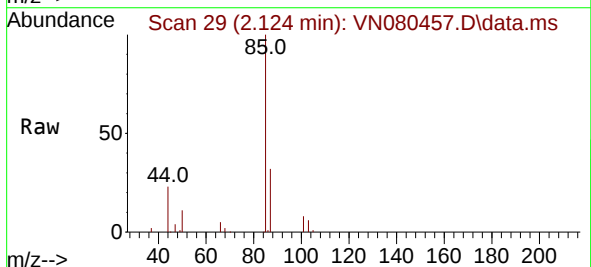
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Ion Ratio Lower Upper
168 100
99 67.4 53.0 79.6

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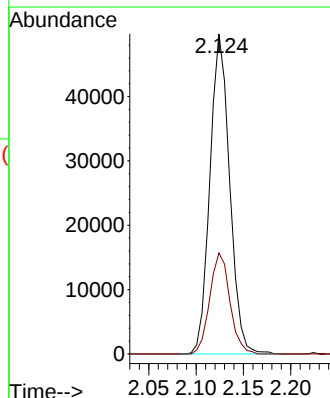
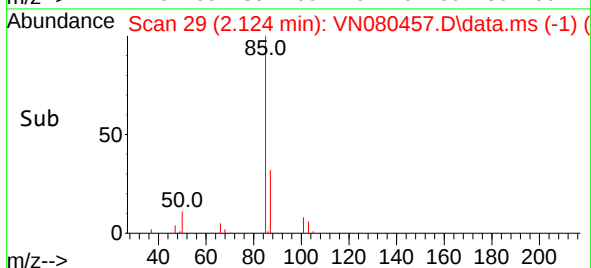
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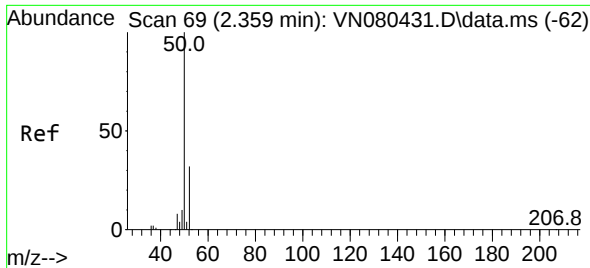


#2
Dichlorodifluoromethane
Concen: 18.875 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19



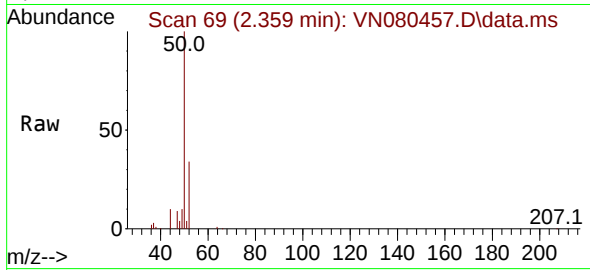
Tgt Ion: 85 Resp: 72056
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





#3
Chloromethane
Concen: 17.078 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

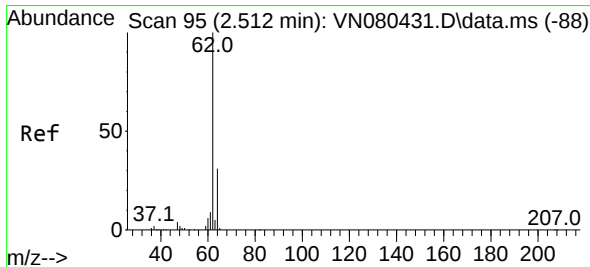
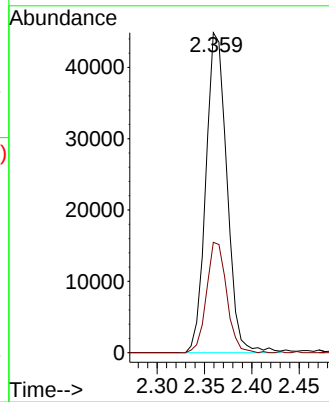
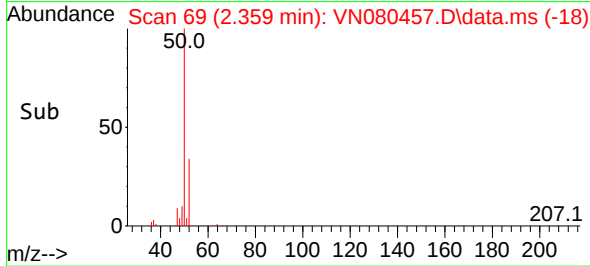
Instrument :
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Tgt Ion: 50 Resp: 6932
Ion Ratio Lower Upper
50 100
52 34.5 26.5 39.7

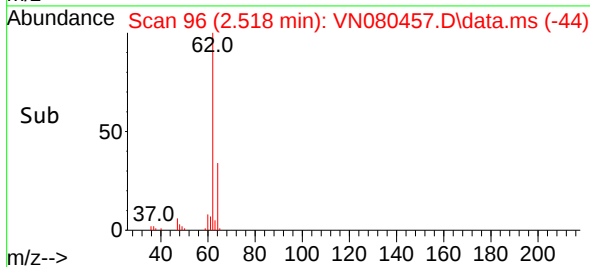
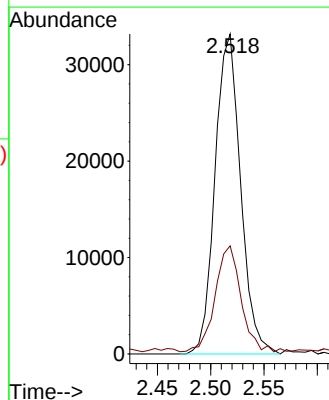
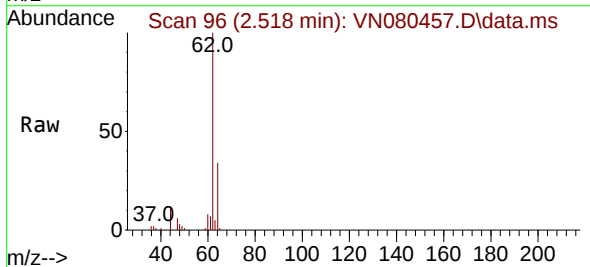
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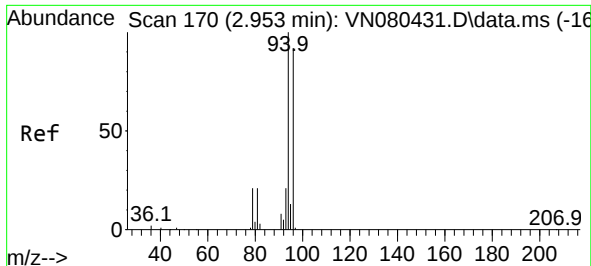
Reviewed By :John Carlone 12/14/2023
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#4
Vinyl Chloride
Concen: 16.940 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

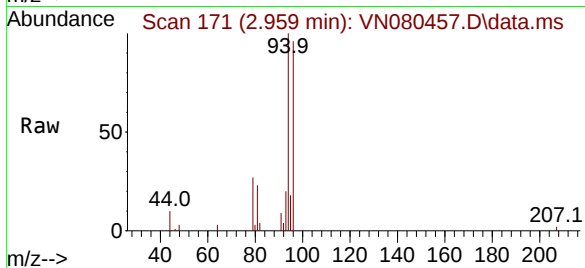
Tgt Ion: 62 Resp: 55228
Ion Ratio Lower Upper
62 100
64 33.1 26.2 39.2





#5
Bromomethane
Concen: 17.895 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

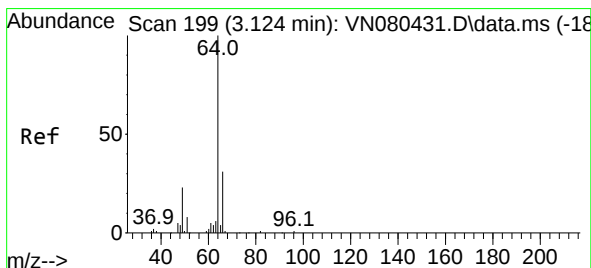
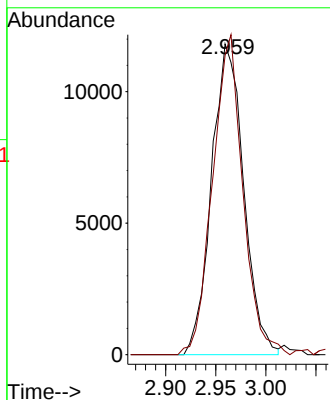
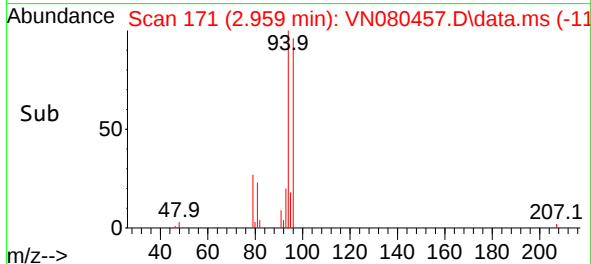
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Tgt Ion: 94 Resp: 26304
Ion Ratio Lower Upper
94 100
96 96.3 73.1 109.7

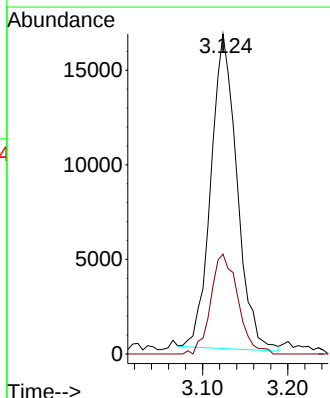
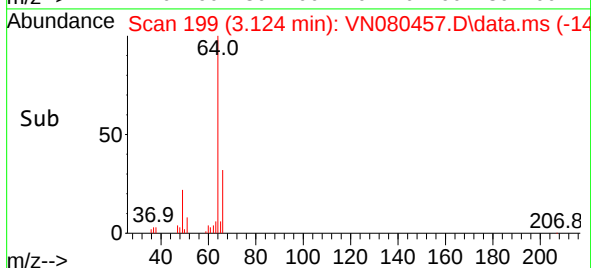
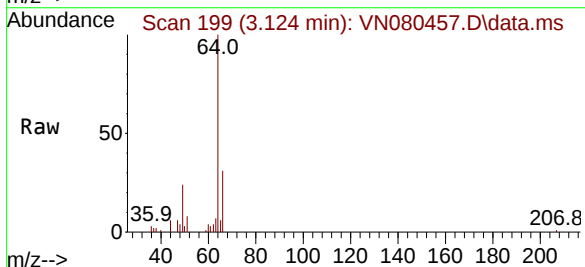
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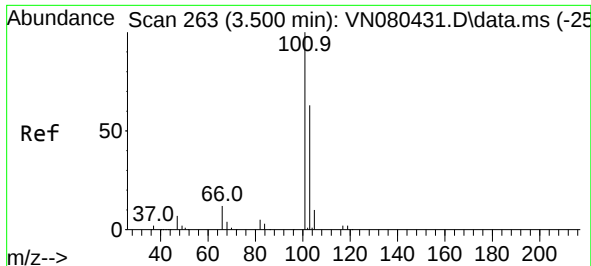
Reviewed By :John Carlone 12/14/2023
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#6
Chloroethane
Concen: 16.925 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
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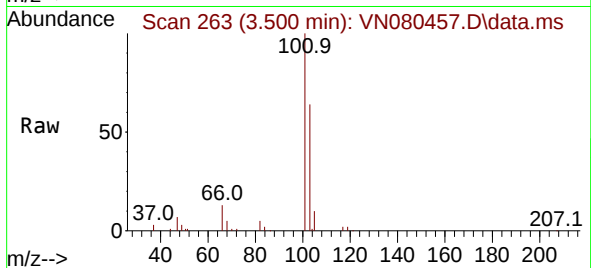
Tgt Ion: 64 Resp: 35456
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2





#7
Trichlorofluoromethane
Concen: 18.600 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN080457.D
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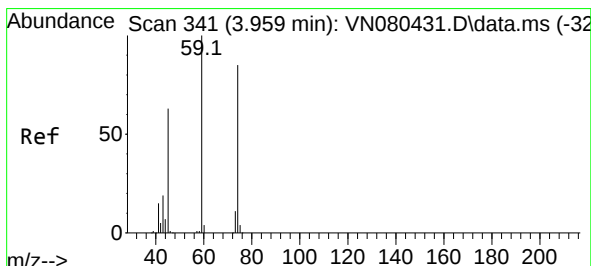
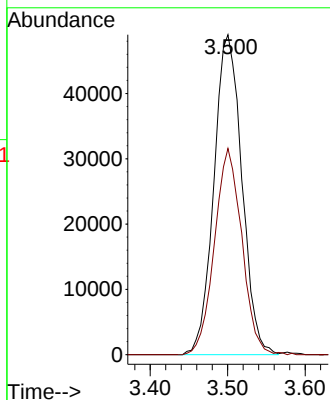
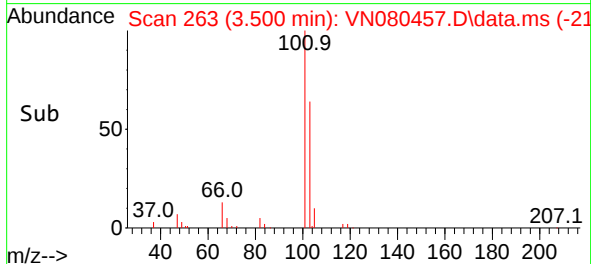
Instrument :
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Tgt Ion:101 Resp: 122994
Ion Ratio Lower Upper
101 100
103 64.4 50.7 76.1

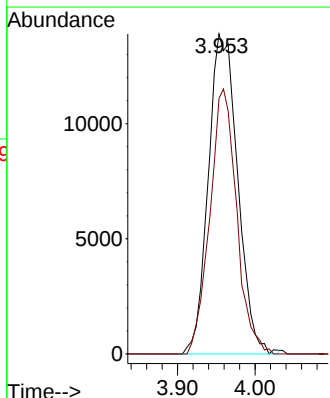
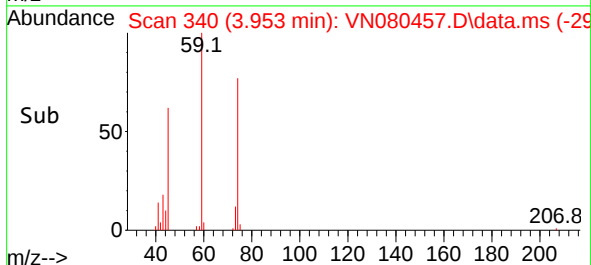
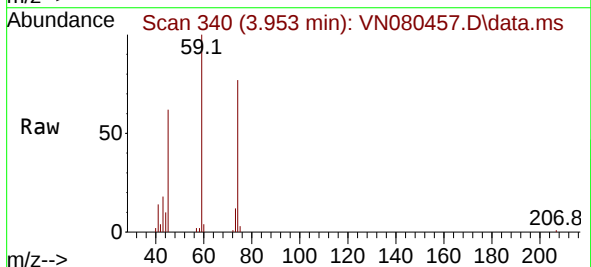
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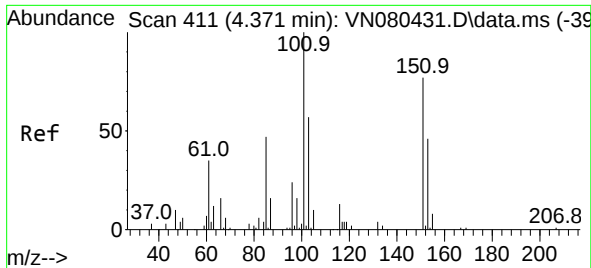
Reviewed By :John Carlone 12/14/2023
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#8
Diethyl Ether
Concen: 17.540 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 36532
Ion Ratio Lower Upper
74 100
45 75.7 34.4 103.3





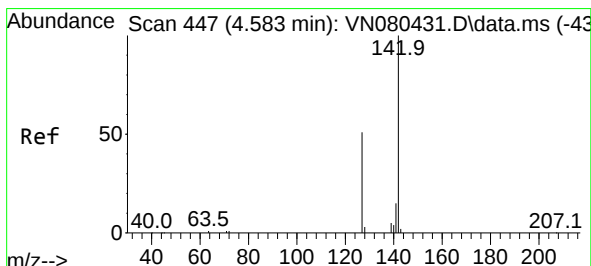
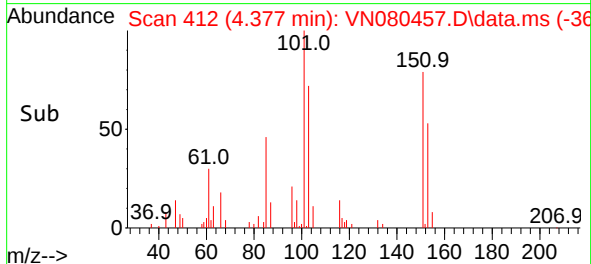
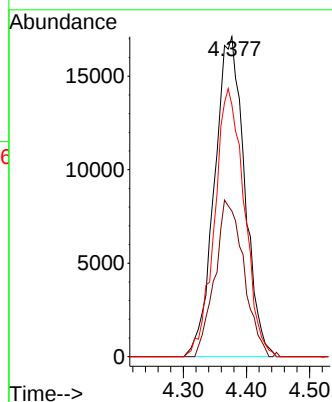
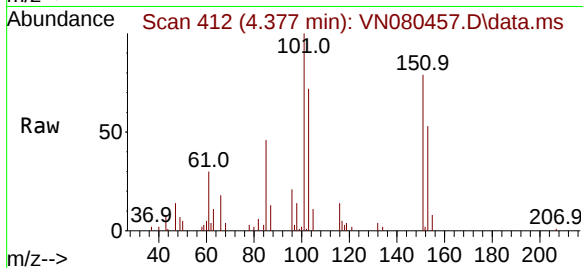
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.068 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01

Tgt Ion:101 Resp: 56630
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 82.4 57.6 86.4

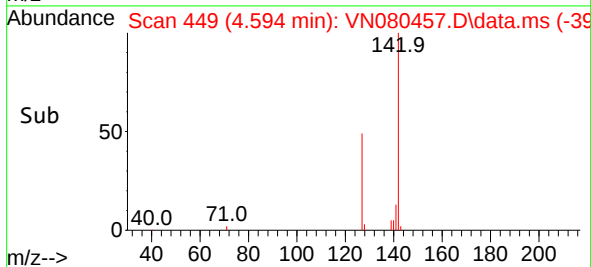
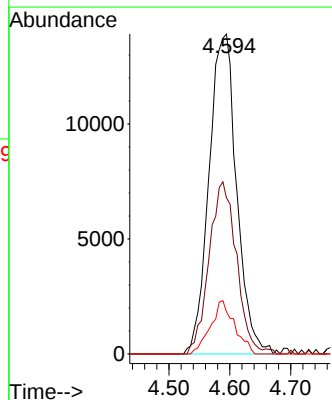
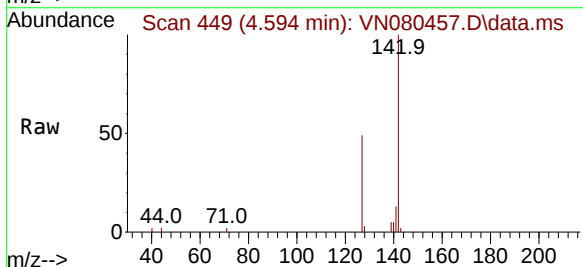
Manual Integrations
APPROVED

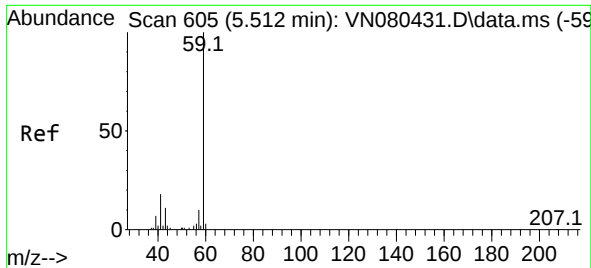
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#10
Methyl Iodide
Concen: 15.950 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Tgt Ion:142 Resp: 43971
Ion Ratio Lower Upper
142 100
127 48.8 37.6 56.4
141 13.2 11.4 17.0





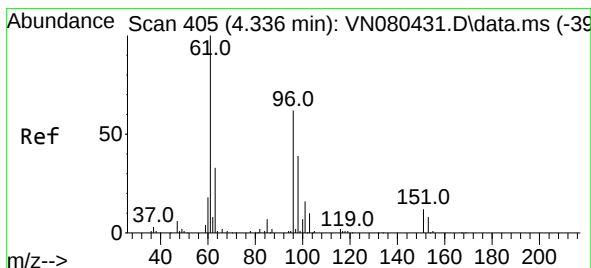
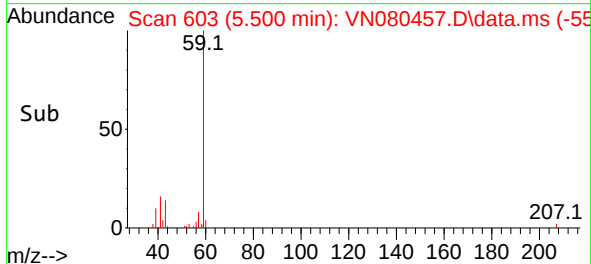
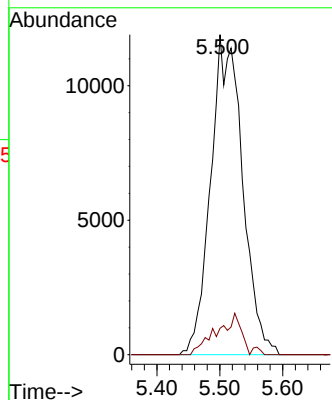
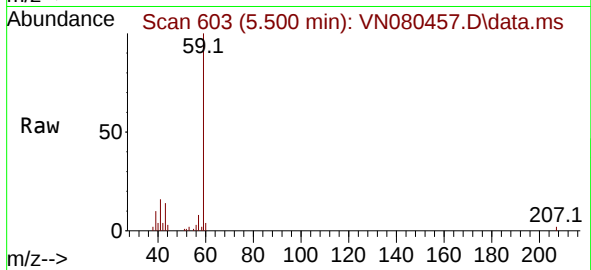
#11
Tert butyl alcohol
Concen: 92.783 ug/l m
RT: 5.500 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01

Tgt Ion: 59 Resp: 4169
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4

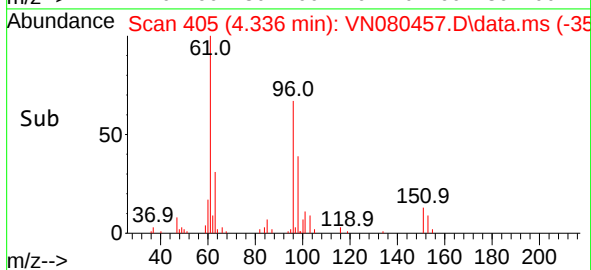
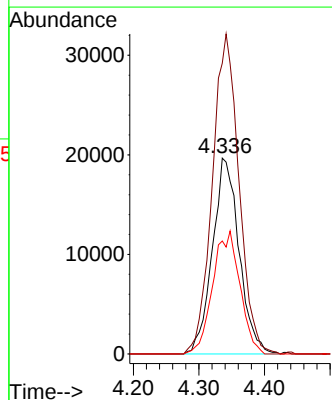
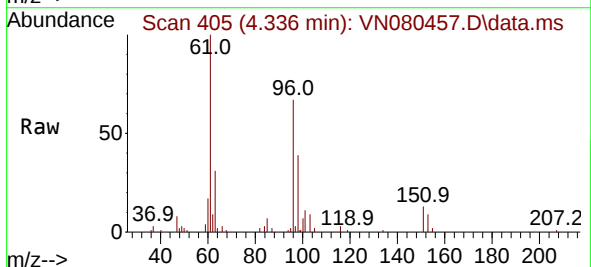
Manual Integrations
APPROVED

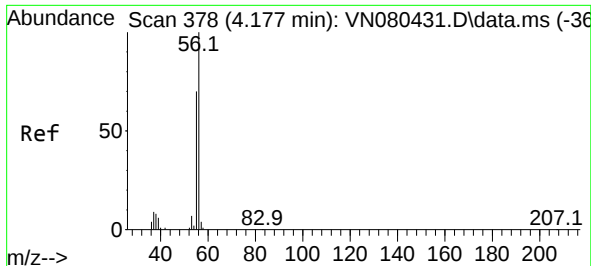
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#12
1,1-Dichloroethene
Concen: 17.288 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Tgt Ion: 96 Resp: 55519
Ion Ratio Lower Upper
96 100
61 148.4 112.7 169.1
98 57.7 51.2 76.8





#13

Acrolein

Concen: 89.337 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

Tgt Ion: 56 Resp: 43964

Ion Ratio Lower Upper

56 100

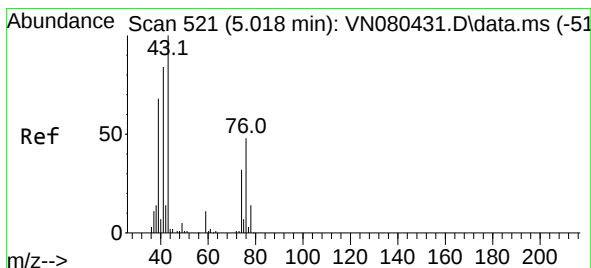
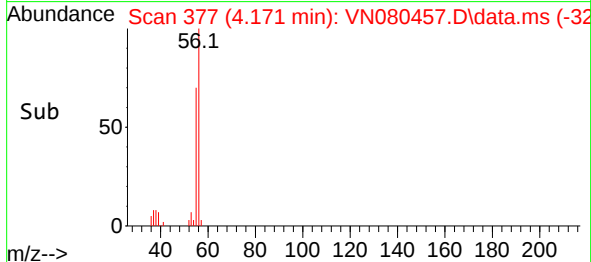
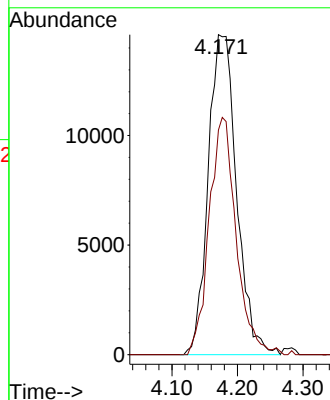
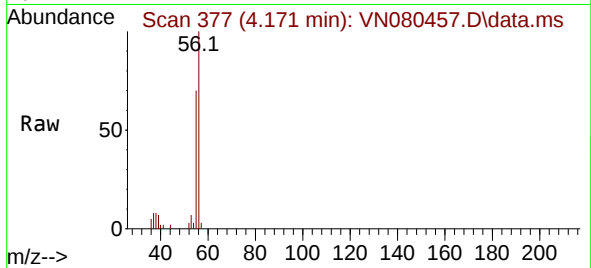
55 70.5 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#14

Allyl chloride

Concen: 18.819 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

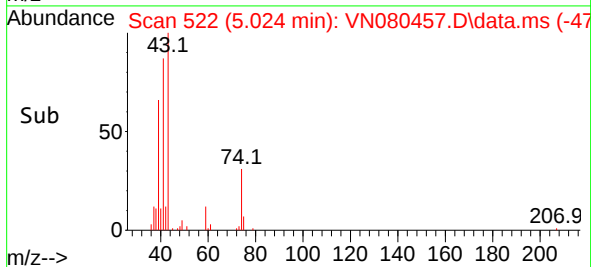
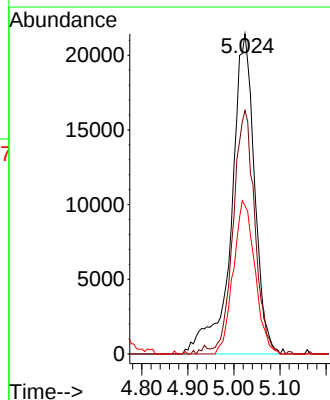
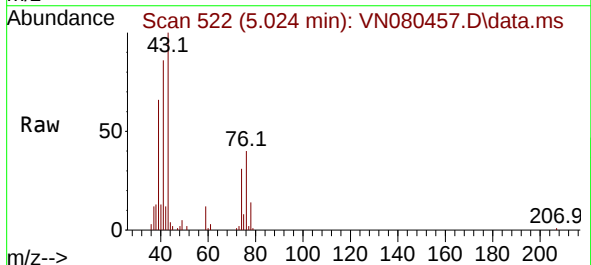
Tgt Ion: 41 Resp: 74776

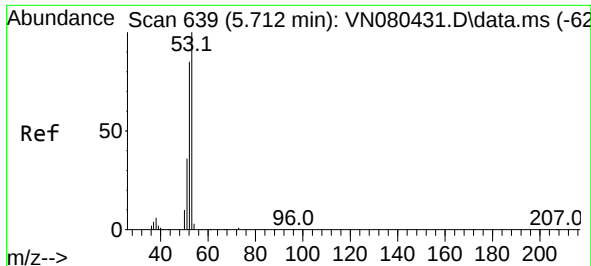
Ion Ratio Lower Upper

41 100

39 70.7 58.8 88.2

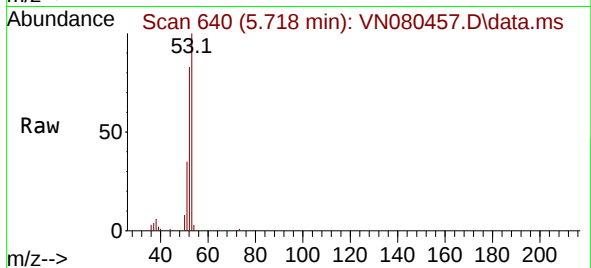
76 44.7 39.1 58.7





#15
Acrylonitrile
Concen: 90.599 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

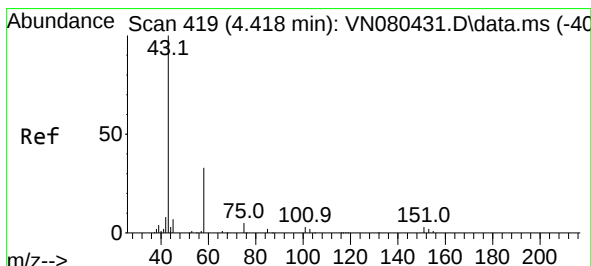
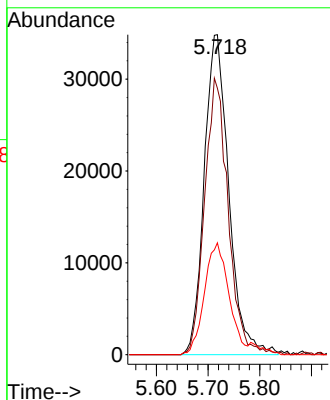
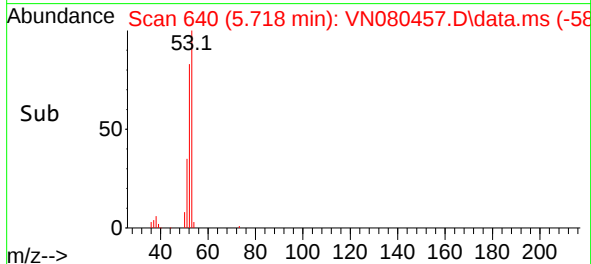
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 53 Resp: 11503
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 34.8 28.9 43.3

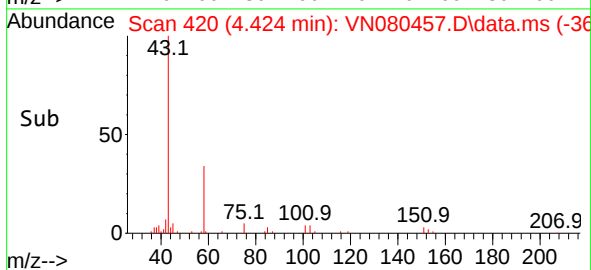
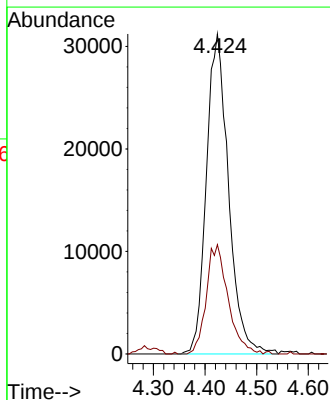
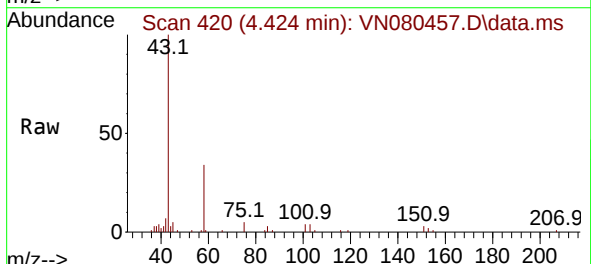
Manual Integrations
APPROVED

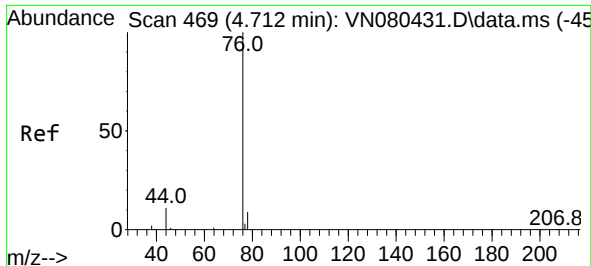
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#16
Acetone
Concen: 137.416 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

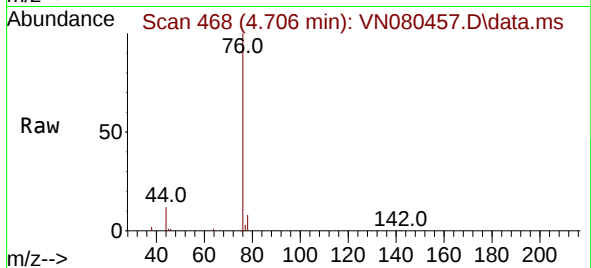
Tgt Ion: 43 Resp: 92966
Ion Ratio Lower Upper
43 100
58 34.1 28.0 42.0





#17
Carbon Disulfide
Concen: 16.642 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

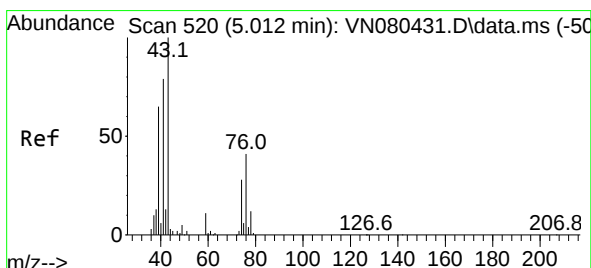
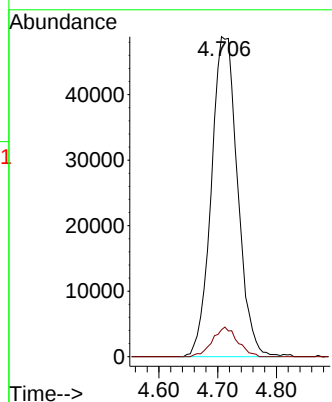
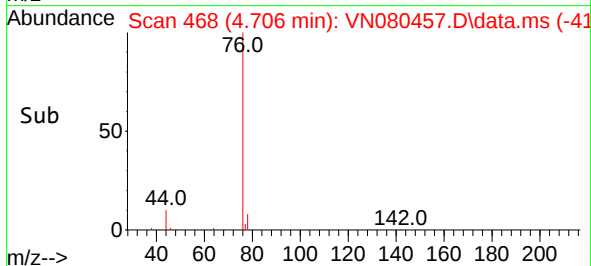
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 76 Resp: 151462
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

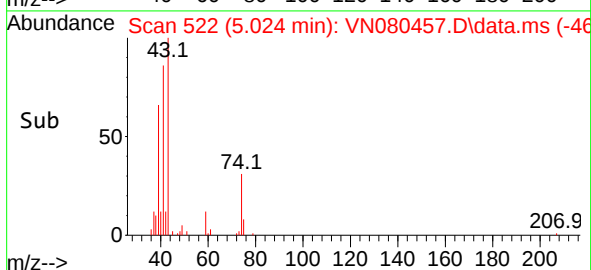
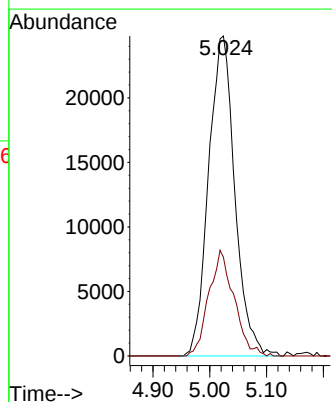
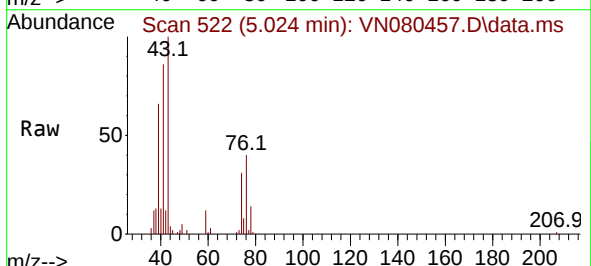
Manual Integrations
APPROVED

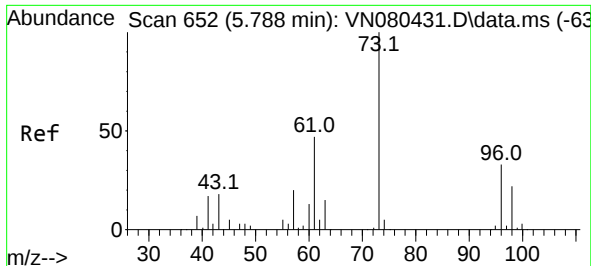
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#18
Methyl Acetate
Concen: 18.291 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Tgt Ion: 43 Resp: 79624
Ion Ratio Lower Upper
43 100
74 31.8 26.2 39.4





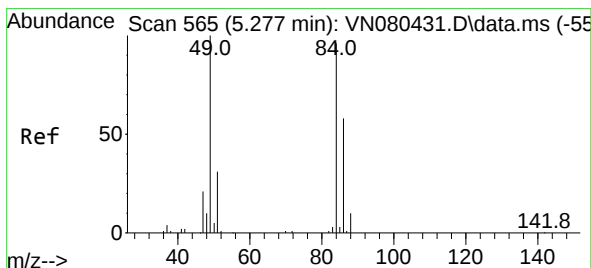
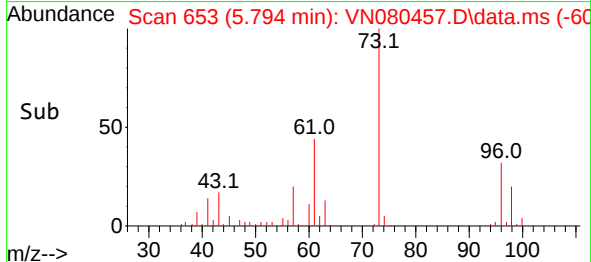
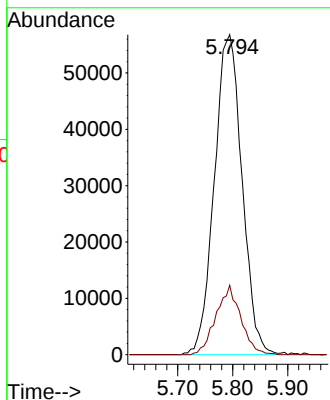
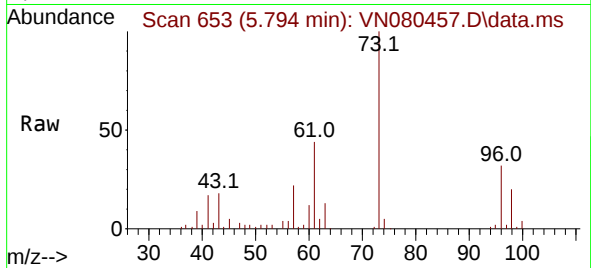
#19
Methyl tert-butyl Ether
Concen: 18.542 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01

Tgt Ion: 73 Resp: 19866
Ion Ratio Lower Upper
73 100
57 21.7 15.6 23.4

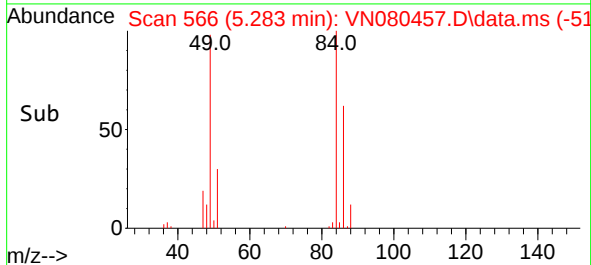
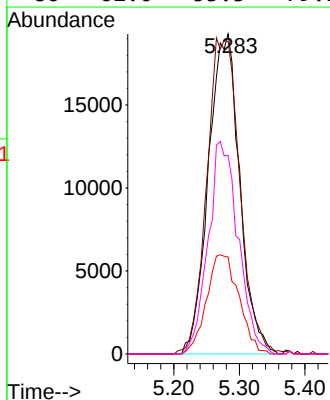
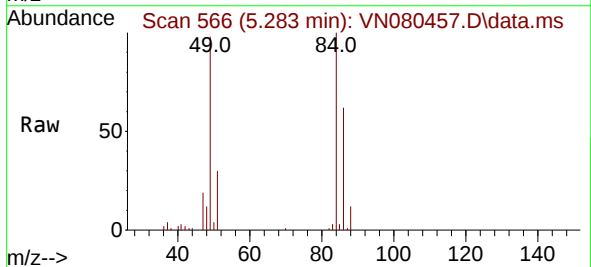
Manual Integrations
APPROVED

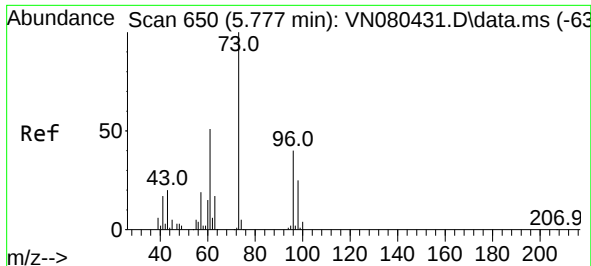
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#20
Methylene Chloride
Concen: 17.606 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

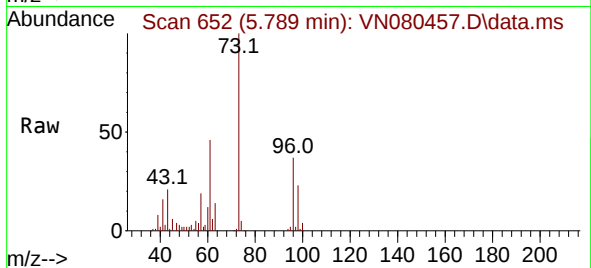
Tgt Ion: 84 Resp: 63744
Ion Ratio Lower Upper
84 100
49 96.7 79.7 119.5
51 30.3 25.2 37.8
86 62.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.643 ug/l
RT: 5.789 min Scan# 6143
Delta R.T. 0.012 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

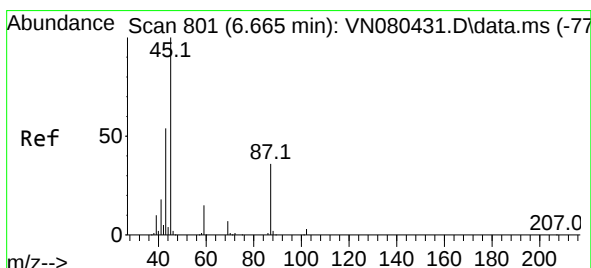
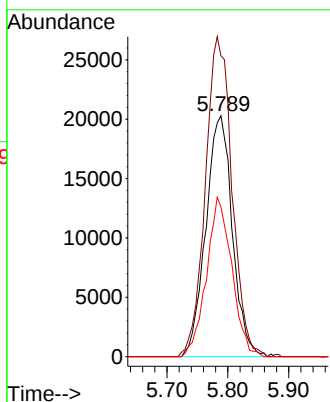
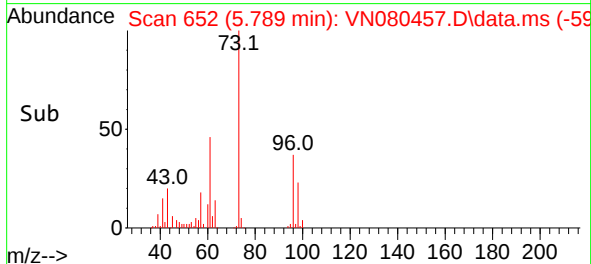
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 96 Resp: 6143
Ion Ratio Lower Upper
96 100
61 124.9 90.1 135.1
98 62.1 46.4 69.6

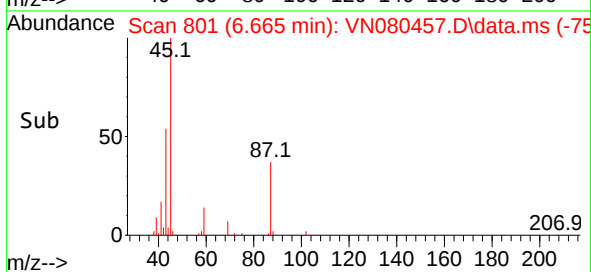
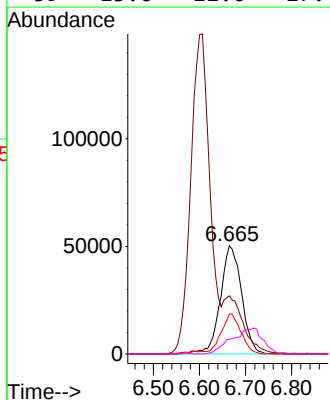
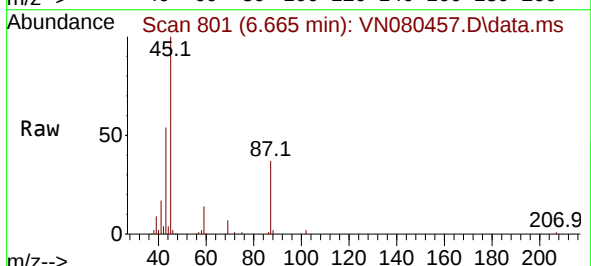
Manual Integrations
APPROVED

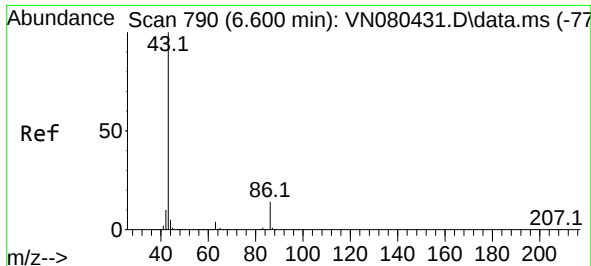
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#22
Diisopropyl ether
Concen: 18.721 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

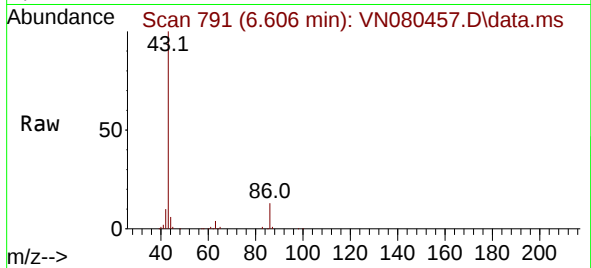
Tgt Ion: 45 Resp: 160542
Ion Ratio Lower Upper
45 100
43 53.1 45.5 68.3
87 36.9 31.8 47.8
59 13.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 87.082 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080457.D
 Acq: 13 Dec 2023 13:19

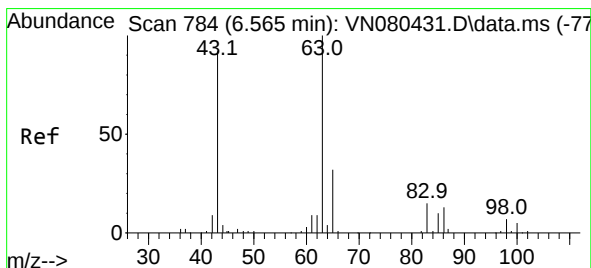
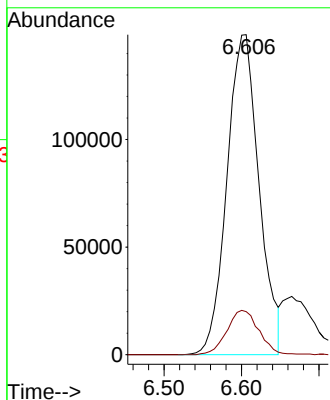
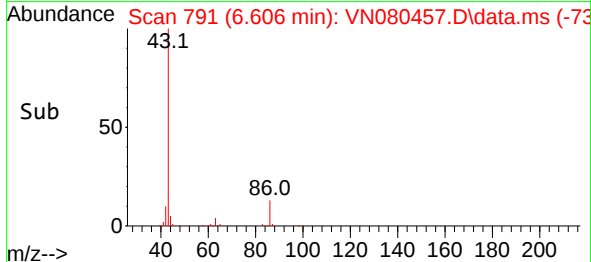
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBSD01



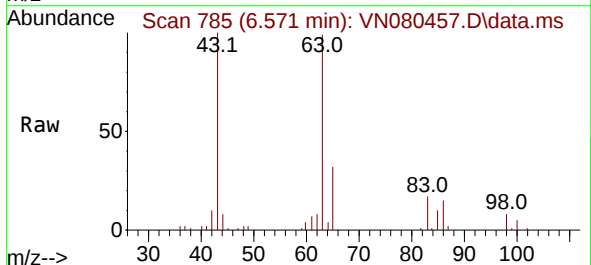
Tgt Ion: 43 Resp: 428908
 Ion Ratio Lower Upper
 43 100
 86 13.4 13.0 19.6

Manual Integrations
 APPROVED

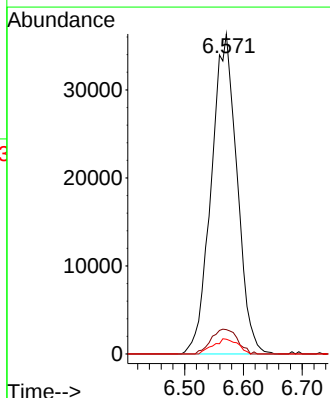
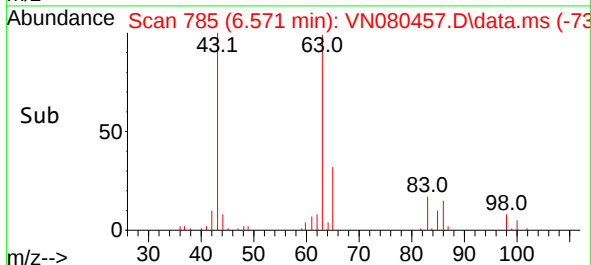
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023

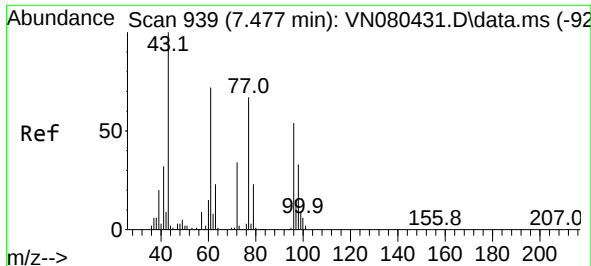


#24
 1,1-Dichloroethane
 Concen: 18.471 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080457.D
 Acq: 13 Dec 2023 13:19



Tgt Ion: 63 Resp: 110517
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.6 2.5 7.4





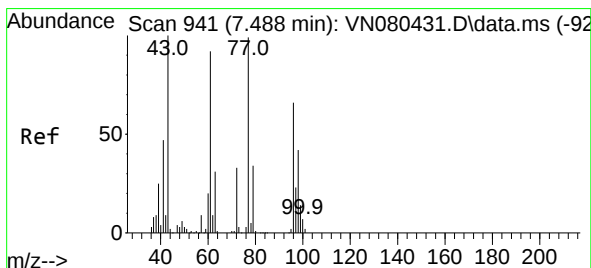
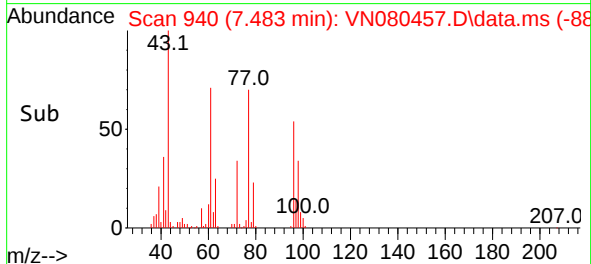
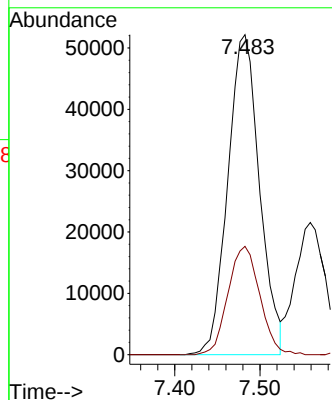
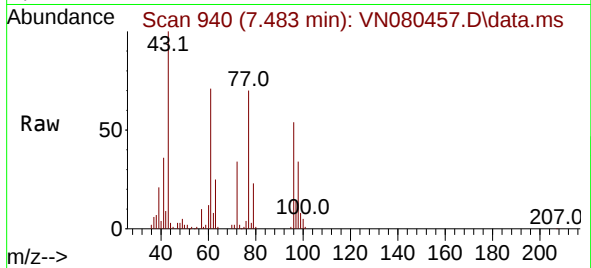
#25
2-Butanone
Concen: 103.617 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01

Tgt Ion: 43 Resp: 13504
Ion Ratio Lower Upper
43 100
72 33.9 30.2 45.2

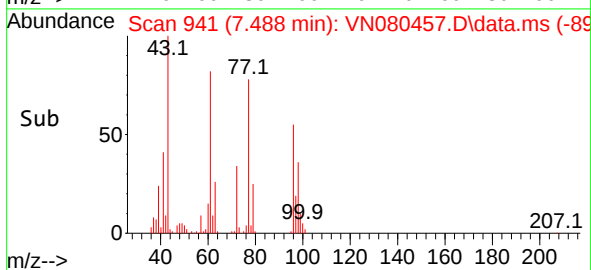
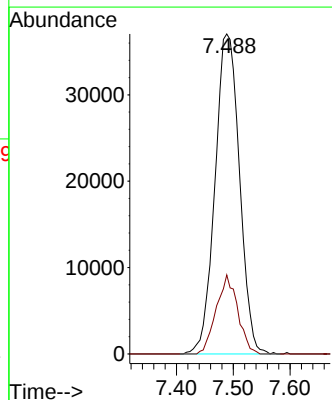
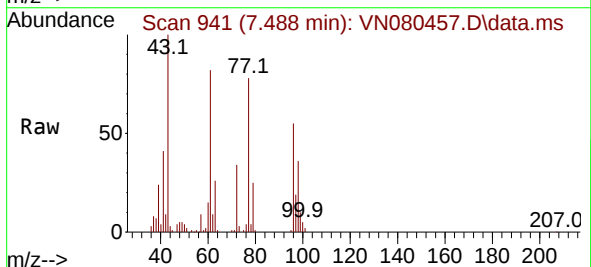
Manual Integrations
APPROVED

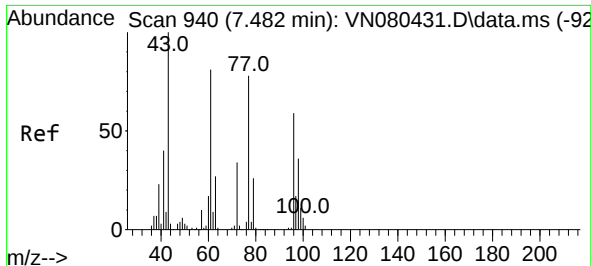
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#26
2,2-Dichloropropane
Concen: 18.155 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Tgt Ion: 77 Resp: 111074
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6





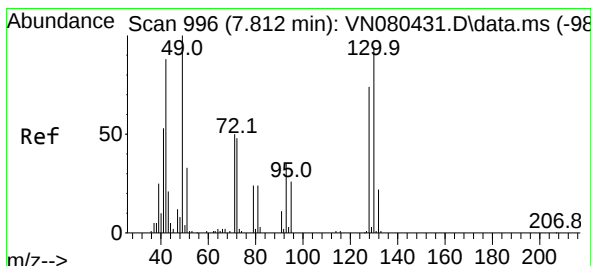
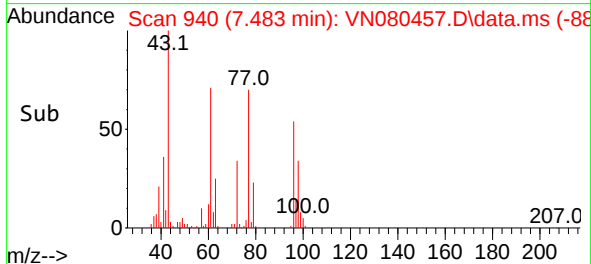
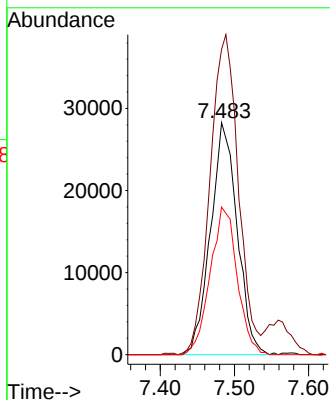
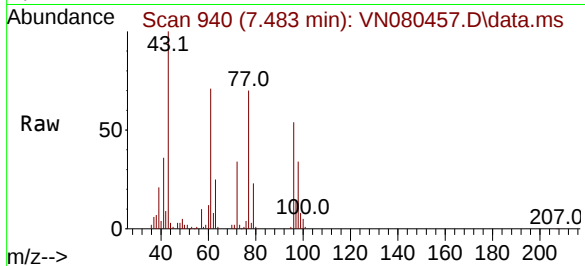
#27
 cis-1,2-Dichloroethene
 Concen: 17.927 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080457.D
 Acq: 13 Dec 2023 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBSD01

Tgt Ion: 96 Resp: 7066
 Ion Ratio Lower Upper
 96 100
 61 146.6 0.0 255.2
 98 64.4 0.0 128.8

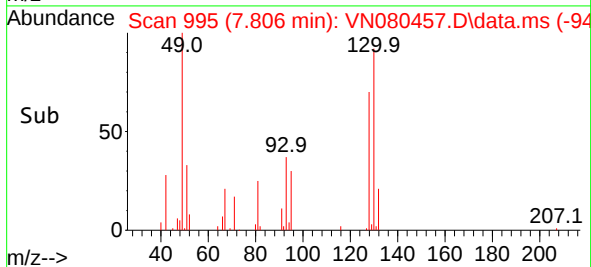
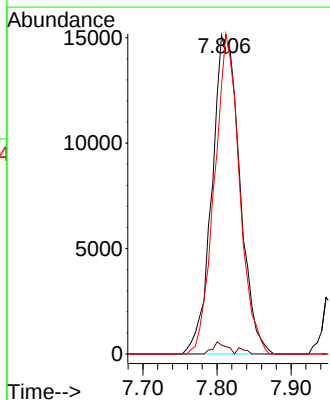
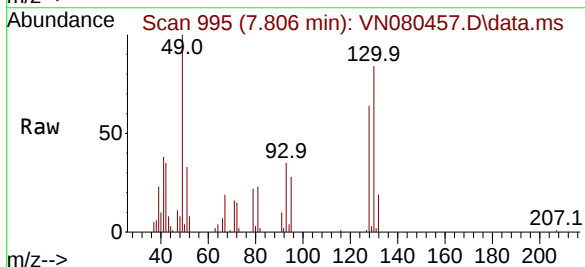
Manual Integrations
 APPROVED

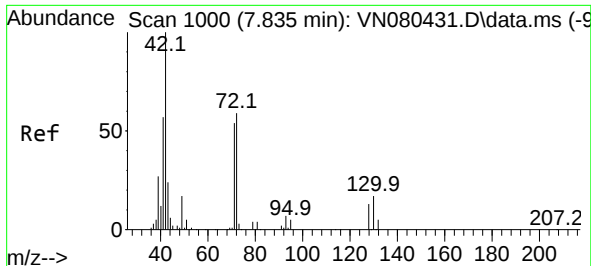
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#28
 Bromochloromethane
 Concen: 17.137 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN080457.D
 Acq: 13 Dec 2023 13:19

Tgt Ion: 49 Resp: 39369
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 90.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 90.775 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

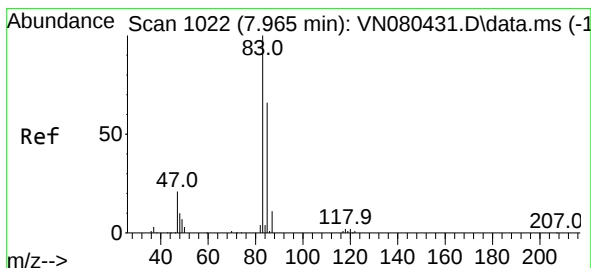
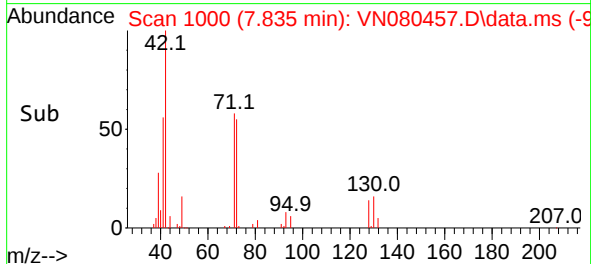
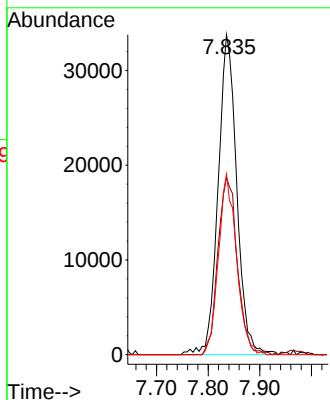
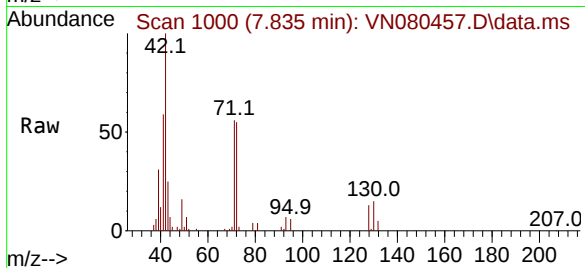
Tgt Ion:	42	Resp:	84710
Ion Ratio	Lower	Upper	
42	100		
72	57.4	49.8	74.6
71	54.7	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#30

Chloroform

Concen: 18.598 ug/l

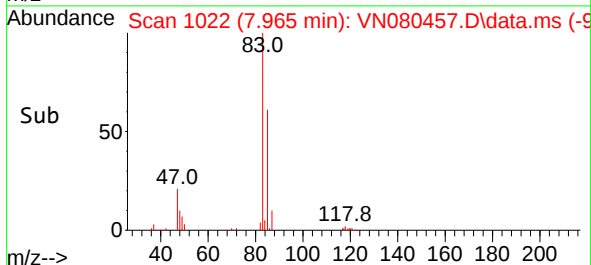
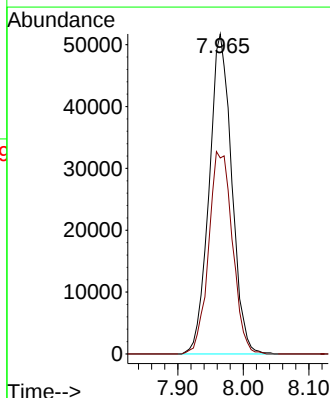
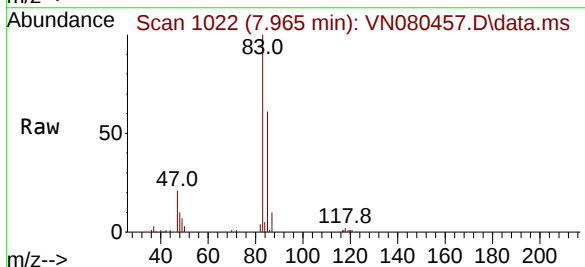
RT: 7.965 min Scan# 1022

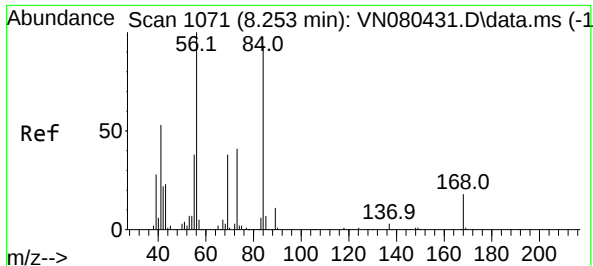
Delta R.T. 0.000 min

Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

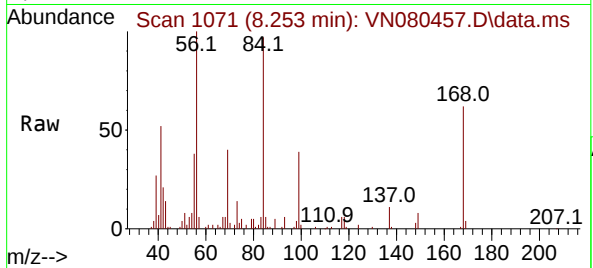
Tgt Ion:	83	Resp:	123516
Ion Ratio	Lower	Upper	
83	100		
85	61.3	55.4	83.0





#31
Cyclohexane
Concen: 17.080 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

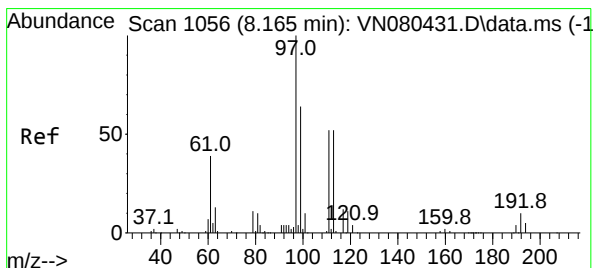
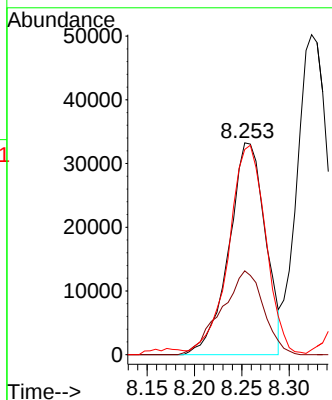
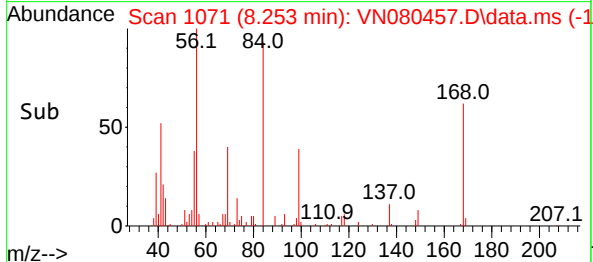
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 56 Resp: 88625
Ion Ratio Lower Upper
56 100
69 39.6 26.8 40.2
84 94.6 81.8 122.6

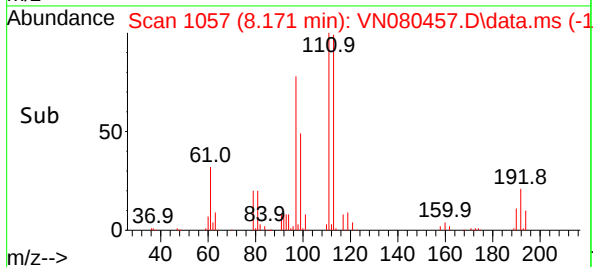
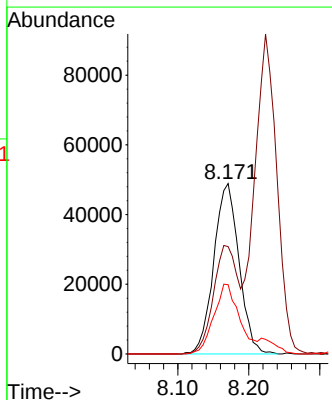
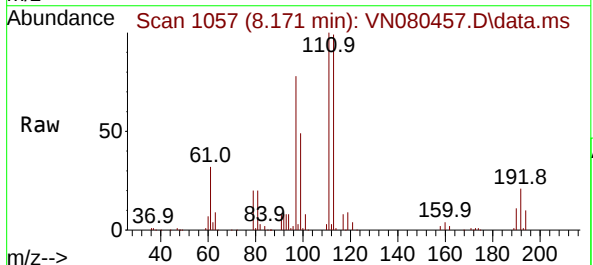
Manual Integrations
APPROVED

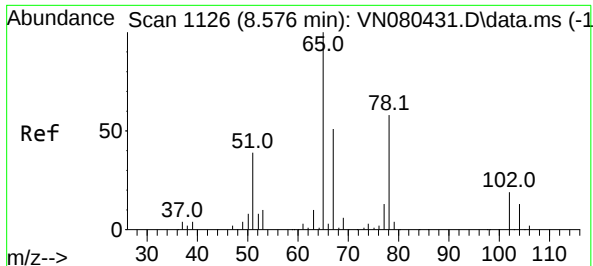
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#32
1,1,1-Trichloroethane
Concen: 18.540 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Tgt Ion: 97 Resp: 120558
Ion Ratio Lower Upper
97 100
99 60.9 50.3 75.5
61 41.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.787 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

Tgt Ion: 65 Resp: 201410

Ion Ratio Lower Upper

65 100

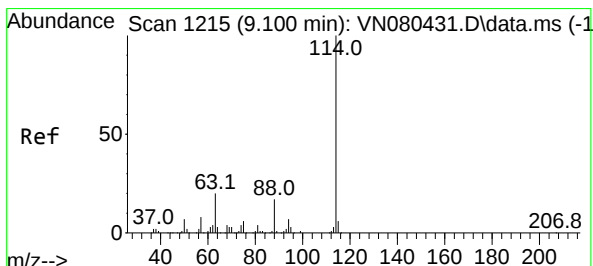
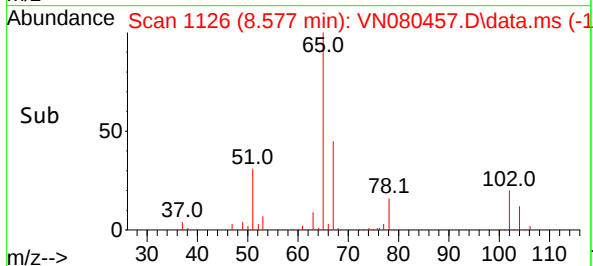
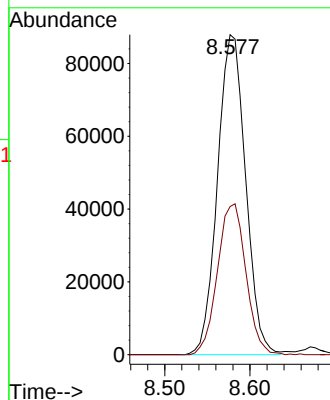
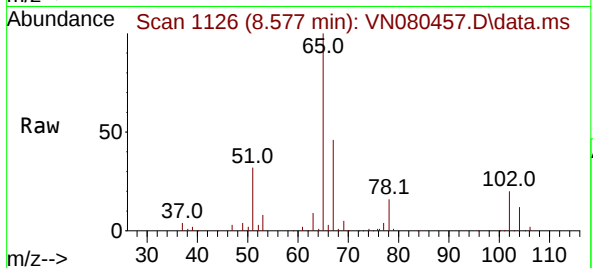
67 47.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

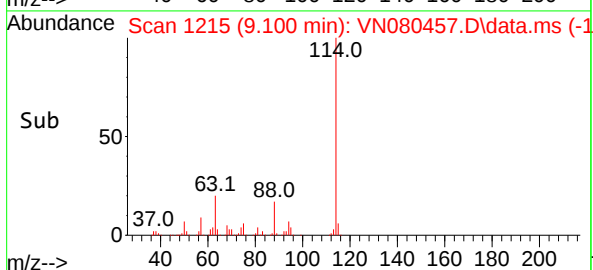
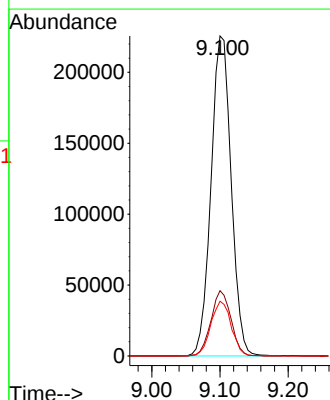
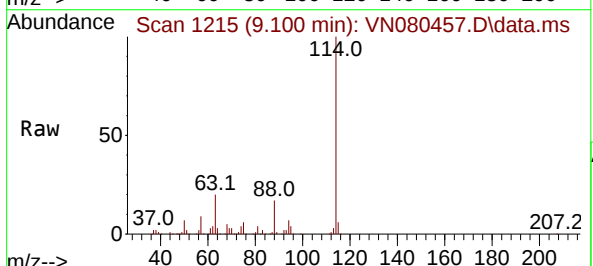
Tgt Ion:114 Resp: 465232

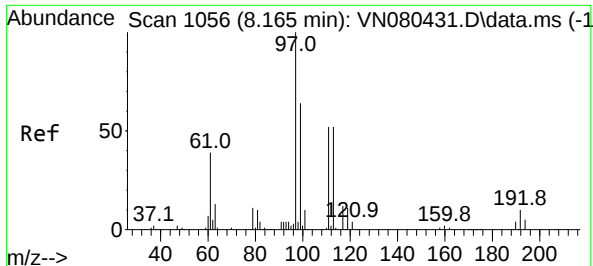
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 17.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.752 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

Tgt Ion: 113 Resp: 15265

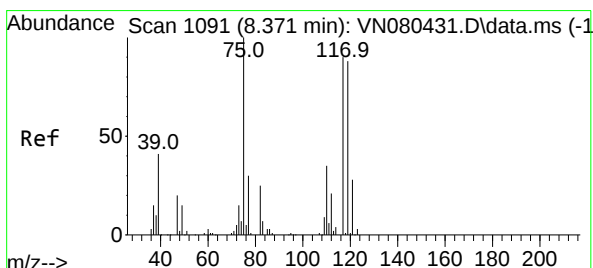
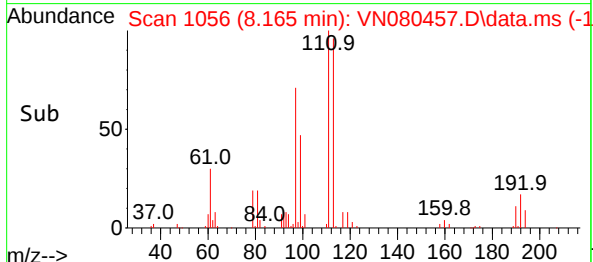
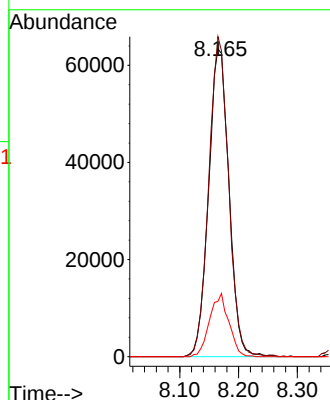
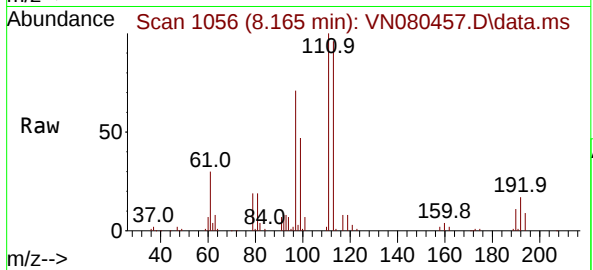
Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.6	123.8
192	19.3	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#36

1,1-Dichloropropene

Concen: 18.507 ug/l

RT: 8.371 min Scan# 1091

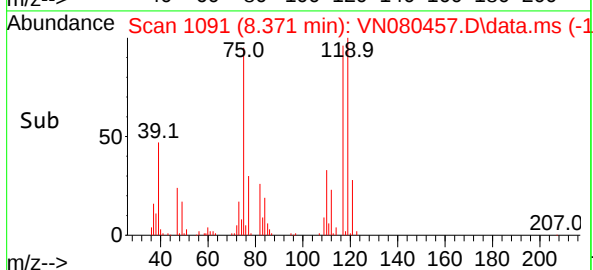
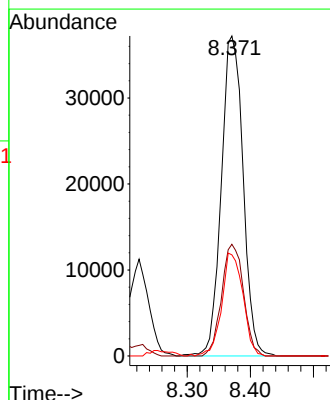
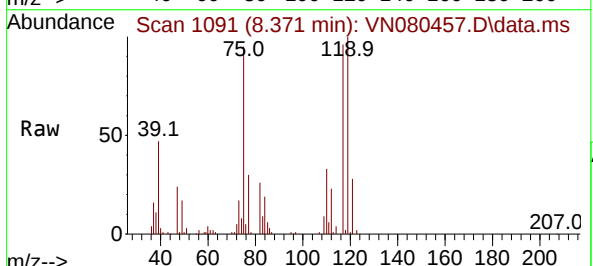
Delta R.T. 0.000 min

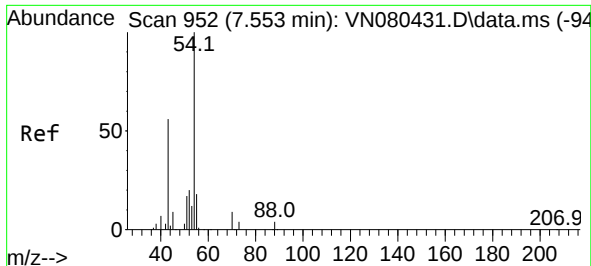
Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

Tgt Ion: 75 Resp: 89260

Ion	Ratio	Lower	Upper
75	100		
110	35.0	19.1	57.3
77	31.3	25.0	37.4





#37

Ethyl Acetate

Concen: 18.525 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080457.D

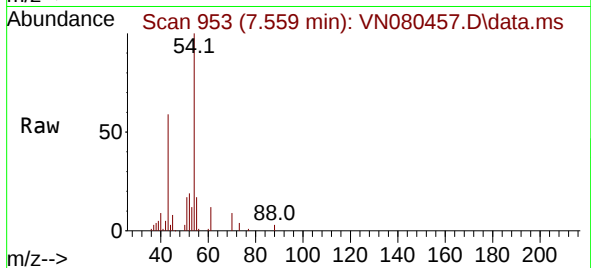
Acq: 13 Dec 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01



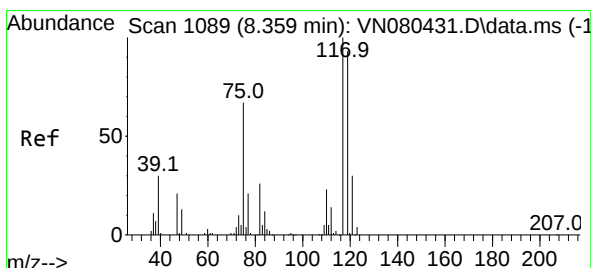
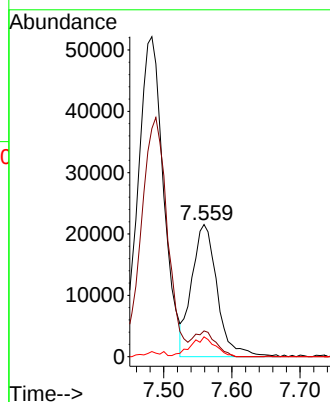
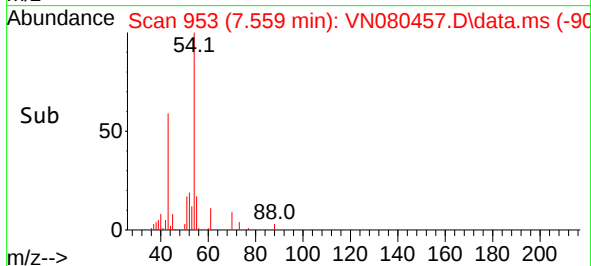
Tgt Ion:	43	Resp:	55950
Ion	Ratio	Lower	Upper
43	100		
61	16.9	13.2	19.8
70	14.4	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#38

Carbon Tetrachloride

Concen: 18.664 ug/l

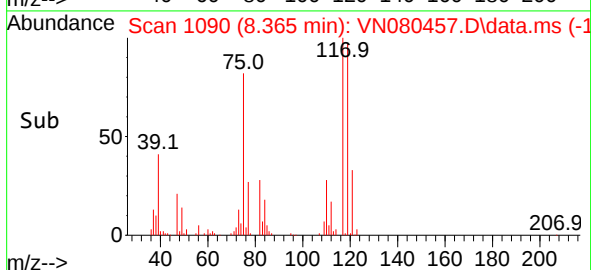
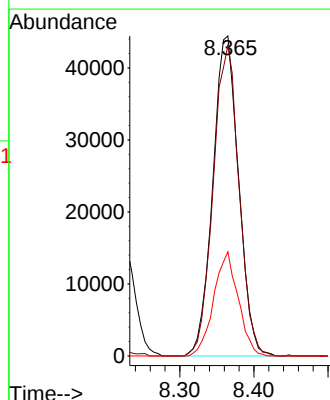
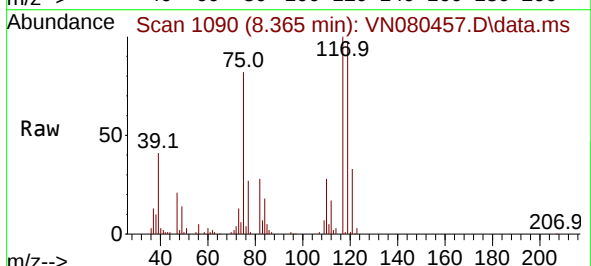
RT: 8.365 min Scan# 1090

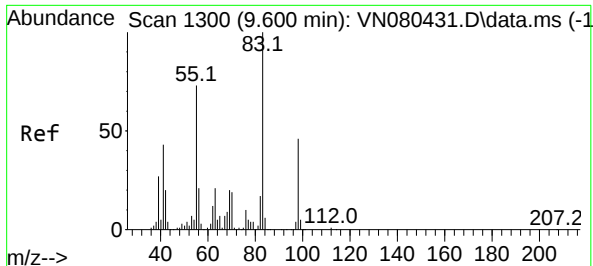
Delta R.T. 0.006 min

Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

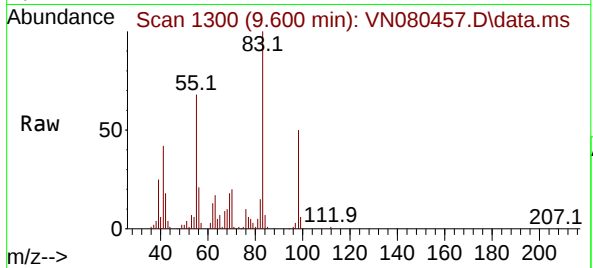
Tgt Ion:	117	Resp:	107563
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.3	115.9
121	32.5	23.3	34.9





#39
Methylcyclohexane
Concen: 17.358 ug/l
RT: 9.600 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

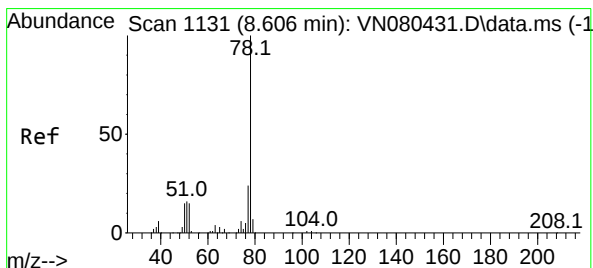
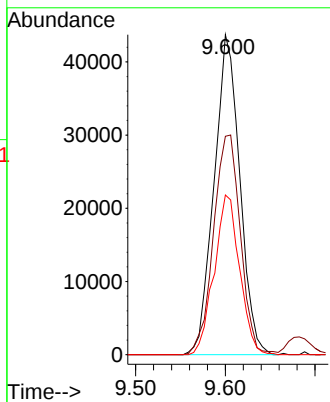
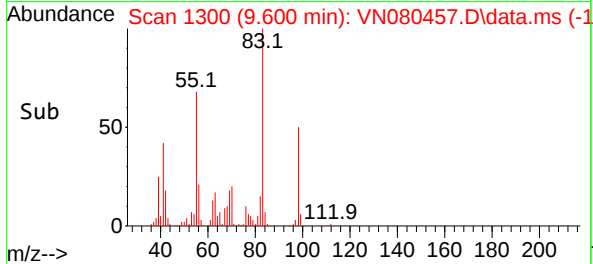
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 83 Resp: 8697
Ion Ratio Lower Upper
83 100
55 68.3 49.1 73.7
98 49.9 40.6 61.0

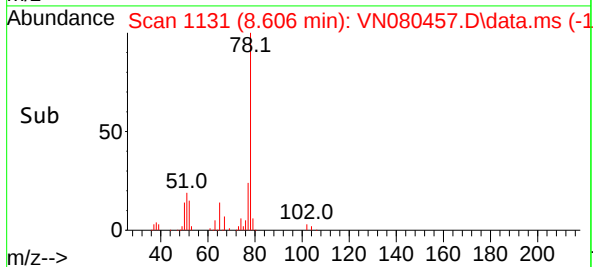
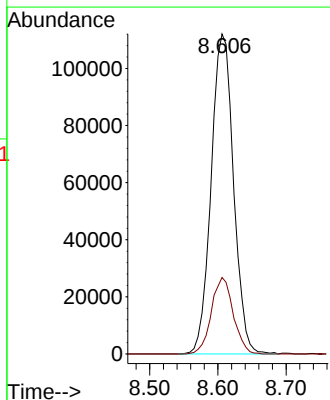
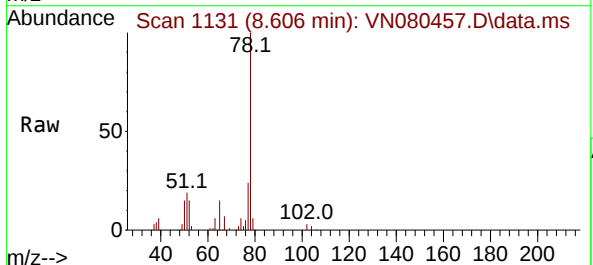
Manual Integrations
APPROVED

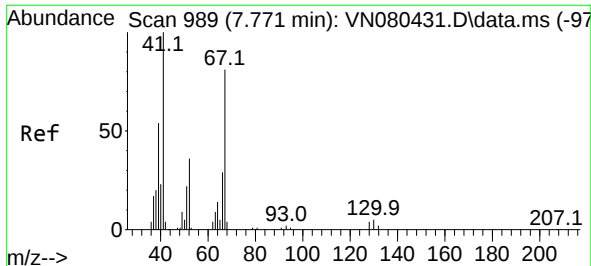
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#40
Benzene
Concen: 18.390 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

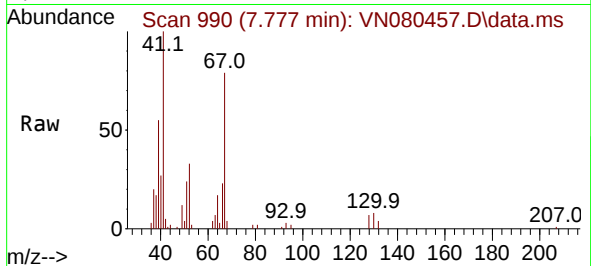
Tgt Ion: 78 Resp: 256124
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 18.814 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

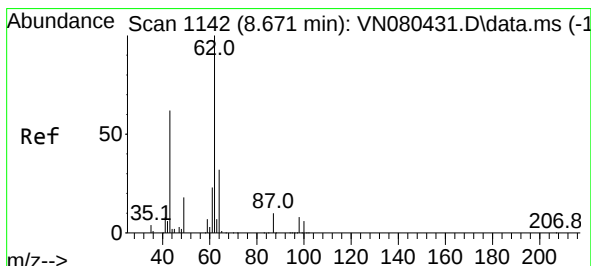
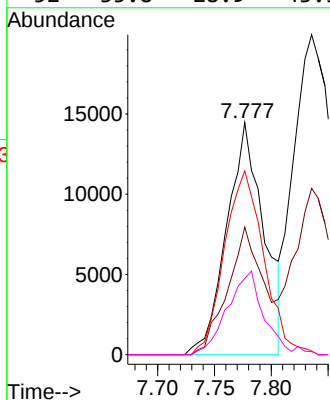
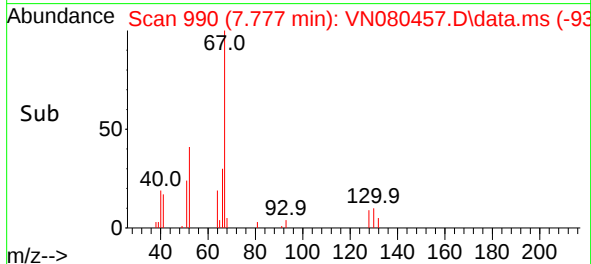
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 41	Resp: 3275
Ion Ratio	Lower Upper
41	100
39	50.9 42.6 64.0
67	84.4 77.5 116.3
52	35.8 28.9 43.3

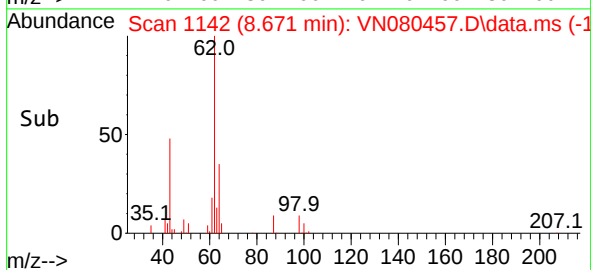
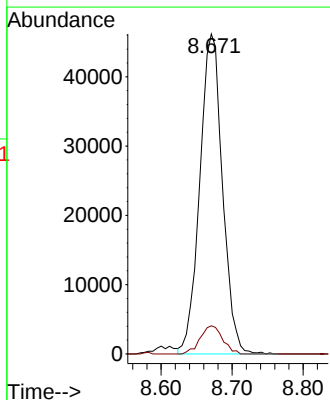
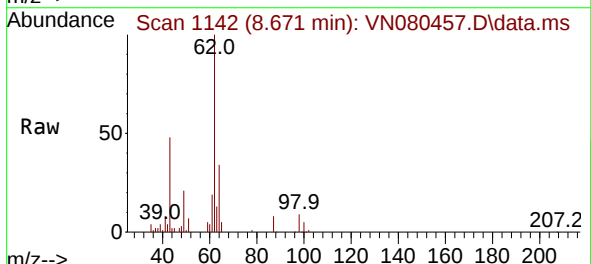
Manual Integrations
APPROVED

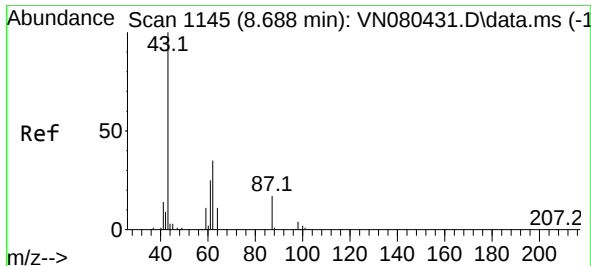
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#42
1,2-Dichloroethane
Concen: 19.894 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

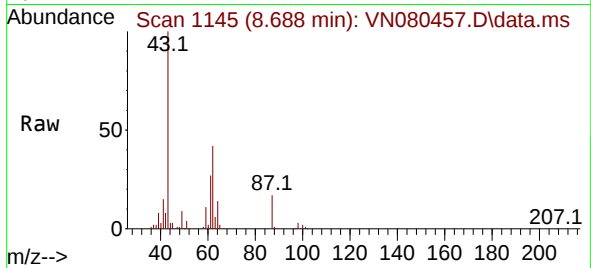
Tgt Ion: 62	Resp: 102601
Ion Ratio	Lower Upper
62	100
98	8.7 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.100 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

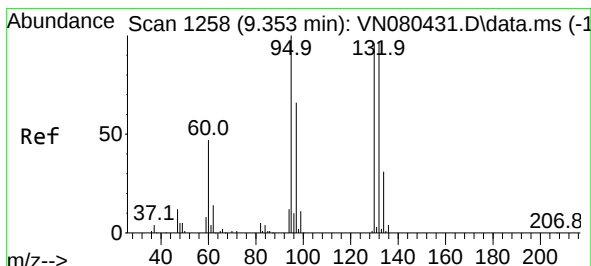
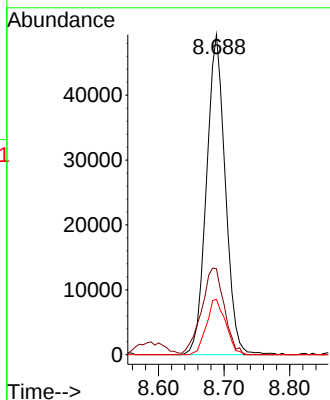
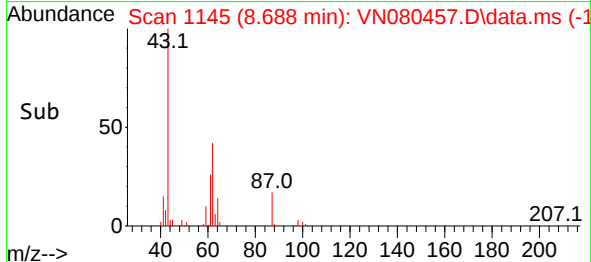
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 43 Resp: 98290
Ion Ratio Lower Upper
43 100
61 32.7 24.7 37.1
87 17.8 14.6 21.8

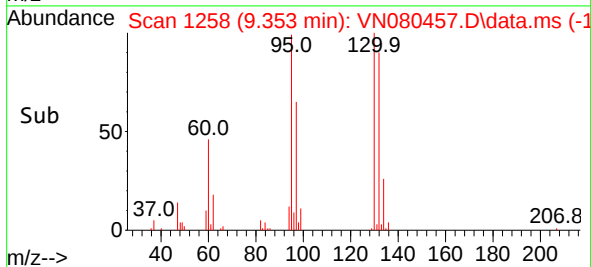
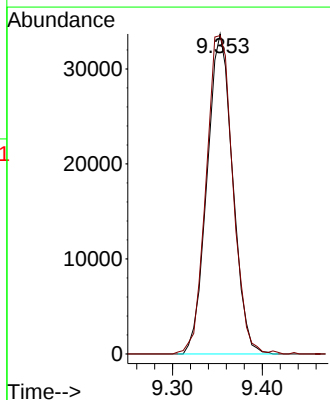
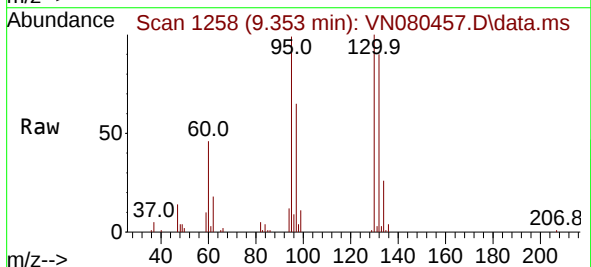
Manual Integrations
APPROVED

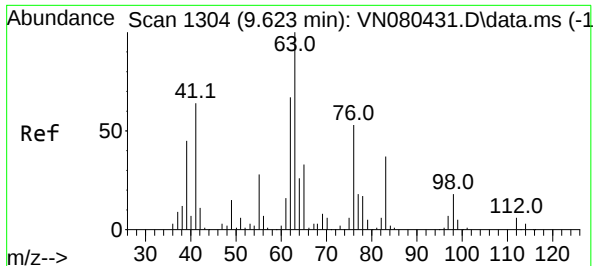
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#44
Trichloroethene
Concen: 17.817 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Tgt Ion:130 Resp: 66895
Ion Ratio Lower Upper
130 100
95 99.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.019 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

Tgt Ion: 63 Resp: 58940

Ion Ratio Lower Upper

63 100

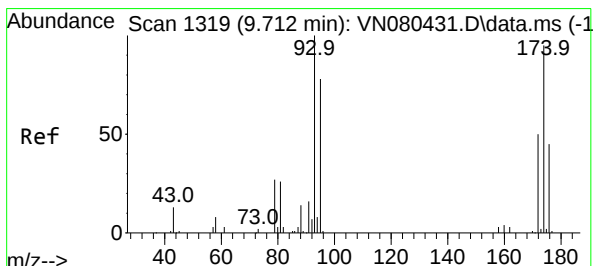
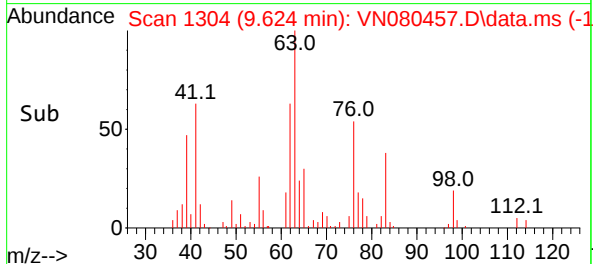
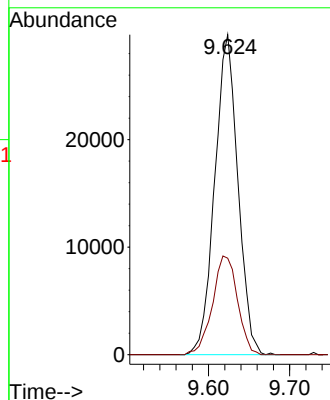
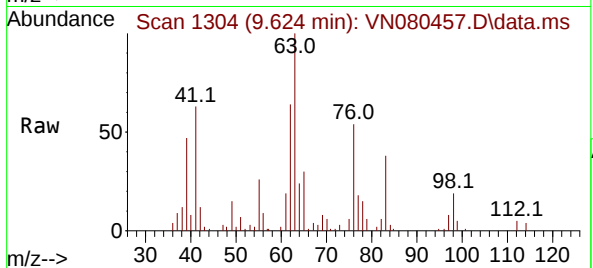
65 30.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#46

Dibromomethane

Concen: 18.982 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

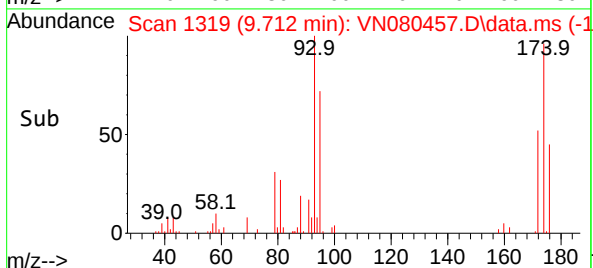
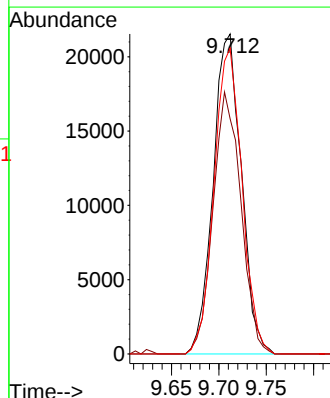
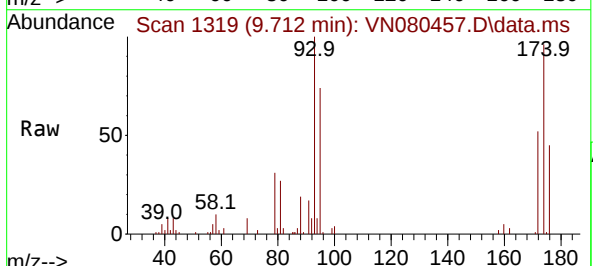
Tgt Ion: 93 Resp: 44590

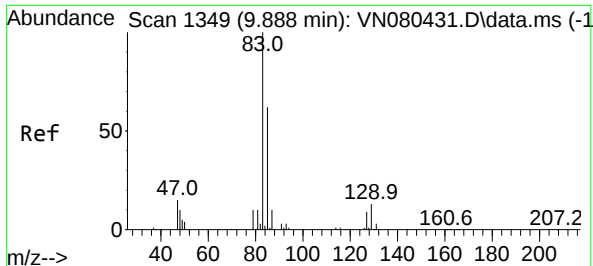
Ion Ratio Lower Upper

93 100

95 81.3 63.8 95.8

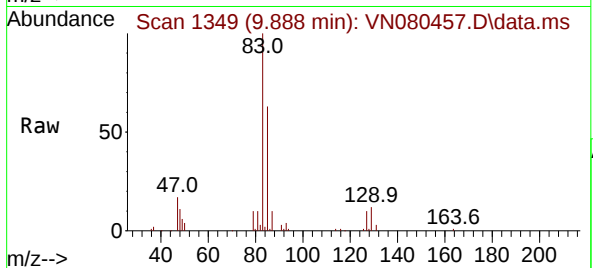
174 94.8 65.6 98.4





#47
Bromodichloromethane
Concen: 19.082 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

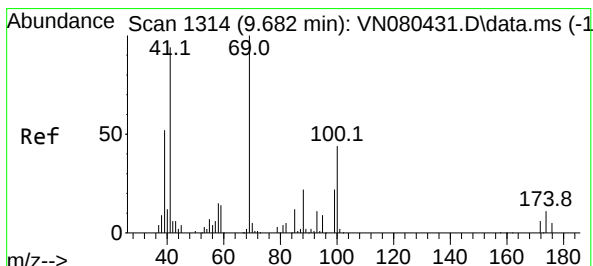
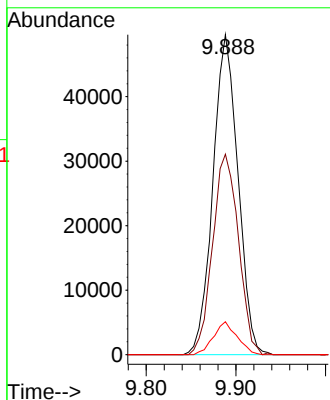
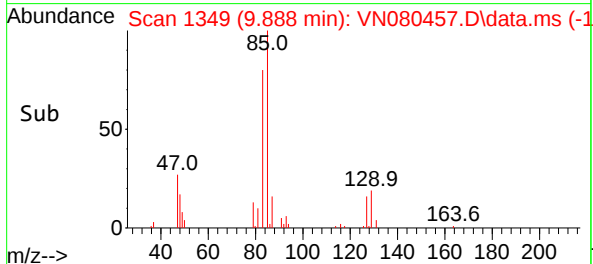
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



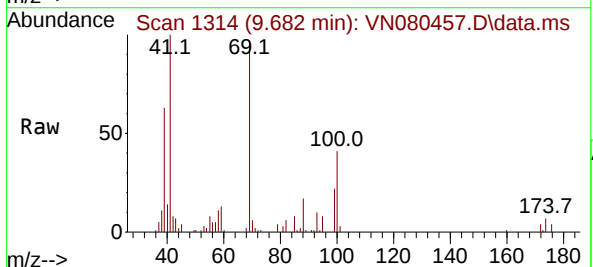
Tgt Ion: 83 Resp: 9606
Ion Ratio Lower Upper
83 100
85 62.7 49.6 74.4
127 10.3 7.0 10.6

Manual Integrations
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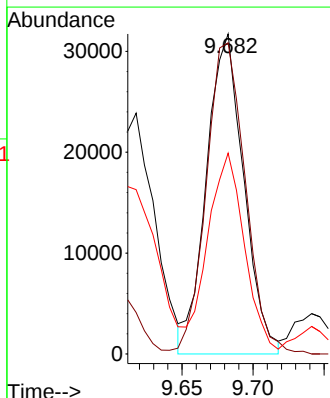
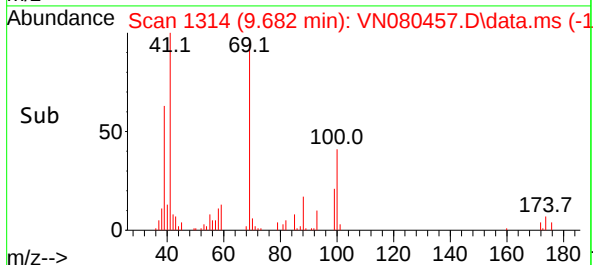
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

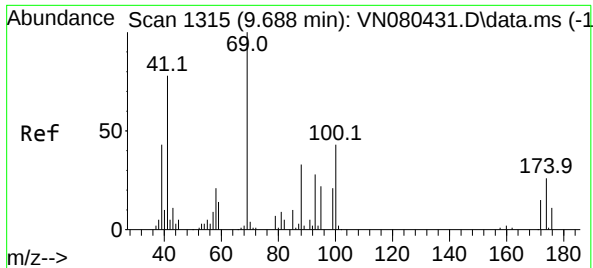


#48
Methyl methacrylate
Concen: 17.885 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19



Tgt Ion: 41 Resp: 57958
Ion Ratio Lower Upper
41 100
69 101.8 90.4 135.6
39 61.6 54.6 81.8





#49

1,4-Dioxane

Concen: 367.617 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

Tgt Ion: 88 Resp: 1805

Ion Ratio Lower Upper

88 100

43 25.8 17.0 25.6

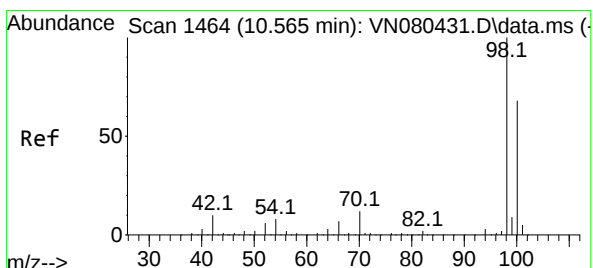
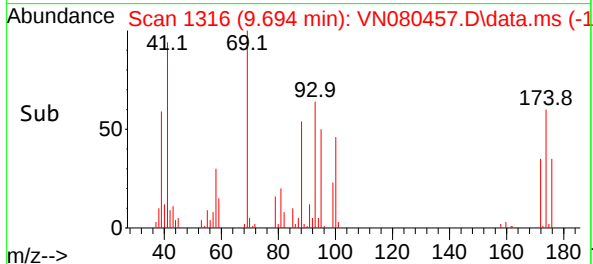
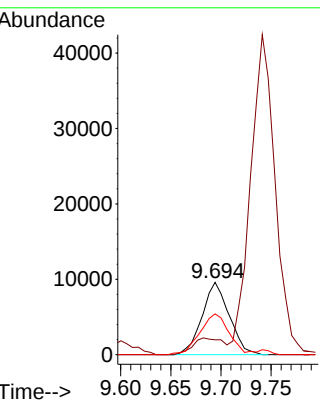
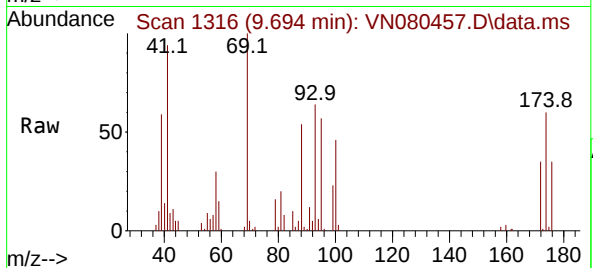
58 61.4 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#50

Toluene-d8

Concen: 51.567 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080457.D

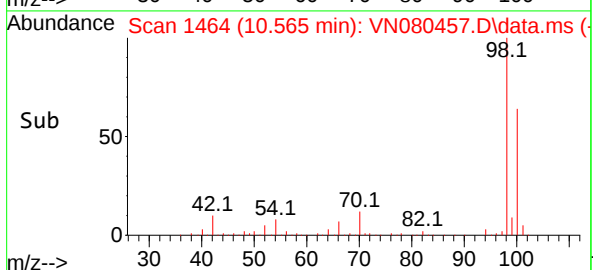
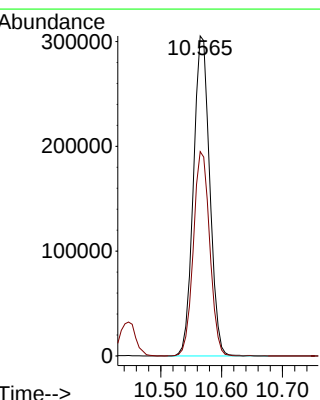
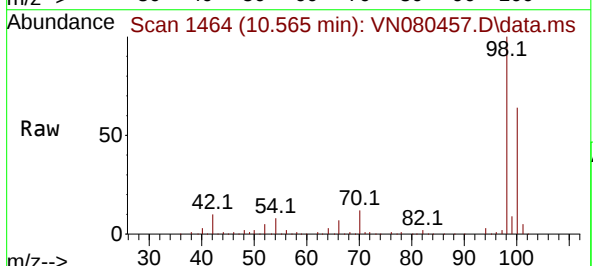
Acq: 13 Dec 2023 13:19

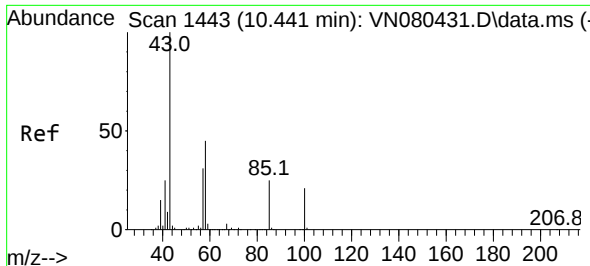
Tgt Ion: 98 Resp: 567294

Ion Ratio Lower Upper

98 100

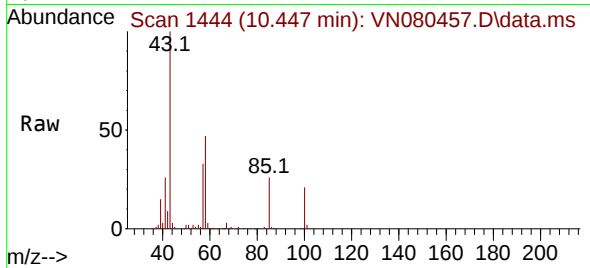
100 64.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 92.634 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

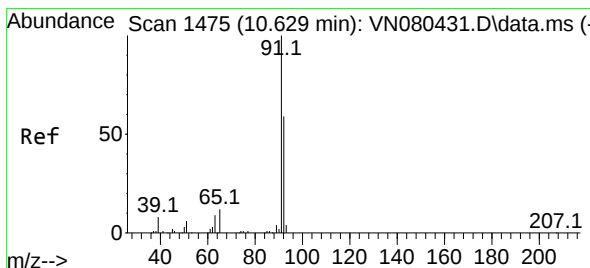
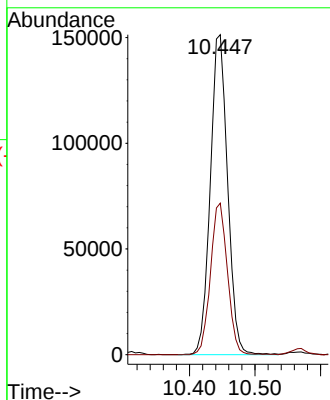
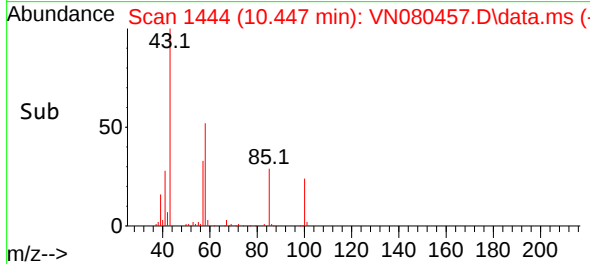
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 43 Resp: 277045
Ion Ratio Lower Upper
43 100
58 46.5 36.6 54.8

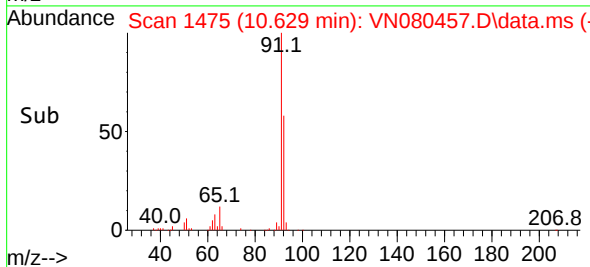
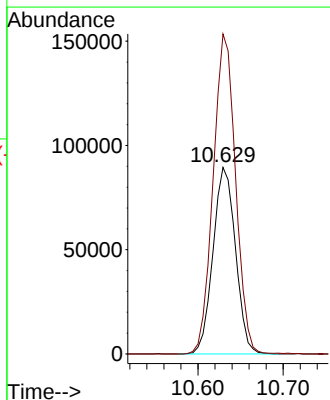
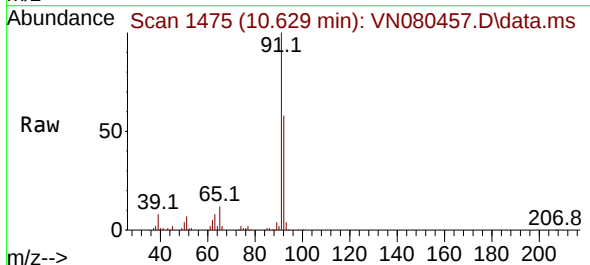
Manual Integrations
APPROVED

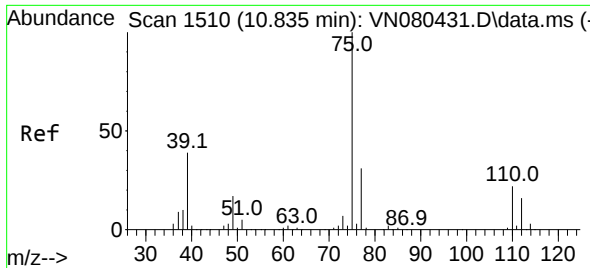
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#52
Toluene
Concen: 18.638 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

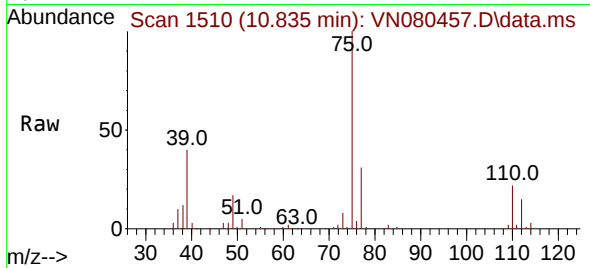
Tgt Ion: 92 Resp: 163980
Ion Ratio Lower Upper
92 100
91 171.1 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 18.561 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

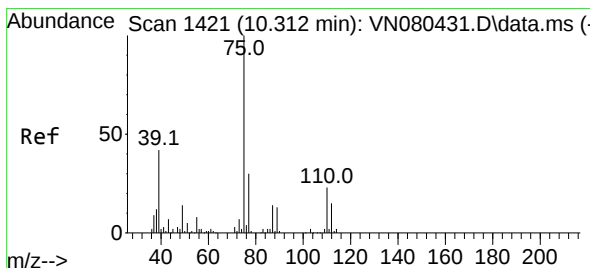
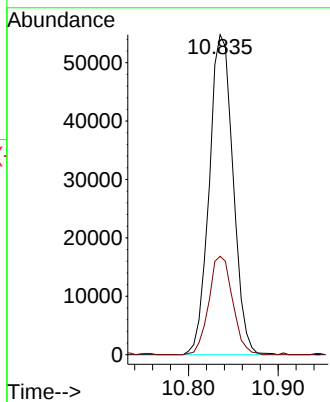
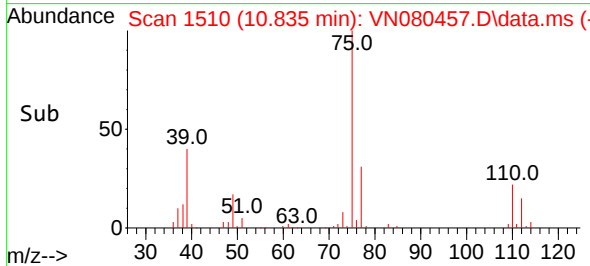
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



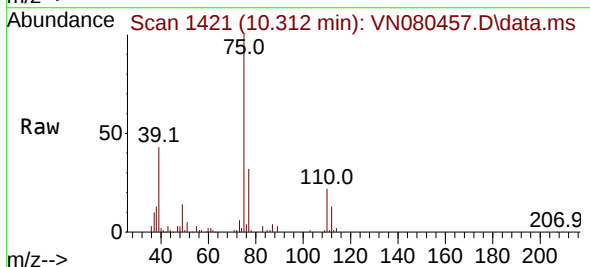
Tgt Ion: 75 Resp: 10110
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

Manual Integrations
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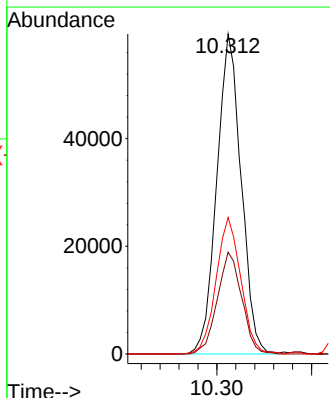
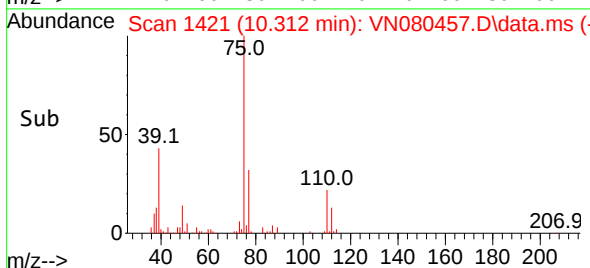
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

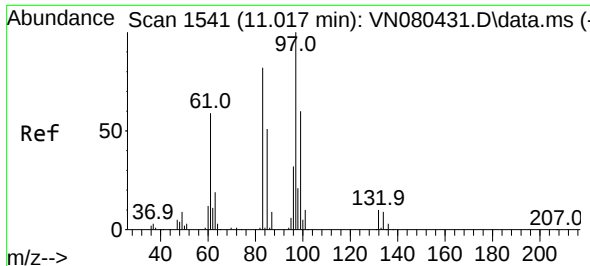


#54
cis-1,3-Dichloropropene
Concen: 18.212 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19



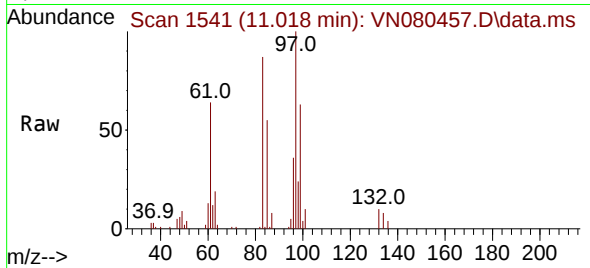
Tgt Ion: 75 Resp: 106032
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 42.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.358 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

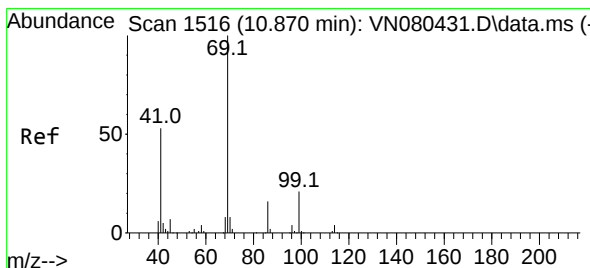
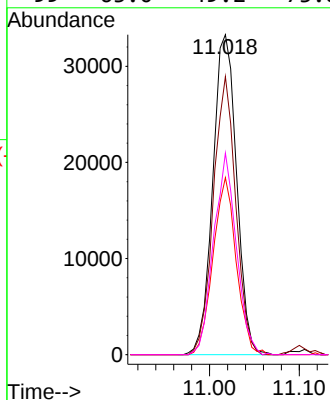
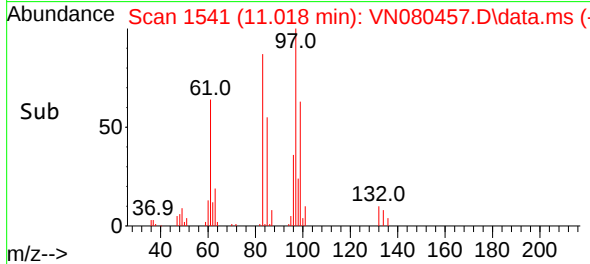
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 97	Resp: 6128
Ion Ratio	Lower Upper
97 100	
83 86.9	65.1 97.7
85 55.3	43.4 65.2
99 63.0	49.2 73.8

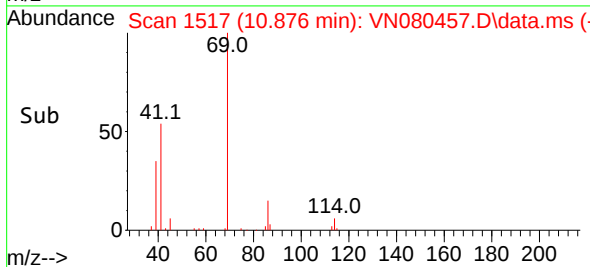
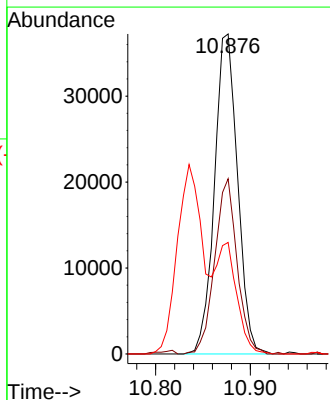
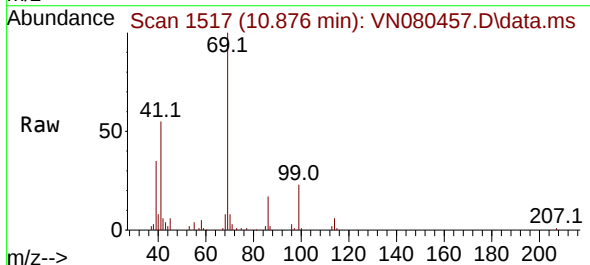
Manual Integrations
APPROVED

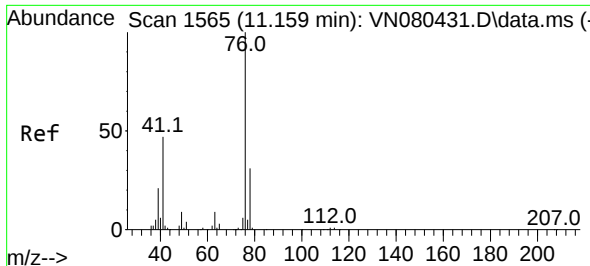
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#56
Ethyl methacrylate
Concen: 18.002 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Tgt Ion: 69	Resp: 63096
Ion Ratio	Lower Upper
69 100	
41 53.2	39.6 59.4
39 30.6	28.6 43.0





#57

1,3-Dichloropropane

Concen: 18.820 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

Tgt Ion: 76 Resp: 10444

Ion Ratio Lower Upper

76 100

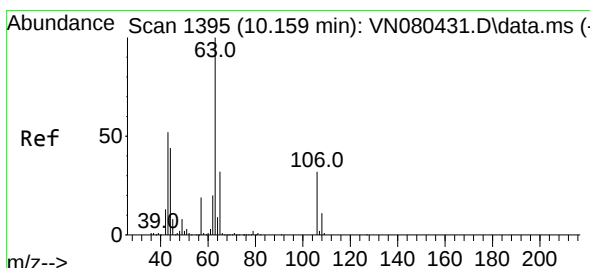
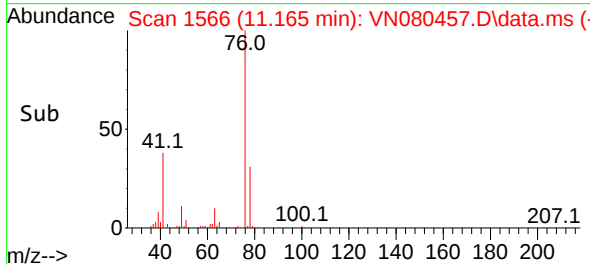
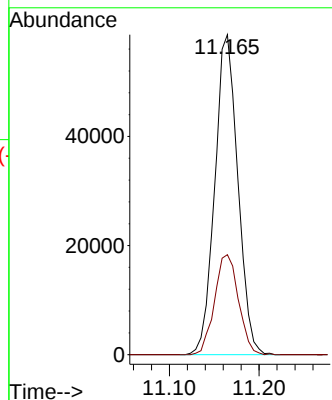
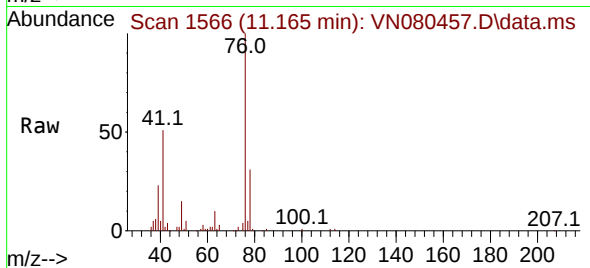
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 81.211 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080457.D

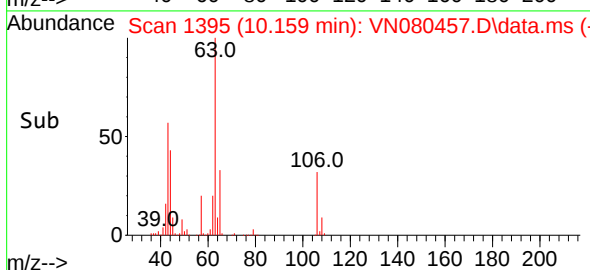
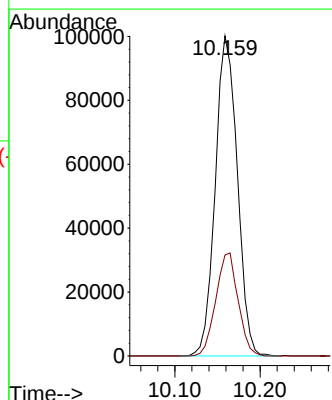
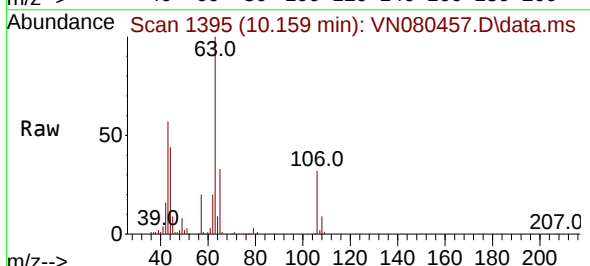
Acq: 13 Dec 2023 13:19

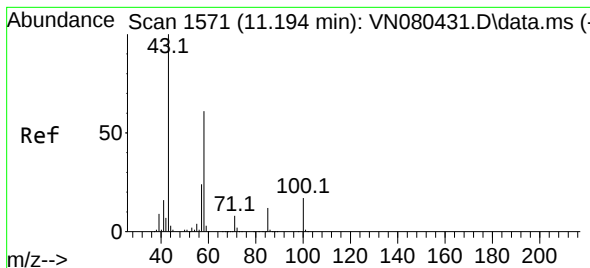
Tgt Ion: 63 Resp: 179696

Ion Ratio Lower Upper

63 100

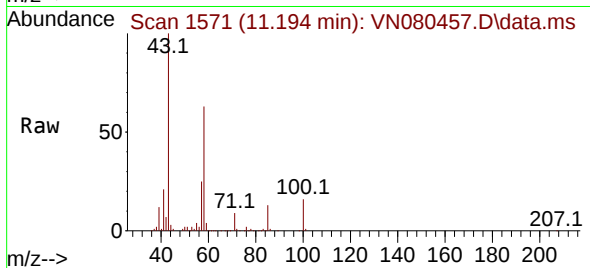
106 32.5 26.2 39.4





#59
2-Hexanone
Concen: 93.561 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

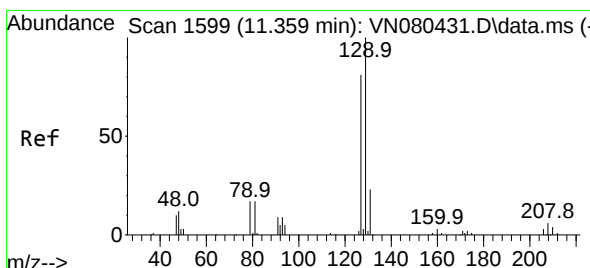
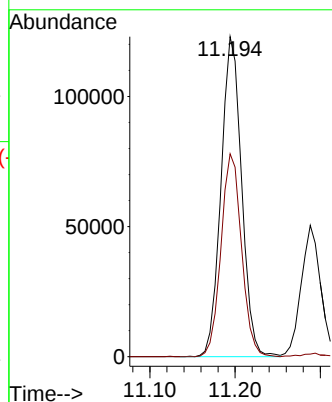
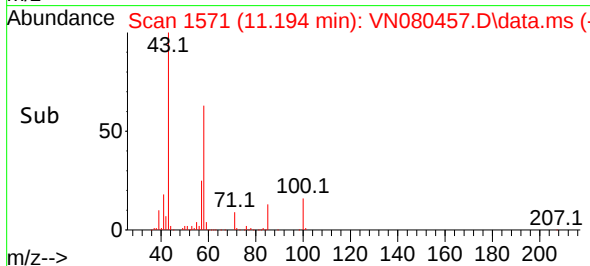
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 43 Resp: 206574
Ion Ratio Lower Upper
43 100
58 63.2 31.7 95.1

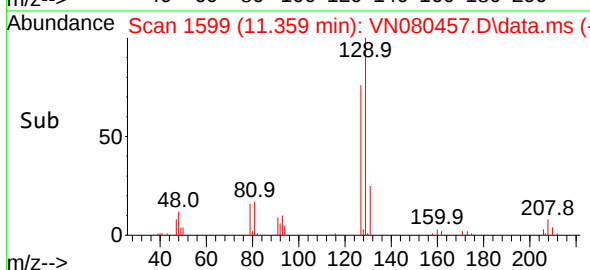
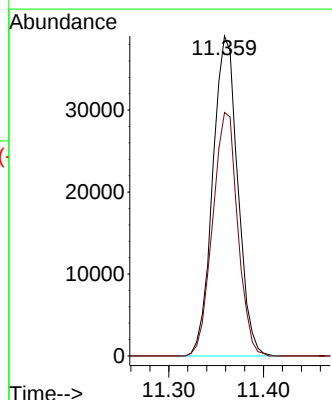
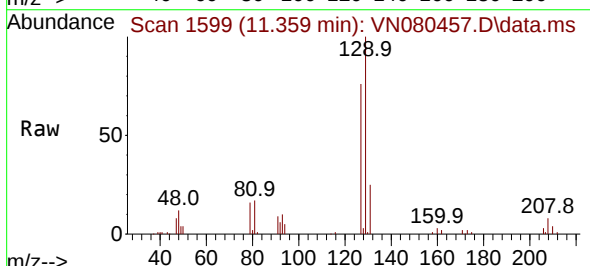
Manual Integrations
APPROVED

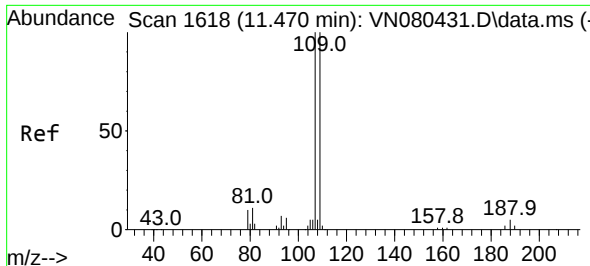
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#60
Dibromochloromethane
Concen: 19.092 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

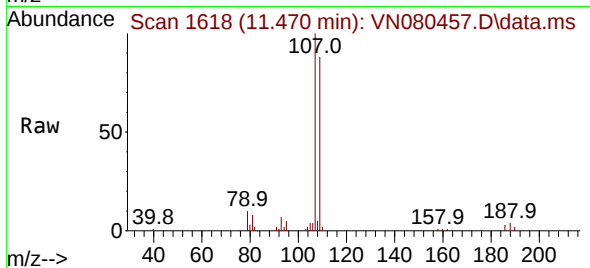
Tgt Ion:129 Resp: 71623
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.838 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

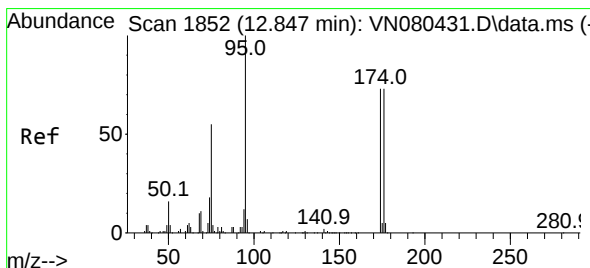
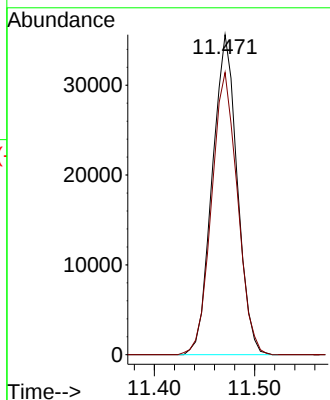
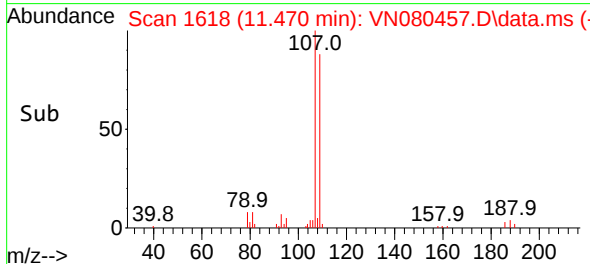
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



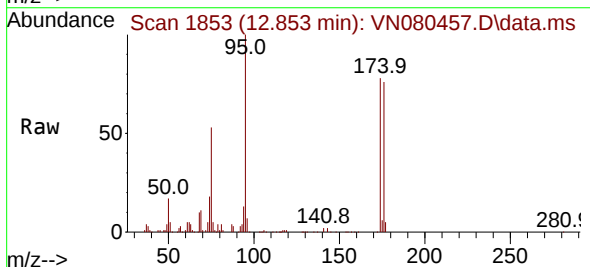
Tgt Ion:107 Resp: 61725
Ion Ratio Lower Upper
107 100
109 91.4 76.6 114.8

Manual Integrations
APPROVED

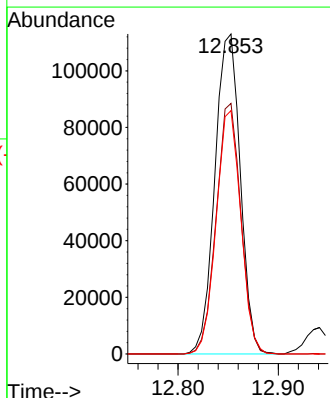
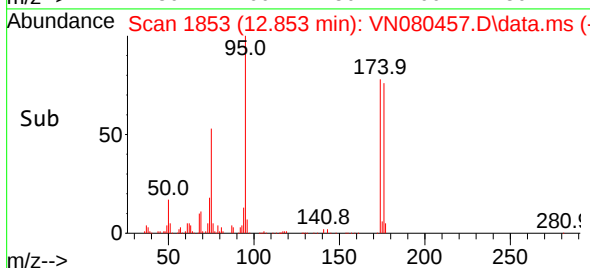
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

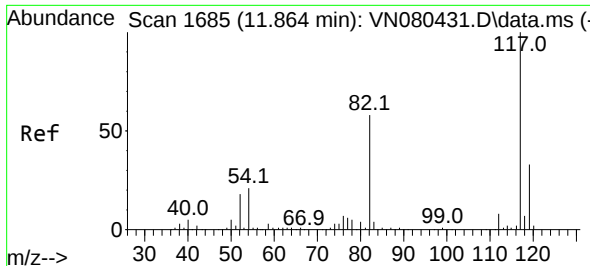


#62
4-Bromofluorobenzene
Concen: 47.604 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19



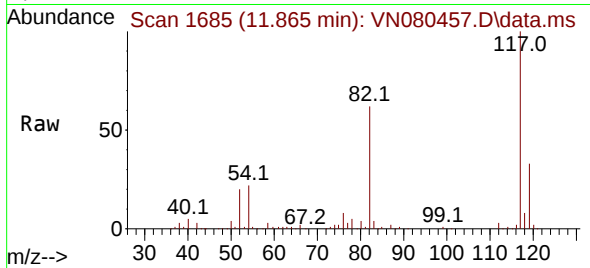
Tgt Ion: 95 Resp: 198859
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 73.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

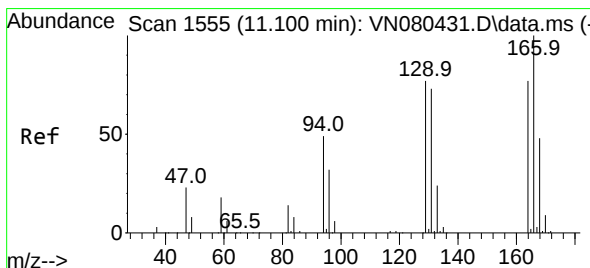
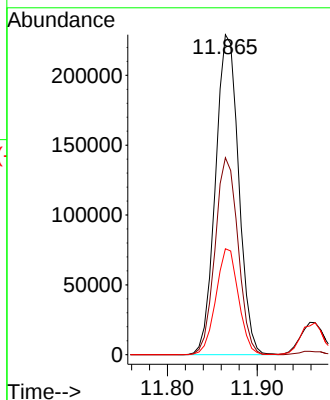
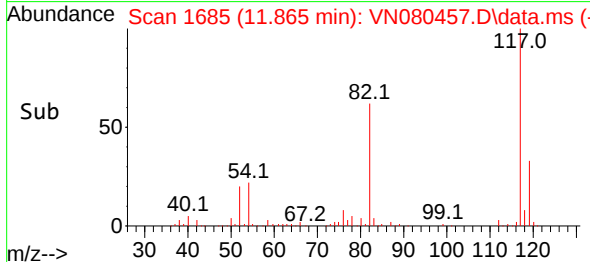
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion:117 Resp: 411150
Ion Ratio Lower Upper
117 100
82 61.5 44.0 66.0
119 33.1 25.6 38.4

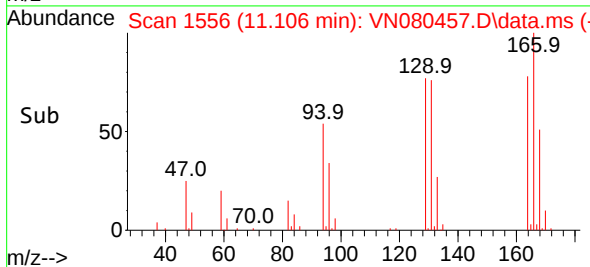
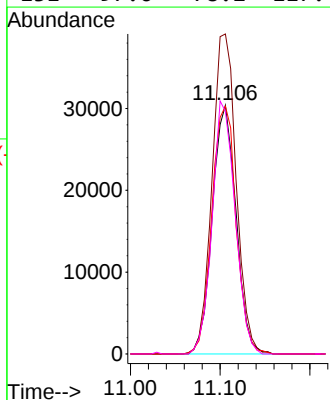
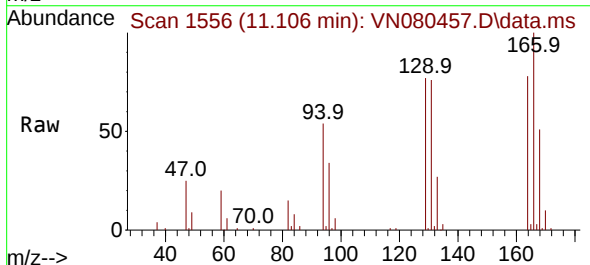
Manual Integrations
APPROVED

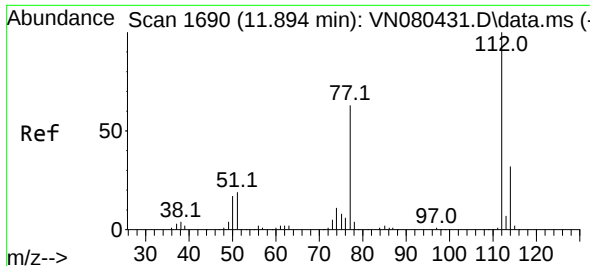
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#64
Tetrachloroethene
Concen: 17.564 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Tgt Ion:164 Resp: 55757
Ion Ratio Lower Upper
164 100
166 128.7 101.4 152.0
129 99.6 82.4 123.6
131 97.6 78.2 117.4





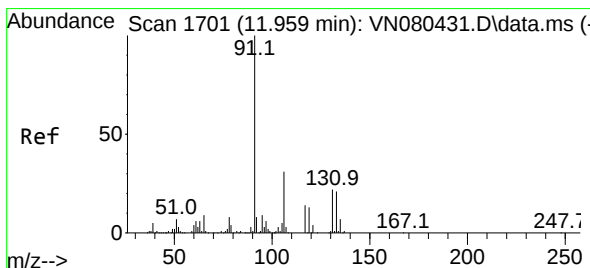
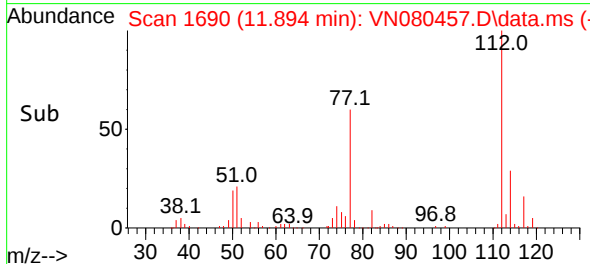
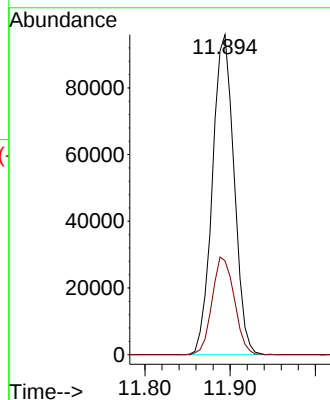
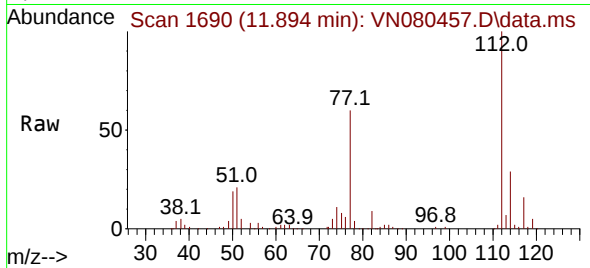
#65
Chlorobenzene
Concen: 18.518 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01

Tgt Ion:112 Resp: 16937
Ion Ratio Lower Upper
112 100
114 29.4 25.0 37.4

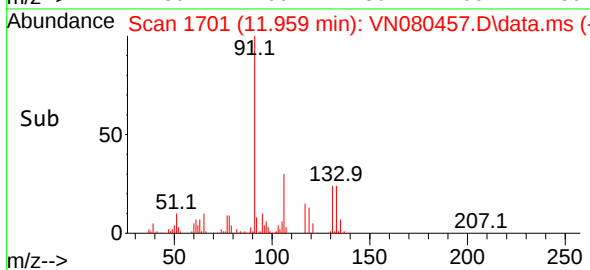
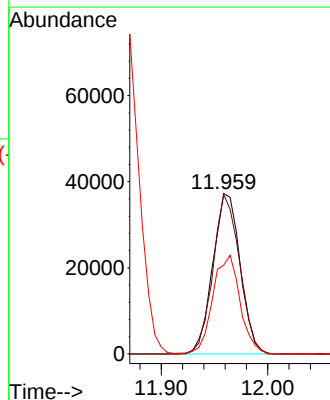
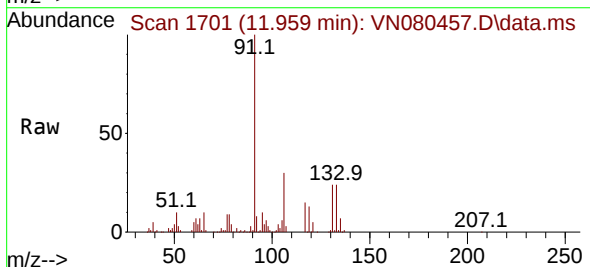
Manual Integrations
APPROVED

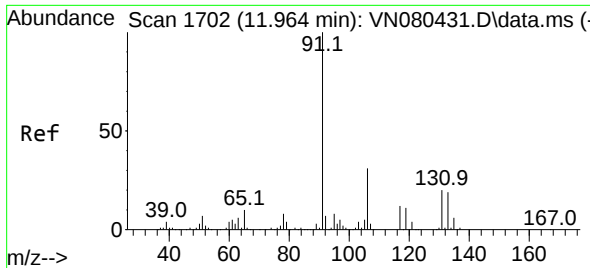
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.482 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

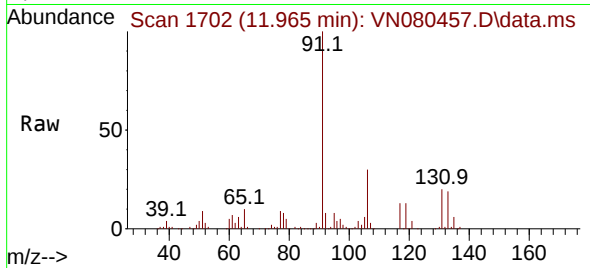
Tgt Ion:131 Resp: 66329
Ion Ratio Lower Upper
131 100
133 97.1 46.4 139.1
119 61.2 34.1 102.2





#67
Ethyl Benzene
Concen: 18.170 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

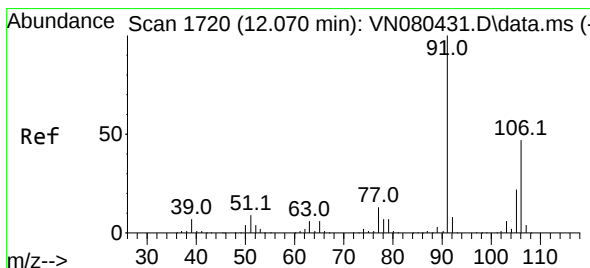
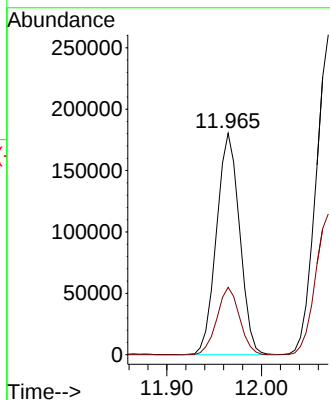
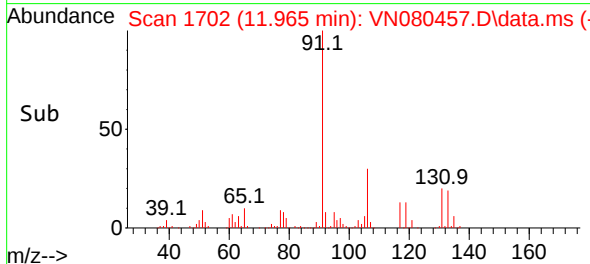
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



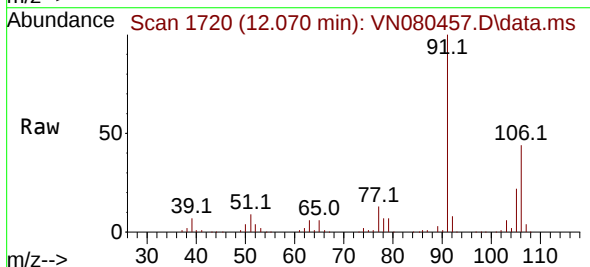
Tgt Ion: 91 Resp: 305584
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

Manual Integrations
APPROVED

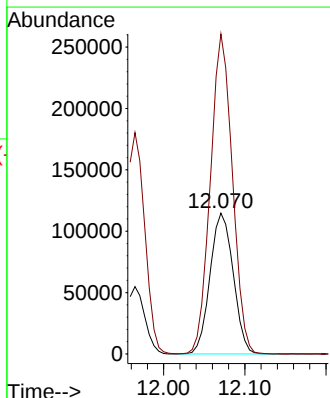
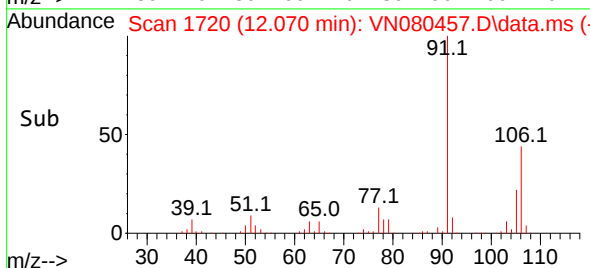
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

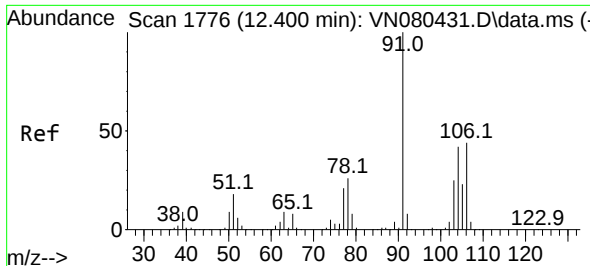


#68
m/p-Xylenes
Concen: 36.605 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19



Tgt Ion:106 Resp: 227480
Ion Ratio Lower Upper
106 100
91 216.2 159.6 239.4





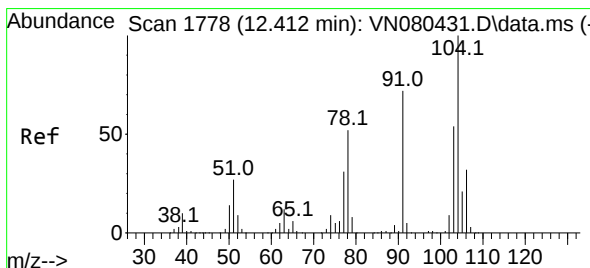
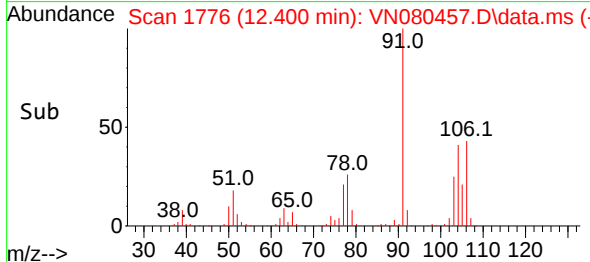
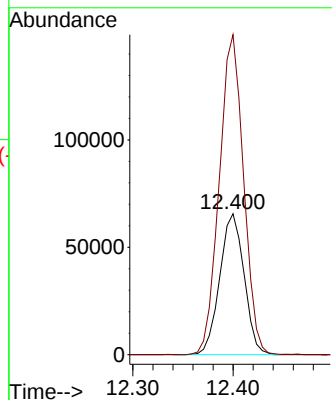
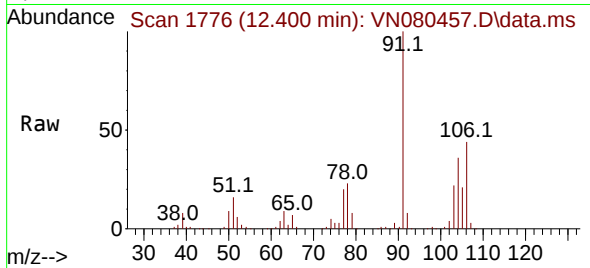
#69
o-Xylene
Concen: 18.143 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01

Tgt Ion:106 Resp: 11028
Ion Ratio Lower Upper
106 100
91 227.0 105.2 315.5

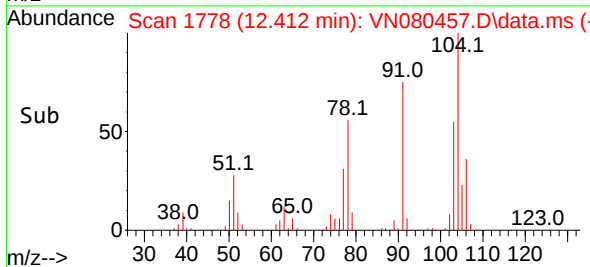
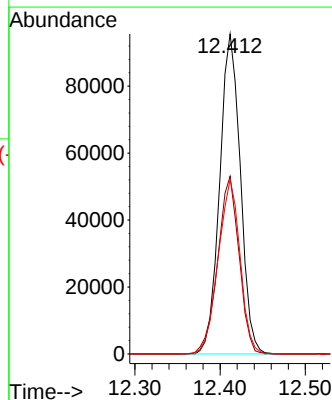
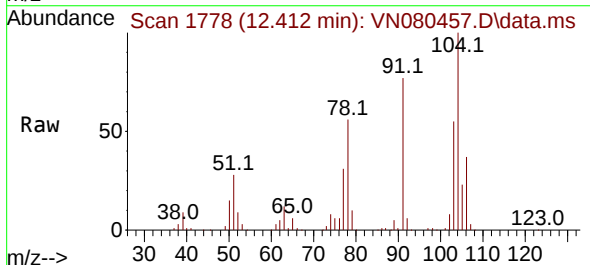
Manual Integrations
APPROVED

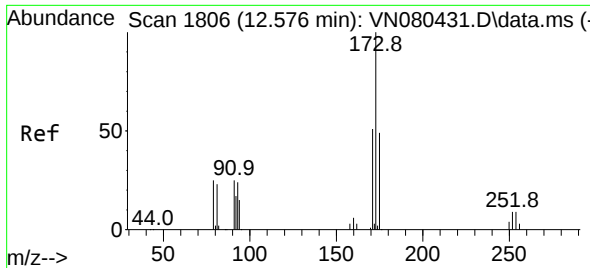
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#70
Styrene
Concen: 18.428 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

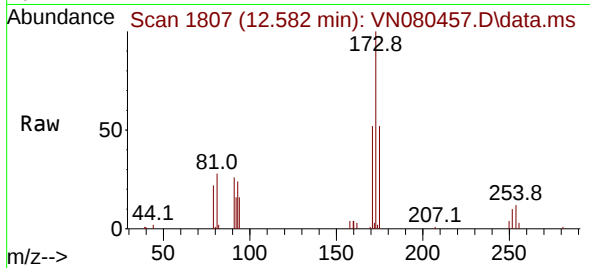
Tgt Ion:104 Resp: 161349
Ion Ratio Lower Upper
104 100
78 57.1 39.5 59.3
103 57.5 43.2 64.8





#71
Bromoform
Concen: 18.076 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

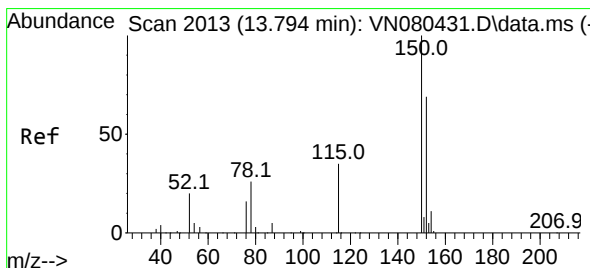
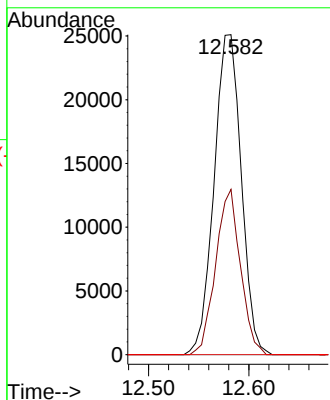
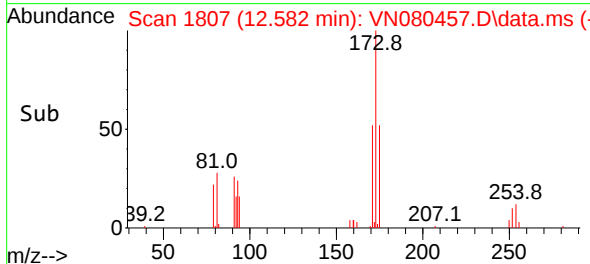
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



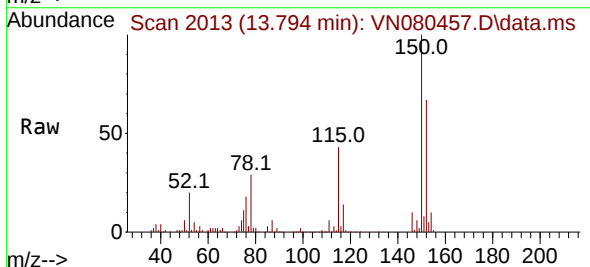
Tgt Ion:173 Resp: 4730
Ion Ratio Lower Upper
173 100
175 47.0 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

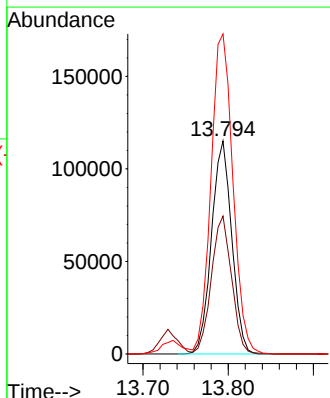
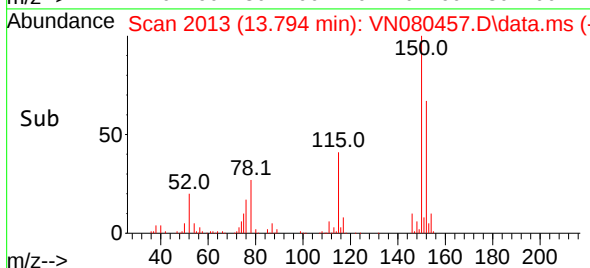
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

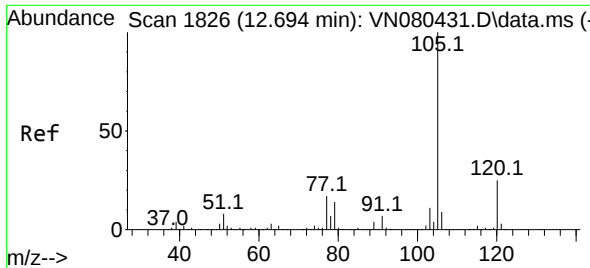


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19



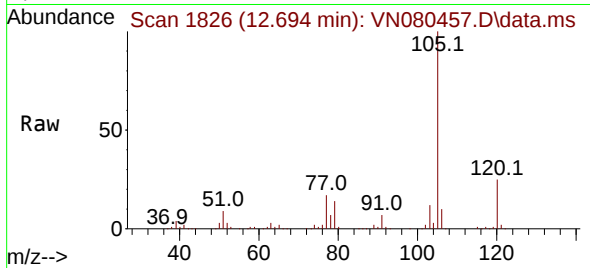
Tgt Ion:152 Resp: 190487
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 162.3 0.0 355.8





#73
Isopropylbenzene
Concen: 18.669 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

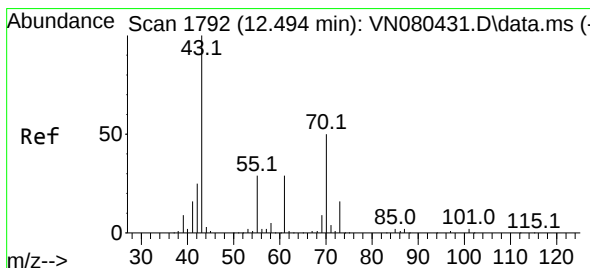
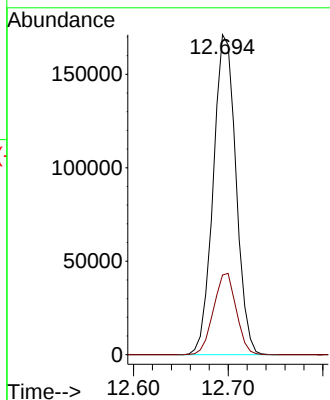
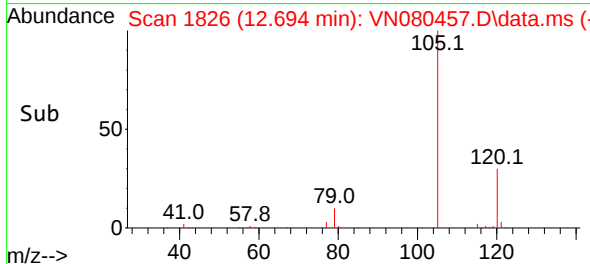
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion:105 Resp: 28568
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

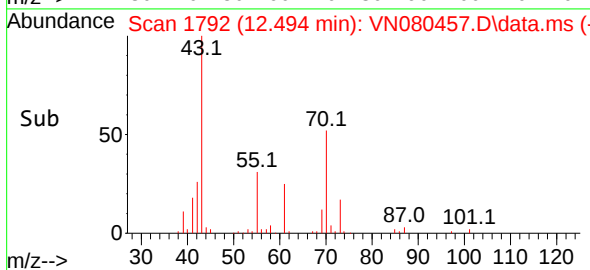
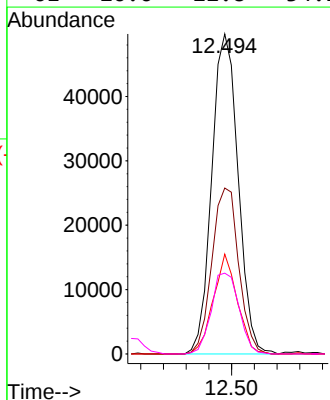
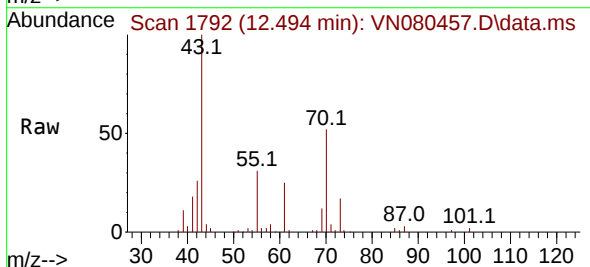
Manual Integrations
APPROVED

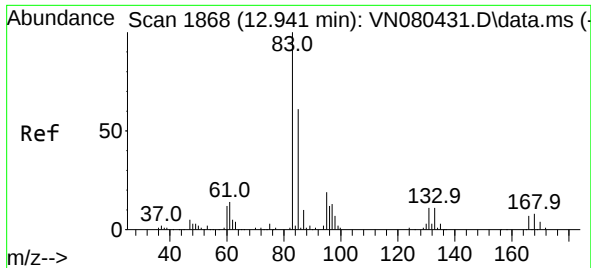
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#74
N-ethyl acetate
Concen: 17.934 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Tgt Ion: 43 Resp: 80138
Ion Ratio Lower Upper
43 100
70 52.9 43.4 65.2
55 28.6 21.4 32.0
61 26.6 22.8 34.2





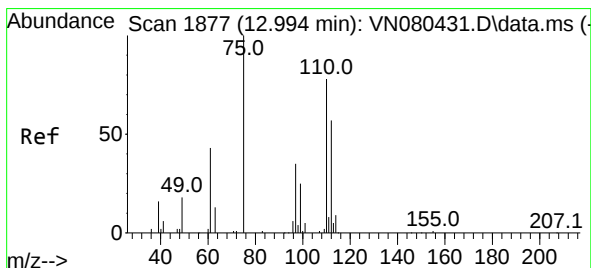
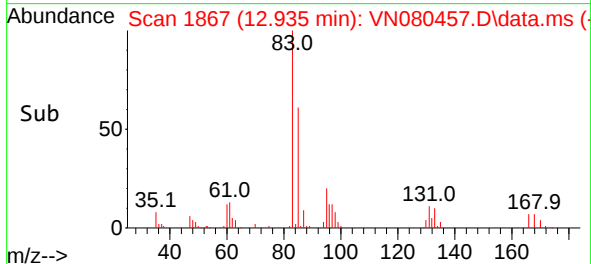
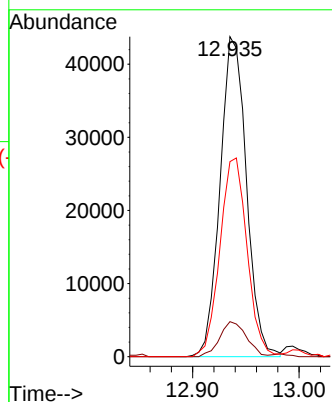
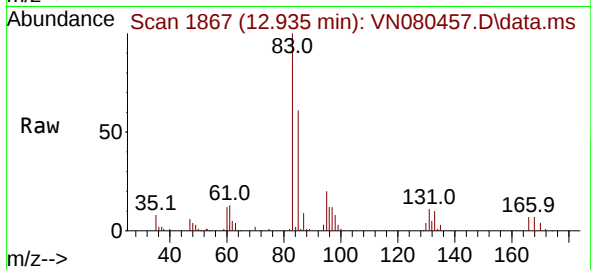
#75
1,1,2,2-Tetrachloroethane
Concen: 18.351 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01

Tgt Ion: 83 Resp: 75248
Ion Ratio Lower Upper
83 100
131 11.1 5.0 15.0
85 64.0 31.9 95.7

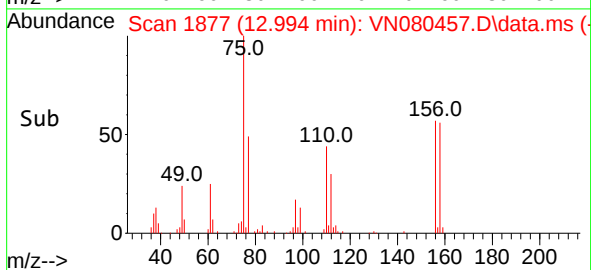
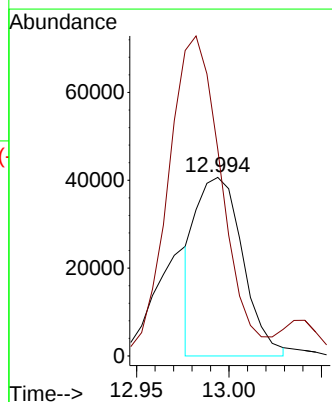
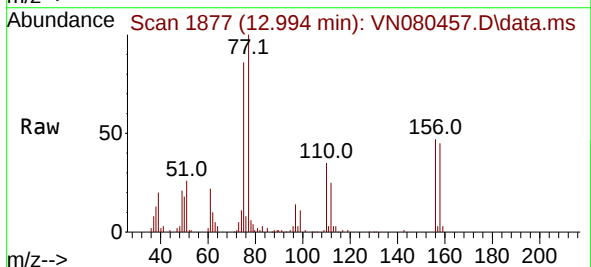
Manual Integrations
APPROVED

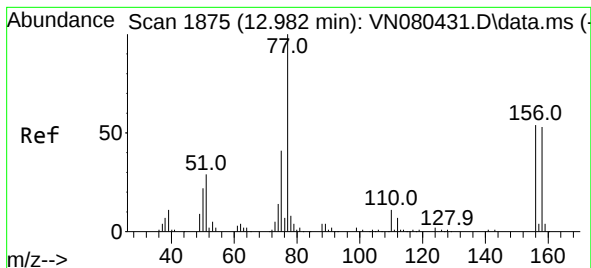
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#76
1,2,3-Trichloropropane
Concen: 18.852 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Tgt Ion: 75 Resp: 71641
Ion Ratio Lower Upper
75 100
77 205.5 84.5 253.5





#77

Bromobenzene

Concen: 18.688 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

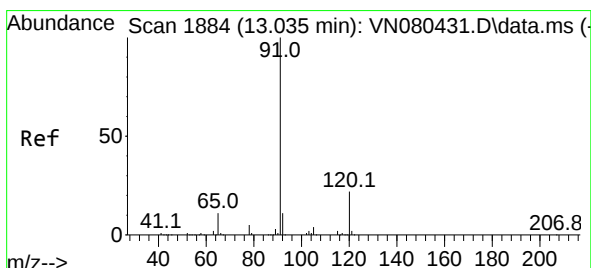
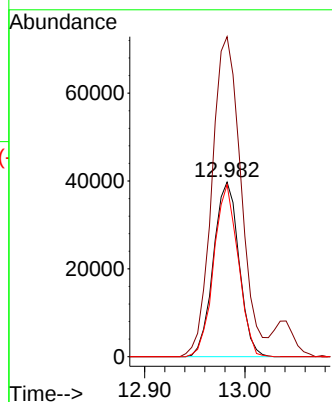
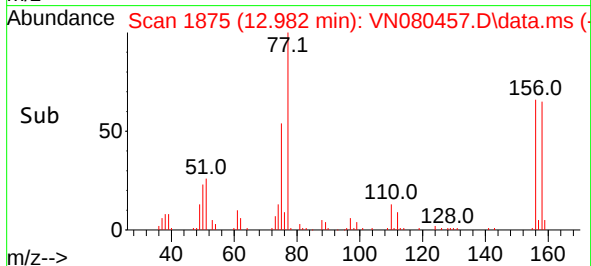
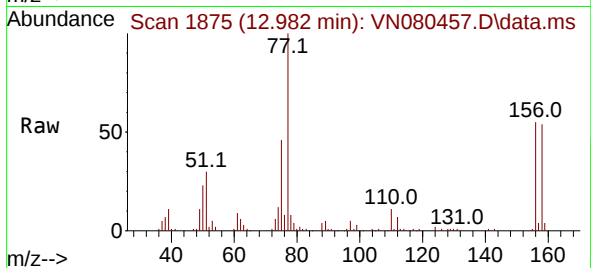
Tgt Ion:156 Resp: 70348
 Ion Ratio Lower Upper
 156 100
 77 209.3 107.7 323.3
 158 94.2 48.4 145.3

Manual Integrations

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Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#78

n-propylbenzene

Concen: 18.735 ug/l

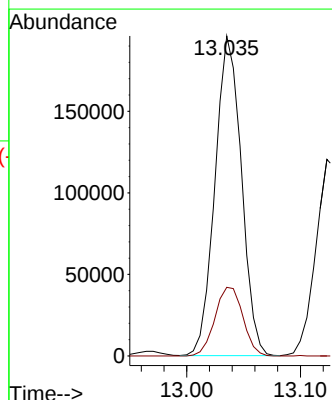
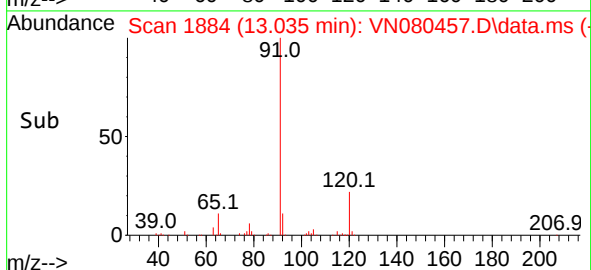
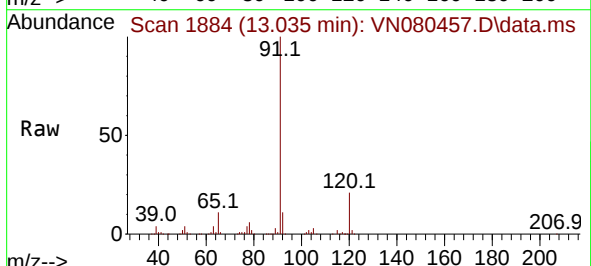
RT: 13.035 min Scan# 1884

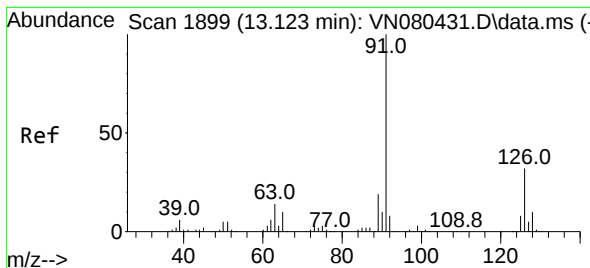
Delta R.T. 0.000 min

Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

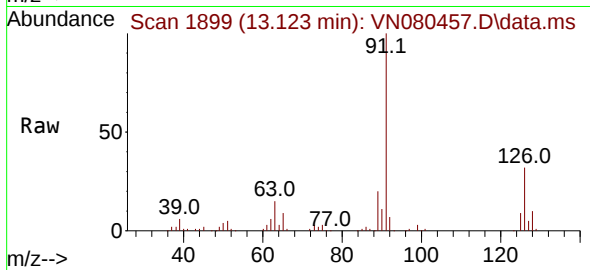
Tgt Ion: 91 Resp: 316086
 Ion Ratio Lower Upper
 91 100
 120 22.8 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.786 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

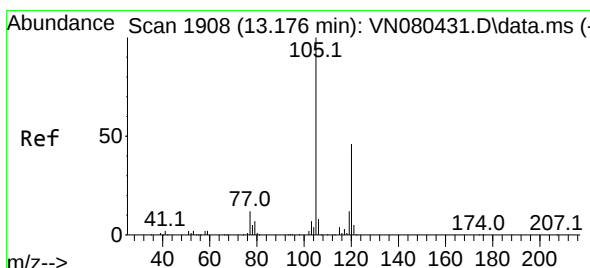
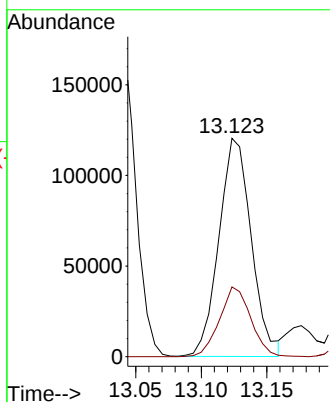
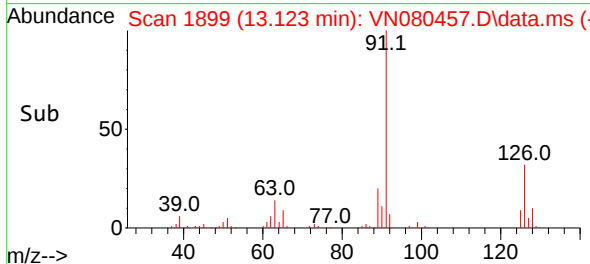
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



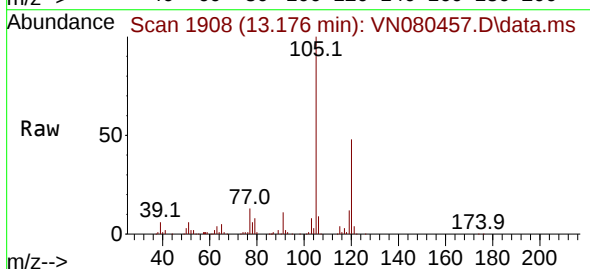
Tgt Ion: 91 Resp: 20692
Ion Ratio Lower Upper
91 100
126 30.9 16.3 48.8

Manual Integrations
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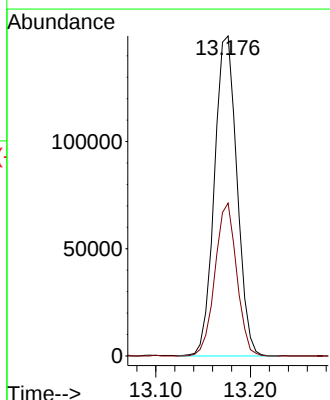
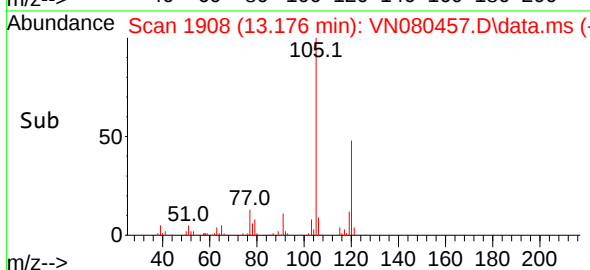
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

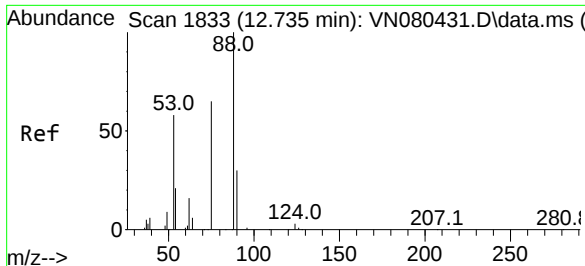


#80
1,3,5-Trimethylbenzene
Concen: 18.743 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19



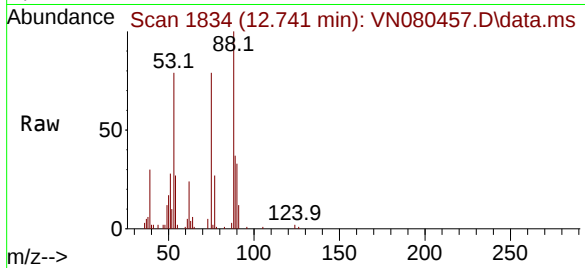
Tgt Ion:105 Resp: 247015
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.749 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

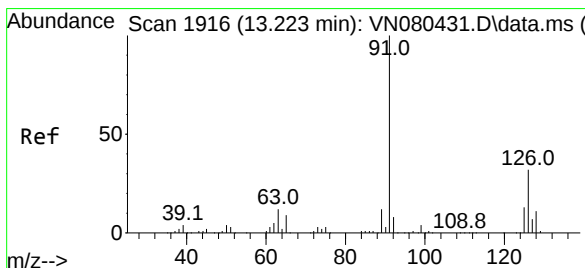
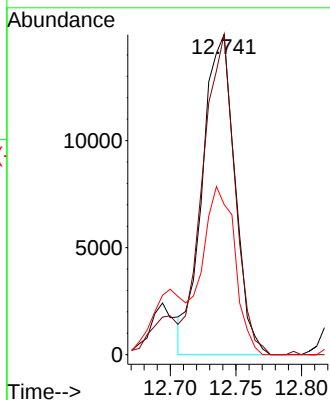
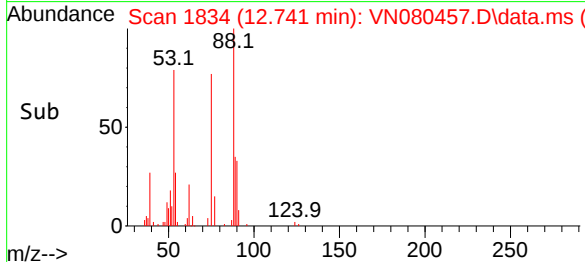
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



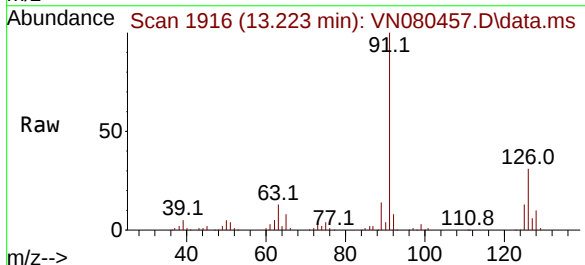
Tgt Ion: 75 Resp: 25689
Ion Ratio Lower Upper
75 100
53 109.1 67.4 101.2
89 52.7 38.8 58.2

Manual Integrations
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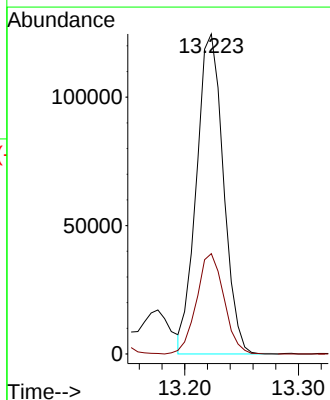
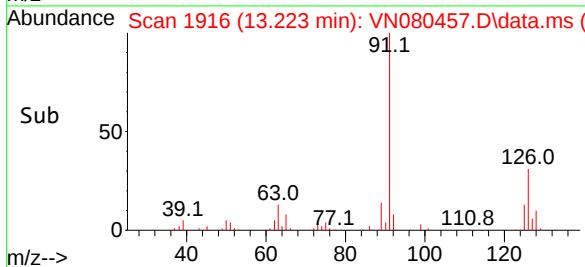
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

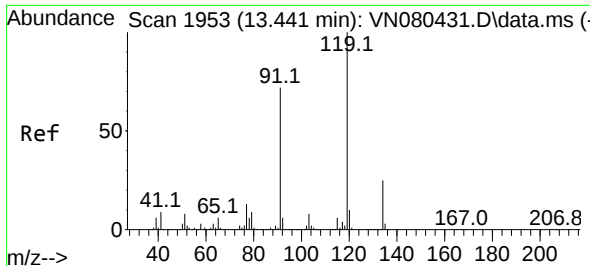


#82
4-Chlorotoluene
Concen: 18.110 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19



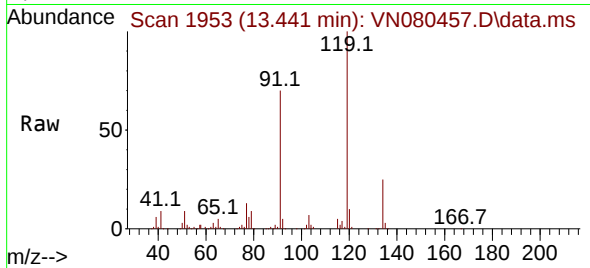
Tgt Ion: 91 Resp: 205043
Ion Ratio Lower Upper
91 100
126 31.9 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.608 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

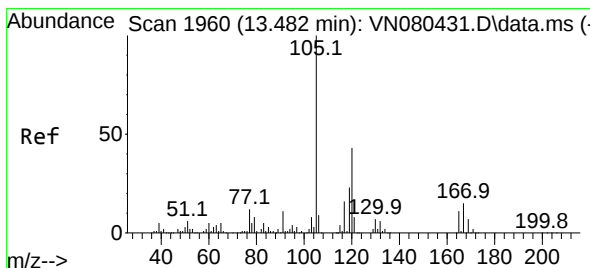
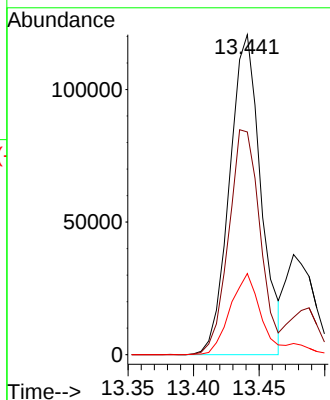
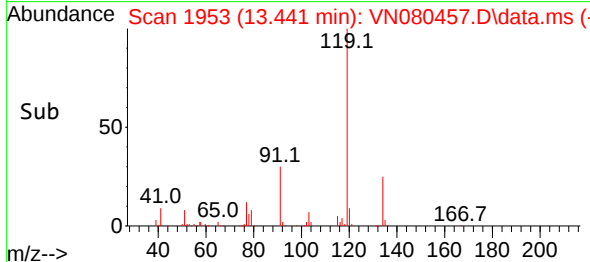
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



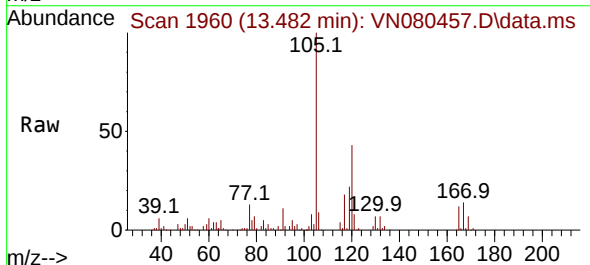
Tgt Ion:119 Resp: 200840
Ion Ratio Lower Upper
119 100
91 70.4 33.9 101.7
134 27.0 13.2 39.6

Manual Integrations
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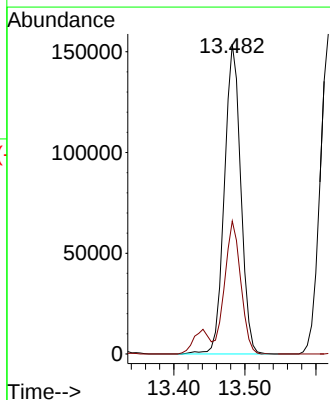
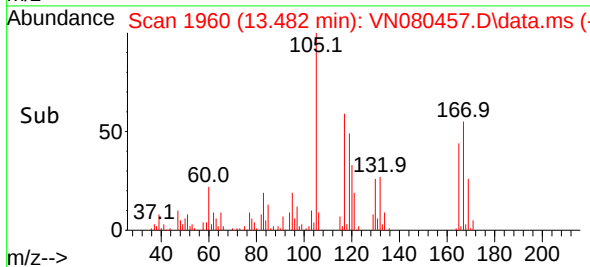
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

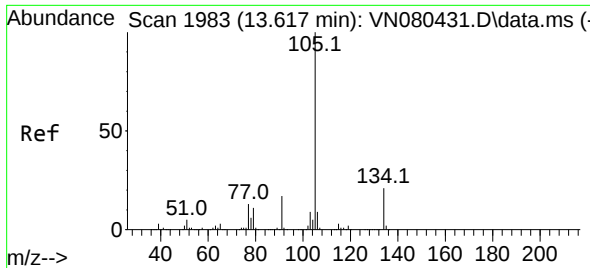


#84
1,2,4-Trimethylbenzene
Concen: 18.733 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19



Tgt Ion:105 Resp: 245603
Ion Ratio Lower Upper
105 100
120 42.4 22.0 66.0





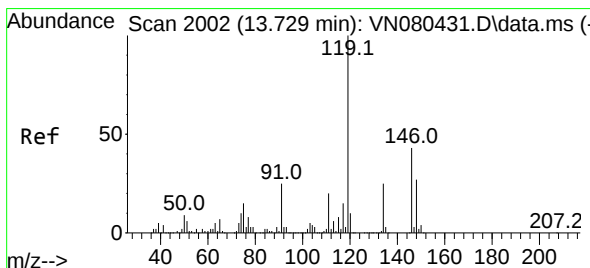
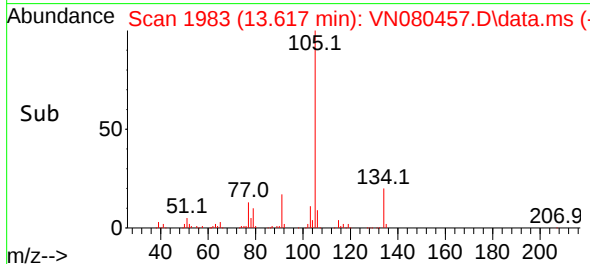
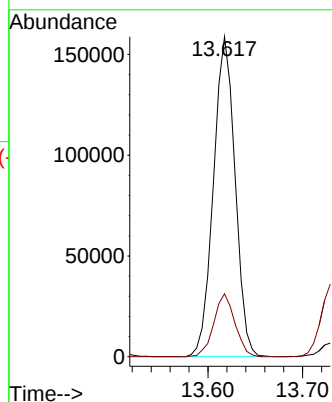
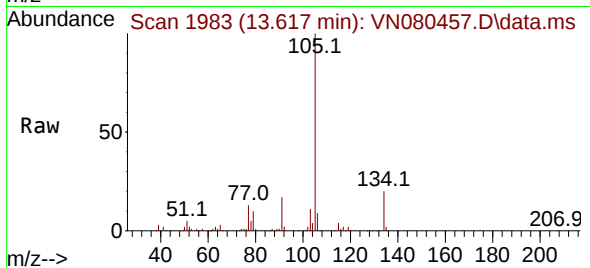
#85
 sec-Butylbenzene
 Concen: 18.256 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080457.D
 Acq: 13 Dec 2023 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBSD01

Tgt Ion:105 Resp: 252050
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

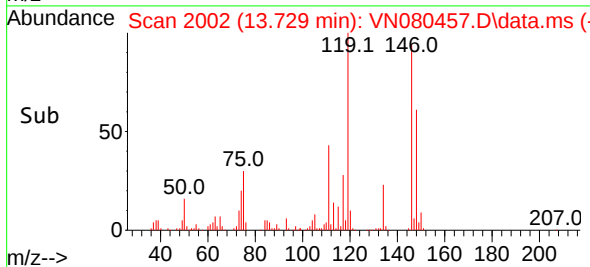
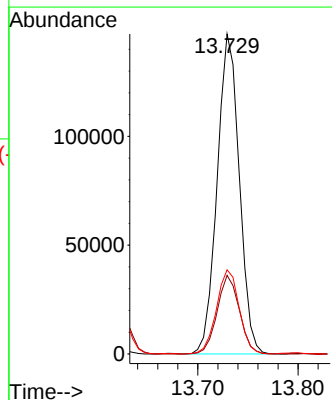
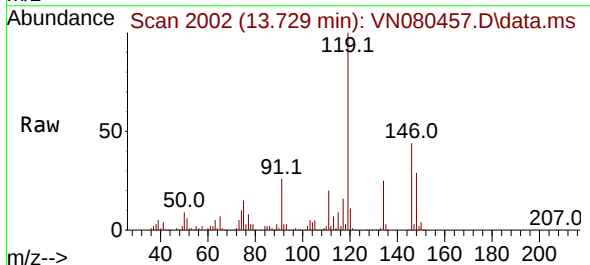
Manual Integrations
 APPROVED

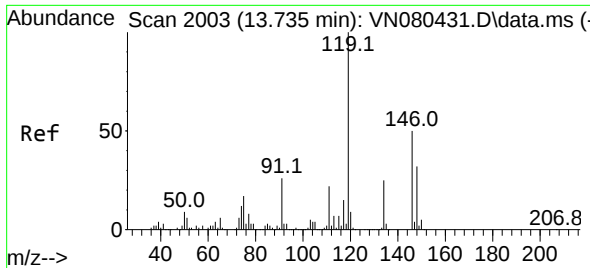
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#86
 p-Isopropyltoluene
 Concen: 18.070 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080457.D
 Acq: 13 Dec 2023 13:19

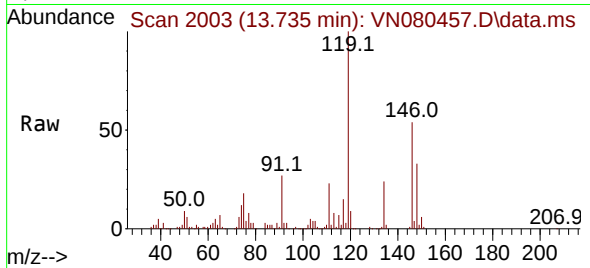
Tgt Ion:119 Resp: 225275
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 26.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.599 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

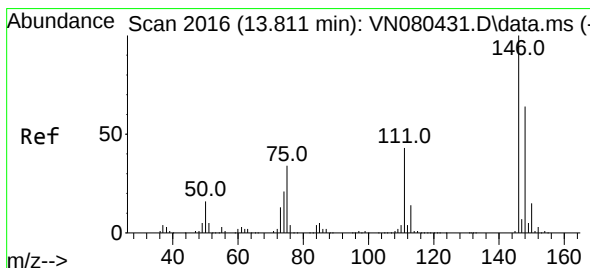
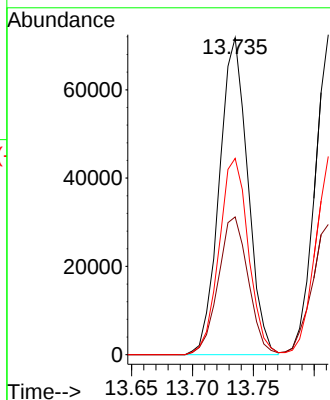
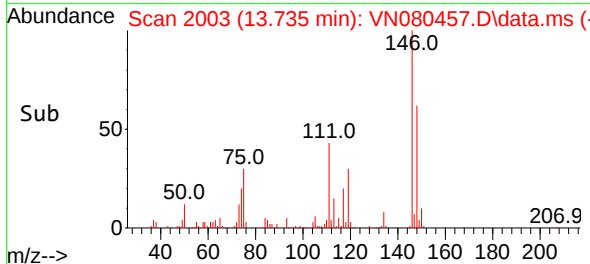
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



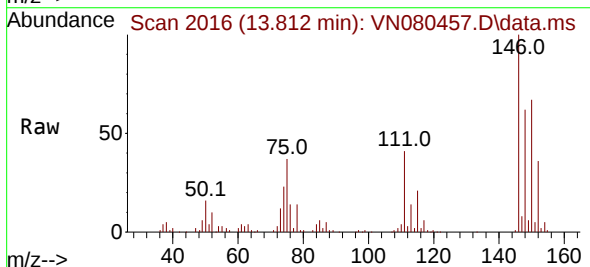
Tgt Ion:146 Resp: 116729
Ion Ratio Lower Upper
146 100
111 45.7 22.1 66.3
148 64.1 32.0 96.0

Manual Integrations
APPROVED

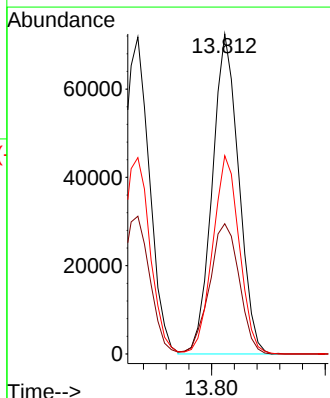
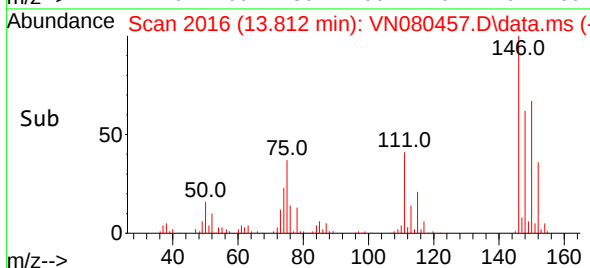
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

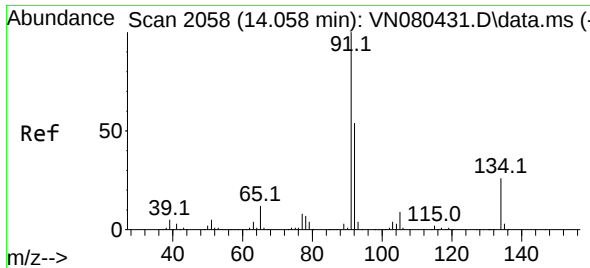


#88
1,4-Dichlorobenzene
Concen: 17.510 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19



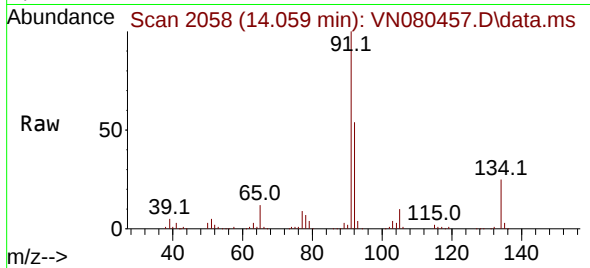
Tgt Ion:146 Resp: 117231
Ion Ratio Lower Upper
146 100
111 45.7 20.6 61.8
148 62.3 31.6 94.8





#89
n-Butylbenzene
Concen: 17.443 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

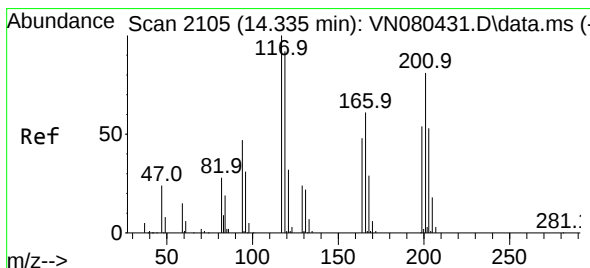
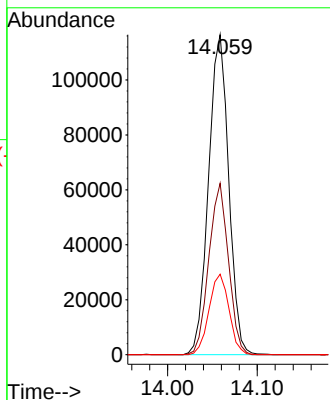
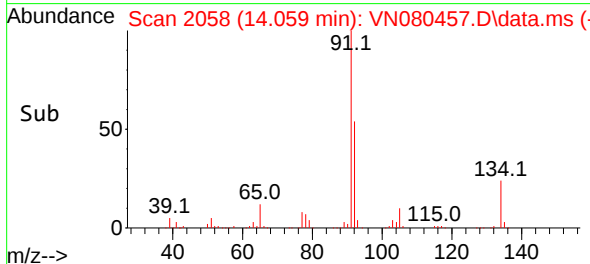
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion: 91 Resp: 18159
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 25.0 12.6 37.6

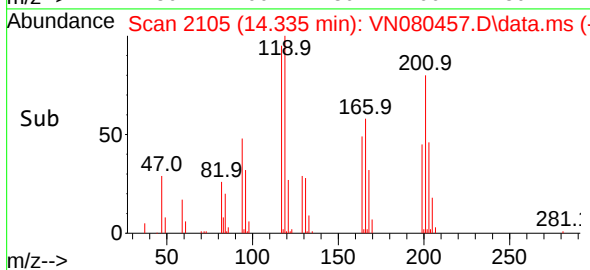
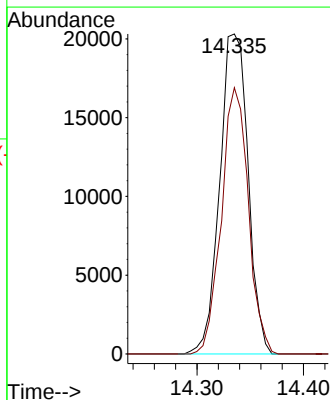
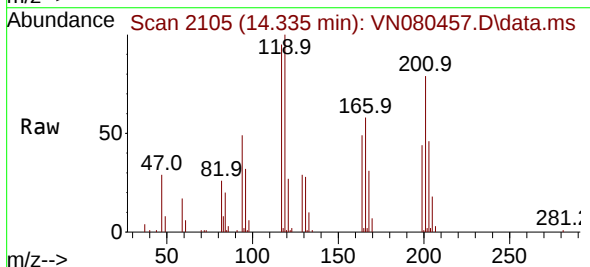
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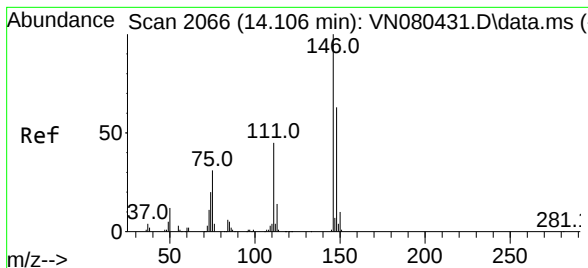
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#90
Hexachloroethane
Concen: 18.972 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

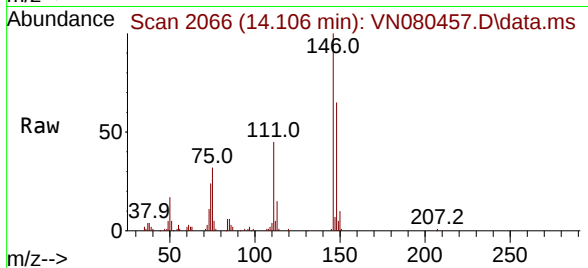
Tgt Ion:117 Resp: 37561
Ion Ratio Lower Upper
117 100
201 79.1 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 17.966 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

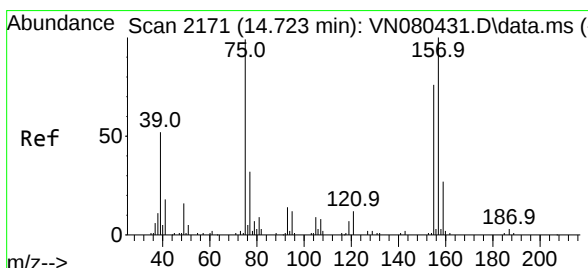
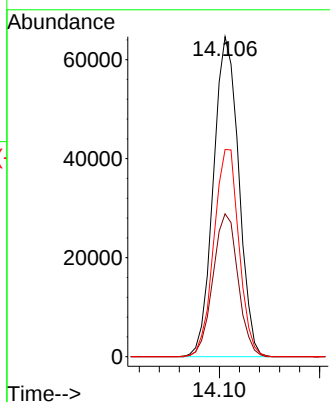
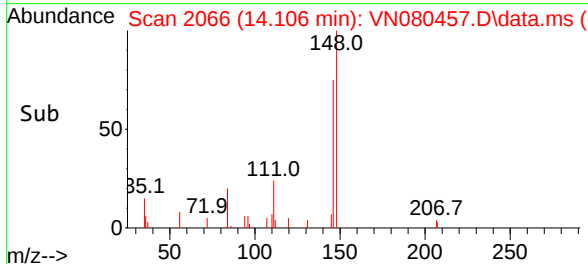
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



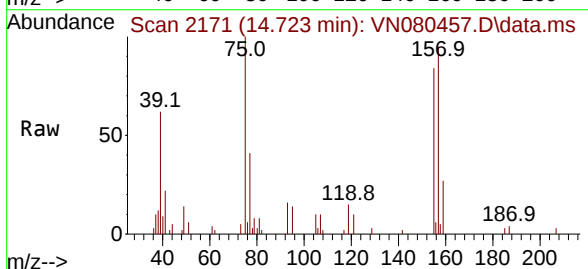
Tgt Ion:146 Resp: 113148
Ion Ratio Lower Upper
146 100
111 44.3 22.0 66.0
148 64.2 31.8 95.3

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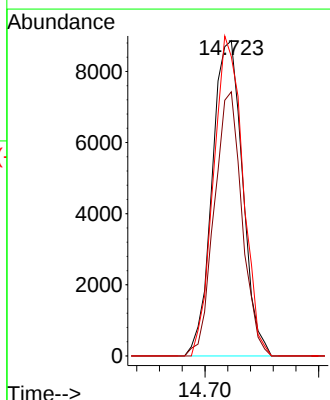
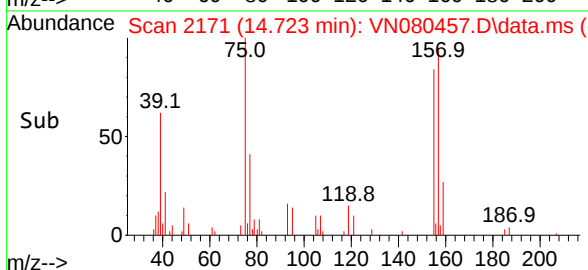
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

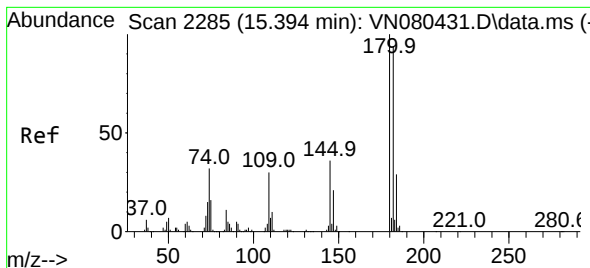


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.071 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19



Tgt Ion: 75 Resp: 16449
Ion Ratio Lower Upper
75 100
155 76.7 39.1 117.2
157 98.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.268 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD01

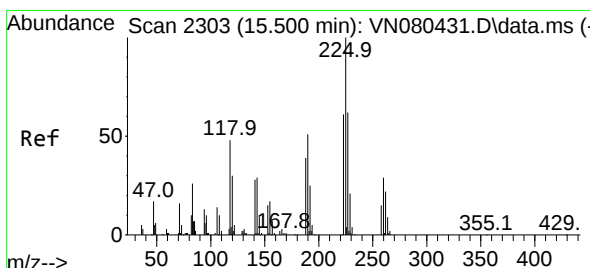
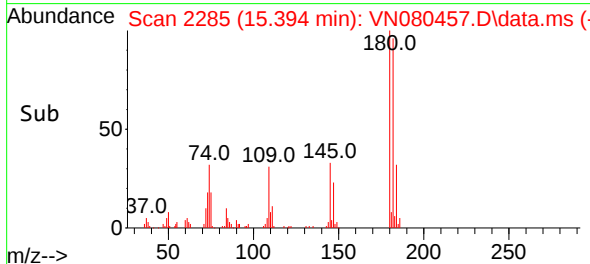
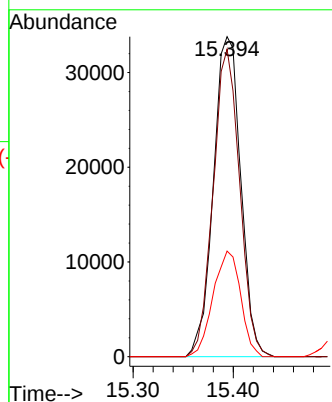
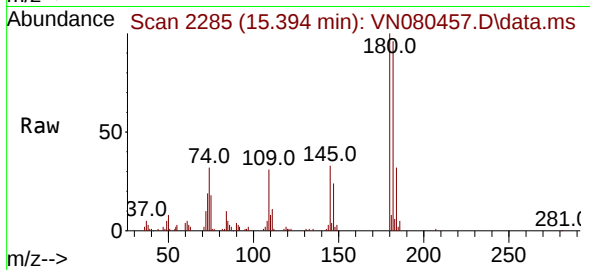
Tgt Ion:	180	Resp:	63879
Ion Ratio	Lower	Upper	
180	100		
182	93.0	46.1	138.2
145	33.2	16.6	49.8

Manual Integrations

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Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#94

Hexachlorobutadiene

Concen: 16.390 ug/l

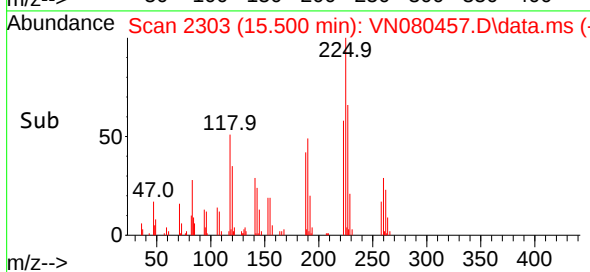
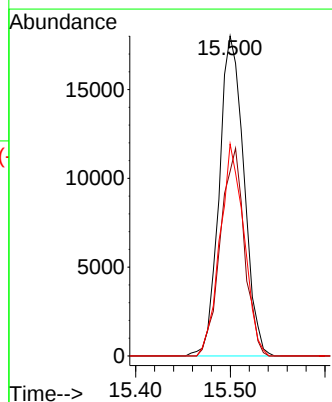
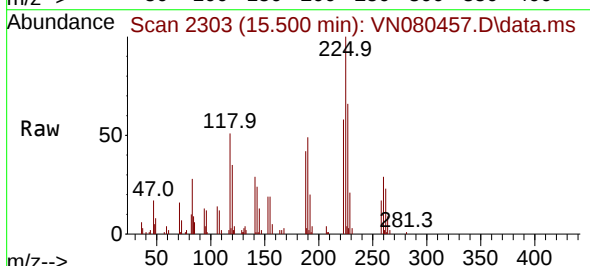
RT: 15.500 min Scan# 2303

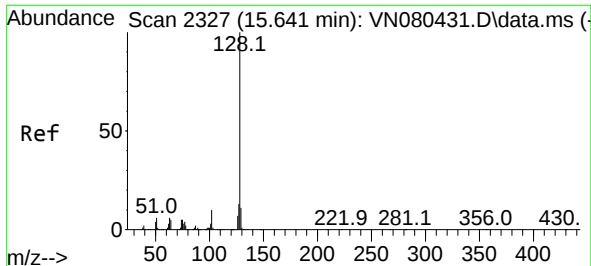
Delta R.T. 0.000 min

Lab File: VN080457.D

Acq: 13 Dec 2023 13:19

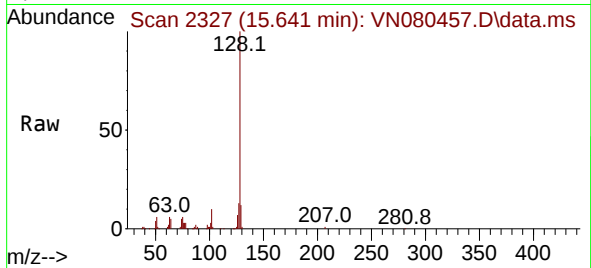
Tgt Ion:	225	Resp:	32628
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.3	93.8
227	64.6	31.9	95.9





#95
Naphthalene
Concen: 17.551 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

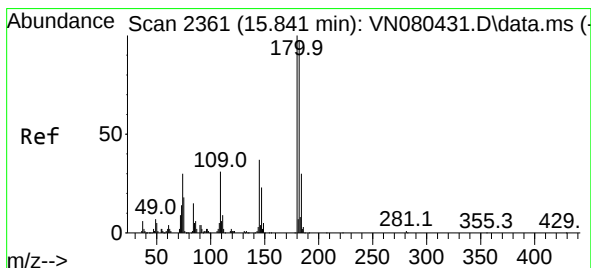
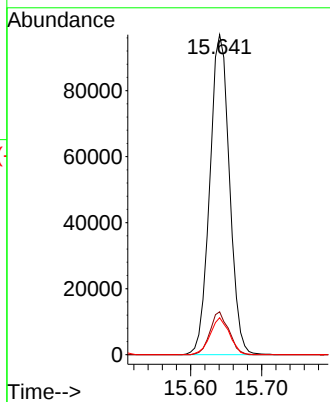
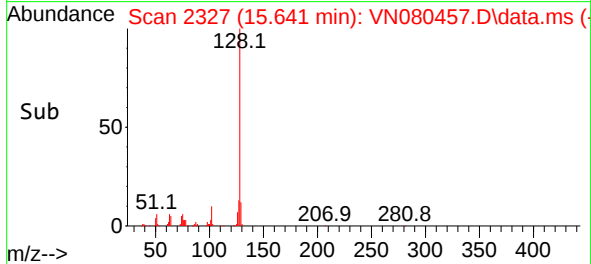
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD01



Tgt Ion:128 Resp: 186350
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.4 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.080 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080457.D
Acq: 13 Dec 2023 13:19

Tgt Ion:180 Resp: 61008
Ion Ratio Lower Upper
180 100
182 92.2 46.2 138.6
145 34.7 17.5 52.6

