

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121423\
 Data File : VN080481.D
 Acq On : 14 Dec 2023 14:11
 Operator : JC\MD
 Sample : VN1214WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS02

Quant Time: Dec 15 00:26:15 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/15/2023
 Supervised By : Mahesh Dadoda 12/15/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	236503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	377585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	339694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169303	56.048	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.100%			
35) Dibromofluoromethane	8.165	113	127076	53.080	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.160%			
50) Toluene-d8	10.565	98	444030	49.732	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.460%			
62) 4-Bromofluorobenzene	12.847	95	165260	48.744	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53002	17.537	ug/l	96
3) Chloromethane	2.359	50	52892	16.446	ug/l	97
4) Vinyl Chloride	2.512	62	42059	16.295	ug/l	92
5) Bromomethane	2.965	94	21500	18.476	ug/l	100
6) Chloroethane	3.124	64	29075	17.530	ug/l #	85
7) Trichlorofluoromethane	3.500	101	94229	18.000	ug/l	90
8) Diethyl Ether	3.959	74	31156	18.895	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	45886	18.493	ug/l	96
10) Methyl Iodide	4.589	142	35509	16.269	ug/l #	96
11) Tert butyl alcohol	5.506	59	31629	88.907	ug/l #	88
12) 1,1-Dichloroethene	4.336	96	43512	17.114	ug/l	92
13) Acrolein	4.177	56	33877	86.953	ug/l	97
14) Allyl chloride	5.024	41	54624	17.365	ug/l	95
15) Acrylonitrile	5.712	53	97036	96.534	ug/l	98
16) Acetone	4.418	43	65409	122.122	ug/l	90
17) Carbon Disulfide	4.718	76	116269	16.137	ug/l	96
18) Methyl Acetate	5.018	43	66720	19.360	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	165887	19.556	ug/l	96
20) Methylene Chloride	5.271	84	54170	18.899	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	49905	18.103	ug/l	93
22) Diisopropyl ether	6.671	45	132148	19.464	ug/l	97
23) Vinyl Acetate	6.600	43	354854	91.004	ug/l	95
24) 1,1-Dichloroethane	6.565	63	90212	19.045	ug/l	98
25) 2-Butanone	7.483	43	109290	105.922	ug/l	91
26) 2,2-Dichloropropane	7.483	77	89415	18.460	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	58106	18.621	ug/l	89
28) Bromochloromethane	7.812	49	34386	18.907	ug/l	97
29) Tetrahydrofuran	7.835	42	68475	92.678	ug/l	95
30) Chloroform	7.965	83	103574	19.699	ug/l	93
31) Cyclohexane	8.259	56	67390	16.405	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	97412	18.922	ug/l	97
36) 1,1-Dichloropropene	8.365	75	69701	17.806	ug/l	95
37) Ethyl Acetate	7.559	43	45940	18.742	ug/l	96
38) Carbon Tetrachloride	8.359	117	84093	17.979	ug/l	94
39) Methylcyclohexane	9.600	83	63439	15.601	ug/l	94
40) Benzene	8.606	78	208453	18.442	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	25506	18.049	ug/l	94
42) 1,2-Dichloroethane	8.671	62	87917	21.004	ug/l	98
43) Isopropyl Acetate	8.688	43	81638	18.523	ug/l	97
44) Trichloroethene	9.353	130	54258	17.806	ug/l	92
45) 1,2-Dichloropropane	9.624	63	49110	18.498	ug/l	95
46) Dibromomethane	9.706	93	37135	19.478	ug/l	90
47) Bromodichloromethane	9.888	83	83910	20.536	ug/l	100
48) Methyl methacrylate	9.682	41	48435	18.416	ug/l	92
49) 1,4-Dioxane	9.688	88	12970	325.345	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	233350	96.135	ug/l	99
52) Toluene	10.629	92	134088	18.778	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	85635	19.370	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	91107	19.281	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	50008	19.463	ug/l	96
56) Ethyl methacrylate	10.876	69	51974	18.271	ug/l	92
57) 1,3-Dichloropropane	11.165	76	86990	19.313	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	197035	109.717	ug/l	99
59) 2-Hexanone	11.194	43	164840	91.989	ug/l	99
60) Dibromochloromethane	11.359	129	59841	19.654	ug/l	99
61) 1,2-Dibromoethane	11.471	107	52024	19.563	ug/l	97
64) Tetrachloroethene	11.106	164	46897	17.881	ug/l	90
65) Chlorobenzene	11.894	112	138088	18.274	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	56828	19.166	ug/l	93
67) Ethyl Benzene	11.965	91	240509	17.310	ug/l	97
68) m/p-Xylenes	12.070	106	182817	35.607	ug/l	90
69) o-Xylene	12.400	106	88983	17.719	ug/l	91
70) Styrene	12.412	104	131800	18.220	ug/l	94
71) Bromoform	12.582	173	39598	18.313	ug/l #	99
73) Isopropylbenzene	12.694	105	226678	17.818	ug/l	98
74) N-amyl acetate	12.494	43	63140	16.996	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	61589	18.067	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	68877m	21.801	ug/l	
77) Bromobenzene	12.982	156	57361	18.329	ug/l	96
78) n-propylbenzene	13.035	91	246659	17.585	ug/l	100
79) 2-Chlorotoluene	13.123	91	166011	18.128	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	195116	17.808	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	21453	17.829	ug/l	91
82) 4-Chlorotoluene	13.223	91	165226	17.554	ug/l	97
83) tert-Butylbenzene	13.441	119	151861	16.924	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	197659	18.134	ug/l	97
85) sec-Butylbenzene	13.617	105	190605	16.605	ug/l	98
86) p-Isopropyltoluene	13.729	119	177289	17.106	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	96773	17.550	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	100680	18.088	ug/l	97
89) n-Butylbenzene	14.059	91	139643	16.134	ug/l	99
90) Hexachloroethane	14.335	117	28445	17.281	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	96506	18.431	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14414	20.102	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	52325	17.999	ug/l	97
94) Hexachlorobutadiene	15.506	225	27117	16.385	ug/l	98
95) Naphthalene	15.641	128	158077	17.907	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	50471	17.991	ug/l	96

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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

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

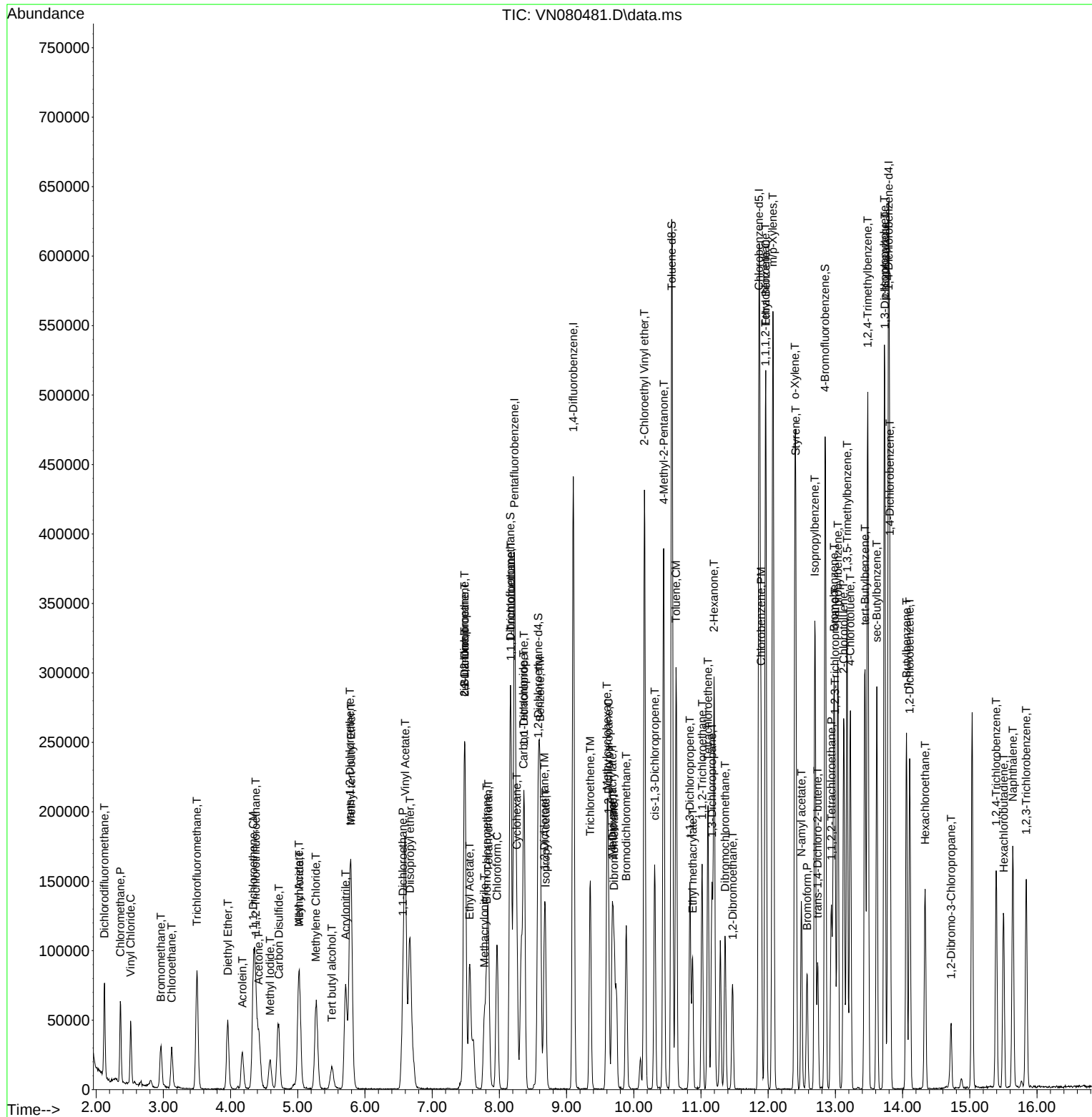
Manual Integrations

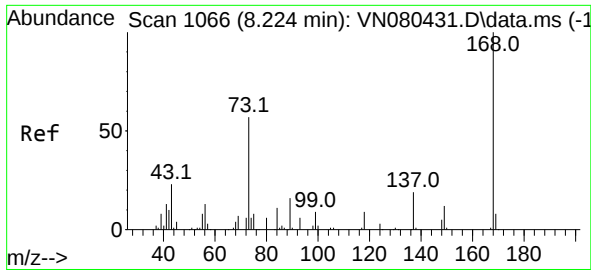
APPROVED

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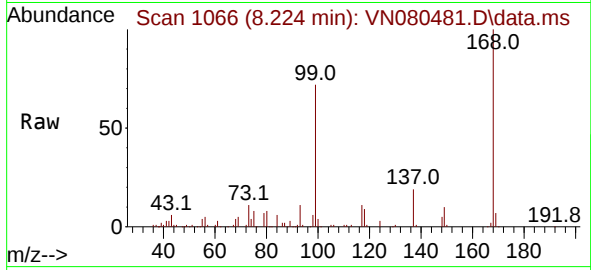
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

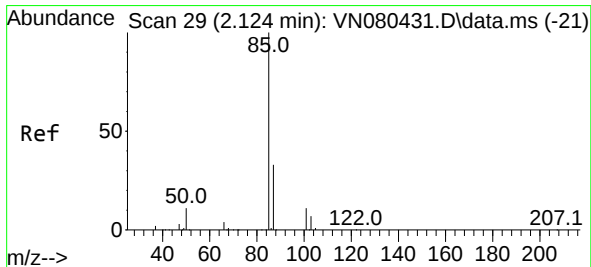
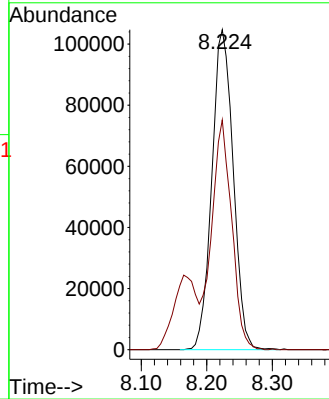
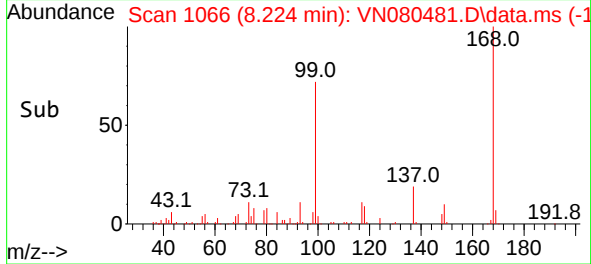
Instrument :
MSVOA_N
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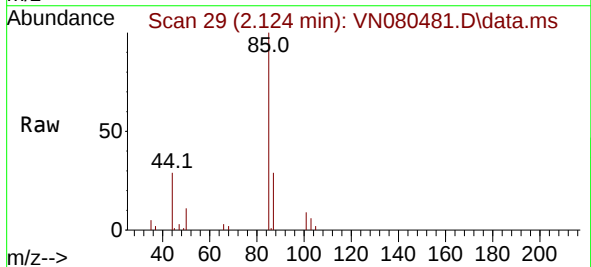
Tgt Ion:168 Resp: 236500
Ion Ratio Lower Upper
168 100
99 71.8 53.0 79.6

Manual Integrations
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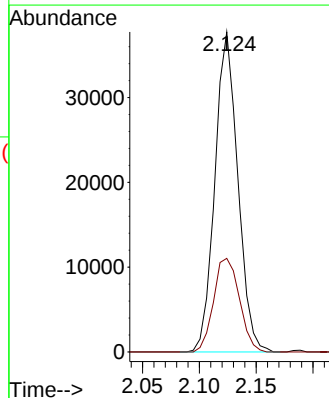
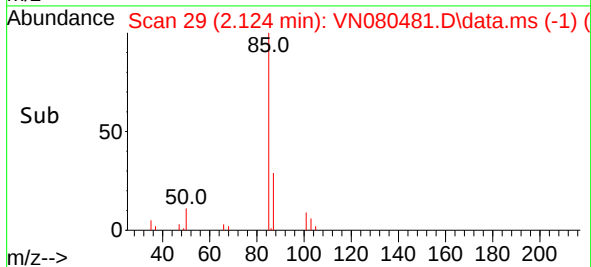
Reviewed By :John Carlone 12/15/2023
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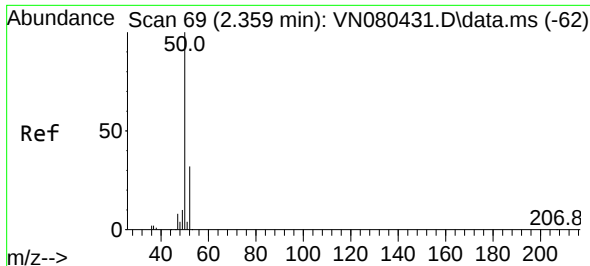


#2
Dichlorodifluoromethane
Concen: 17.537 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11



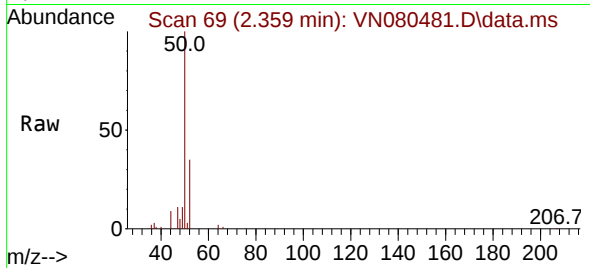
Tgt Ion: 85 Resp: 53002
Ion Ratio Lower Upper
85 100
87 29.3 15.8 47.4





#3
Chloromethane
Concen: 16.446 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

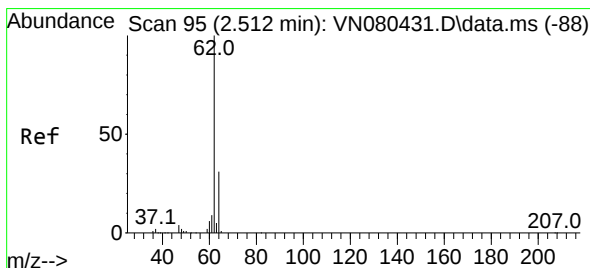
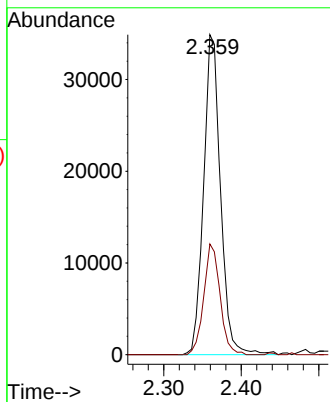
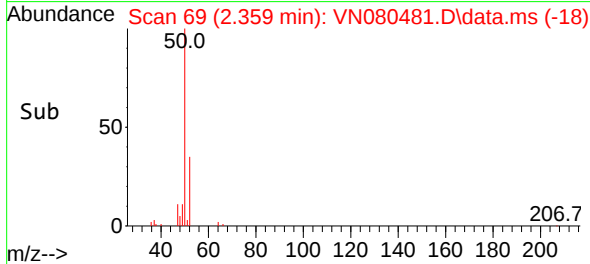
Instrument :
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Tgt Ion: 50 Resp: 5289
Ion Ratio Lower Upper
50 100
52 34.6 26.5 39.7

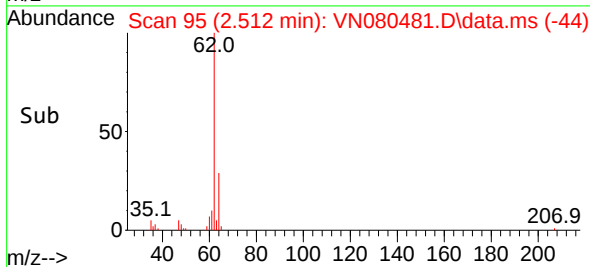
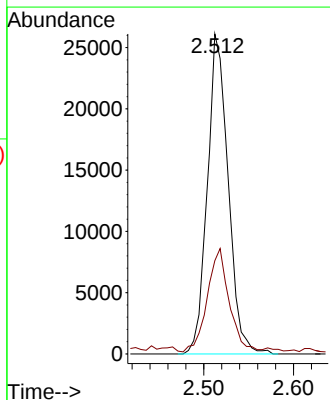
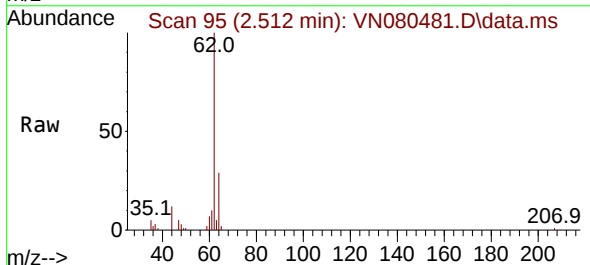
Manual Integrations
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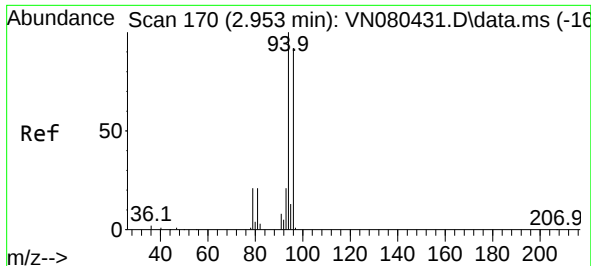
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#4
Vinyl Chloride
Concen: 16.295 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

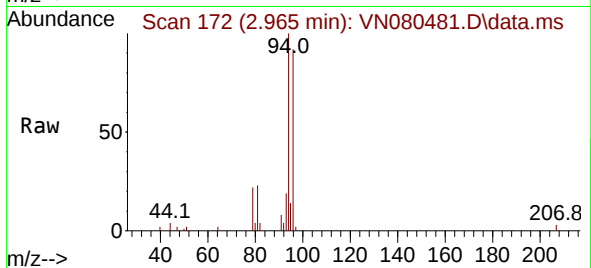
Tgt Ion: 62 Resp: 42059
Ion Ratio Lower Upper
62 100
64 28.2 26.2 39.2





#5
Bromomethane
Concen: 18.476 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

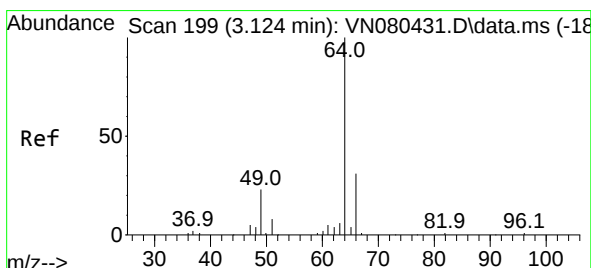
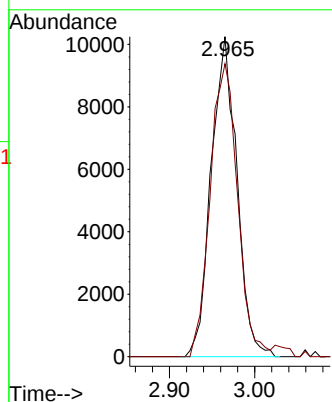
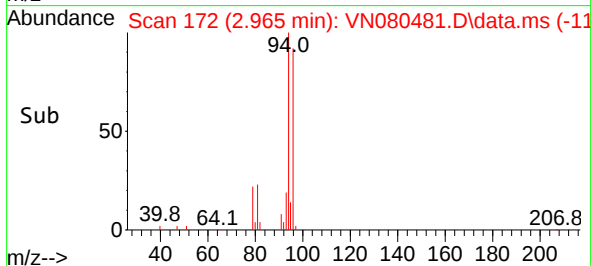
Instrument :
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Tgt Ion: 94 Resp: 21500
Ion Ratio Lower Upper
94 100
96 91.6 73.1 109.7

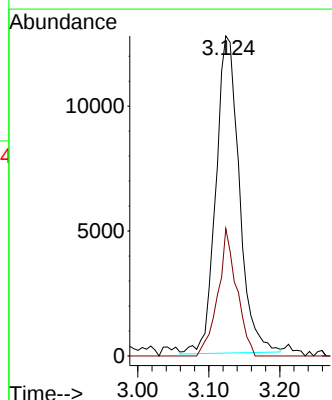
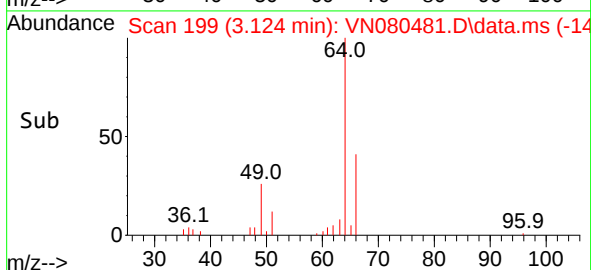
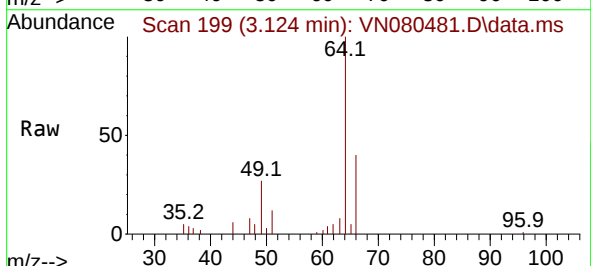
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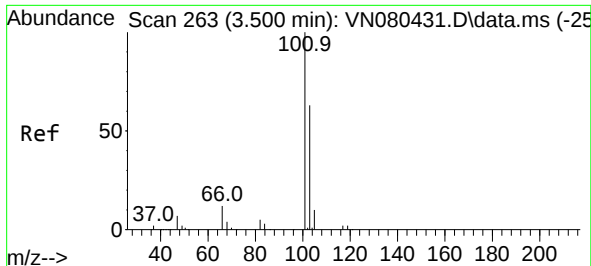
Reviewed By :John Carlone 12/15/2023
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#6
Chloroethane
Concen: 17.530 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 64 Resp: 29075
Ion Ratio Lower Upper
64 100
66 40.3 25.4 38.2#





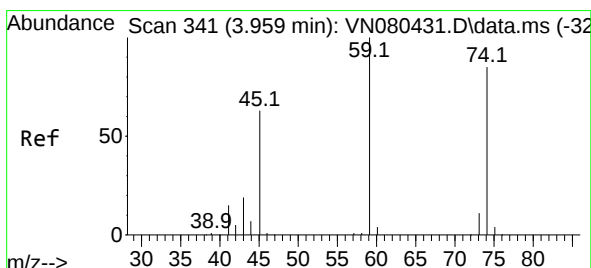
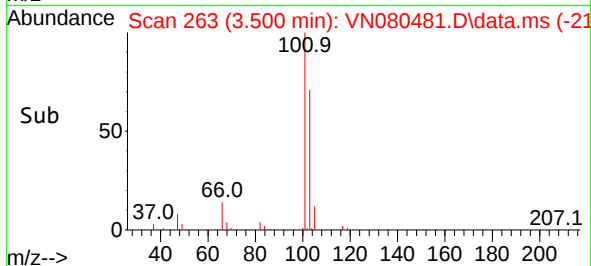
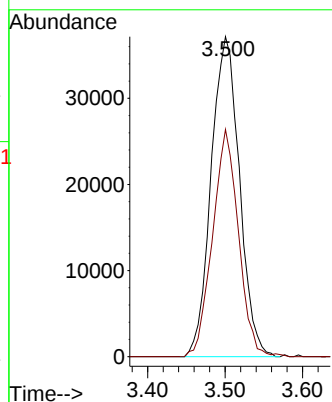
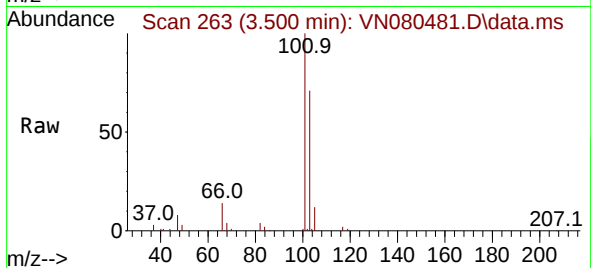
#7
Trichlorofluoromethane
Concen: 18.000 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 94229
Ion Ratio Lower Upper
101 100
103 71.0 50.7 76.1

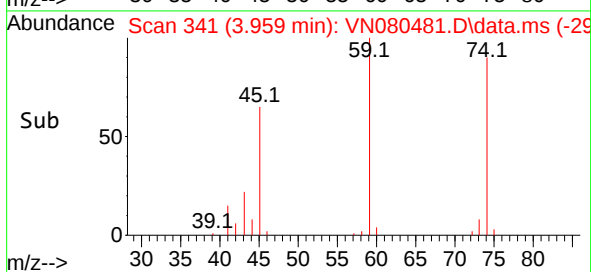
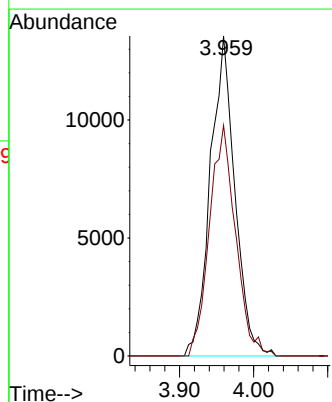
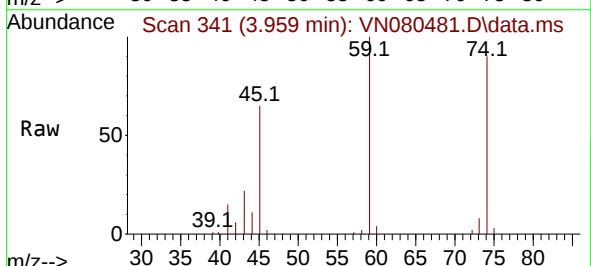
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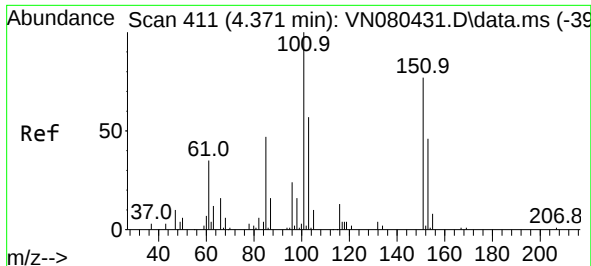
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#8
Diethyl Ether
Concen: 18.895 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 74 Resp: 31156
Ion Ratio Lower Upper
74 100
45 76.8 34.4 103.3





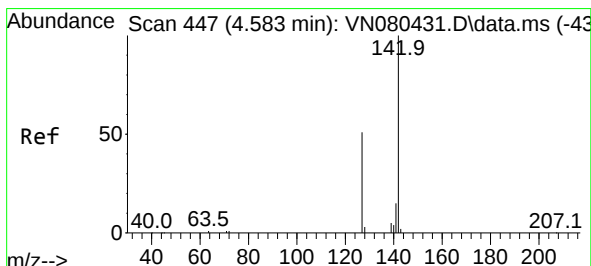
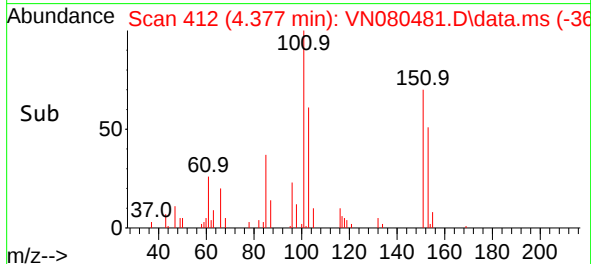
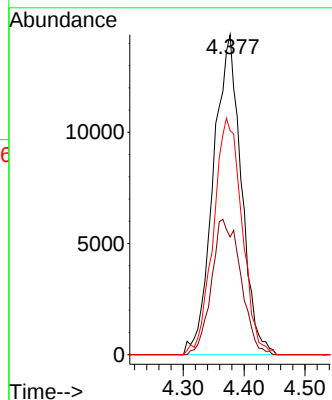
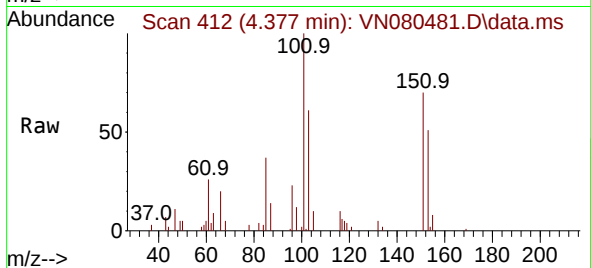
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.493 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion:101 Resp: 45880
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 75.8 57.6 86.4

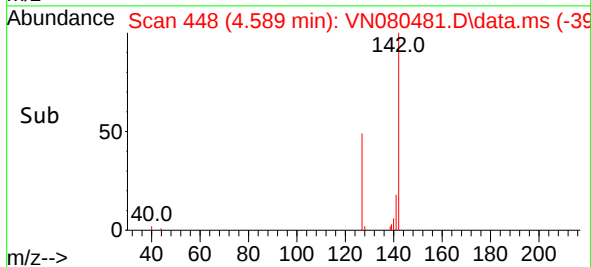
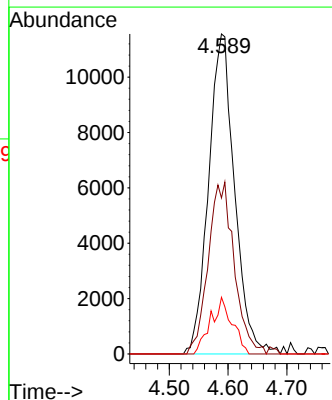
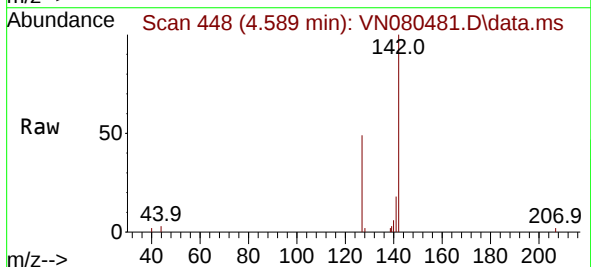
Manual Integrations
APPROVED

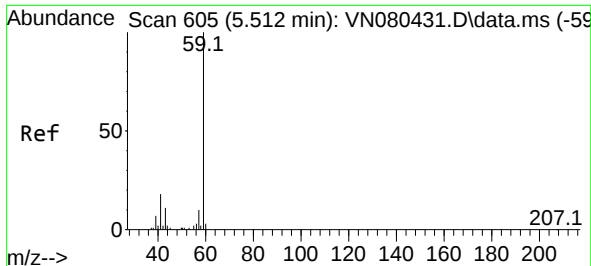
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#10
Methyl Iodide
Concen: 16.269 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

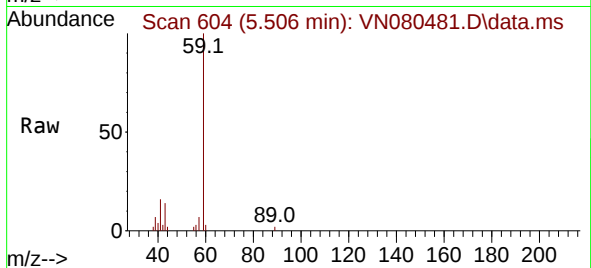
Tgt Ion:142 Resp: 35509
Ion Ratio Lower Upper
142 100
127 48.8 37.6 56.4
141 17.7 11.4 17.0#





#11
Tert butyl alcohol
Concen: 88.907 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

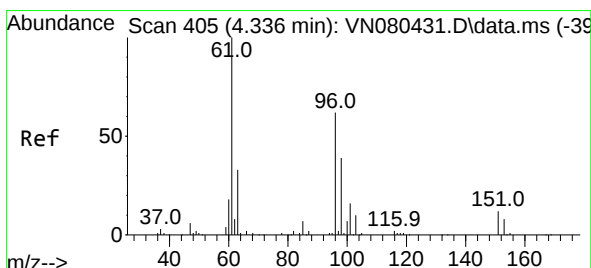
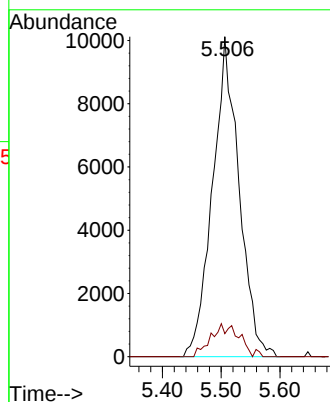
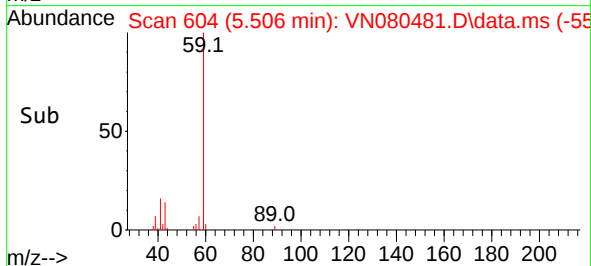
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion: 59 Resp: 31629
Ion Ratio Lower Upper
59 100
57 5.7 8.2 12.4

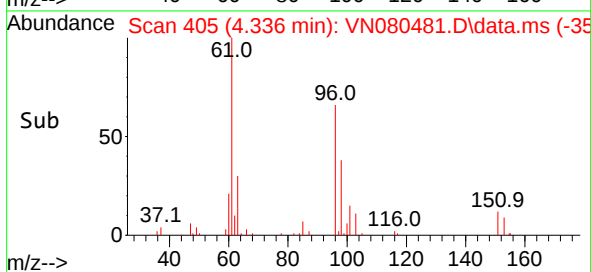
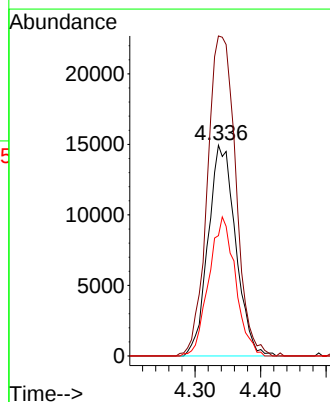
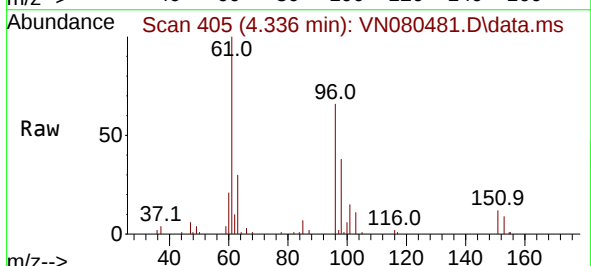
Manual Integrations
APPROVED

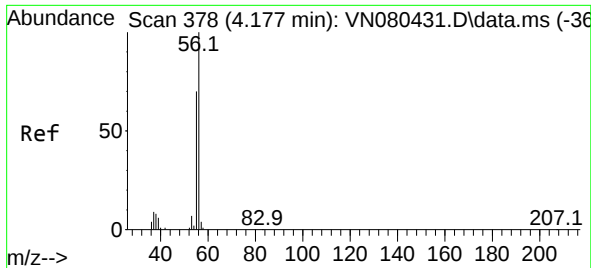
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#12
1,1-Dichloroethene
Concen: 17.114 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 96 Resp: 43512
Ion Ratio Lower Upper
96 100
61 150.7 112.7 169.1
98 57.1 51.2 76.8





#13

Acrolein

Concen: 86.953 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

Tgt Ion: 56 Resp: 3387

Ion Ratio Lower Upper

56 100

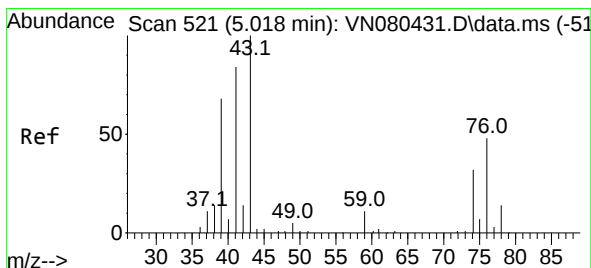
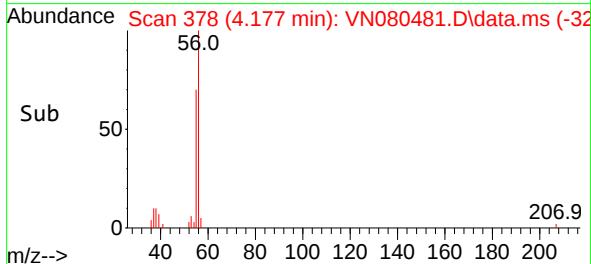
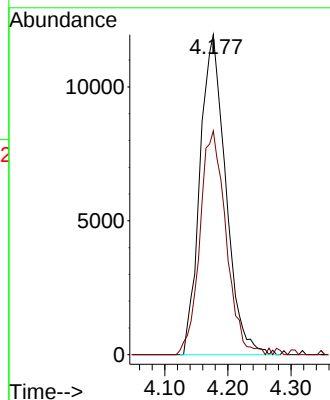
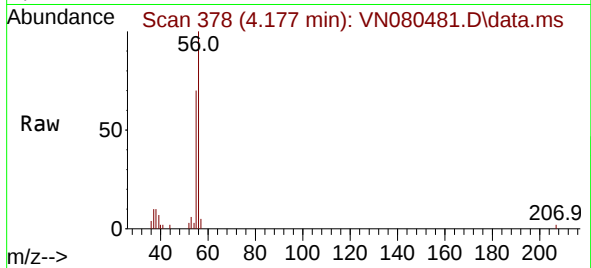
55 70.7 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#14

Allyl chloride

Concen: 17.365 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

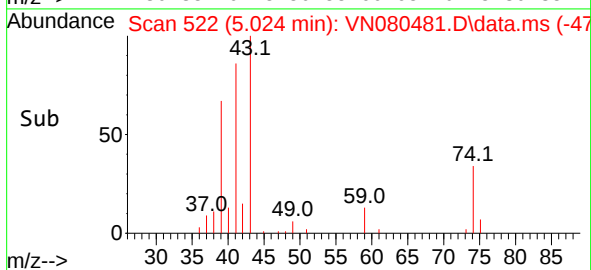
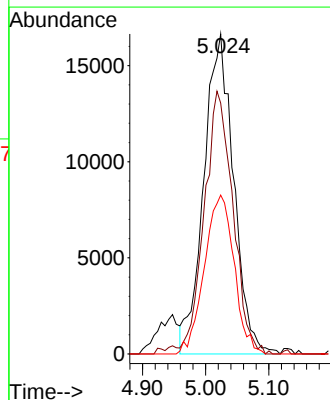
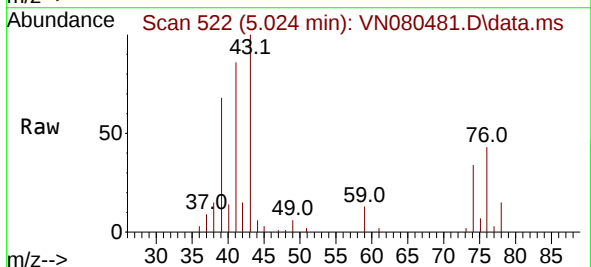
Tgt Ion: 41 Resp: 54624

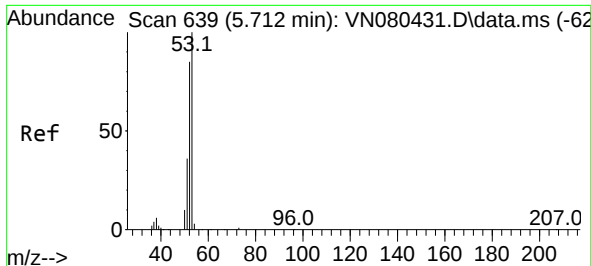
Ion Ratio Lower Upper

41 100

39 80.0 58.8 88.2

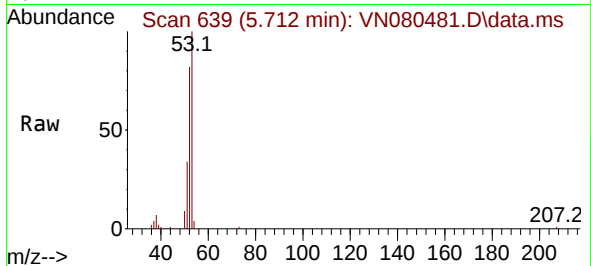
76 49.5 39.1 58.7





#15
Acrylonitrile
Concen: 96.534 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

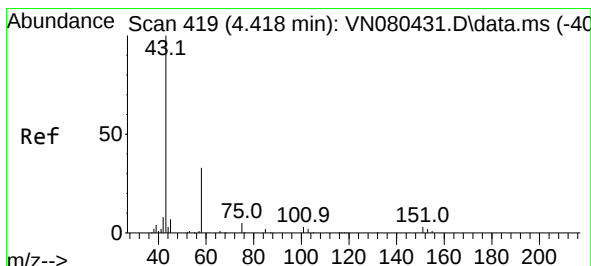
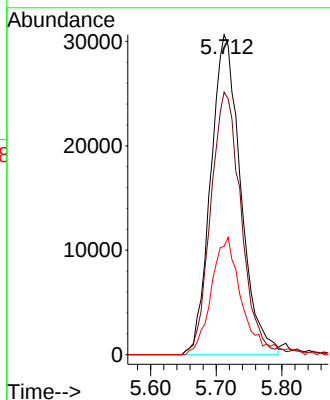
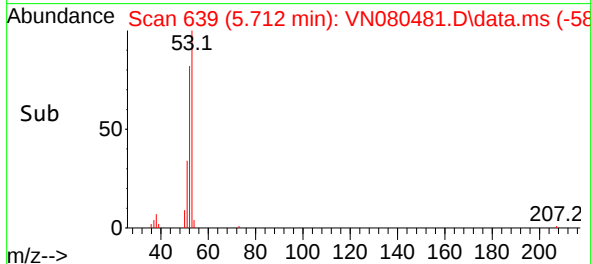
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion: 53 Resp: 97030
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 37.1 28.9 43.3

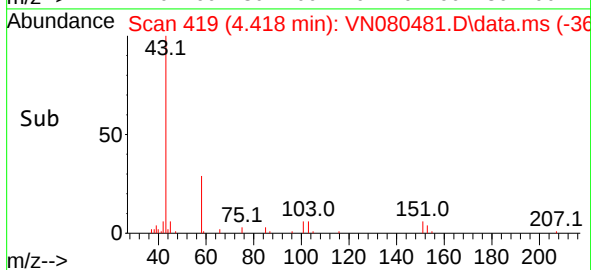
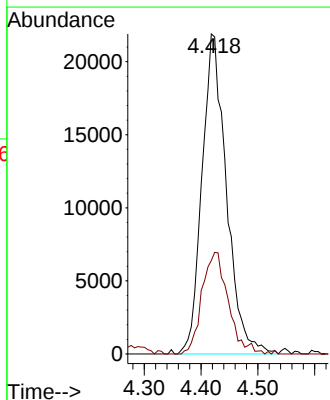
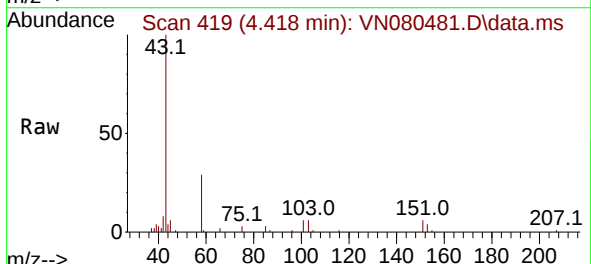
Manual Integrations
APPROVED

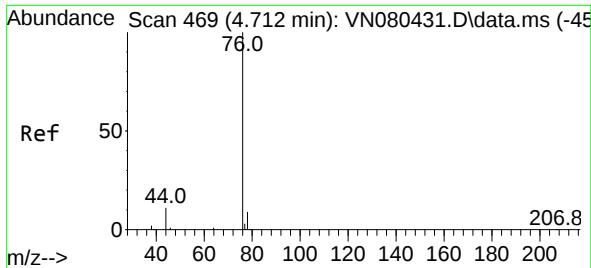
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#16
Acetone
Concen: 122.122 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 43 Resp: 65409
Ion Ratio Lower Upper
43 100
58 29.2 28.0 42.0





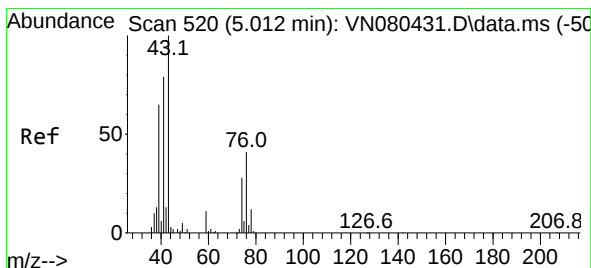
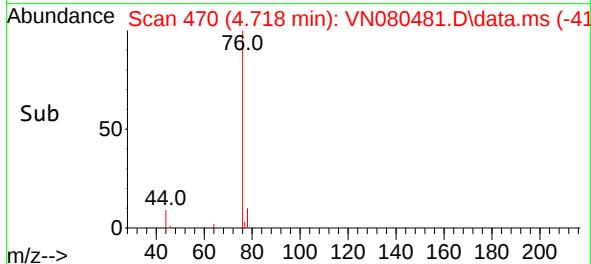
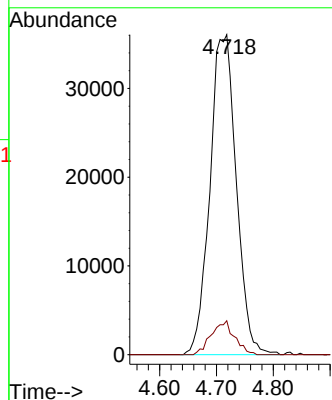
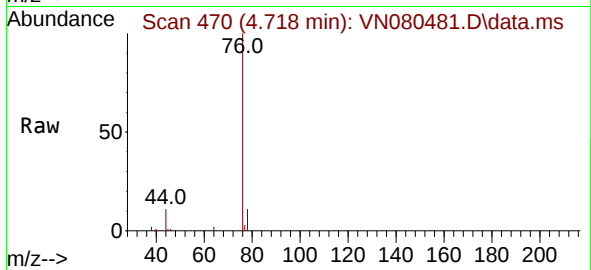
#17
Carbon Disulfide
Concen: 16.137 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion: 76 Resp: 116269
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0

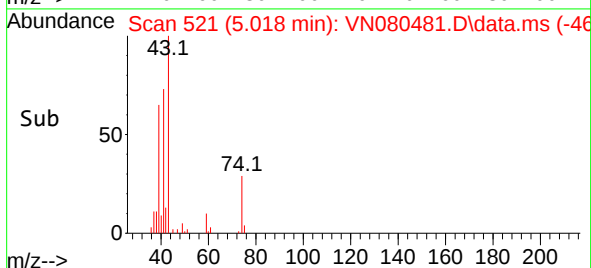
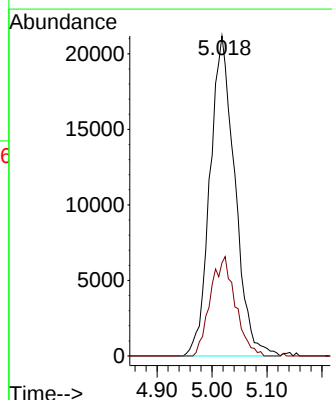
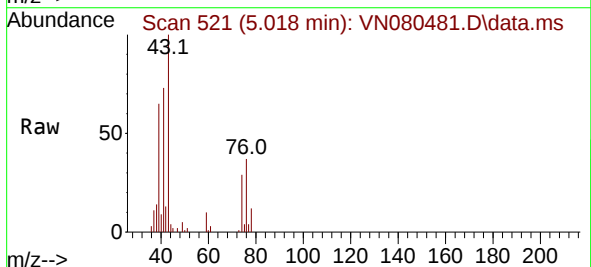
Manual Integrations
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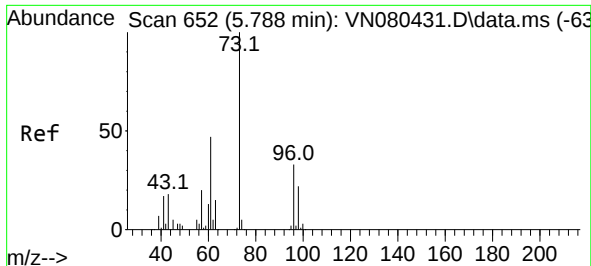
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#18
Methyl Acetate
Concen: 19.360 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 43 Resp: 66720
Ion Ratio Lower Upper
43 100
74 31.1 26.2 39.4





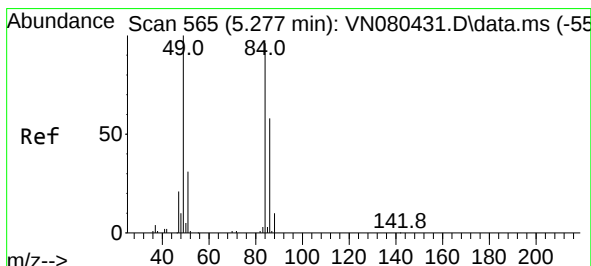
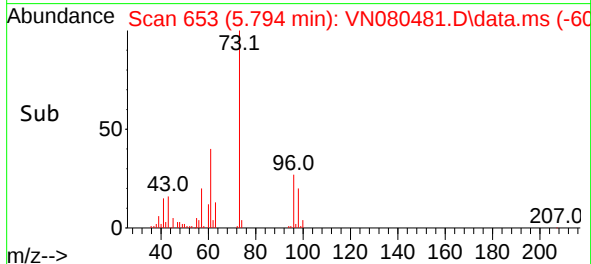
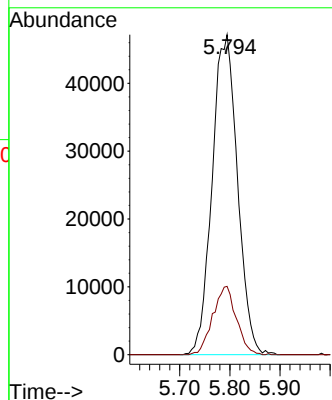
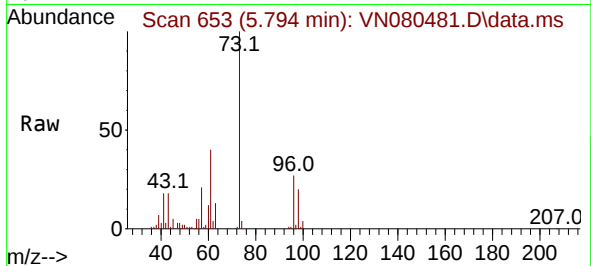
#19
Methyl tert-butyl Ether
Concen: 19.556 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion: 73 Resp: 16588
Ion Ratio Lower Upper
73 100
57 21.3 15.6 23.4

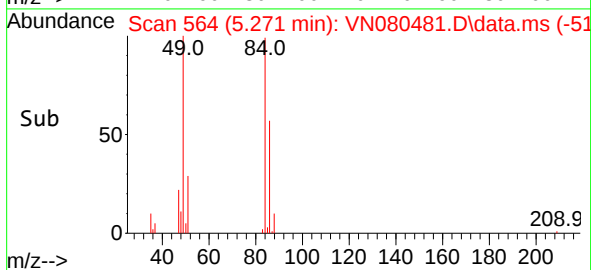
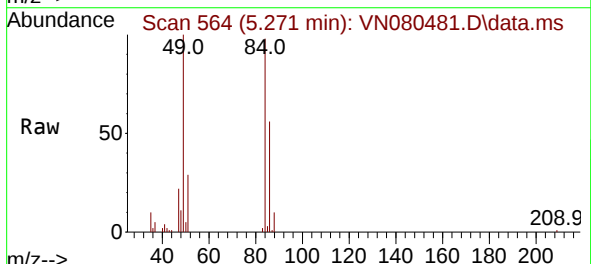
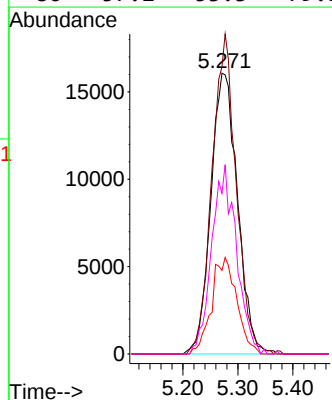
Manual Integrations
APPROVED

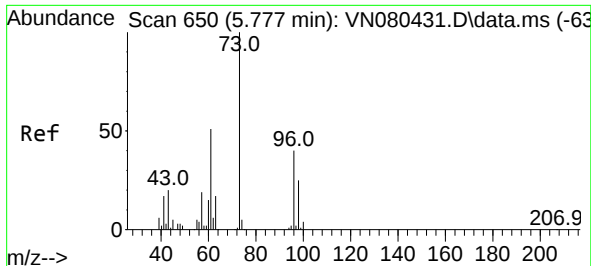
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#20
Methylene Chloride
Concen: 18.899 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

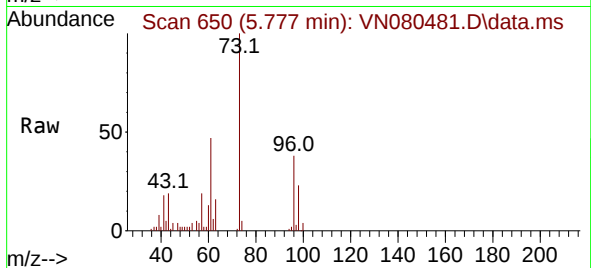
Tgt Ion: 84 Resp: 54170
Ion Ratio Lower Upper
84 100
49 102.1 79.7 119.5
51 29.7 25.2 37.8
86 57.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.103 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

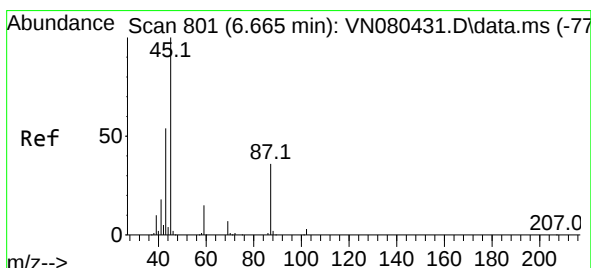
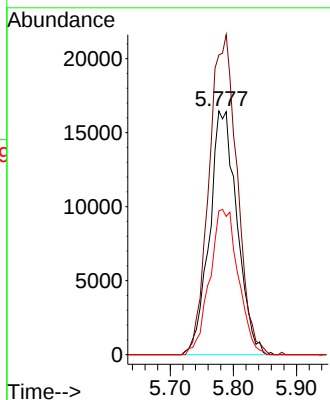
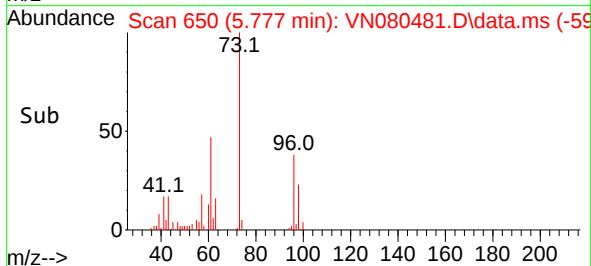
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



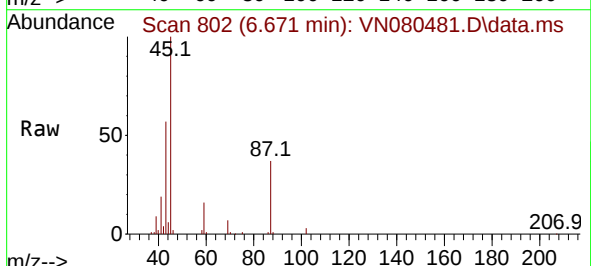
Tgt Ion: 96 Resp: 4990
Ion Ratio Lower Upper
96 100
61 123.0 90.1 135.1
98 59.0 46.4 69.6

Manual Integrations
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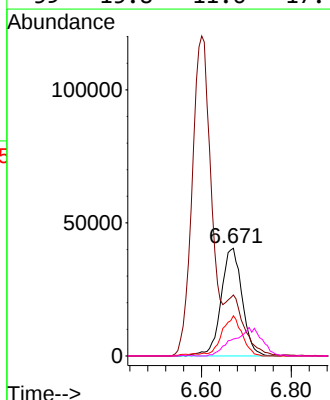
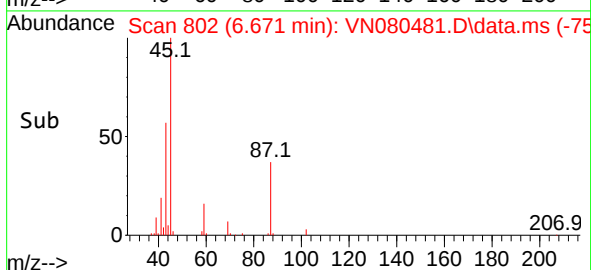
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#22
Diisopropyl ether
Concen: 19.464 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11



Tgt Ion: 45 Resp: 132148
Ion Ratio Lower Upper
45 100
43 55.8 45.5 68.3
87 37.3 31.8 47.8
59 15.8 11.6 17.4





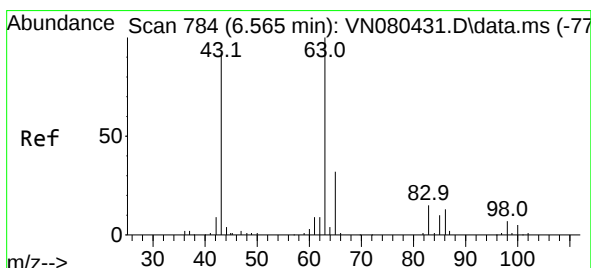
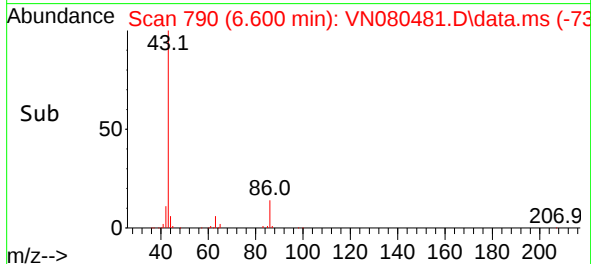
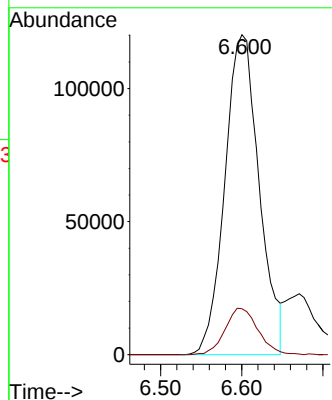
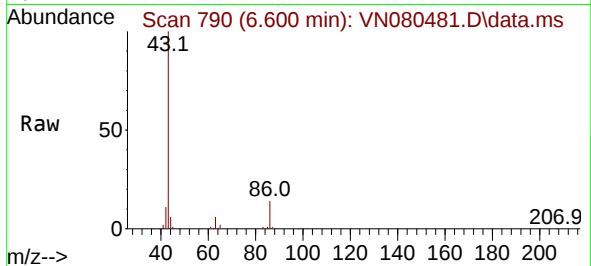
#23
 Vinyl Acetate
 Concen: 91.004 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS02

Tgt Ion: 43 Resp: 354854
 Ion Ratio Lower Upper
 43 100
 86 14.4 13.0 19.6

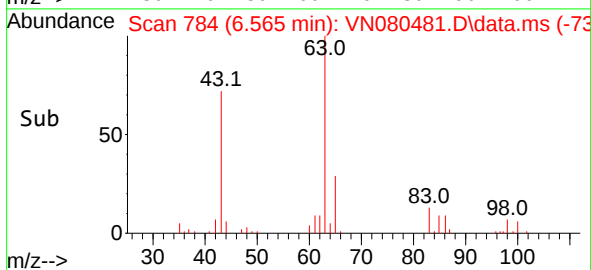
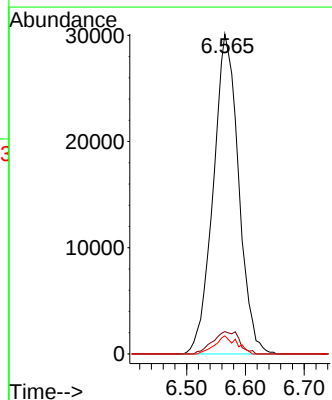
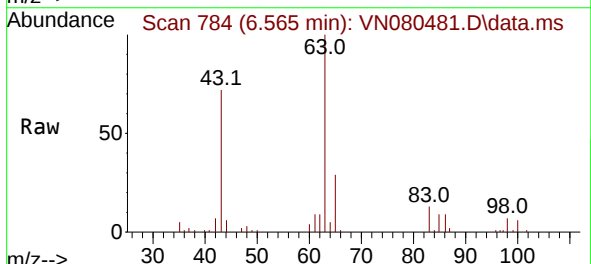
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#24
 1,1-Dichloroethane
 Concen: 19.045 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

Tgt Ion: 63 Resp: 90212
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 5.6 2.5 7.4





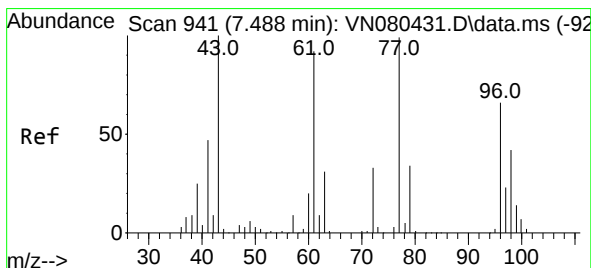
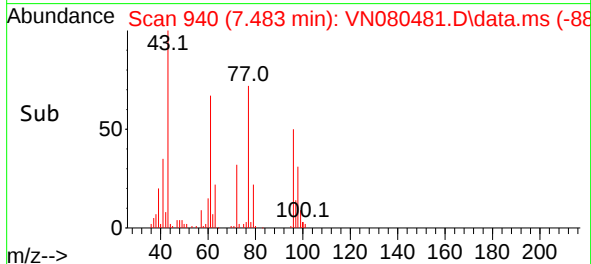
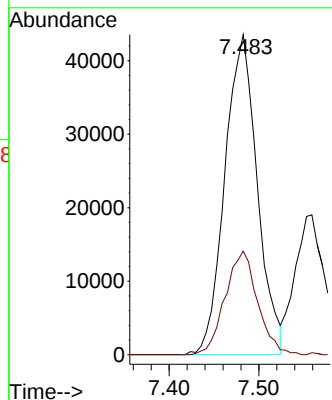
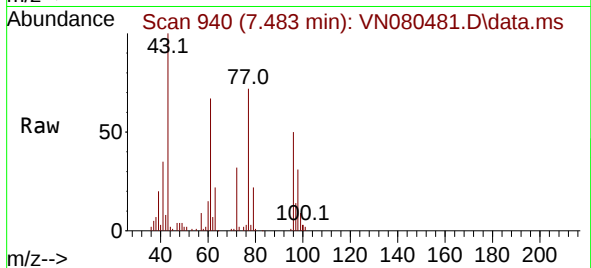
#25
2-Butanone
Concen: 105.922 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion: 43 Resp: 109290
Ion Ratio Lower Upper
43 100
72 32.3 30.2 45.2

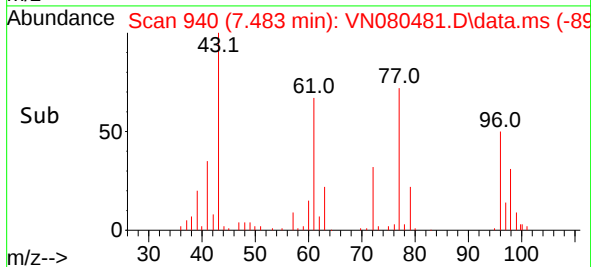
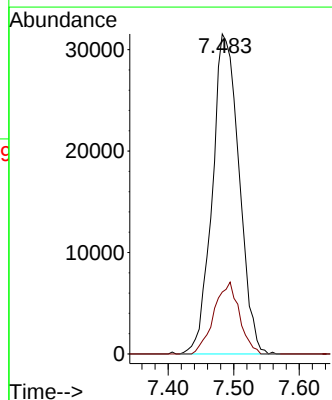
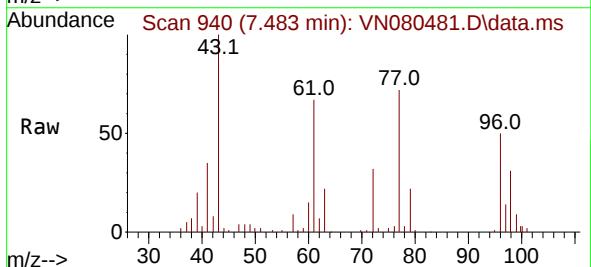
Manual Integrations
APPROVED

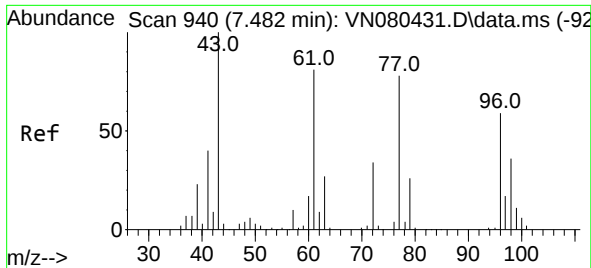
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#26
2,2-Dichloropropane
Concen: 18.460 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

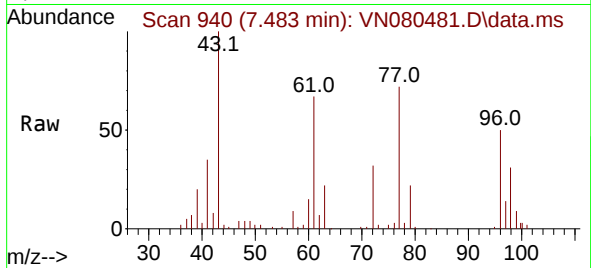
Tgt Ion: 77 Resp: 89415
Ion Ratio Lower Upper
77 100
97 21.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.621 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

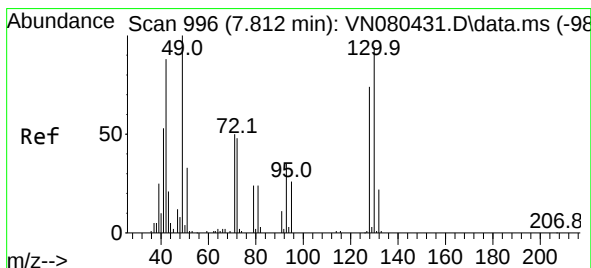
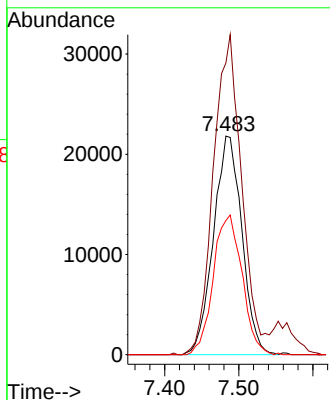
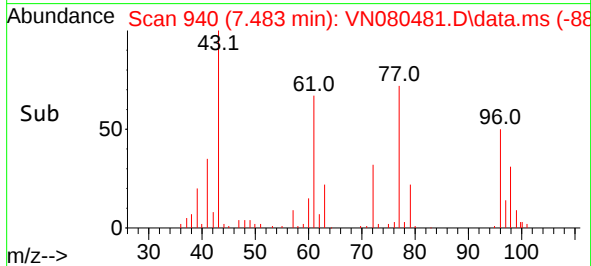
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS02



Tgt Ion: 96 Resp: 58100
 Ion Ratio Lower Upper
 96 100
 61 146.3 0.0 255.2
 98 64.8 0.0 128.8

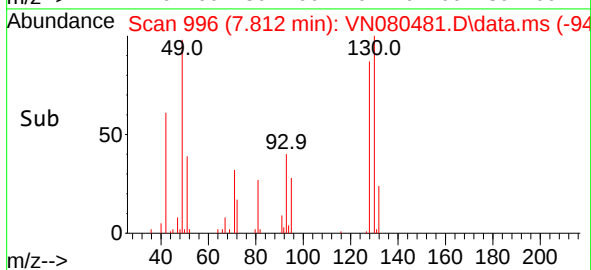
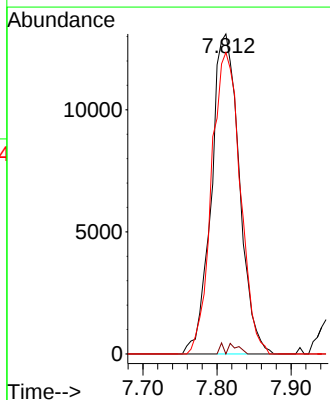
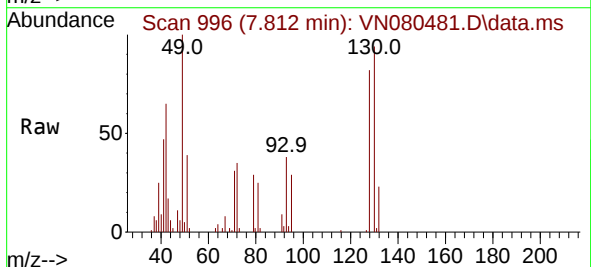
Manual Integrations
 APPROVED

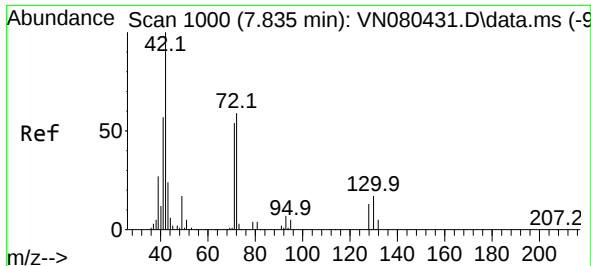
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#28
 Bromochloromethane
 Concen: 18.907 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

Tgt Ion: 49 Resp: 34386
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 96.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 92.678 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

Tgt Ion: 42 Resp: 6847

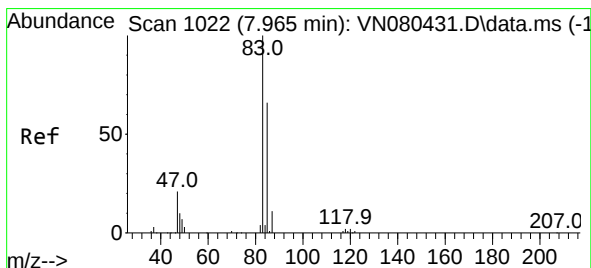
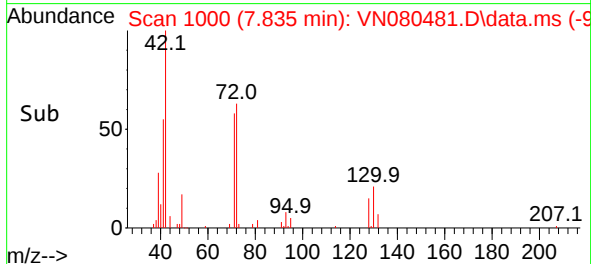
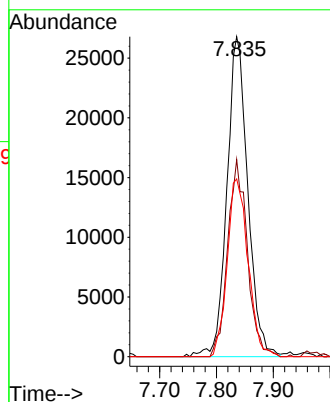
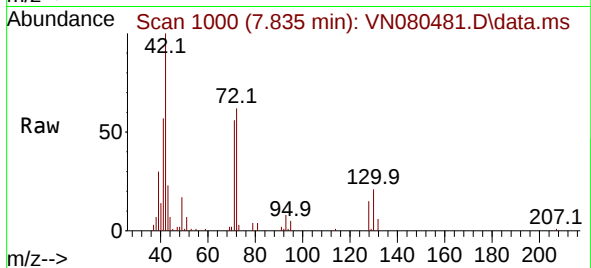
Ion	Ratio	Lower	Upper
42	100		
72	58.1	49.8	74.6
71	55.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#30

Chloroform

Concen: 19.699 ug/l

RT: 7.965 min Scan# 1022

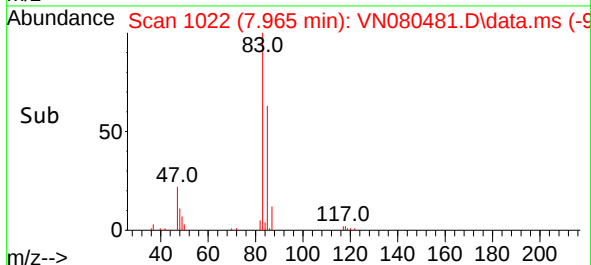
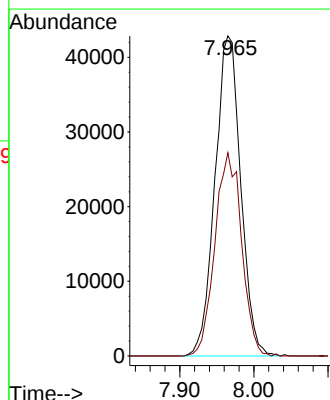
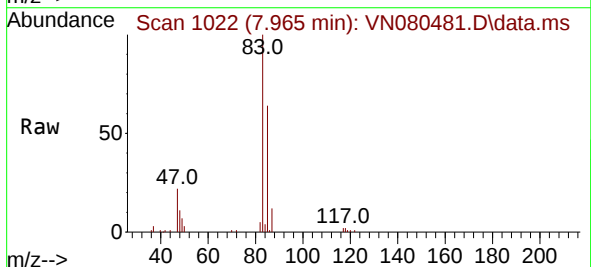
Delta R.T. 0.000 min

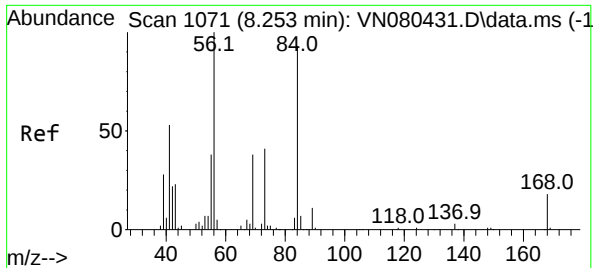
Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Tgt Ion: 83 Resp: 103574

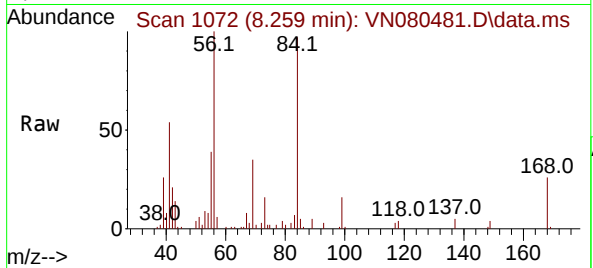
Ion	Ratio	Lower	Upper
83	100		
85	63.5	55.4	83.0





#31
Cyclohexane
Concen: 16.405 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

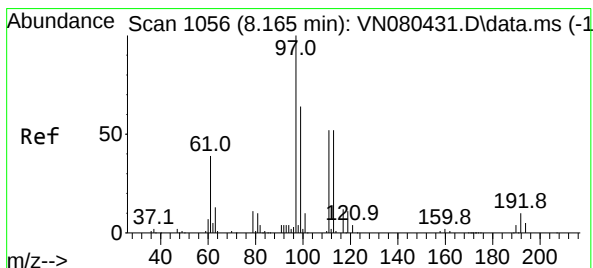
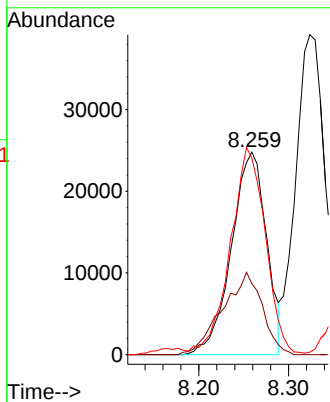
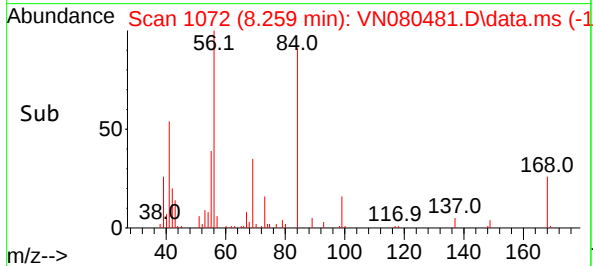
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



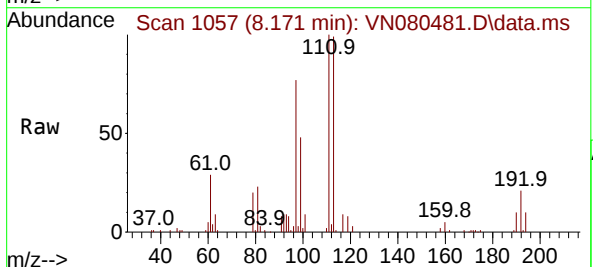
Tgt Ion: 56 Resp: 67390
Ion Ratio Lower Upper
56 100
69 35.2 26.8 40.2
84 93.9 81.8 122.6

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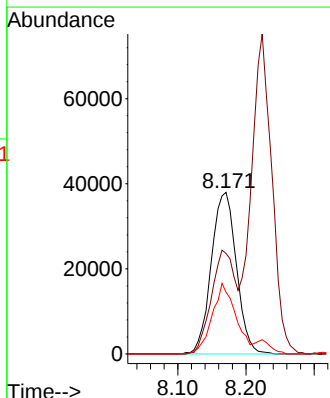
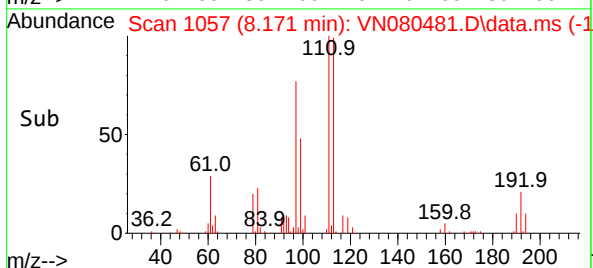
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

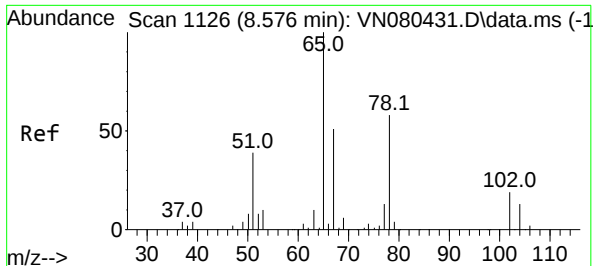


#32
1,1,1-Trichloroethane
Concen: 18.922 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11



Tgt Ion: 97 Resp: 97412
Ion Ratio Lower Upper
97 100
99 60.7 50.3 75.5
61 41.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 56.048 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

Tgt Ion: 65 Resp: 16930

Ion Ratio Lower Upper

65 100

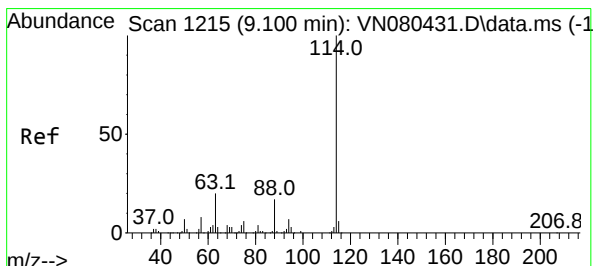
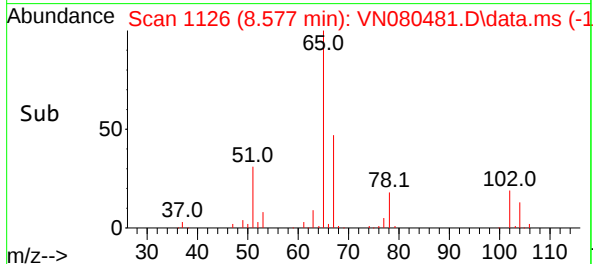
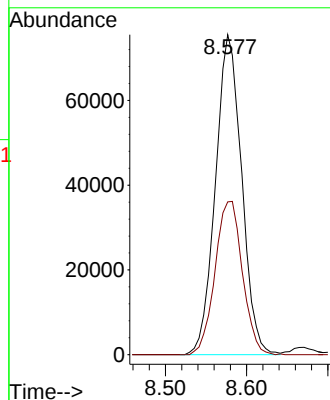
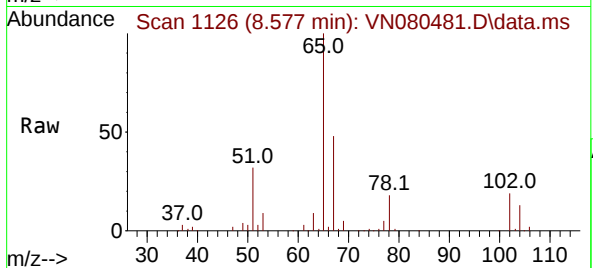
67 50.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

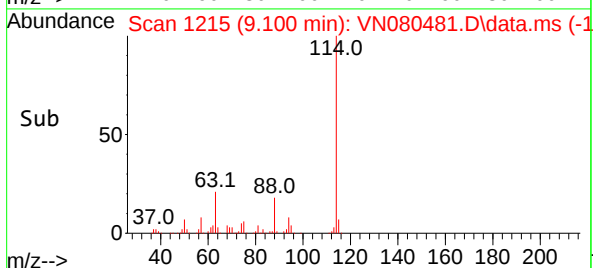
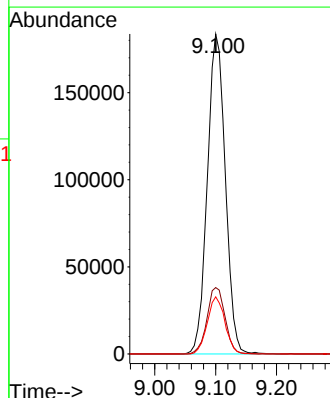
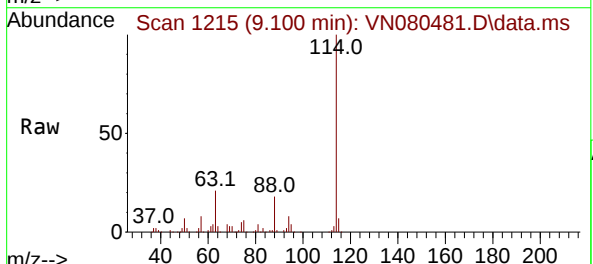
Tgt Ion:114 Resp: 377585

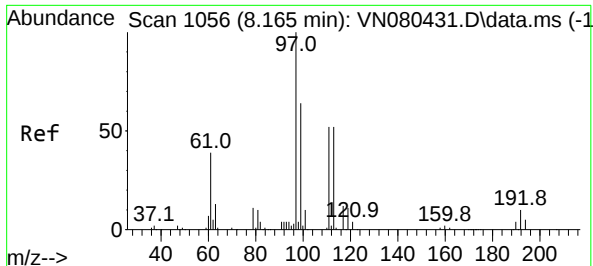
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 17.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.080 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

Tgt Ion: 113 Resp: 127070

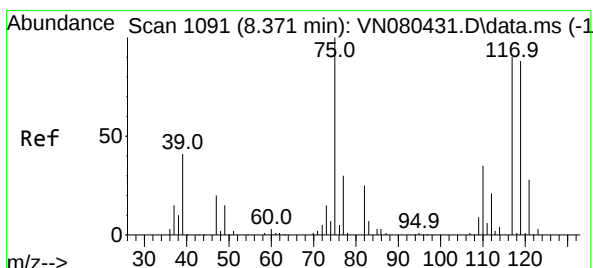
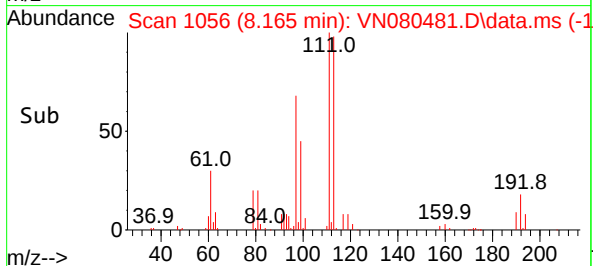
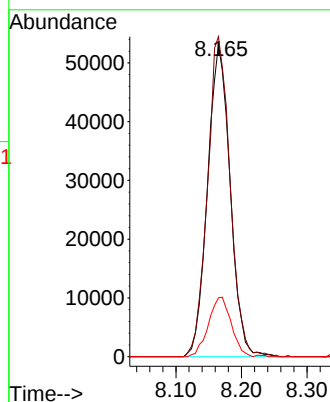
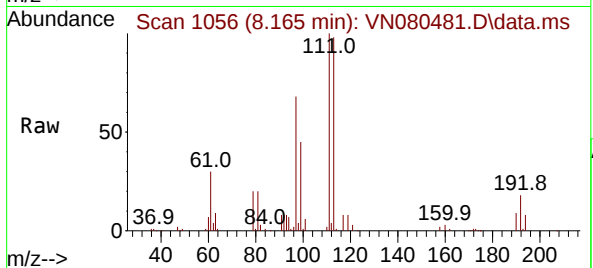
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	19.2	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#36

1,1-Dichloropropene

Concen: 17.806 ug/l

RT: 8.365 min Scan# 1090

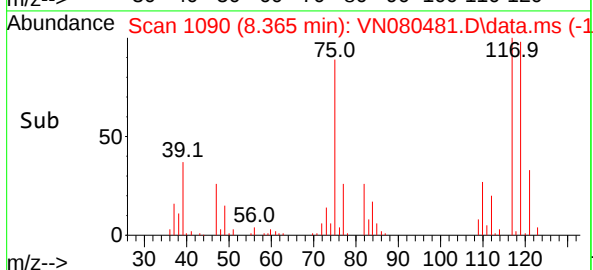
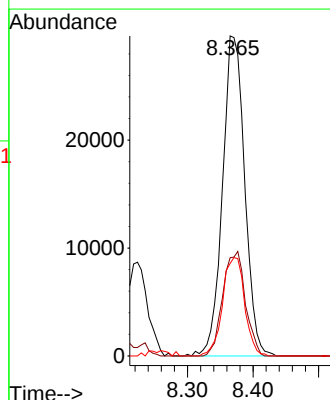
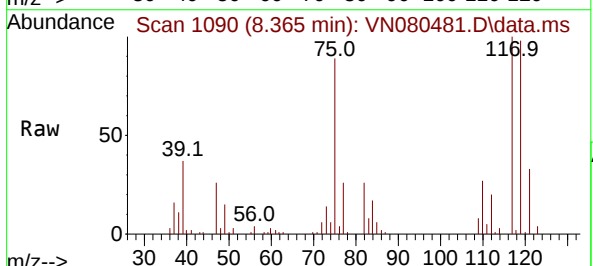
Delta R.T. -0.006 min

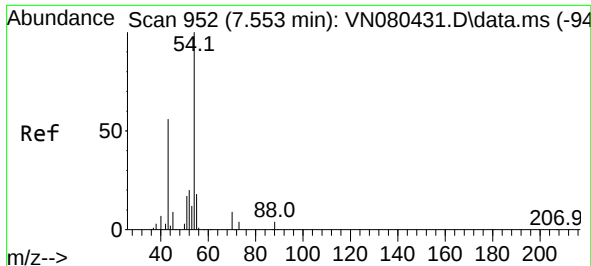
Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Tgt Ion: 75 Resp: 69701

Ion	Ratio	Lower	Upper
75	100		
110	33.2	19.1	57.3
77	30.6	25.0	37.4





#37

Ethyl Acetate

Concen: 18.742 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

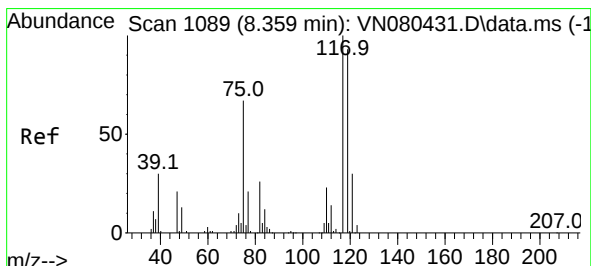
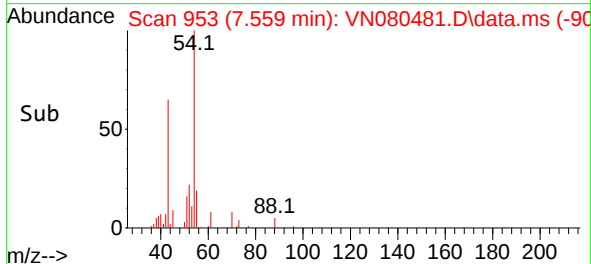
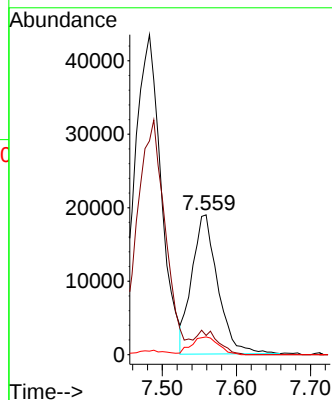
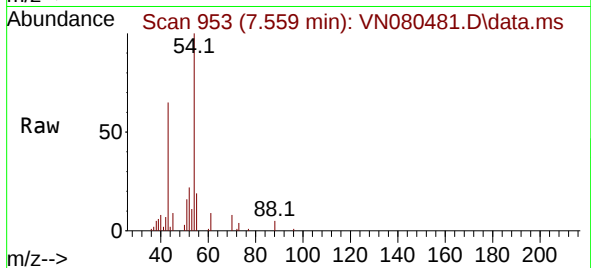
Tgt Ion:	43	Resp:	45940
Ion	Ratio	Lower	Upper
43	100		
61	14.1	13.2	19.8
70	13.4	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#38

Carbon Tetrachloride

Concen: 17.979 ug/l

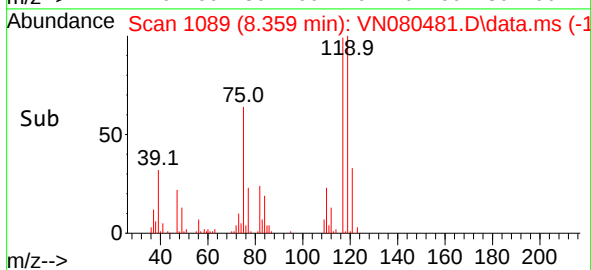
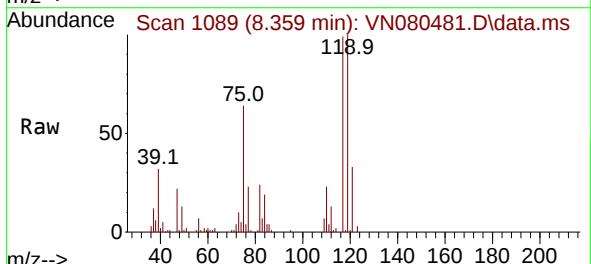
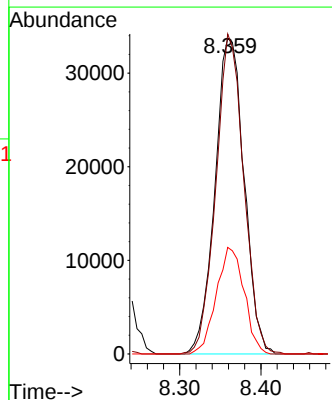
RT: 8.359 min Scan# 1089

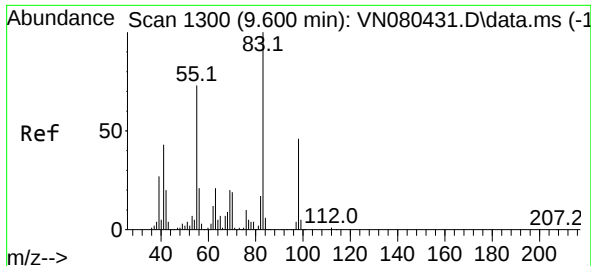
Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Tgt Ion:	117	Resp:	84093
Ion	Ratio	Lower	Upper
117	100		
119	101.4	77.3	115.9
121	33.8	23.3	34.9





#39

Methylcyclohexane

Concen: 15.601 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

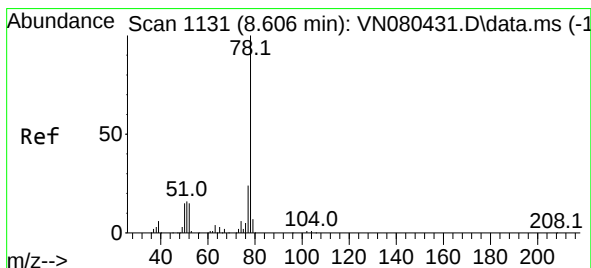
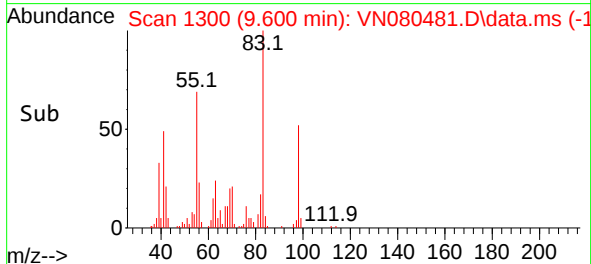
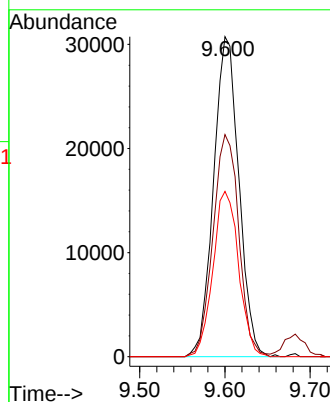
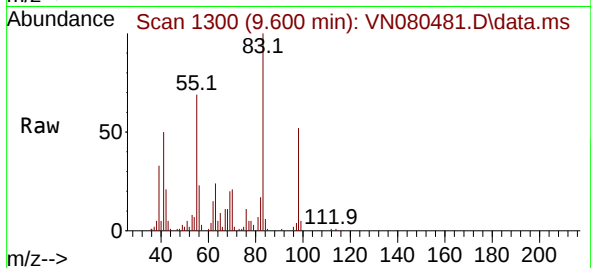
Tgt Ion: 83	Resp: 63439
Ion Ratio	Lower Upper
83	100
55	69.4 49.1 73.7
98	51.7 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#40

Benzene

Concen: 18.442 ug/l

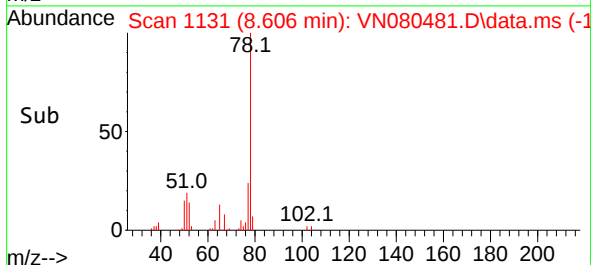
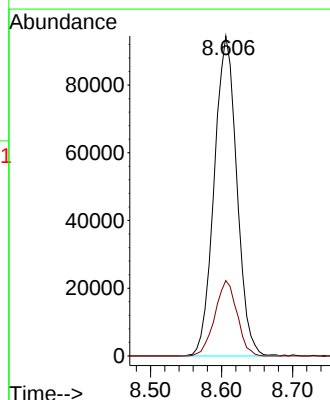
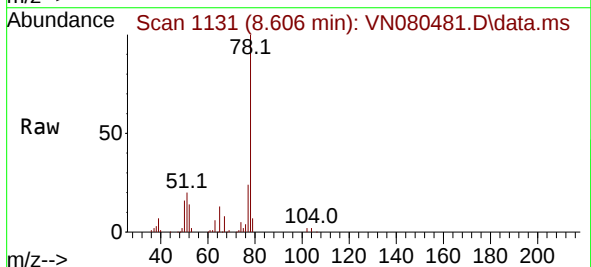
RT: 8.606 min Scan# 1131

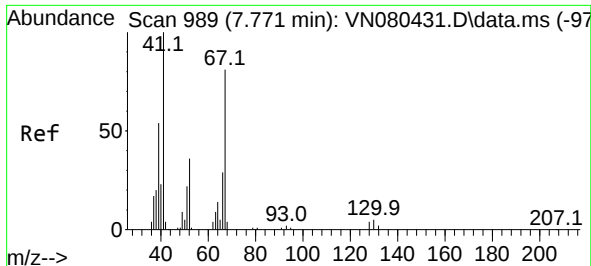
Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Tgt Ion: 78	Resp: 208453
Ion Ratio	Lower Upper
78	100
77	23.6 19.0 28.6





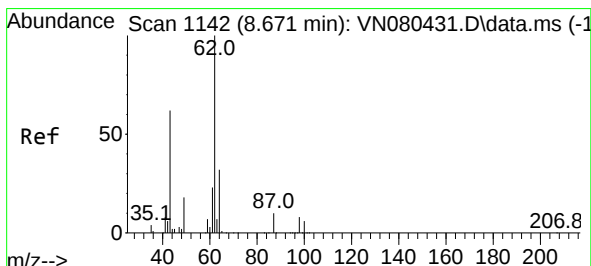
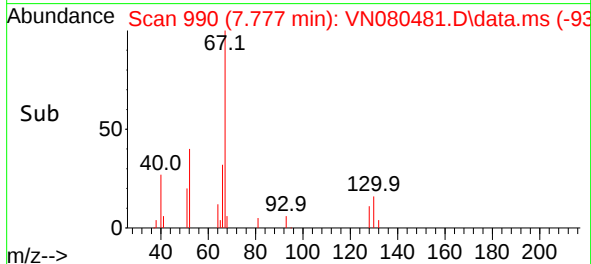
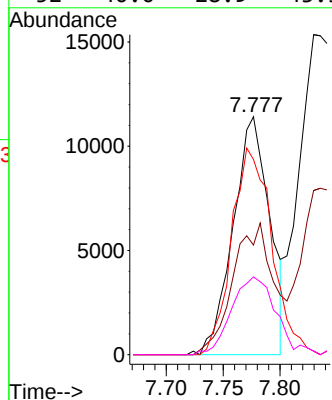
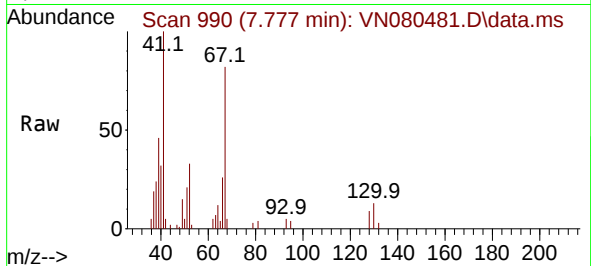
#41
Methacrylonitrile
Concen: 18.049 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion: 41 Resp: 25500
Ion Ratio Lower Upper
41 100
39 62.3 42.6 64.0
67 95.3 77.5 116.3
52 40.0 28.9 43.3

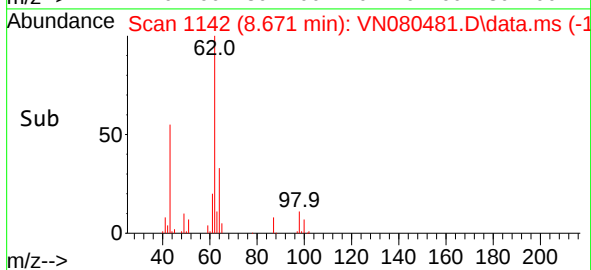
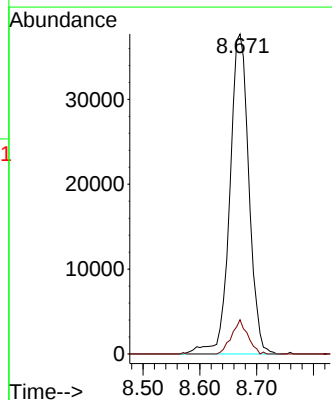
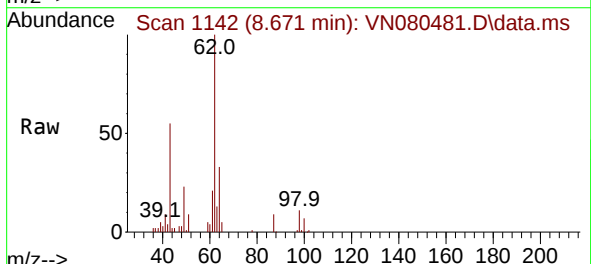
Manual Integrations
APPROVED

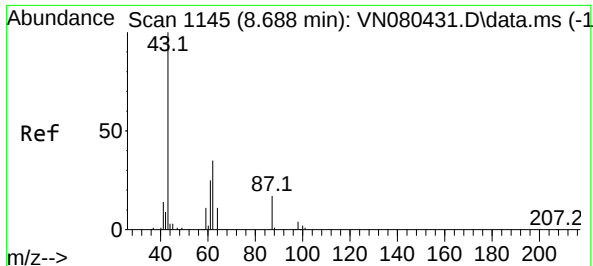
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#42
1,2-Dichloroethane
Concen: 21.004 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 62 Resp: 87917
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 18.523 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

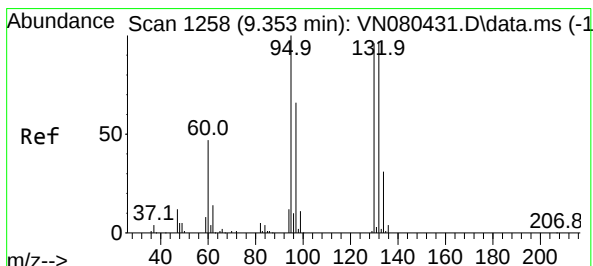
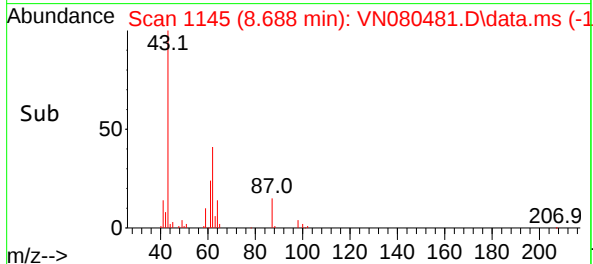
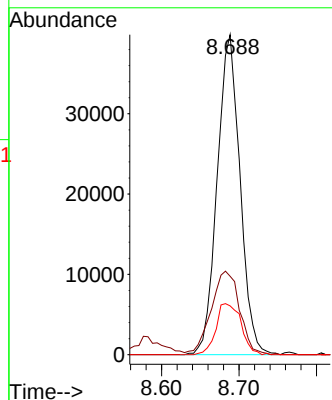
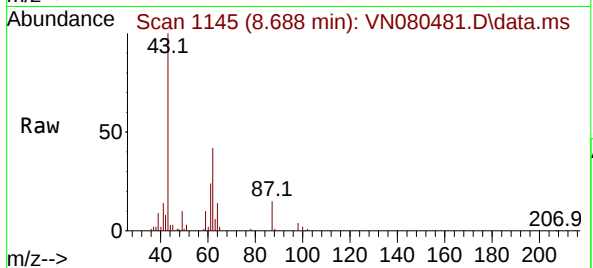
Tgt Ion: 43	Resp: 81638
Ion Ratio	Lower Upper
43	100
61	32.6 24.7 37.1
87	17.5 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#44

Trichloroethene

Concen: 17.806 ug/l

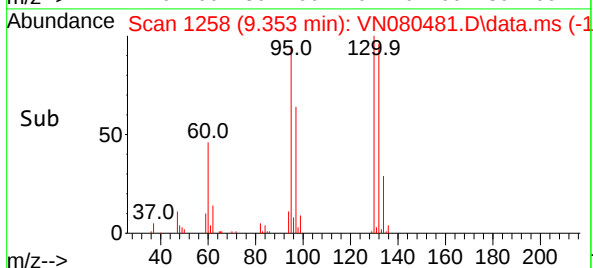
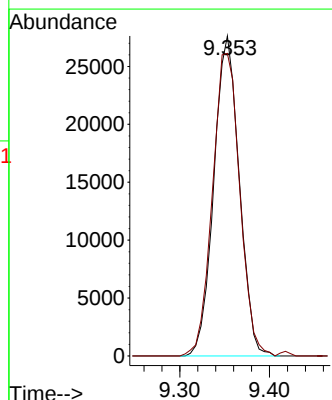
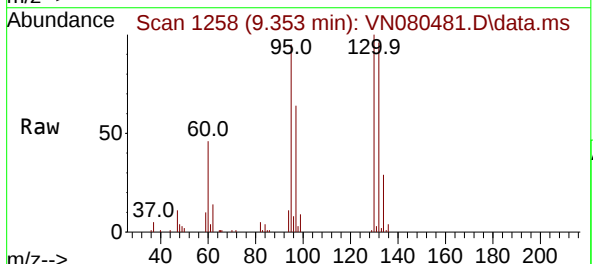
RT: 9.353 min Scan# 1258

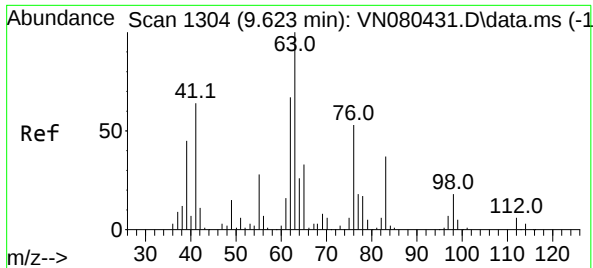
Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Tgt Ion:130	Resp: 54258
Ion Ratio	Lower Upper
130	100
95	94.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.498 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

Tgt Ion: 63 Resp: 49110

Ion Ratio Lower Upper

63 100

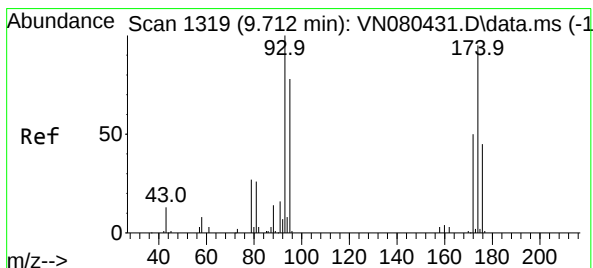
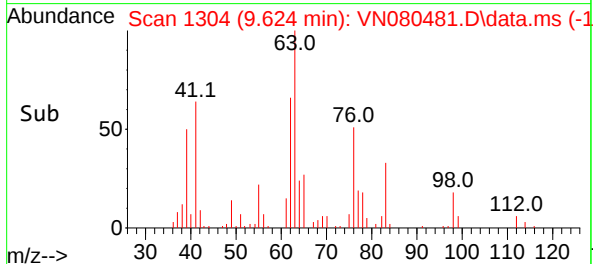
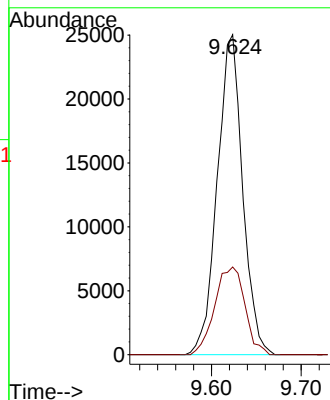
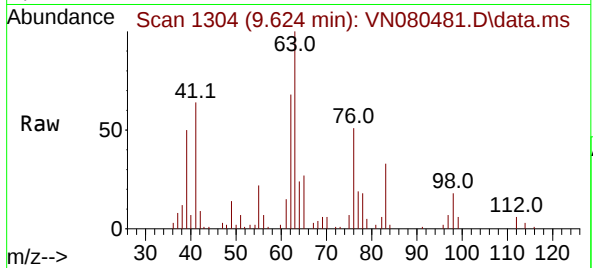
65 27.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#46

Dibromomethane

Concen: 19.478 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

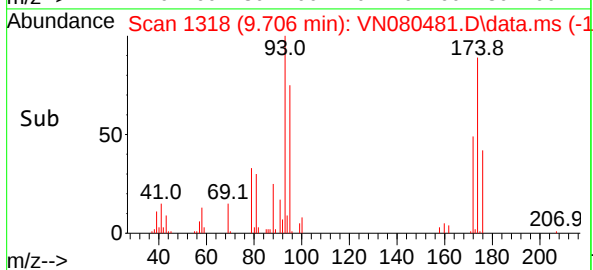
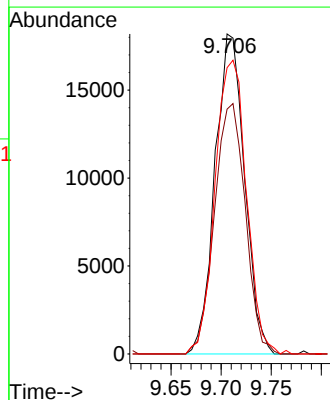
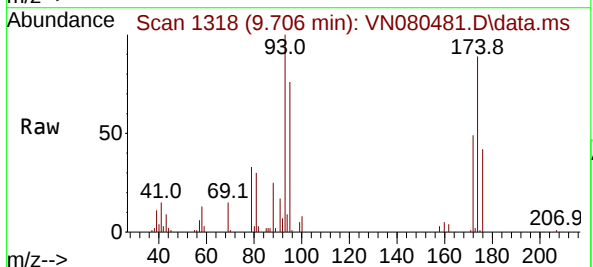
Tgt Ion: 93 Resp: 37135

Ion Ratio Lower Upper

93 100

95 81.9 63.8 95.8

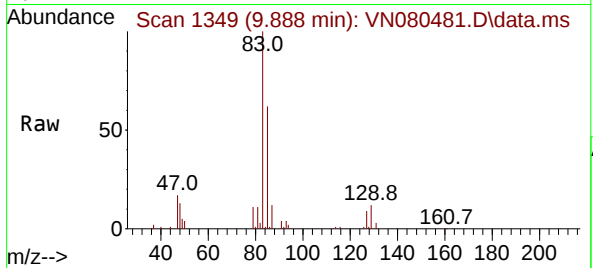
174 97.6 65.6 98.4





#47
Bromodichloromethane
Concen: 20.536 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

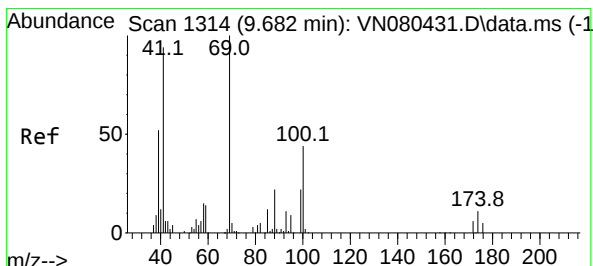
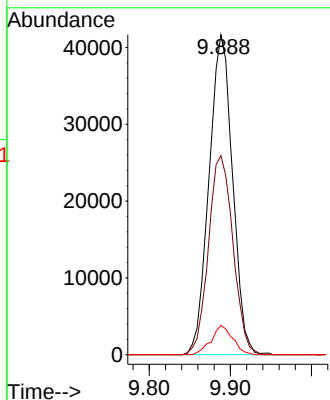
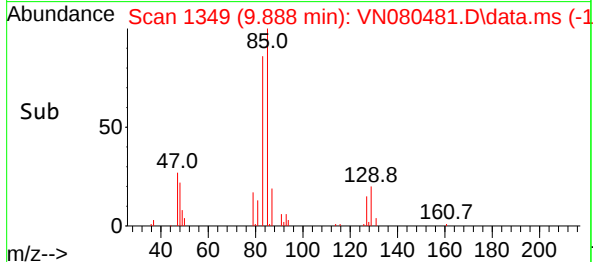
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion: 83 Resp: 83910
Ion Ratio Lower Upper
83 100
85 62.2 49.6 74.4
127 9.2 7.0 10.6

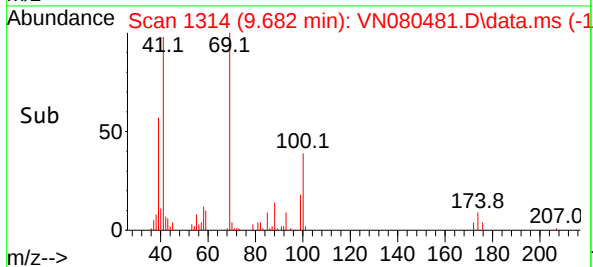
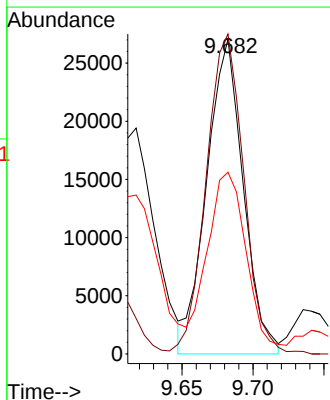
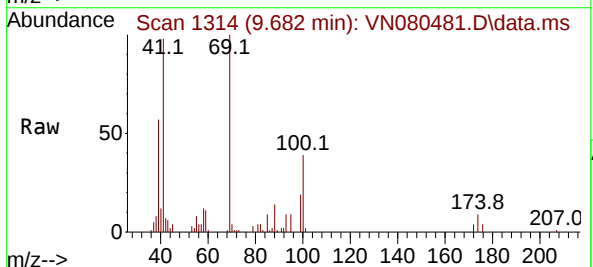
Manual Integrations
APPROVED

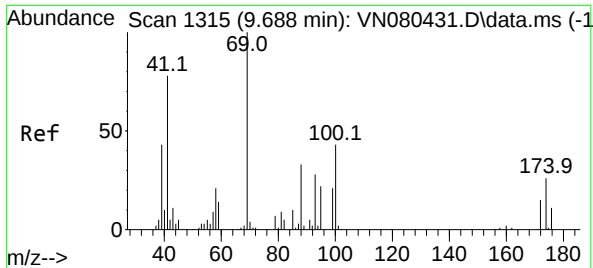
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#48
Methyl methacrylate
Concen: 18.416 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

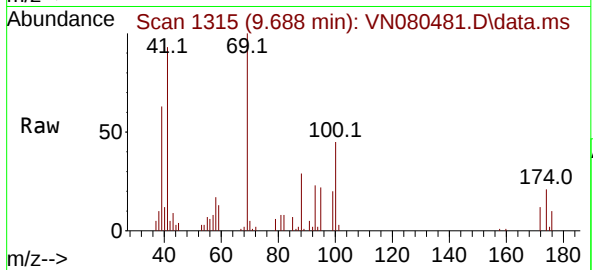
Tgt Ion: 41 Resp: 48435
Ion Ratio Lower Upper
41 100
69 104.3 90.4 135.6
39 62.4 54.6 81.8





#49
1,4-Dioxane
Concen: 325.345 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

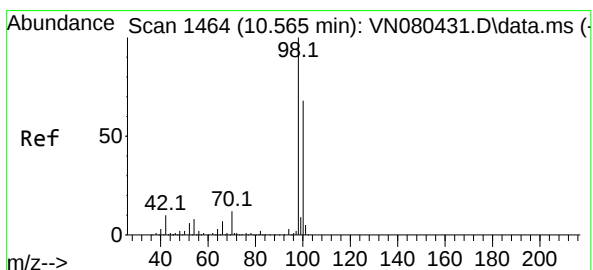
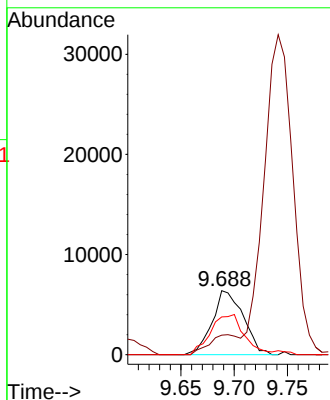
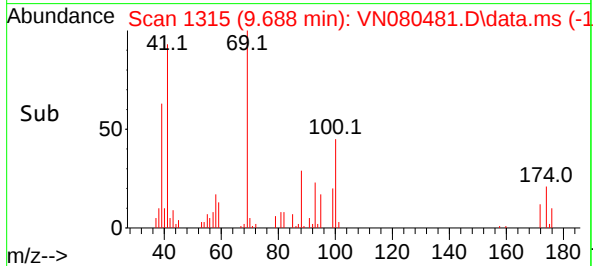
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion: 88 Resp: 12970
Ion Ratio Lower Upper
88 100
43 30.8 17.0 25.6
58 67.5 47.0 70.4

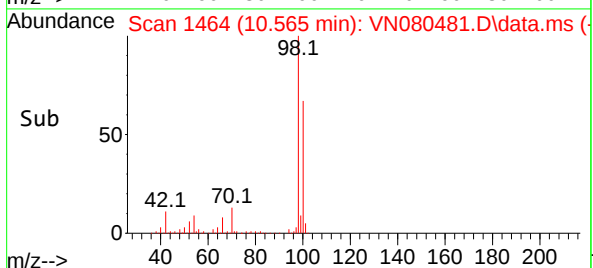
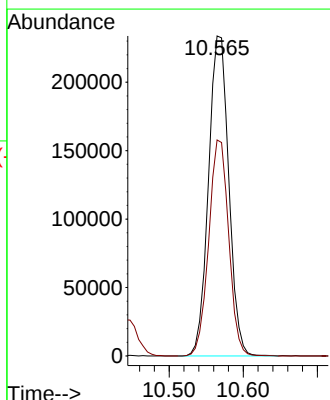
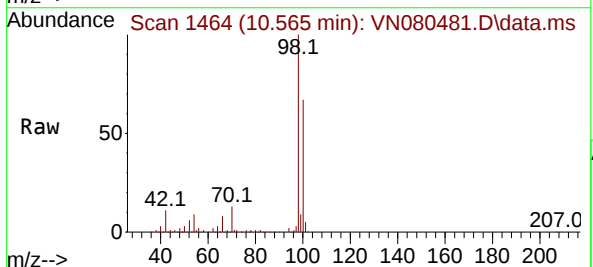
Manual Integrations
APPROVED

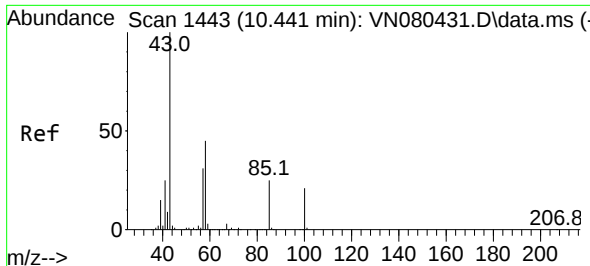
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#50
Toluene-d8
Concen: 49.732 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

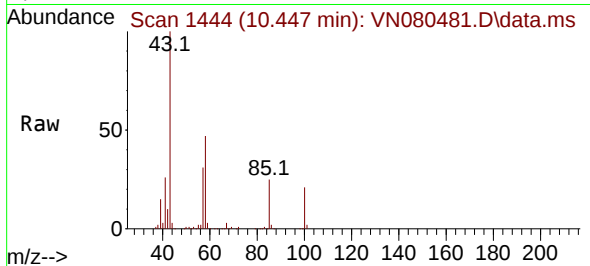
Tgt Ion: 98 Resp: 444030
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 96.135 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

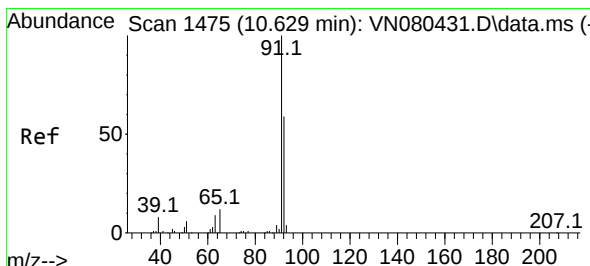
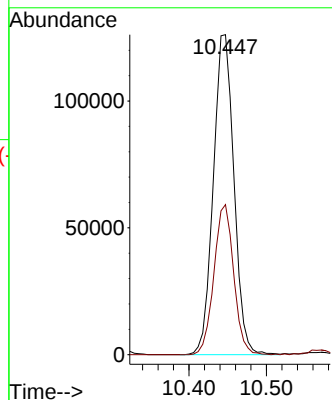
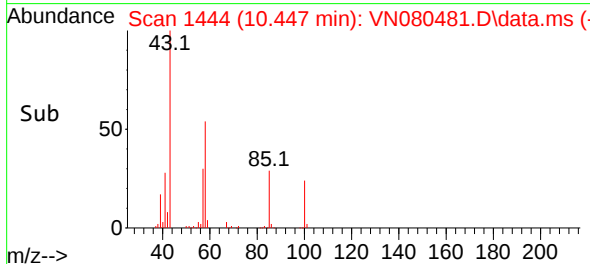
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion: 43 Resp: 233350
Ion Ratio Lower Upper
43 100
58 45.0 36.6 54.8

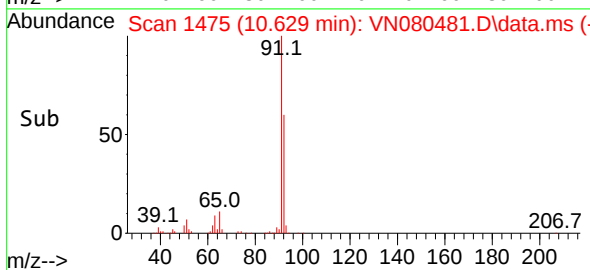
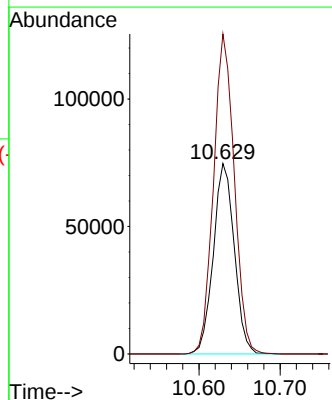
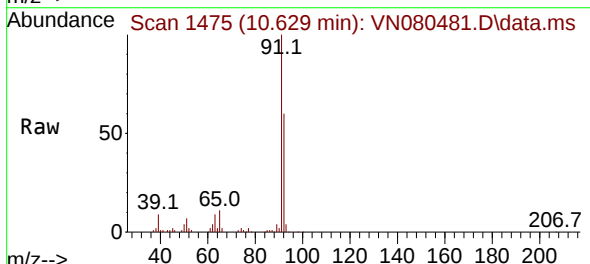
Manual Integrations
APPROVED

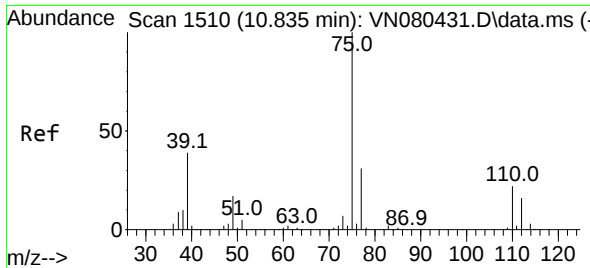
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#52
Toluene
Concen: 18.778 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

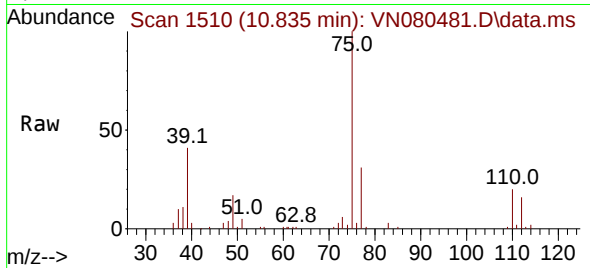
Tgt Ion: 92 Resp: 134088
Ion Ratio Lower Upper
92 100
91 166.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.370 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

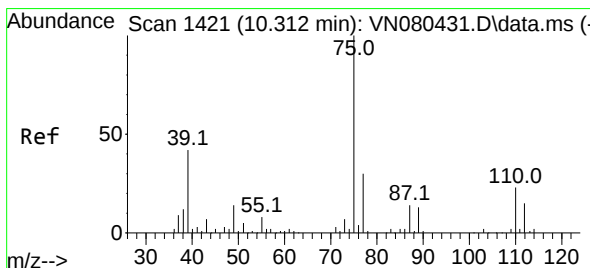
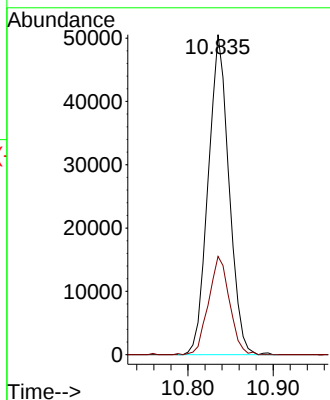
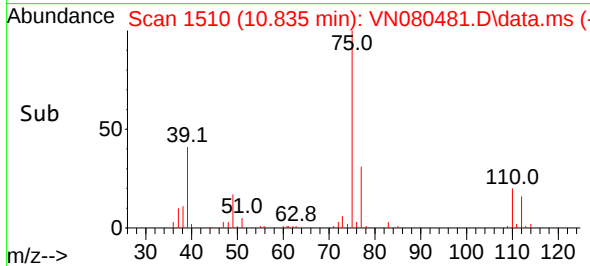
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion: 75 Resp: 8563
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

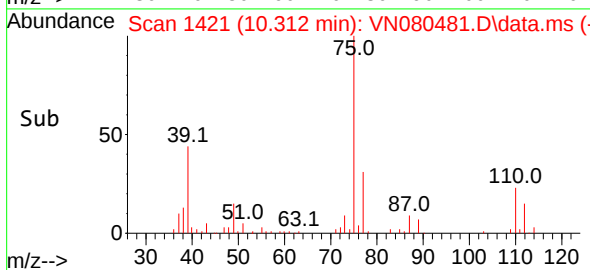
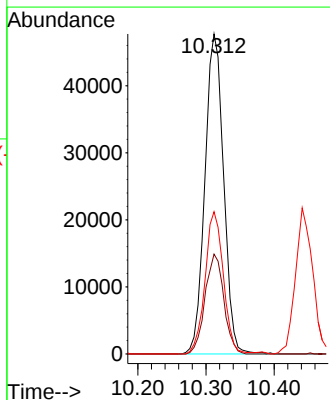
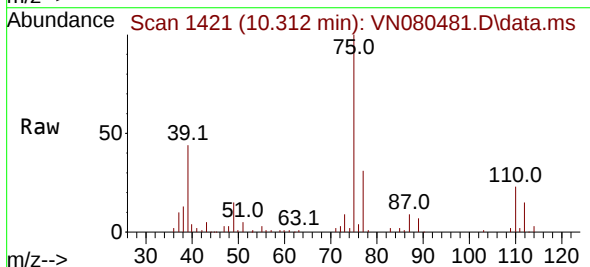
Manual Integrations
APPROVED

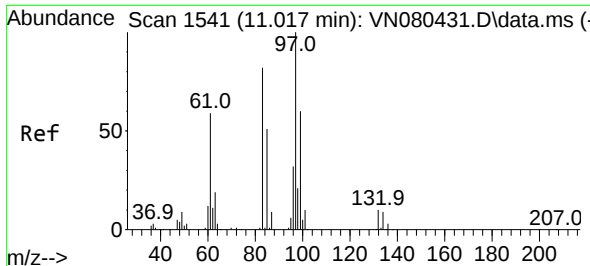
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#54
cis-1,3-Dichloropropene
Concen: 19.281 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

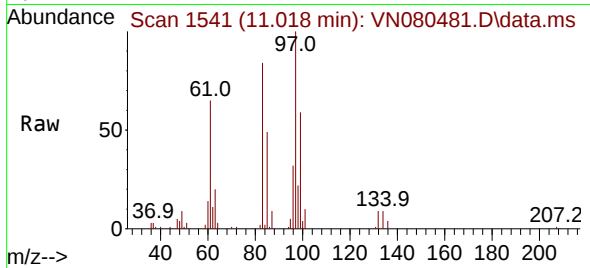
Tgt Ion: 75 Resp: 91107
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 44.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.463 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

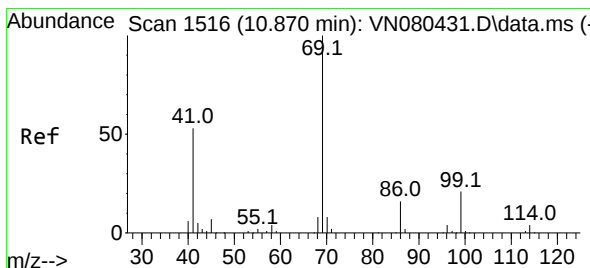
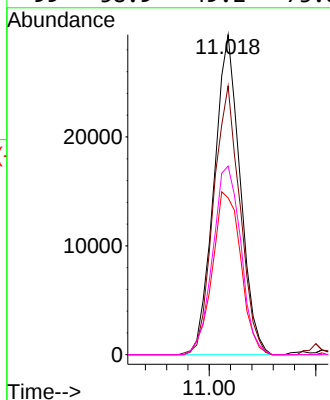
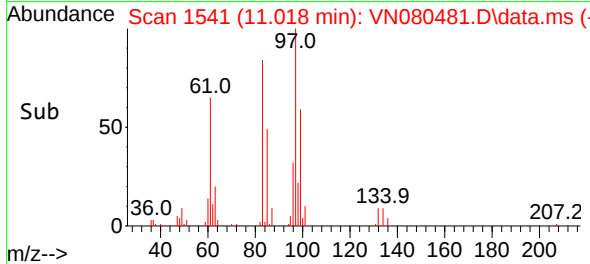
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	65.1	97.7
85	49.0	43.4	65.2
99	58.9	49.2	73.8

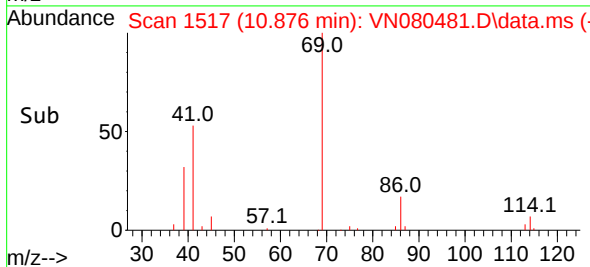
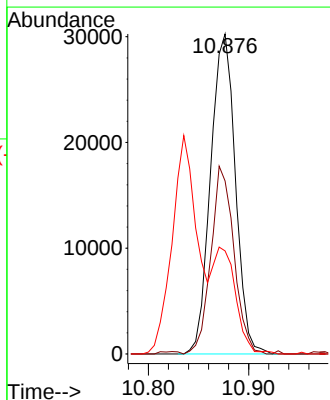
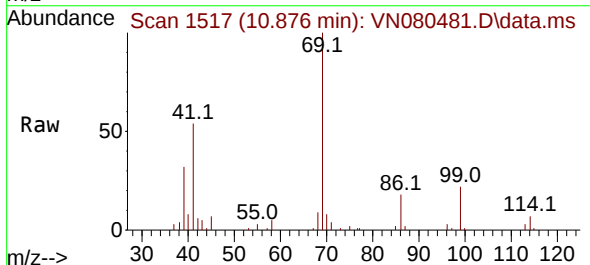
Manual Integrations
APPROVED

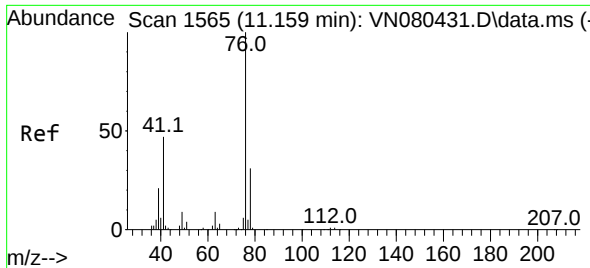
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#56
Ethyl methacrylate
Concen: 18.271 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

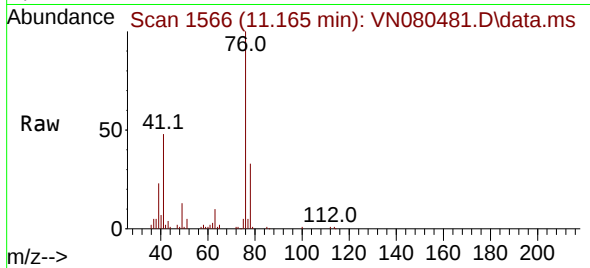
Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.7	39.6	59.4
39	31.1	28.6	43.0





#57
1,3-Dichloropropane
Concen: 19.313 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

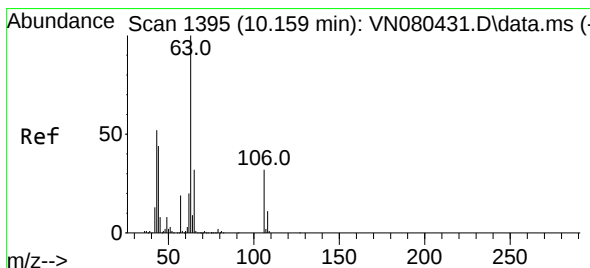
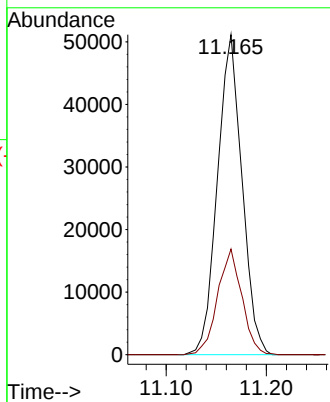
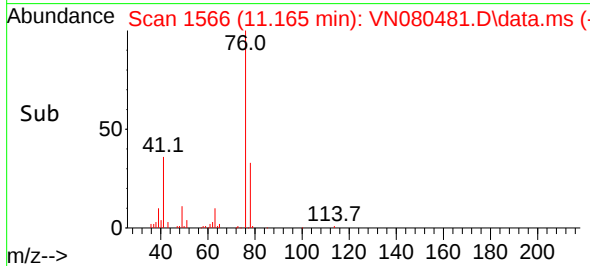
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion: 76 Resp: 86990
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

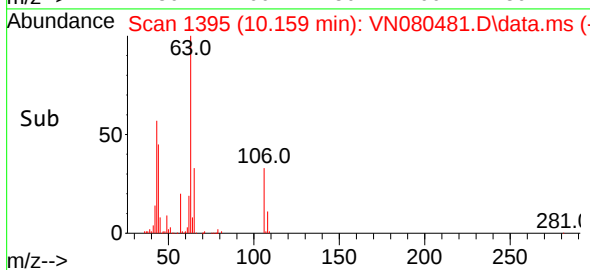
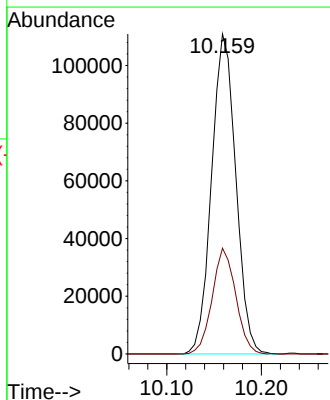
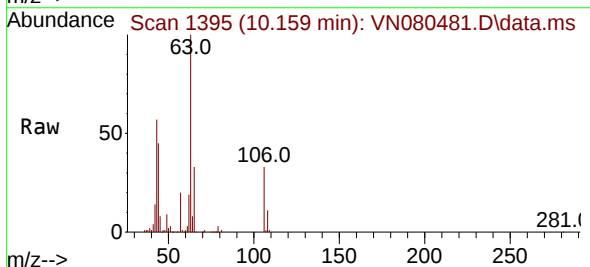
Manual Integrations
APPROVED

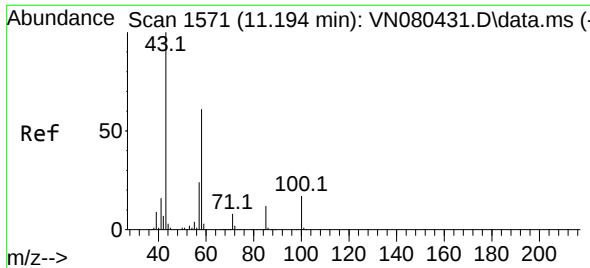
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#58
2-Chloroethyl Vinyl ether
Concen: 109.717 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

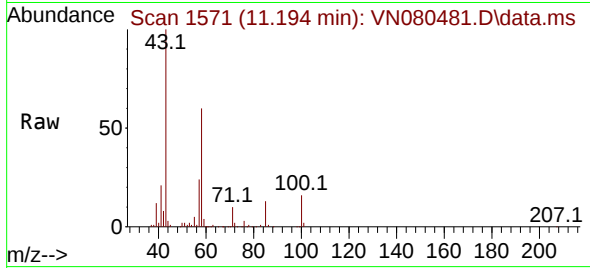
Tgt Ion: 63 Resp: 197035
Ion Ratio Lower Upper
63 100
106 32.1 26.2 39.4





#59
2-Hexanone
Concen: 91.989 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

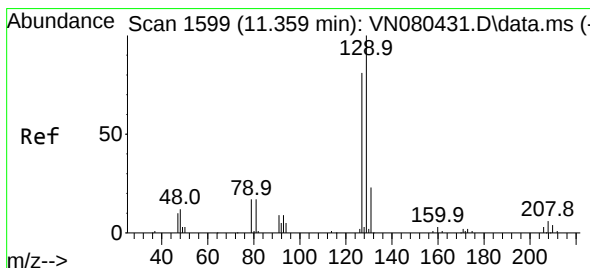
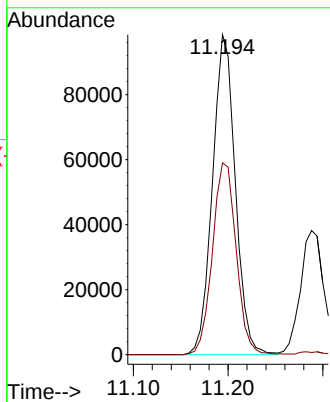
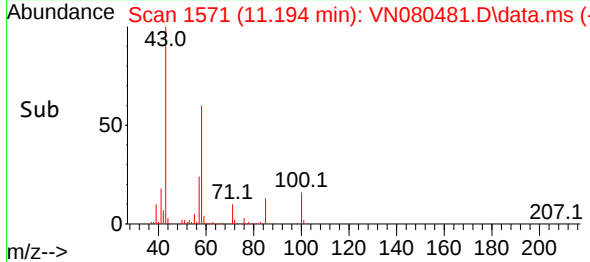
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion: 43 Resp: 164840
Ion Ratio Lower Upper
43 100
58 62.4 31.7 95.1

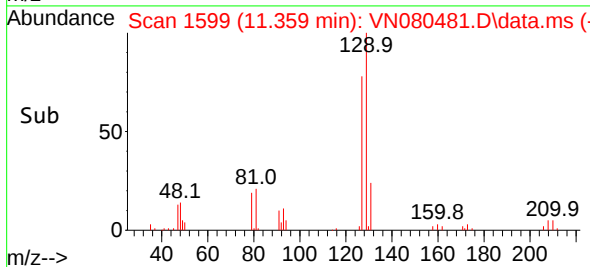
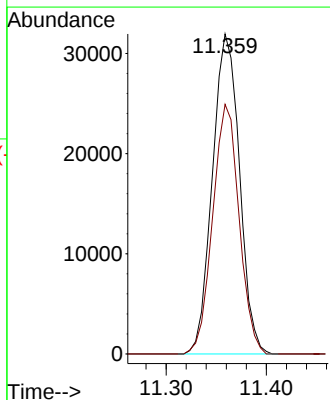
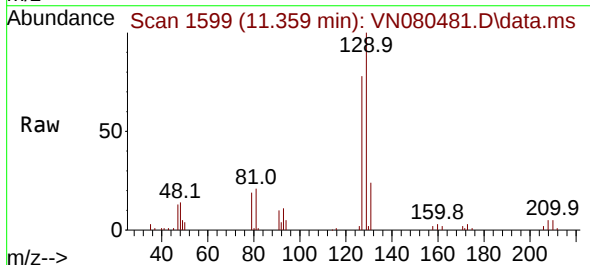
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#60
Dibromochloromethane
Concen: 19.654 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

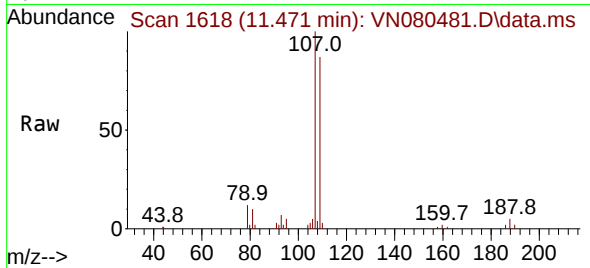
Tgt Ion:129 Resp: 59841
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.563 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

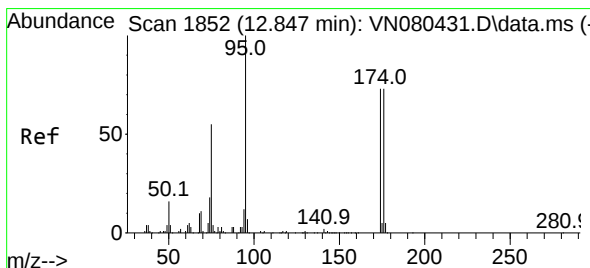
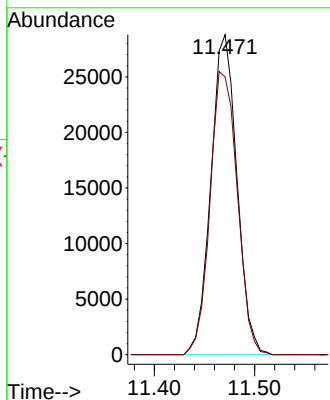
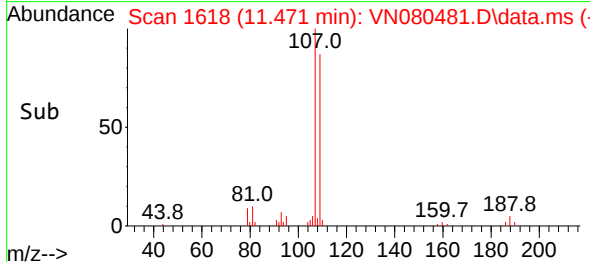
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



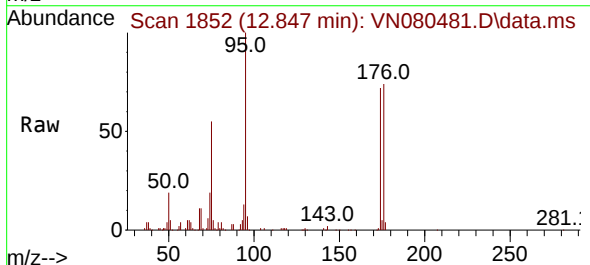
Tgt Ion:107 Resp: 52024
Ion Ratio Lower Upper
107 100
109 92.4 76.6 114.8

Manual Integrations
APPROVED

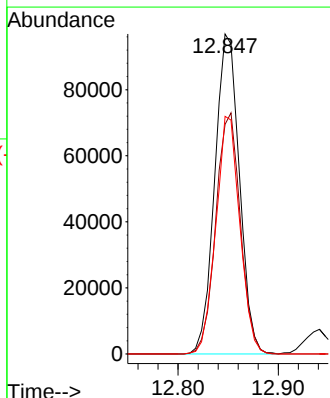
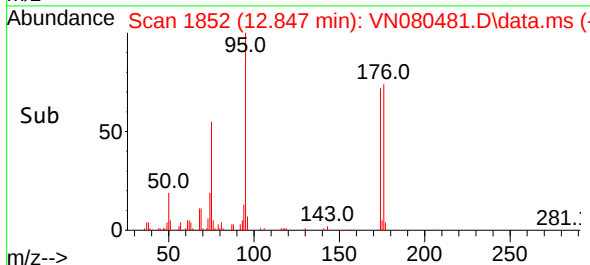
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

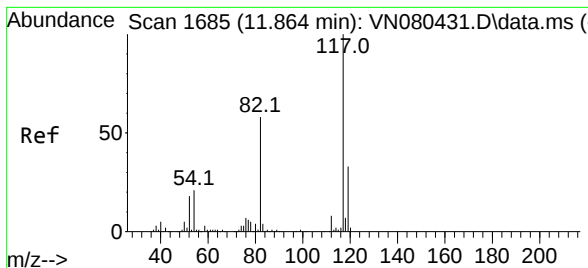


#62
4-Bromofluorobenzene
Concen: 48.744 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11



Tgt Ion: 95 Resp: 165260
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 72.3 0.0 135.8





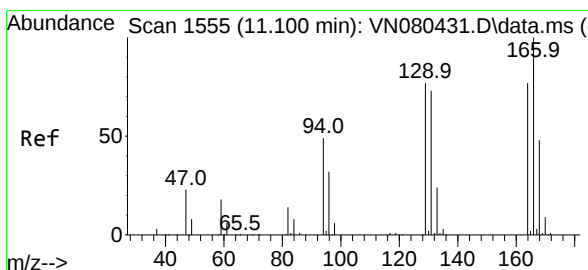
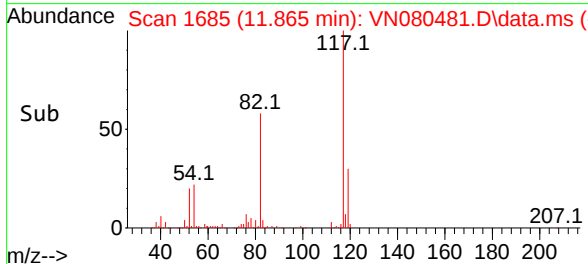
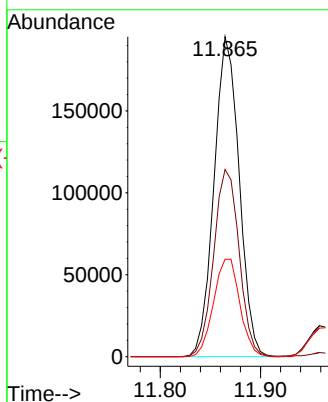
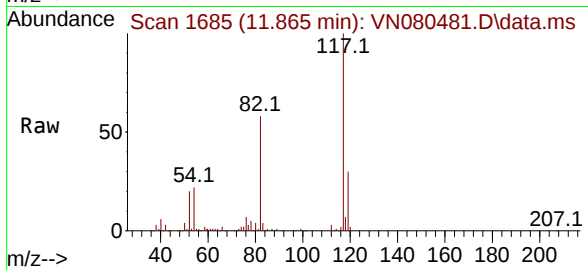
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion:117 Resp: 339694
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 30.5 25.6 38.4

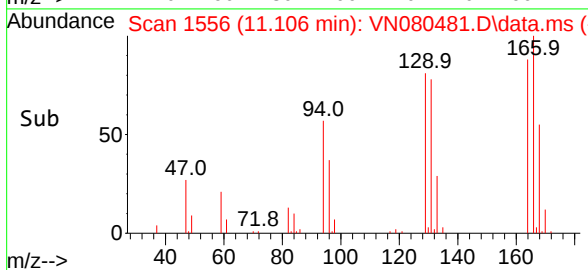
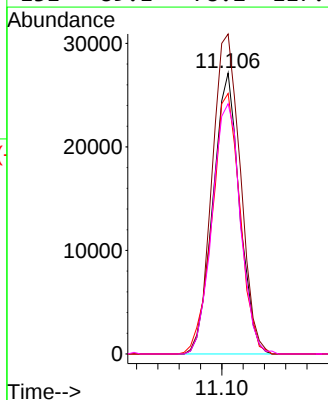
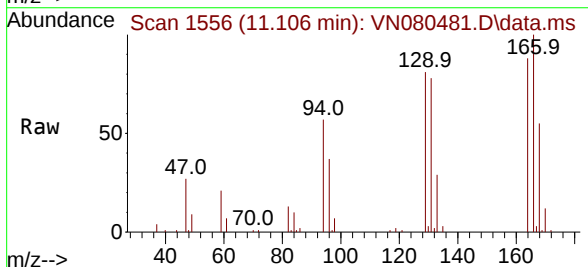
Manual Integrations
APPROVED

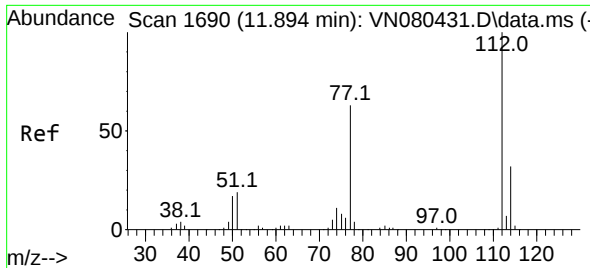
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#64
Tetrachloroethene
Concen: 17.881 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion:164 Resp: 46897
Ion Ratio Lower Upper
164 100
166 113.9 101.4 152.0
129 92.7 82.4 123.6
131 89.1 78.2 117.4





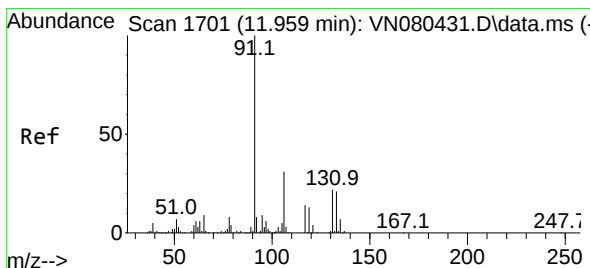
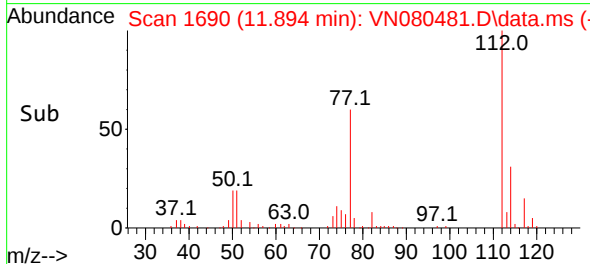
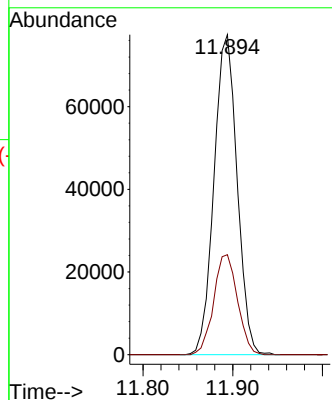
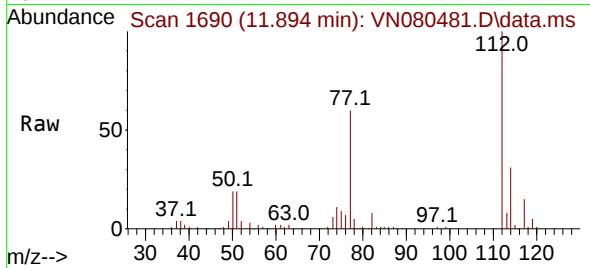
#65
Chlorobenzene
Concen: 18.274 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion:112 Resp: 13808
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

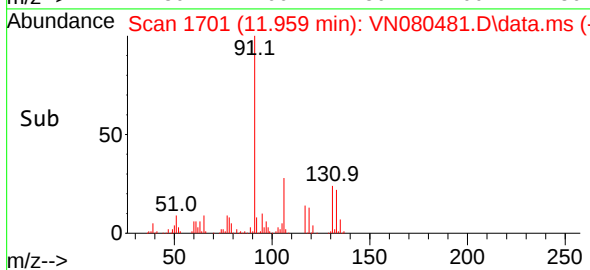
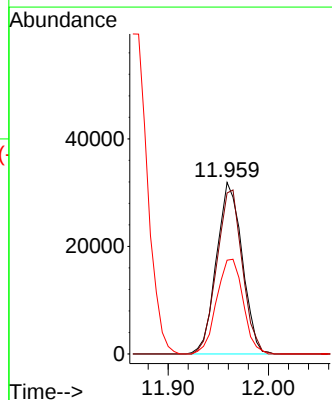
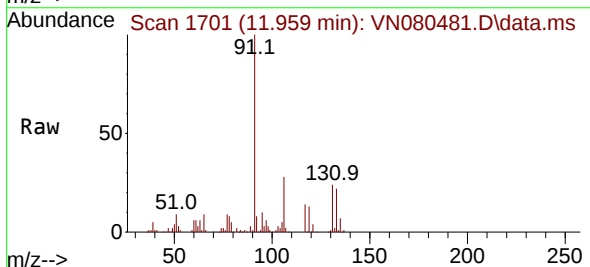
Manual Integrations
APPROVED

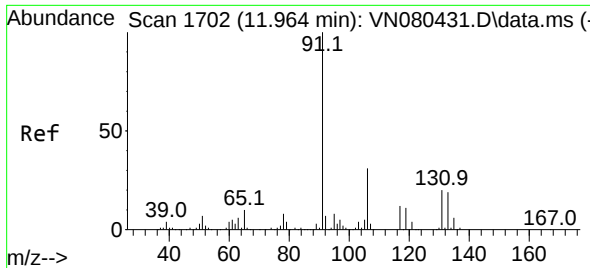
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.166 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion:131 Resp: 56828
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.1
119 56.6 34.1 102.2





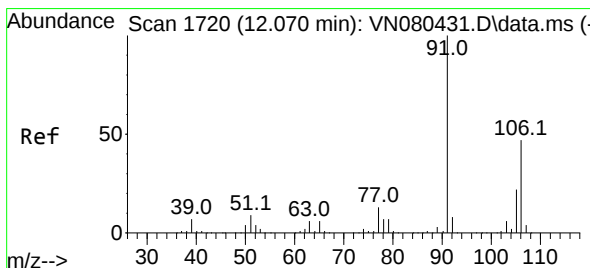
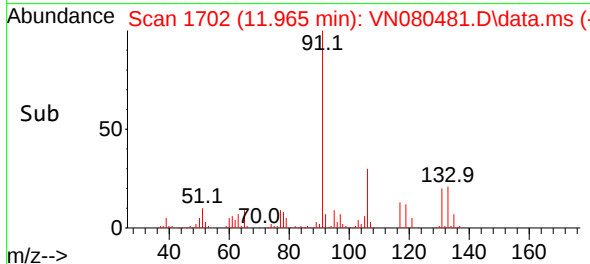
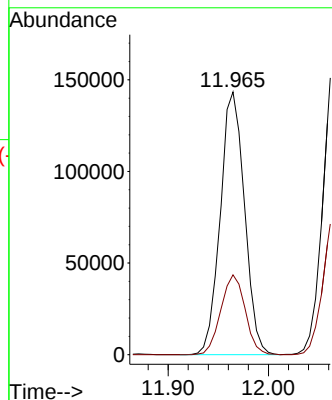
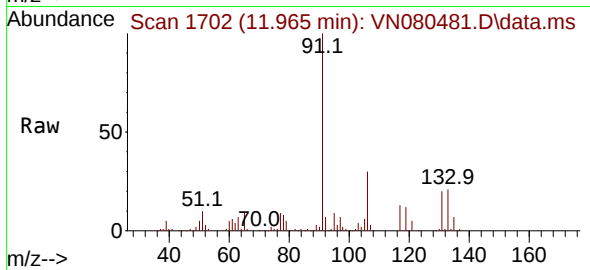
#67
Ethyl Benzene
Concen: 17.310 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion: 91 Resp: 240509
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

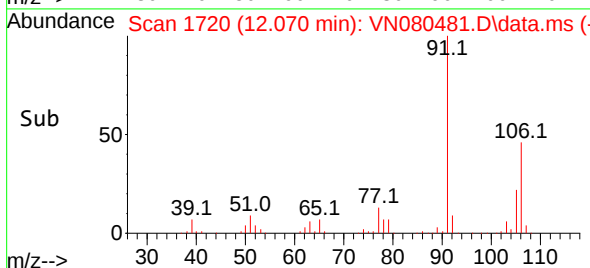
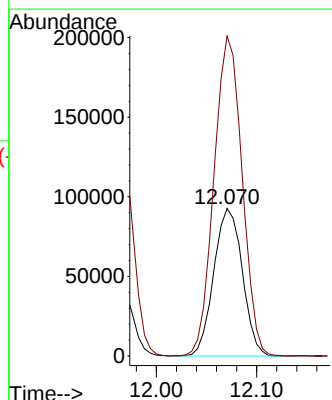
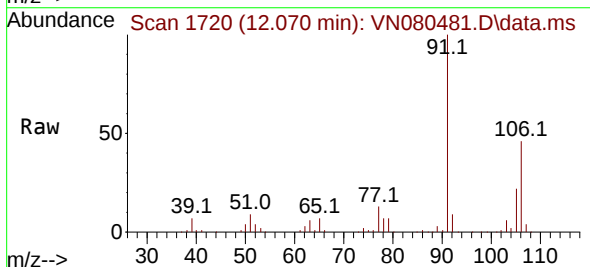
Manual Integrations
APPROVED

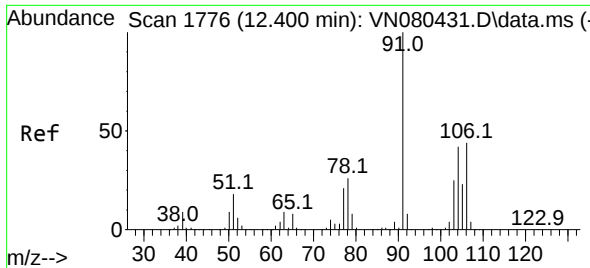
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#68
m/p-Xylenes
Concen: 35.607 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion:106 Resp: 182817
Ion Ratio Lower Upper
106 100
91 214.3 159.6 239.4





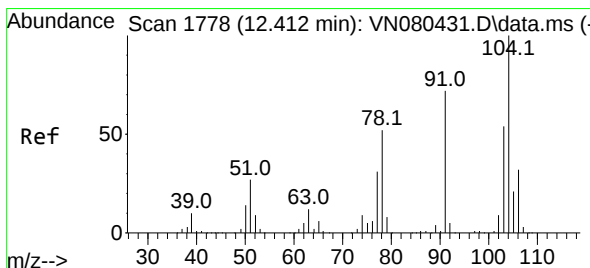
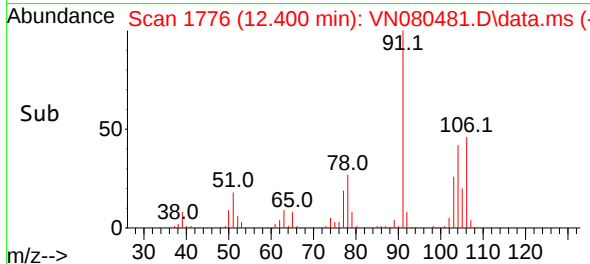
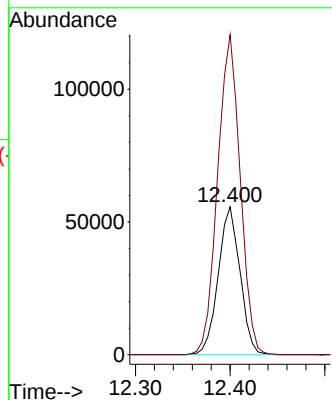
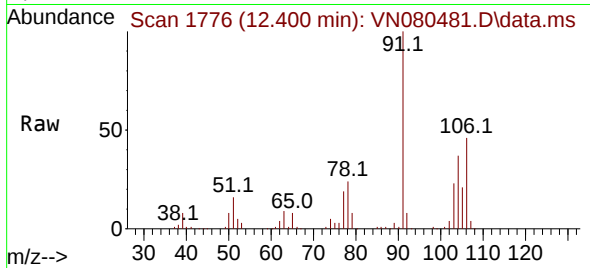
#69
o-Xylene
Concen: 17.719 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion:106 Resp: 8898
Ion Ratio Lower Upper
106 100
91 224.9 105.2 315.5

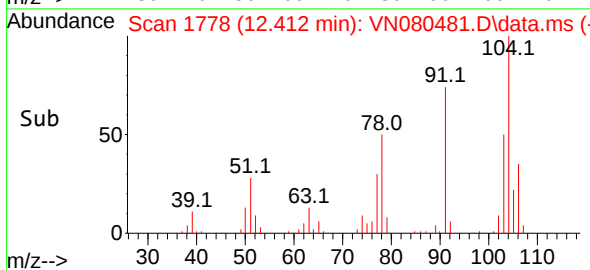
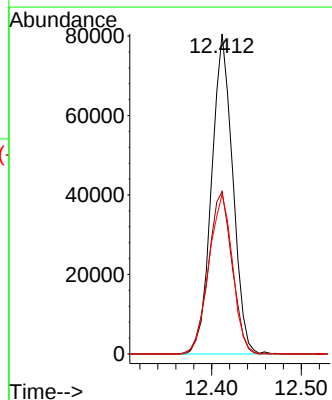
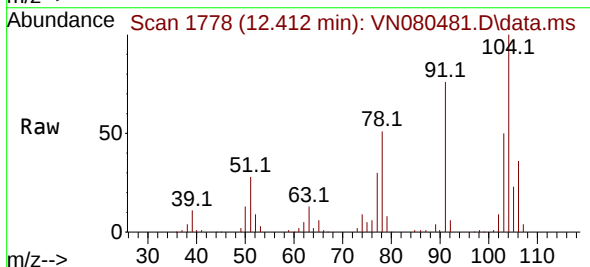
Manual Integrations
APPROVED

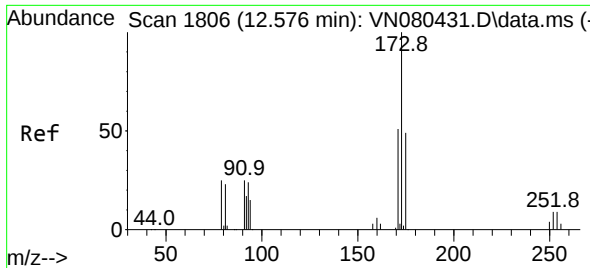
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#70
Styrene
Concen: 18.220 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

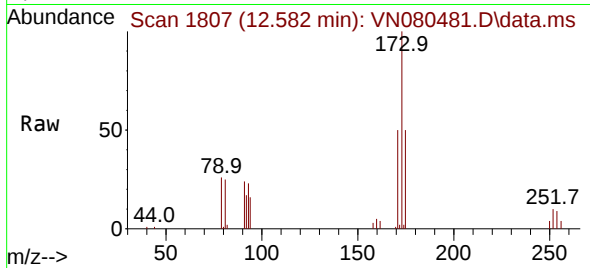
Tgt Ion:104 Resp: 131800
Ion Ratio Lower Upper
104 100
78 56.8 39.5 59.3
103 55.8 43.2 64.8





#71
Bromoform
Concen: 18.313 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

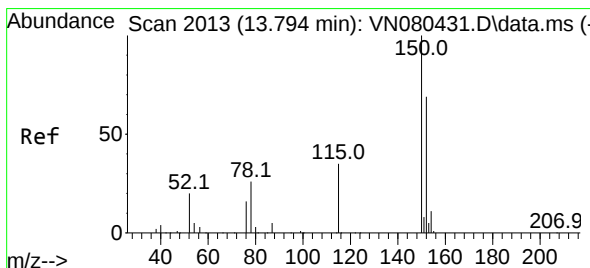
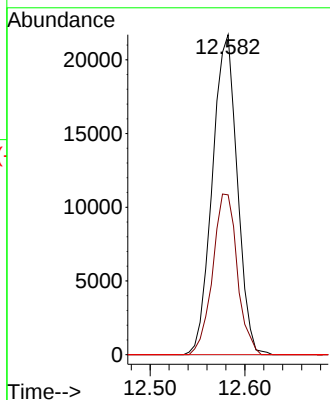
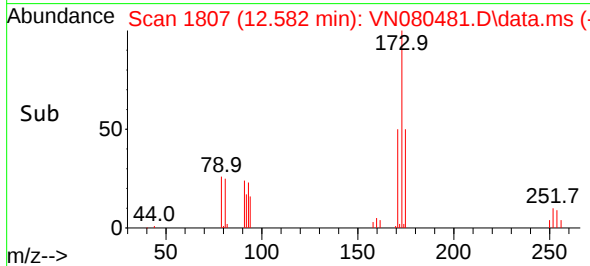
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



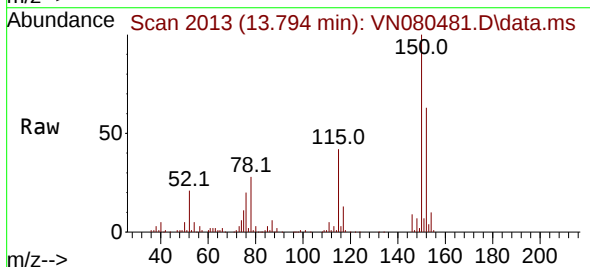
Tgt Ion:173 Resp: 39598
Ion Ratio Lower Upper
173 100
175 49.6 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

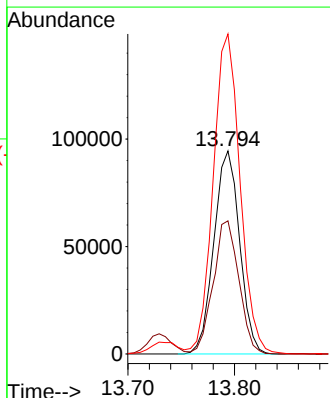
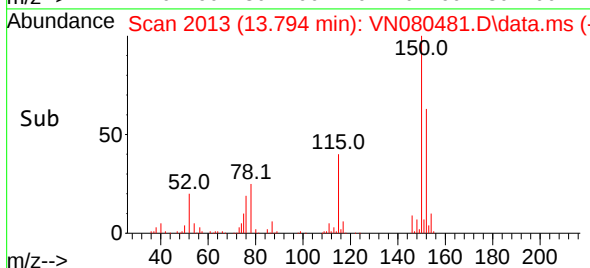
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

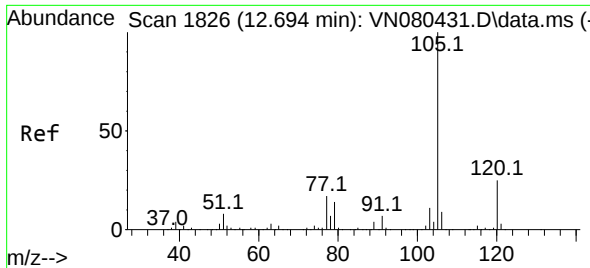


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11



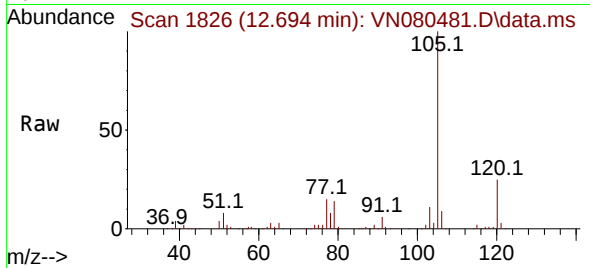
Tgt Ion:152 Resp: 158366
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 164.4 0.0 355.8





#73
Isopropylbenzene
Concen: 17.818 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

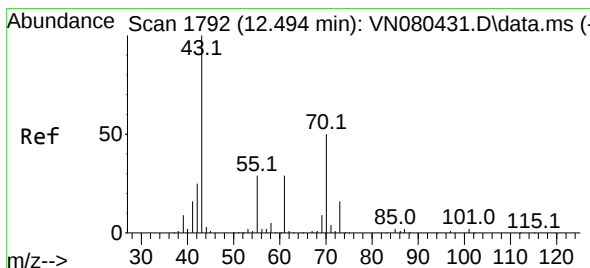
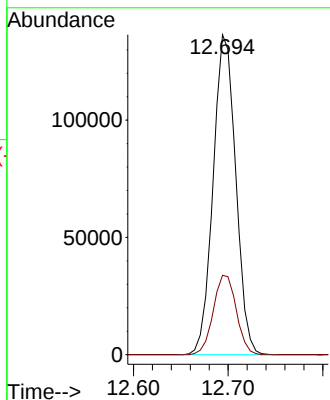
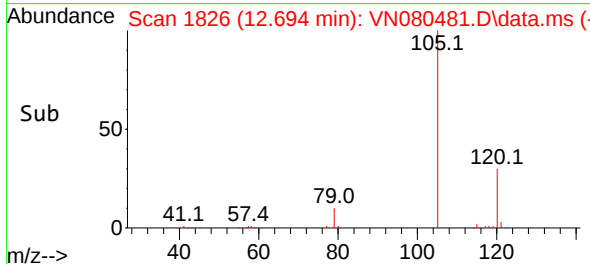
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion:105 Resp: 226678
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1

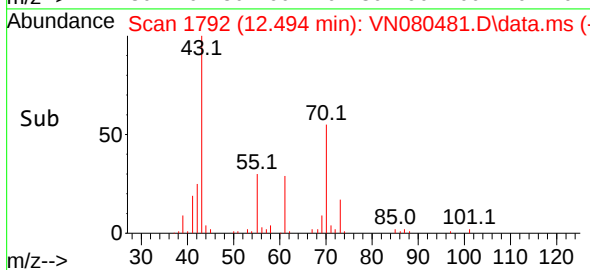
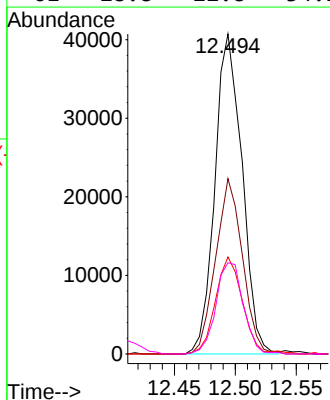
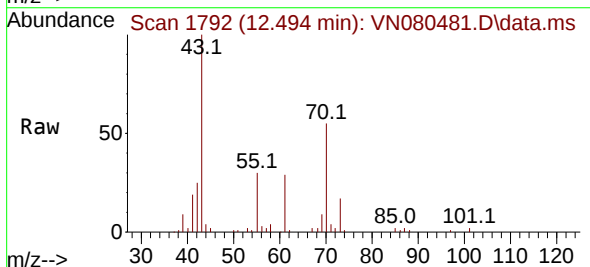
Manual Integrations
APPROVED

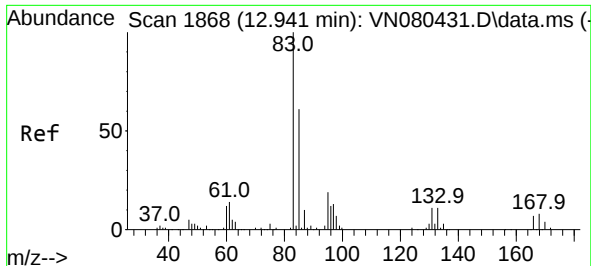
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#74
N-ethyl acetate
Concen: 16.996 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

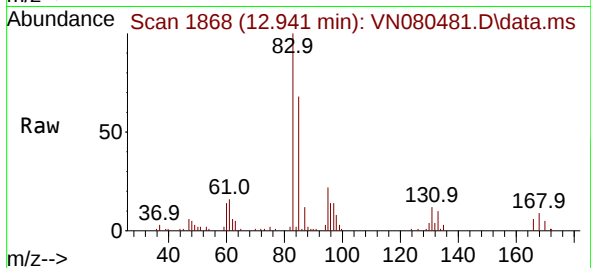
Tgt Ion: 43 Resp: 63140
Ion Ratio Lower Upper
43 100
70 54.1 43.4 65.2
55 30.3 21.4 32.0
61 28.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.067 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

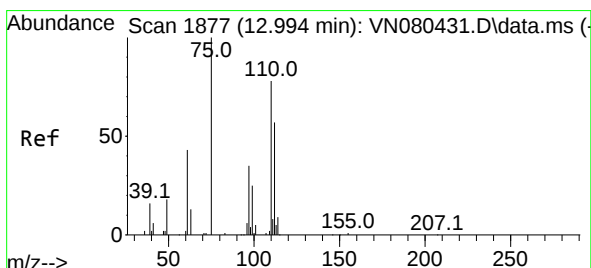
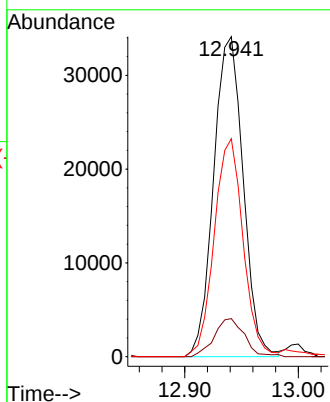
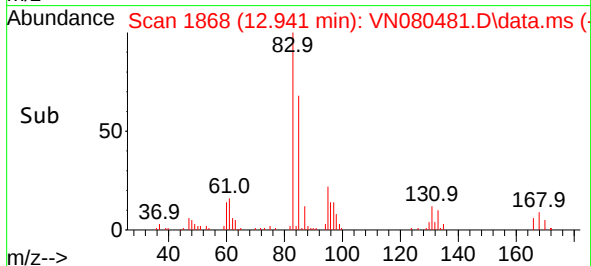
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



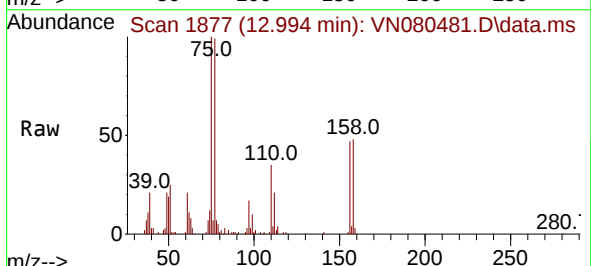
Tgt Ion: 83 Resp: 61589
Ion Ratio Lower Upper
83 100
131 12.2 5.0 15.0
85 66.5 31.9 95.7

Manual Integrations
APPROVED

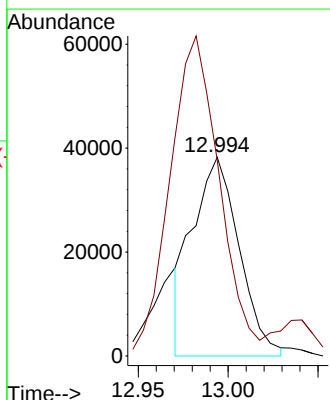
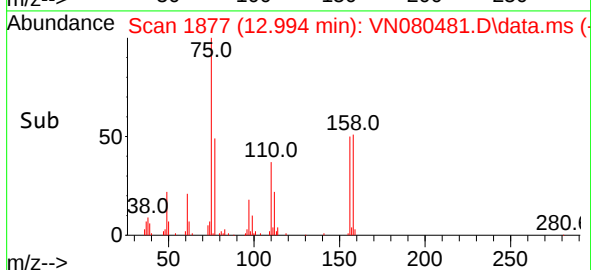
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

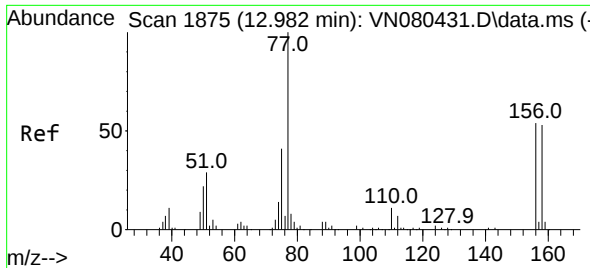


#76
1,2,3-Trichloropropane
Concen: 21.801 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11



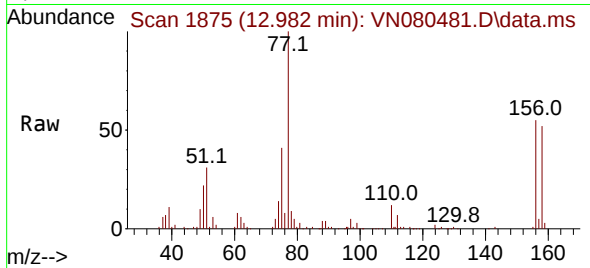
Tgt Ion: 75 Resp: 68877
Ion Ratio Lower Upper
75 100
77 171.3 84.5 253.5





#77
Bromobenzene
Concen: 18.329 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

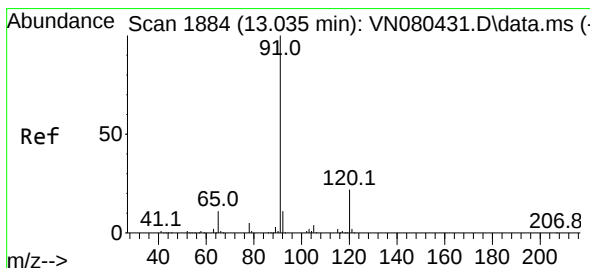
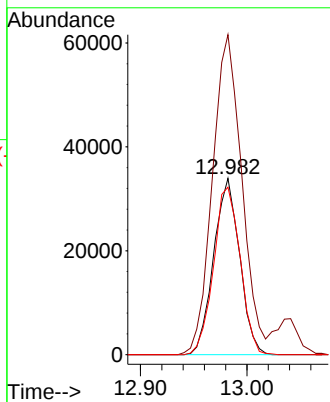
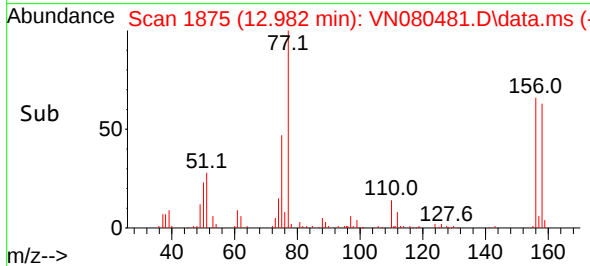
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



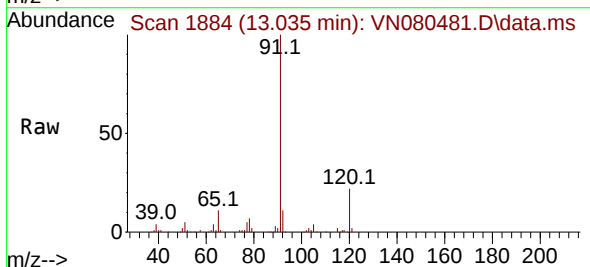
Tgt Ion:156 Resp: 5736
Ion Ratio Lower Upper
156 100
77 205.6 107.7 323.3
158 97.5 48.4 145.3

Manual Integrations
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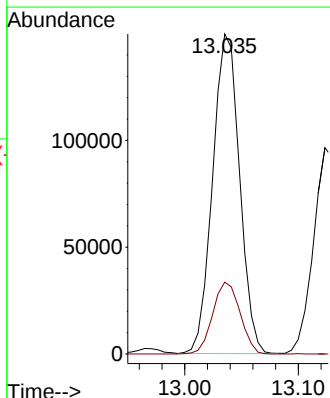
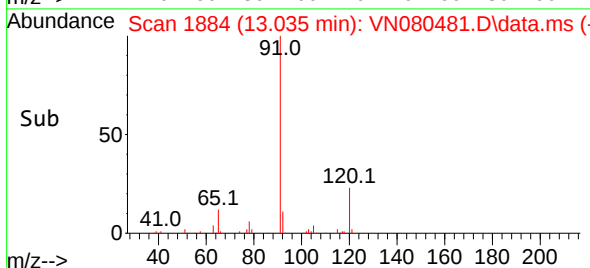
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

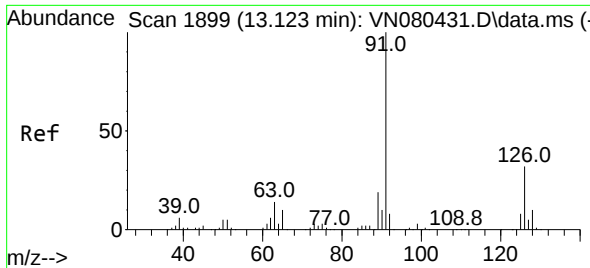


#78
n-propylbenzene
Concen: 17.585 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11



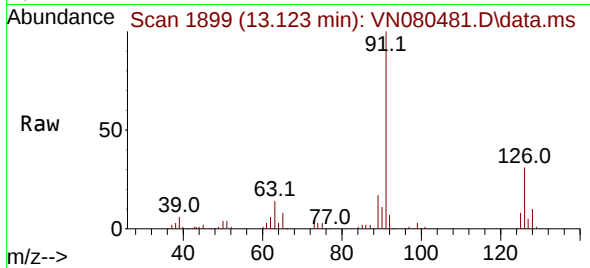
Tgt Ion: 91 Resp: 246659
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.128 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

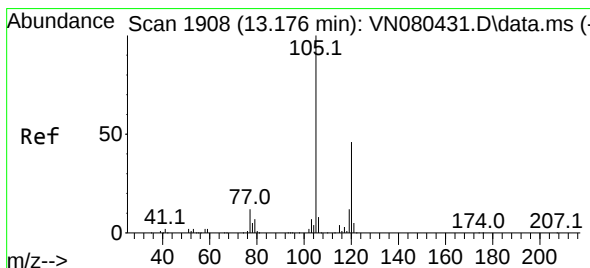
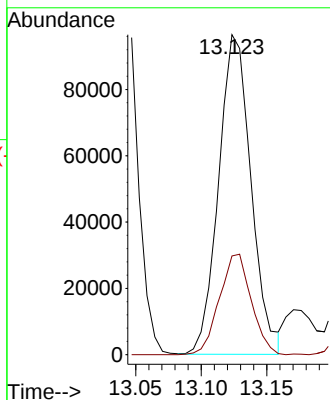
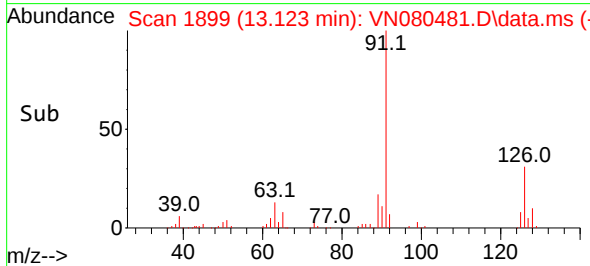
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



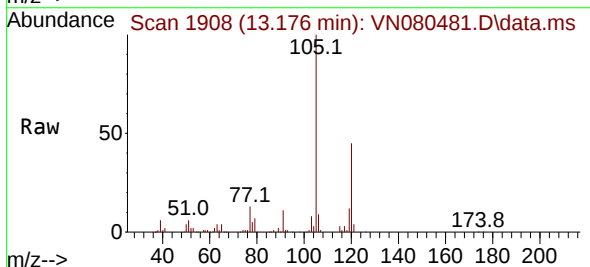
Tgt Ion: 91 Resp: 16601
Ion Ratio Lower Upper
91 100
126 30.9 16.3 48.8

Manual Integrations
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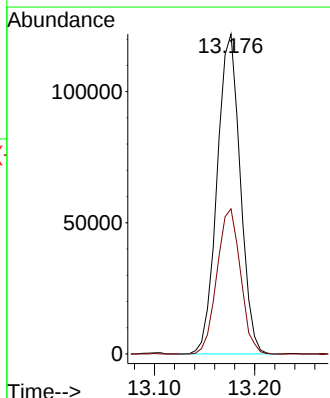
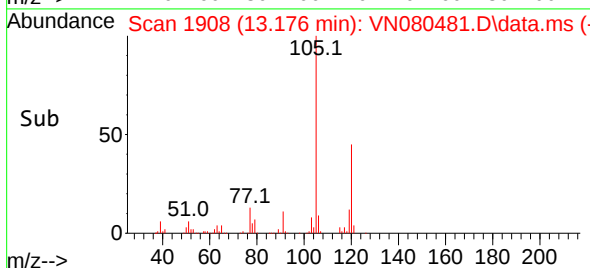
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

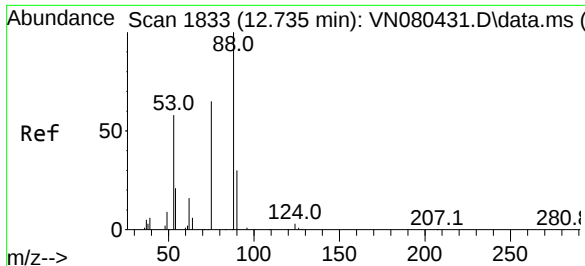


#80
1,3,5-Trimethylbenzene
Concen: 17.808 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11



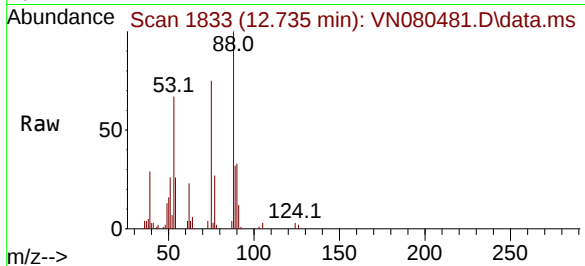
Tgt Ion:105 Resp: 195116
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.829 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

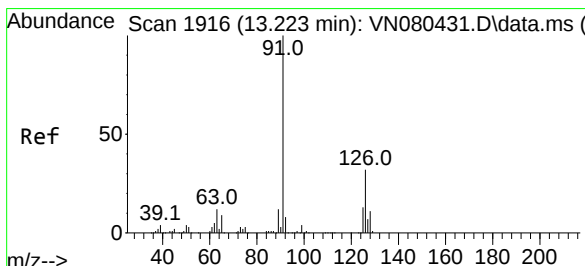
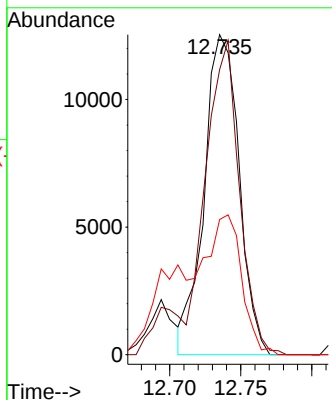
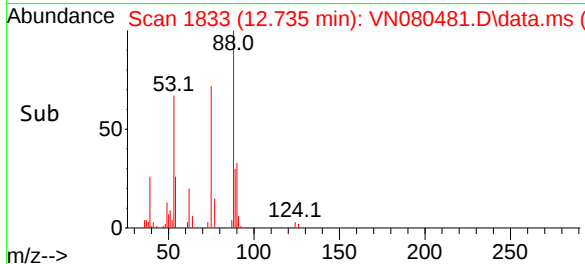
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



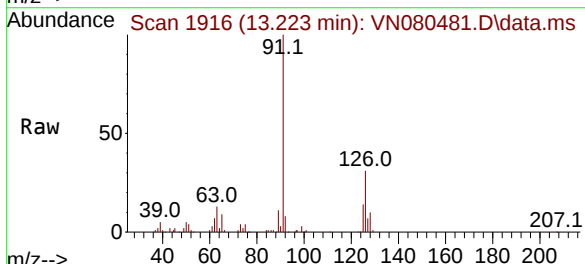
Tgt Ion: 75 Resp: 2145
Ion Ratio Lower Upper
75 100
53 93.6 67.4 101.2
89 43.8 38.8 58.2

Manual Integrations
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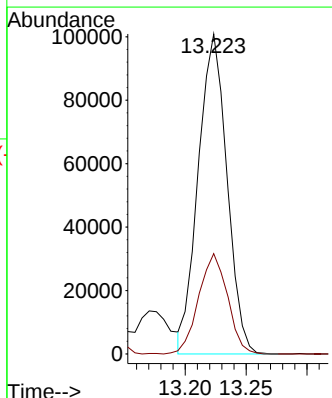
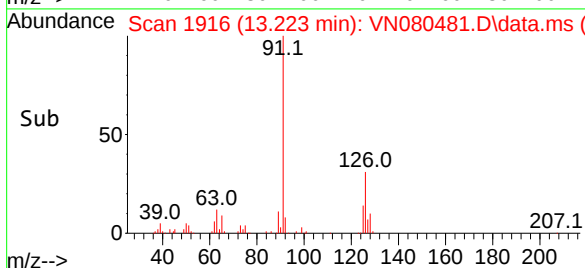
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

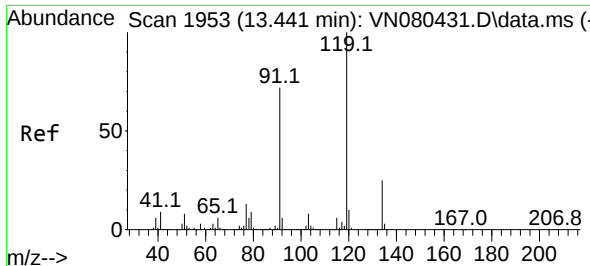


#82
4-Chlorotoluene
Concen: 17.554 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11



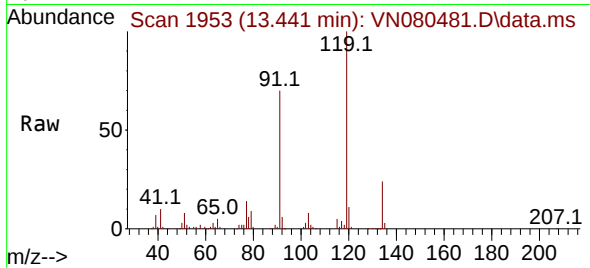
Tgt Ion: 91 Resp: 165226
Ion Ratio Lower Upper
91 100
126 31.5 16.7 50.0





#83
tert-Butylbenzene
Concen: 16.924 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

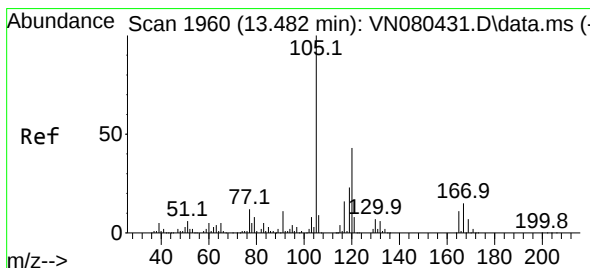
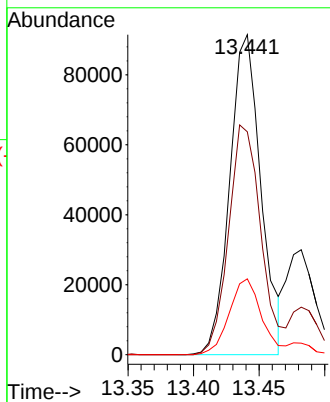
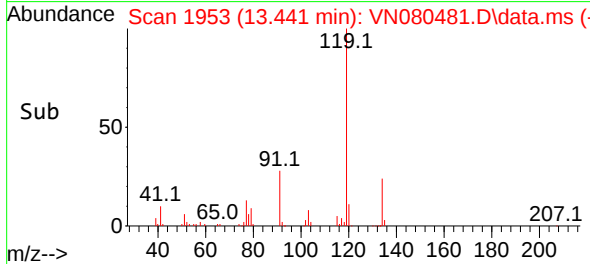
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



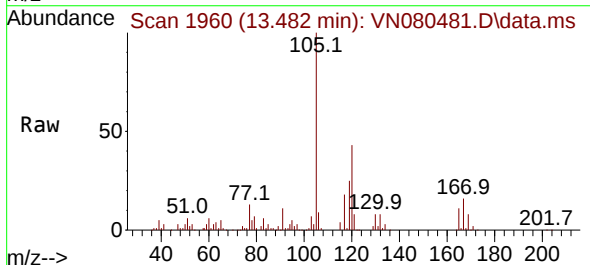
Tgt Ion:119 Resp: 15186
Ion Ratio Lower Upper
119 100
91 75.0 33.9 101.7
134 24.6 13.2 39.6

Manual Integrations
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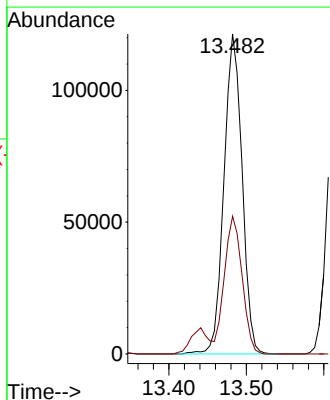
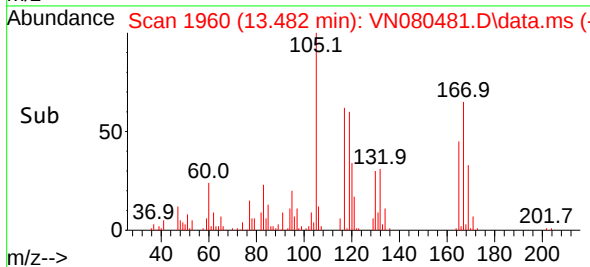
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

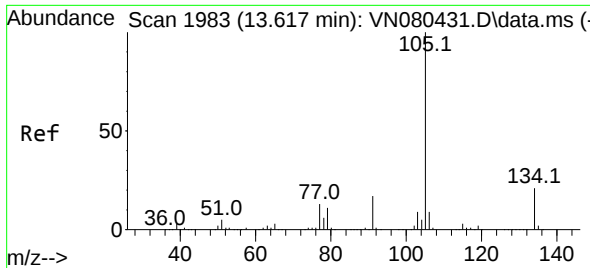


#84
1,2,4-Trimethylbenzene
Concen: 18.134 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11



Tgt Ion:105 Resp: 197659
Ion Ratio Lower Upper
105 100
120 42.0 22.0 66.0





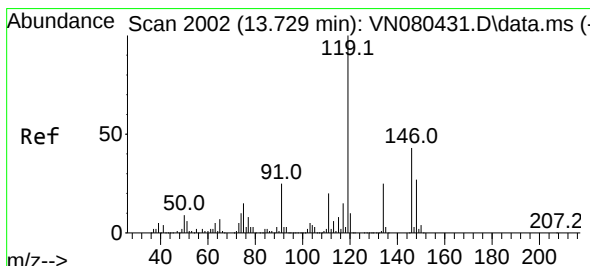
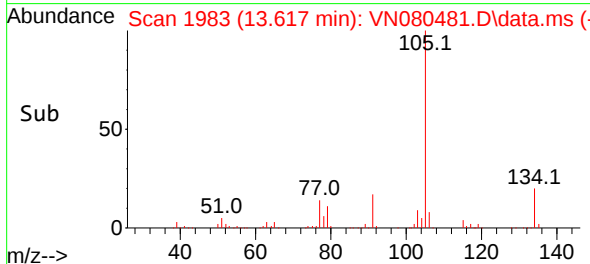
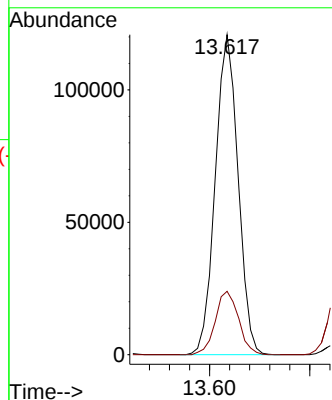
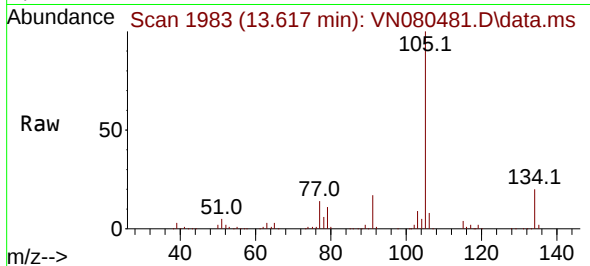
#85
 sec-Butylbenzene
 Concen: 16.605 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS02

Tgt Ion:105 Resp: 190609
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

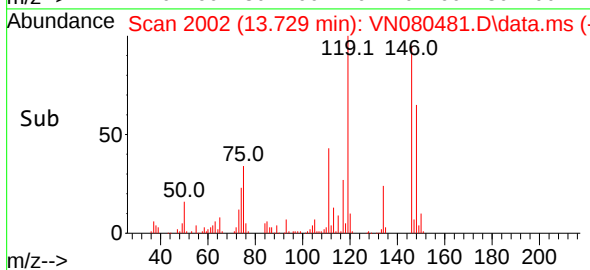
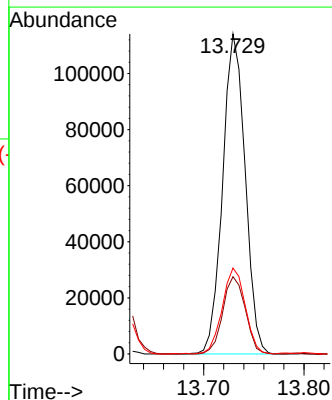
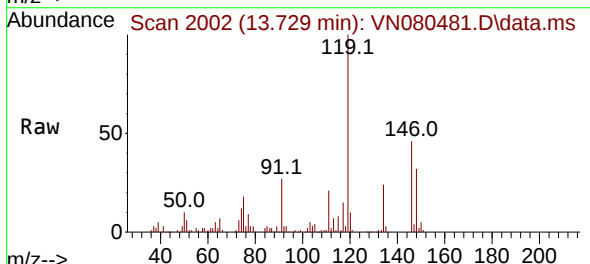
Manual Integrations
 APPROVED

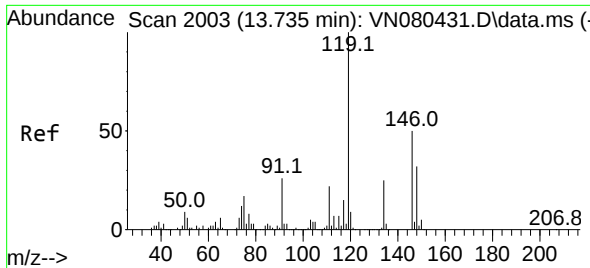
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#86
 p-Isopropyltoluene
 Concen: 17.106 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

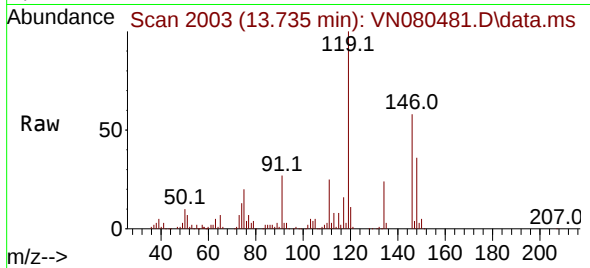
Tgt Ion:119 Resp: 177289
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.6 37.8
 91 27.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.550 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

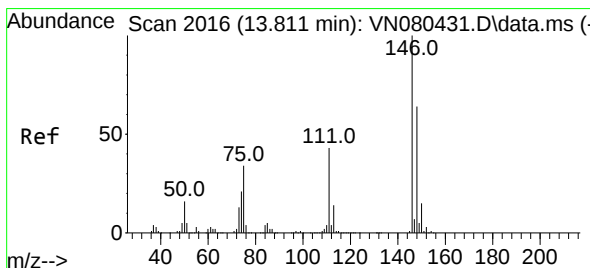
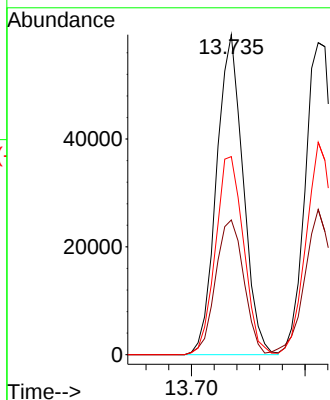
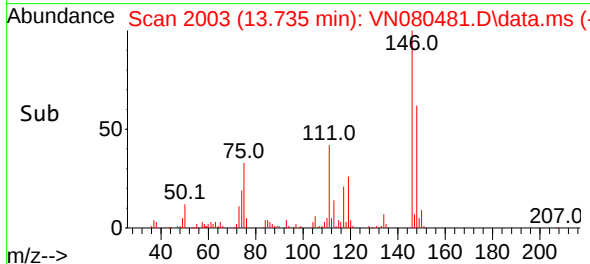
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion:146 Resp: 9677
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.3
148 65.1 32.0 96.0

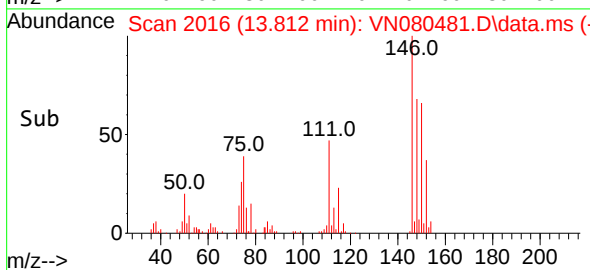
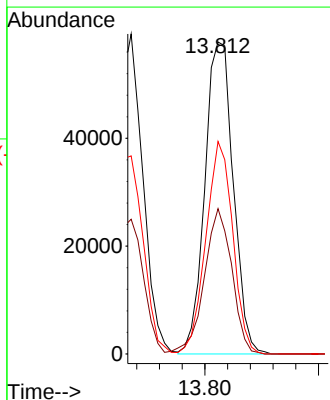
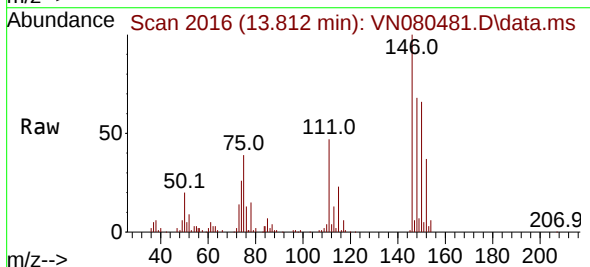
Manual Integrations
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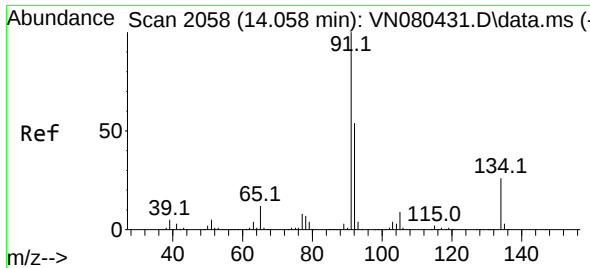
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#88
1,4-Dichlorobenzene
Concen: 18.088 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

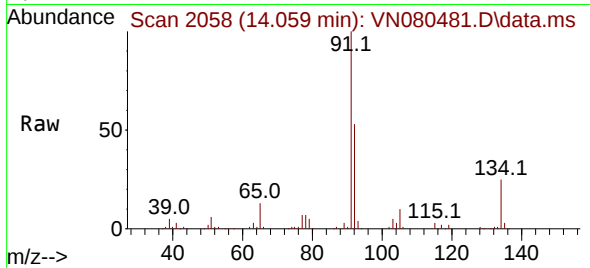
Tgt Ion:146 Resp: 100680
Ion Ratio Lower Upper
146 100
111 45.0 20.6 61.8
148 64.5 31.6 94.8





#89
n-Butylbenzene
Concen: 16.134 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

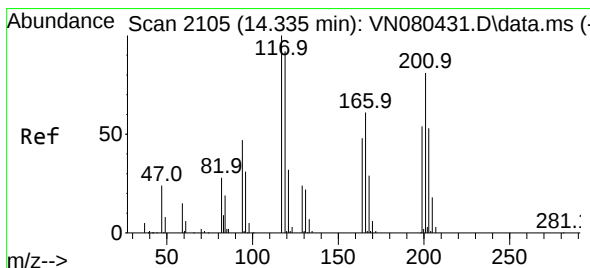
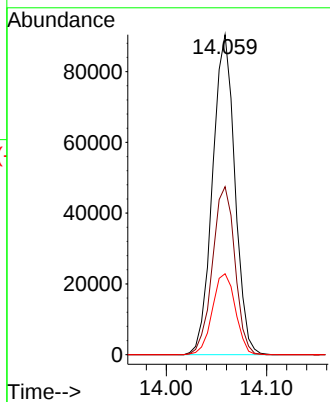
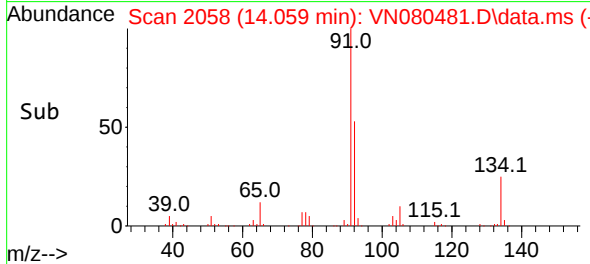
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion: 91 Resp: 13964
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 26.2 12.6 37.6

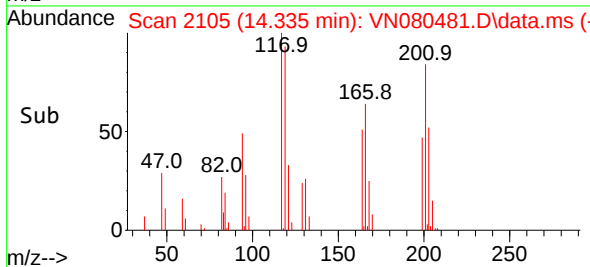
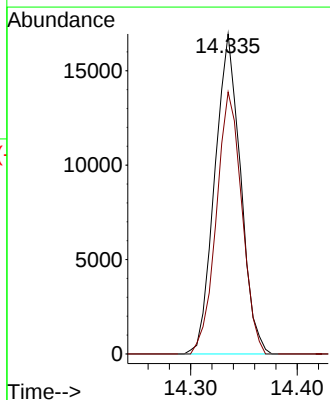
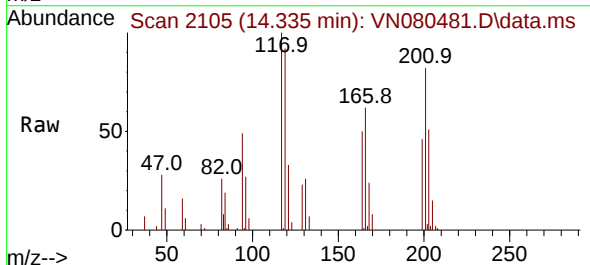
Manual Integrations
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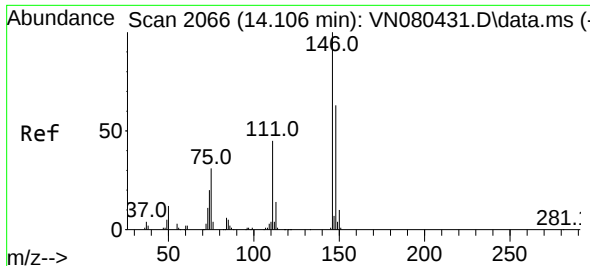
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#90
Hexachloroethane
Concen: 17.281 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion:117 Resp: 28445
Ion Ratio Lower Upper
117 100
201 81.1 29.3 88.0





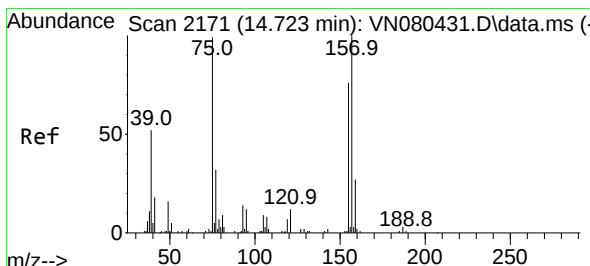
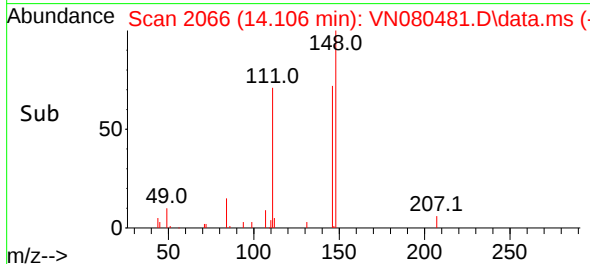
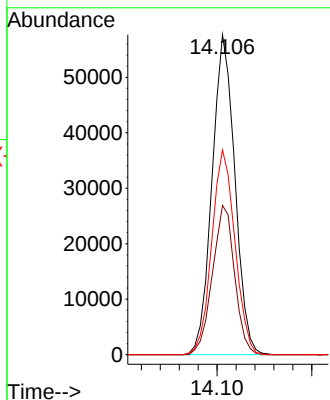
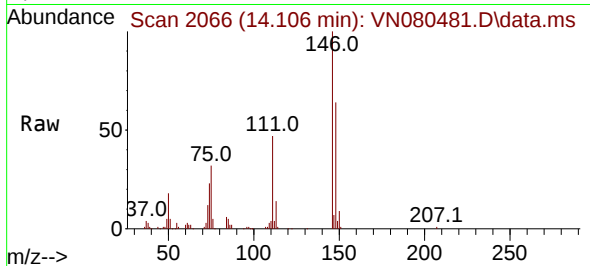
#91
1,2-Dichlorobenzene
Concen: 18.431 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02

Tgt Ion:146 Resp: 96500
Ion Ratio Lower Upper
146 100
111 45.3 22.0 66.0
148 65.0 31.8 95.3

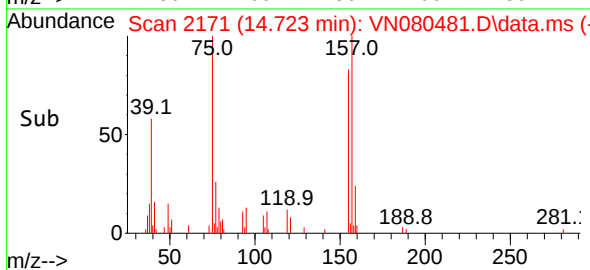
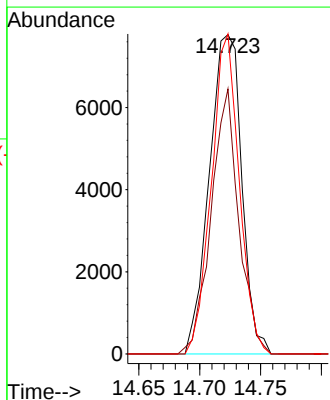
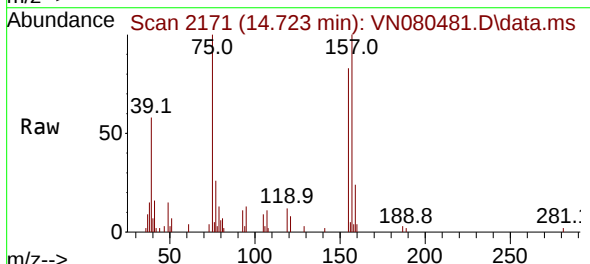
Manual Integrations
APPROVED

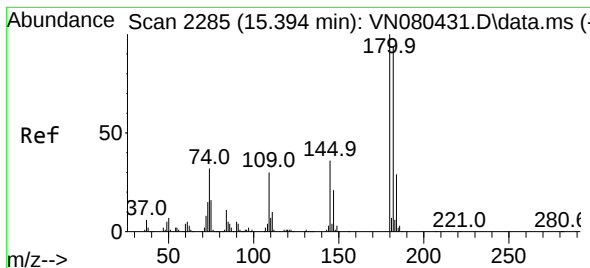
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.102 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 75 Resp: 14414
Ion Ratio Lower Upper
75 100
155 70.8 39.1 117.2
157 86.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.999 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS02

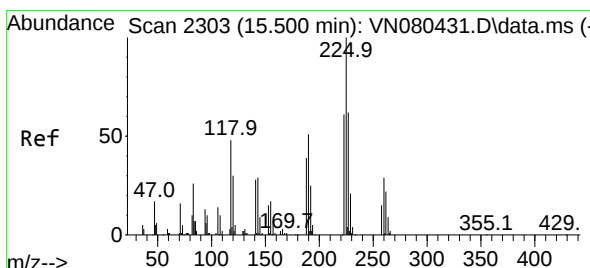
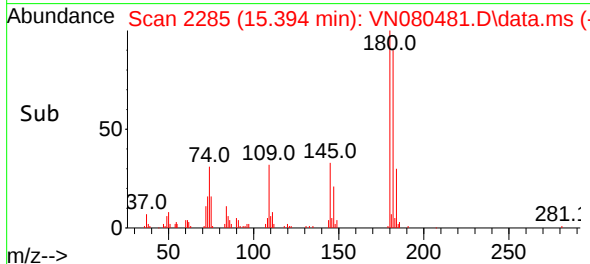
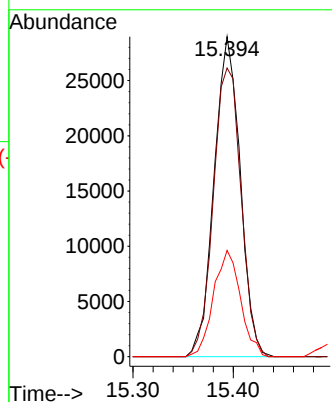
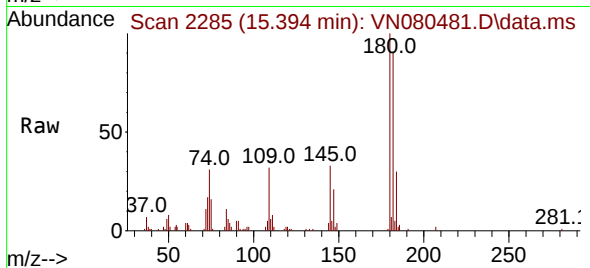
Tgt Ion:	180	Resp:	5232
Ion Ratio	Lower	Upper	
180	100		
182	95.7	46.1	138.2
145	34.3	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#94

Hexachlorobutadiene

Concen: 16.385 ug/l

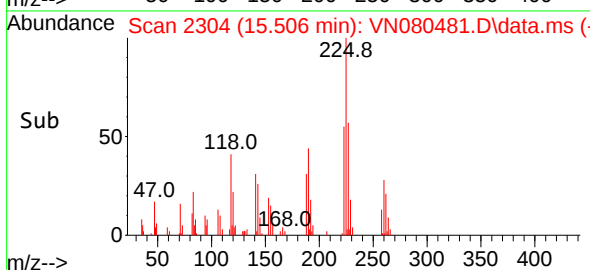
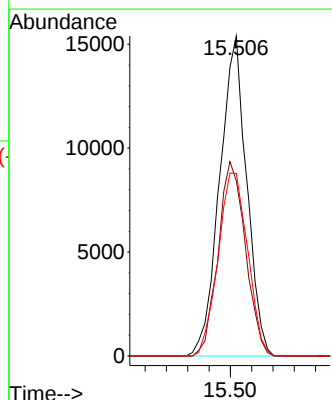
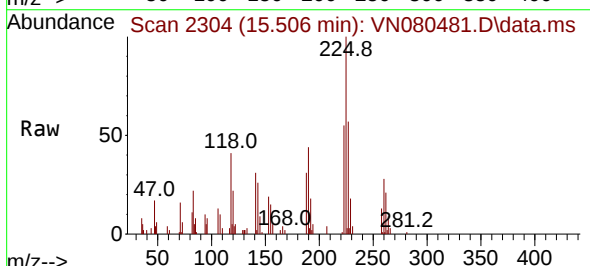
RT: 15.506 min Scan# 2304

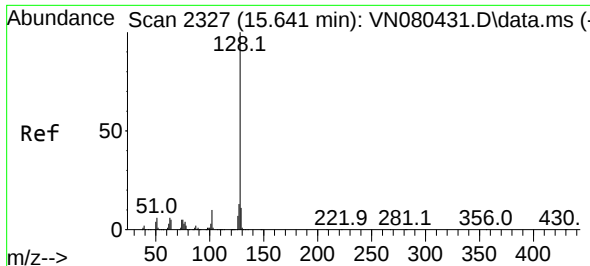
Delta R.T. 0.006 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

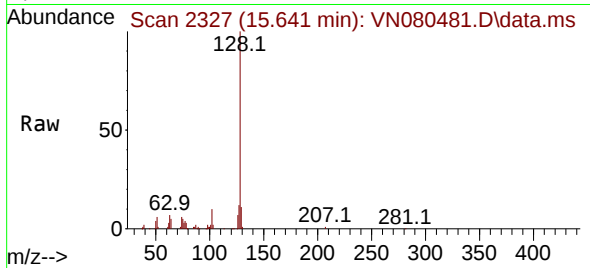
Tgt Ion:	225	Resp:	27117
Ion Ratio	Lower	Upper	
225	100		
223	61.4	31.3	93.8
227	62.5	31.9	95.9





#95
Naphthalene
Concen: 17.907 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

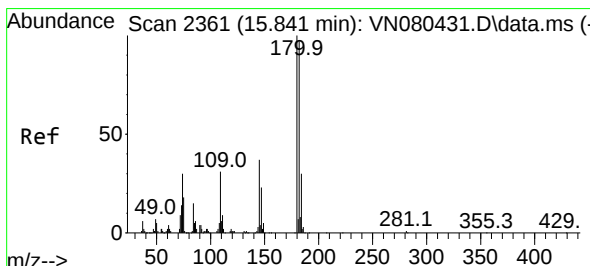
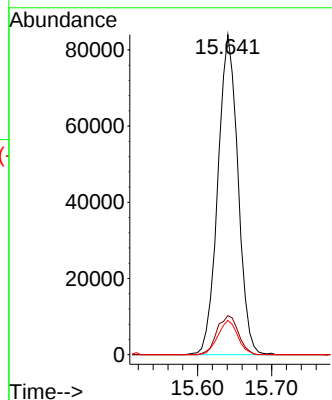
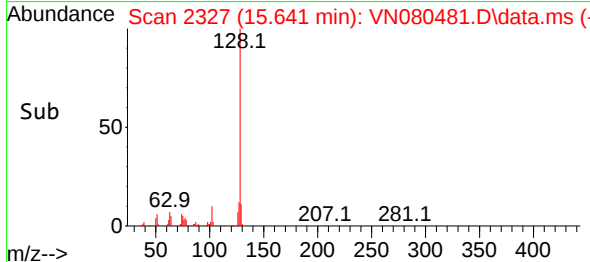
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS02



Tgt Ion:128 Resp: 15807
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.991 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion:180 Resp: 50471
Ion Ratio Lower Upper
180 100
182 97.2 46.2 138.6
145 36.2 17.5 52.6

