

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080567.D
 Acq On : 21 Dec 2023 12:30
 Operator : JC\MD
 Sample : VN1221WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2023
 Supervised By : Mahesh Dadoda 12/22/2023

Quant Time: Dec 22 03:57:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	319674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	509073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	460813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	212451	52.033	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.060%			
35) Dibromofluoromethane	8.165	113	168276	52.135	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.260%			
50) Toluene-d8	10.565	98	640782	53.231	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.460%			
62) 4-Bromofluorobenzene	12.847	95	226077	49.458	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	68757	16.831	ug/l	99
3) Chloromethane	2.365	50	63842	14.651	ug/l	97
4) Vinyl Chloride	2.512	62	54133	15.516	ug/l	95
5) Bromomethane	2.959	94	27832	17.694	ug/l	96
6) Chloroethane	3.124	64	35514	15.842	ug/l	96
7) Trichlorofluoromethane	3.500	101	121341	17.148	ug/l	99
8) Diethyl Ether	3.959	74	40670	18.247	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	61046	18.201	ug/l	94
10) Methyl Iodide	4.594	142	42769	14.498	ug/l	97
11) Tert butyl alcohol	5.506	59	39883	82.941	ug/l #	86
12) 1,1-Dichloroethene	4.342	96	58664	17.071	ug/l	90
13) Acrolein	4.177	56	57235	108.686	ug/l	99
14) Allyl chloride	5.018	41	74592	17.543	ug/l	98
15) Acrylonitrile	5.718	53	132096	97.222	ug/l	98
16) Acetone	4.424	43	108994	150.553	ug/l	96
17) Carbon Disulfide	4.712	76	145880	14.979	ug/l	99
18) Methyl Acetate	5.018	43	98918	21.235	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	207659	18.112	ug/l	95
20) Methylene Chloride	5.283	84	68608	17.708	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	64602	17.337	ug/l #	82
22) Diisopropyl ether	6.665	45	178832	19.487	ug/l #	90
23) Vinyl Acetate	6.606	43	442429	83.943	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	118864	18.565	ug/l	97
25) 2-Butanone	7.483	43	145751	104.508	ug/l	90
26) 2,2-Dichloropropane	7.488	77	106742	16.304	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	71770	17.016	ug/l	89
28) Bromochloromethane	7.812	49	47917	19.492	ug/l #	5
29) Tetrahydrofuran	7.841	42	89788	89.907	ug/l	91
30) Chloroform	7.965	83	125029	17.592	ug/l	96
31) Cyclohexane	8.259	56	89449	16.110	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	115196	16.555	ug/l	99
36) 1,1-Dichloropropene	8.371	75	88943	16.853	ug/l	95
37) Ethyl Acetate	7.553	43	60083	18.181	ug/l	98
38) Carbon Tetrachloride	8.359	117	104652	16.595	ug/l	98
39) Methylcyclohexane	9.606	83	82356	15.021	ug/l	91
40) Benzene	8.606	78	262579	17.230	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	32373	16.991	ug/l	95
42) 1,2-Dichloroethane	8.671	62	99148	17.569	ug/l	99
43) Isopropyl Acetate	8.688	43	102275	17.212	ug/l	97
44) Trichloroethene	9.353	130	70130	17.070	ug/l	97
45) 1,2-Dichloropropane	9.618	63	65219	18.221	ug/l	92
46) Dibromomethane	9.706	93	46900	18.246	ug/l	93
47) Bromodichloromethane	9.888	83	101681	18.457	ug/l	99
48) Methyl methacrylate	9.676	41	62939	17.749	ug/l	91
49) 1,4-Dioxane	9.688	88	18982	353.168	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	312338	95.441	ug/l	100
52) Toluene	10.629	92	173750	18.047	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	104594	17.548	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	113370	17.795	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	68080	19.653	ug/l	94
56) Ethyl methacrylate	10.871	69	70696	18.433	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	112817	18.578	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	197584	81.605	ug/l	96
59) 2-Hexanone	11.194	43	227317	94.089	ug/l	99
60) Dibromochloromethane	11.359	129	76346	18.599	ug/l	100
61) 1,2-Dibromoethane	11.470	107	64559	18.006	ug/l	95
64) Tetrachloroethene	11.100	164	58066	16.320	ug/l	95
65) Chlorobenzene	11.894	112	176173	17.186	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	71584	17.797	ug/l	95
67) Ethyl Benzene	11.965	91	314223	16.671	ug/l	99
68) m/p-Xylenes	12.070	106	234978	33.737	ug/l	92
69) o-Xylene	12.400	106	113122	16.605	ug/l	92
70) Styrene	12.412	104	167493	17.068	ug/l	96
71) Bromoform	12.576	173	49751	16.961	ug/l #	99
73) Isopropylbenzene	12.694	105	286112	17.142	ug/l	98
74) N-amyl acetate	12.494	43	84911	17.421	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	83198	18.602	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	75075m	18.112	ug/l	
77) Bromobenzene	12.976	156	71837	17.496	ug/l	97
78) n-propylbenzene	13.035	91	324491	17.633	ug/l	99
79) 2-Chlorotoluene	13.123	91	210467	17.518	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	247333	17.206	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	26396m	16.720	ug/l	
82) 4-Chlorotoluene	13.223	91	209157	16.937	ug/l	98
83) tert-Butylbenzene	13.441	119	197608	16.785	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	248498	17.377	ug/l	98
85) sec-Butylbenzene	13.617	105	253745	16.849	ug/l	99
86) p-Isopropyltoluene	13.729	119	225626	16.593	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	123052	17.010	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	122072	16.717	ug/l	96
89) n-Butylbenzene	14.059	91	185389	16.326	ug/l	100
90) Hexachloroethane	14.335	117	35833	16.593	ug/l	77
91) 1,2-Dichlorobenzene	14.106	146	120740	17.577	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15706	16.695	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	64727	16.971	ug/l	97
94) Hexachlorobutadiene	15.500	225	32561	14.996	ug/l	96
95) Naphthalene	15.641	128	192798	16.647	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	61279	16.650	ug/l	98

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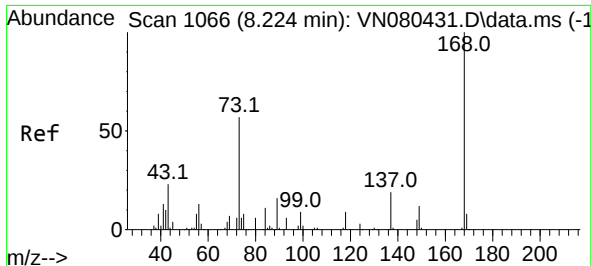
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

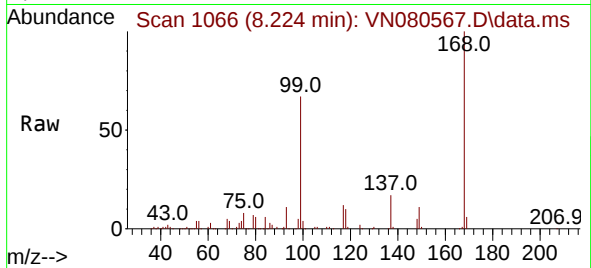
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080567.D
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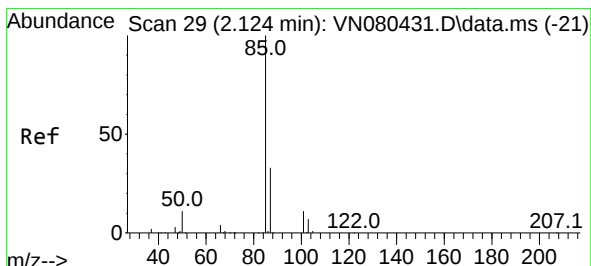
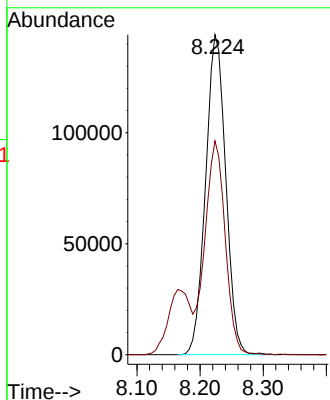
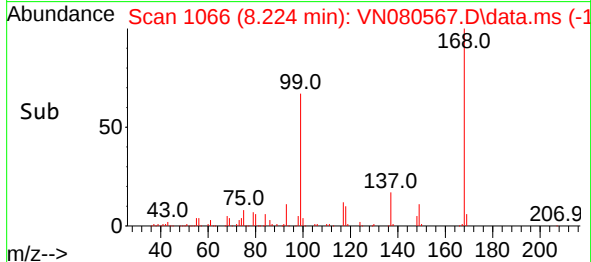
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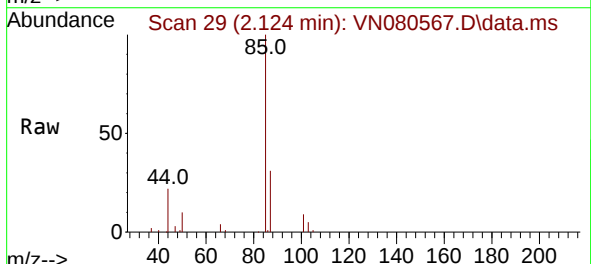
Tgt Ion:168 Resp: 319674
Ion Ratio Lower Upper
168 100
99 66.7 53.0 79.6

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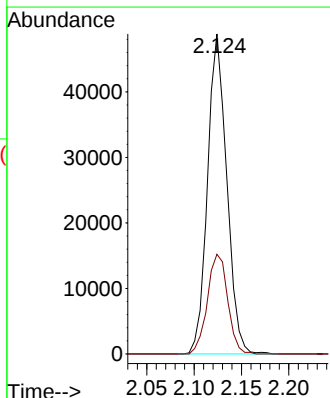
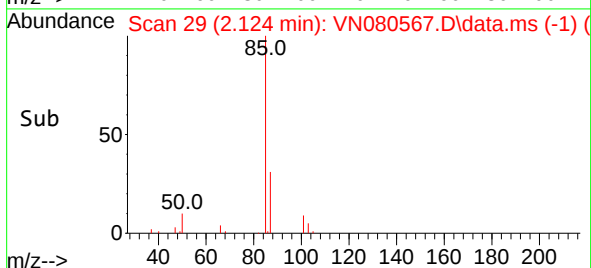
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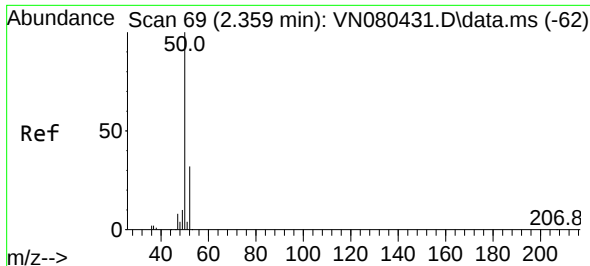


#2
Dichlorodifluoromethane
Concen: 16.831 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30



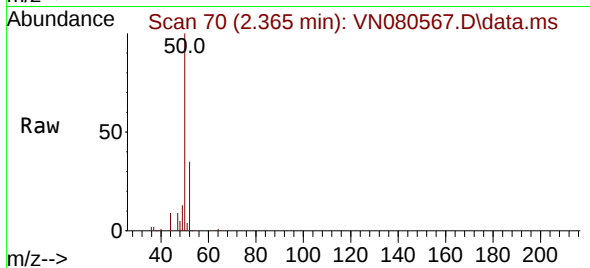
Tgt Ion: 85 Resp: 68757
Ion Ratio Lower Upper
85 100
87 31.1 15.8 47.4





#3
Chloromethane
Concen: 14.651 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

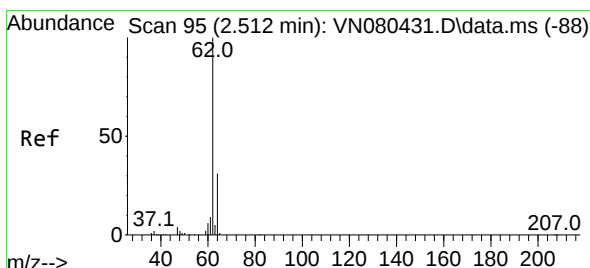
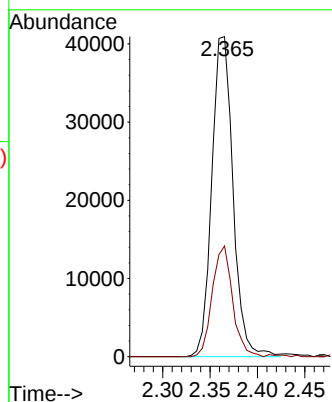
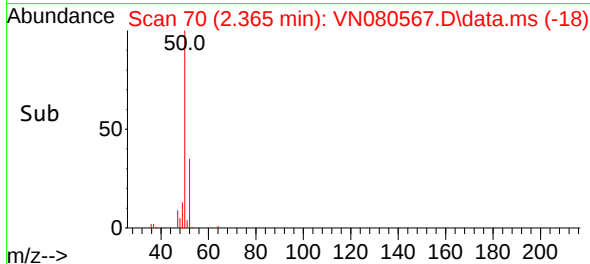
Instrument :
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Tgt Ion: 50 Resp: 6384
Ion Ratio Lower Upper
50 100
52 34.6 26.5 39.7

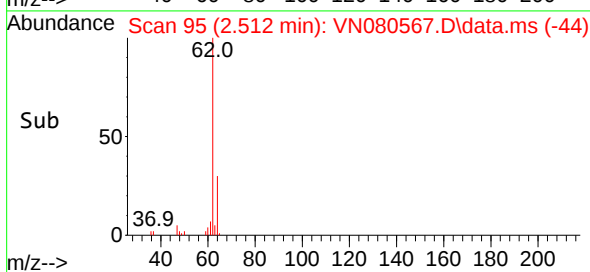
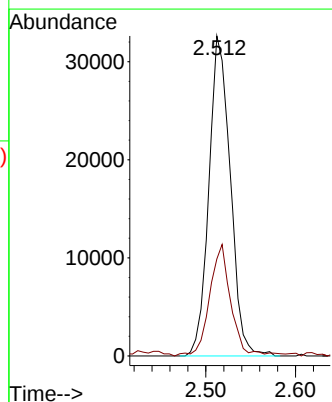
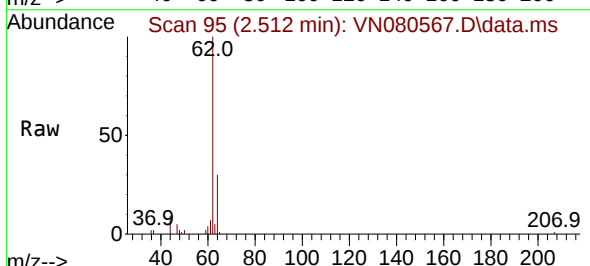
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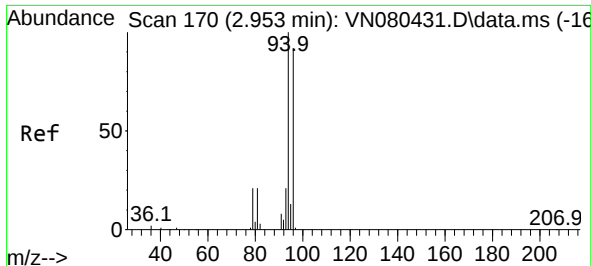
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#4
Vinyl Chloride
Concen: 15.516 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

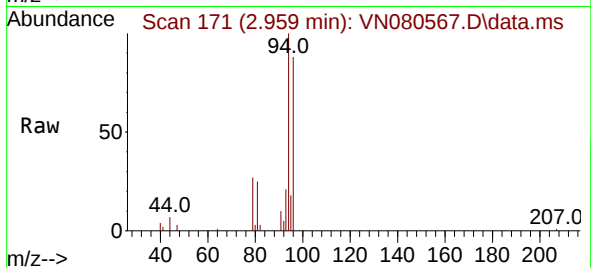
Tgt Ion: 62 Resp: 54133
Ion Ratio Lower Upper
62 100
64 29.6 26.2 39.2





#5
Bromomethane
Concen: 17.694 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

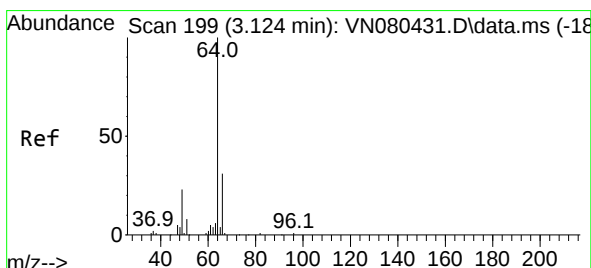
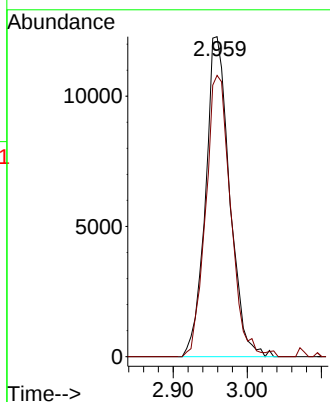
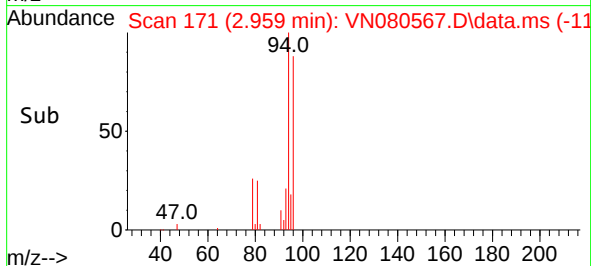
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Tgt Ion: 94 Resp: 2783
Ion Ratio Lower Upper
94 100
96 87.9 73.1 109.7

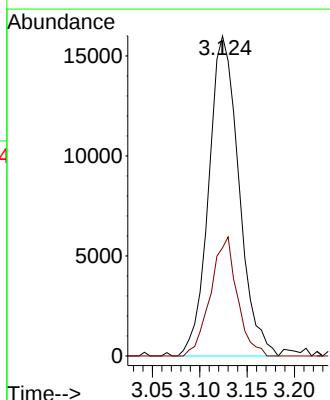
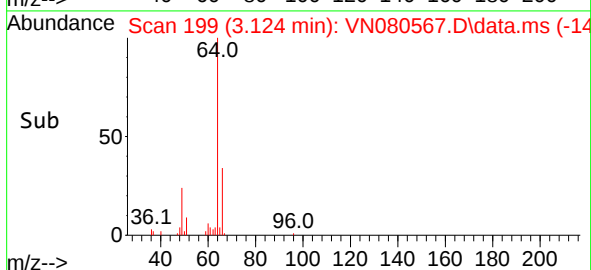
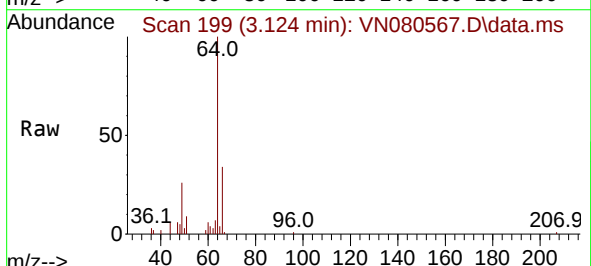
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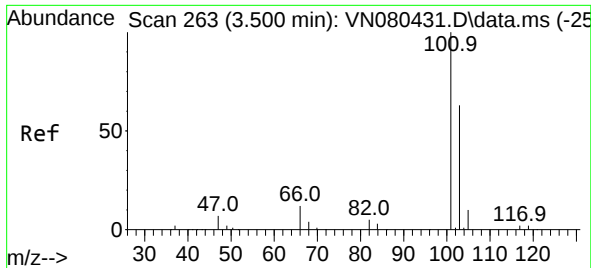
Reviewed By :John Carlone 12/22/2023
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#6
Chloroethane
Concen: 15.842 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

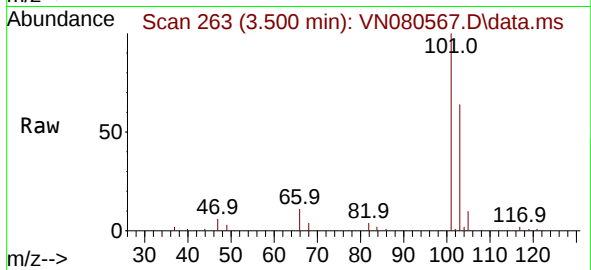
Tgt Ion: 64 Resp: 35514
Ion Ratio Lower Upper
64 100
66 33.8 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 17.148 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN080567.D
 Acq: 21 Dec 2023 12:30

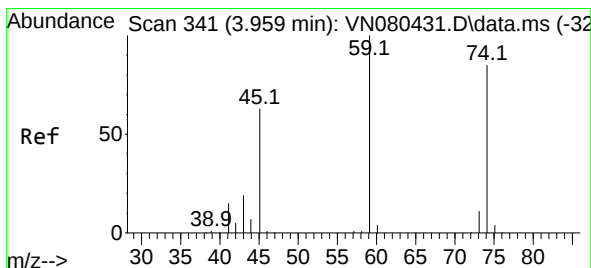
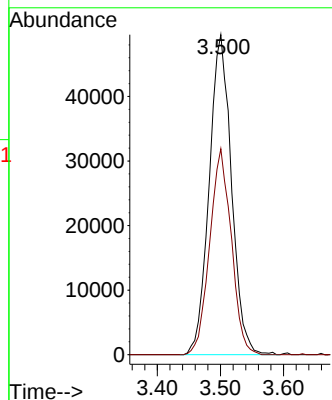
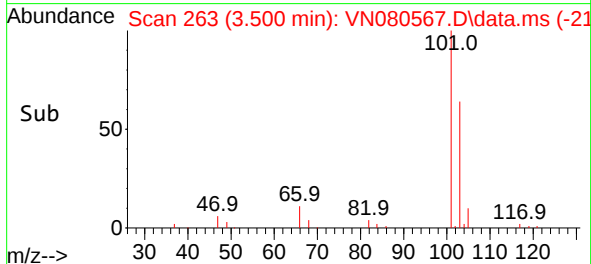
Instrument :
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Tgt Ion:101 Resp: 12134
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.7 76.1

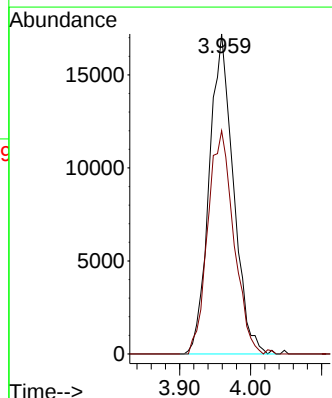
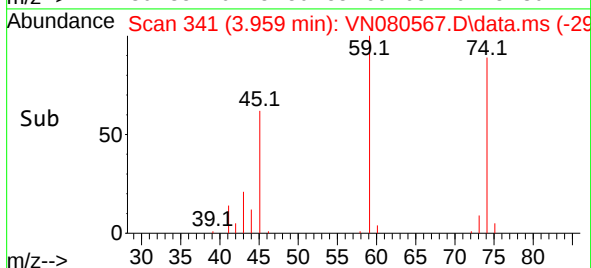
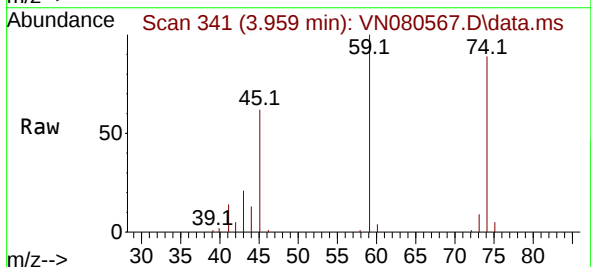
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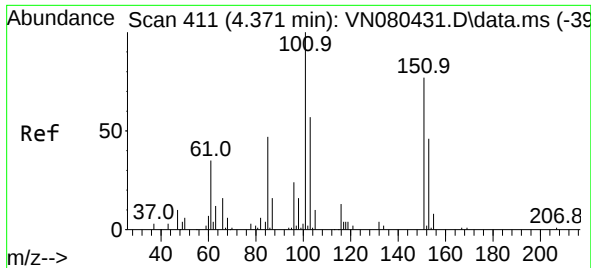
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#8
 Diethyl Ether
 Concen: 18.247 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080567.D
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Tgt Ion: 74 Resp: 40670
 Ion Ratio Lower Upper
 74 100
 45 74.7 34.4 103.3





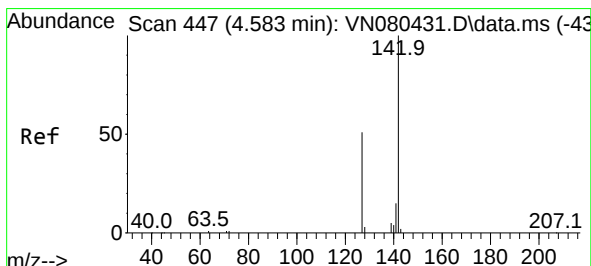
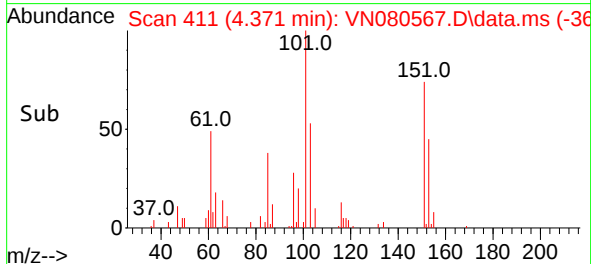
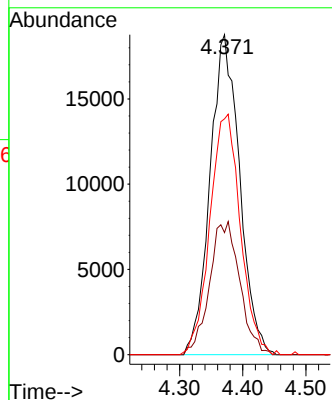
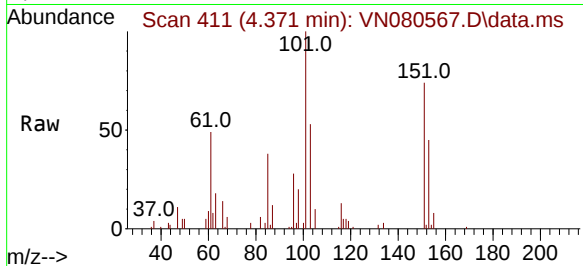
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.201 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion:101 Resp: 61040
Ion Ratio Lower Upper
101 100
85 42.6 36.6 55.0
151 77.5 57.6 86.4

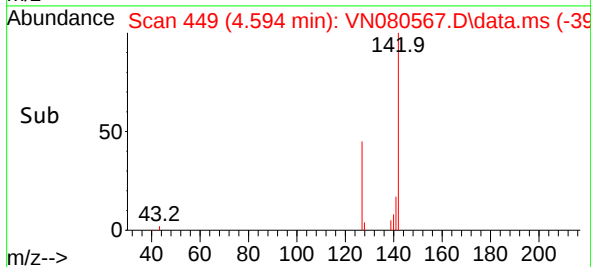
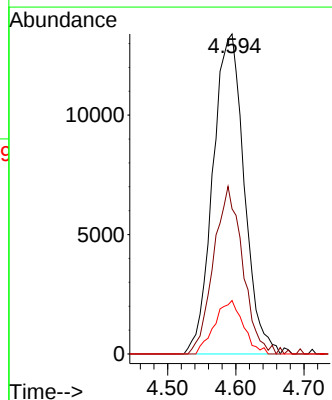
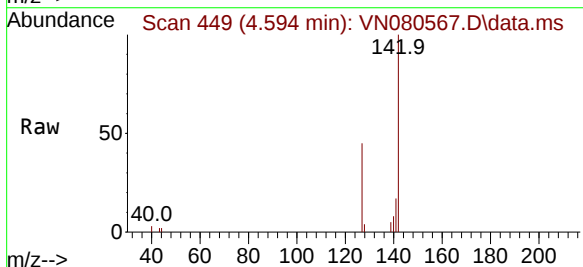
Manual Integrations
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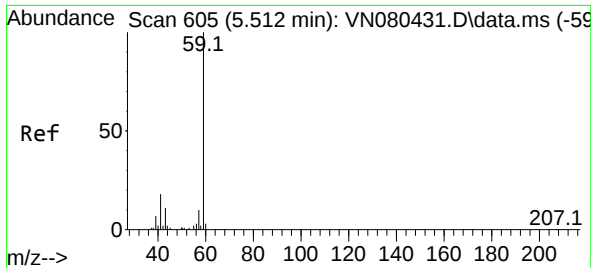
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#10
Methyl Iodide
Concen: 14.498 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

Tgt Ion:142 Resp: 42769
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 16.7 11.4 17.0





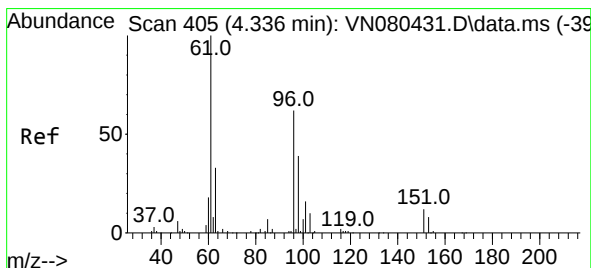
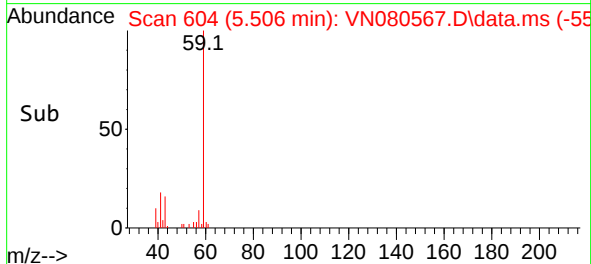
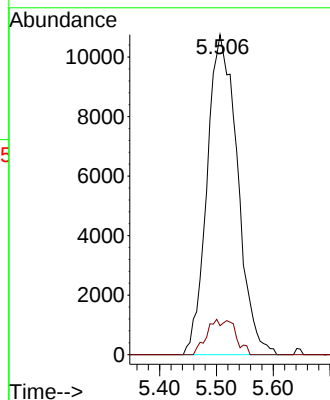
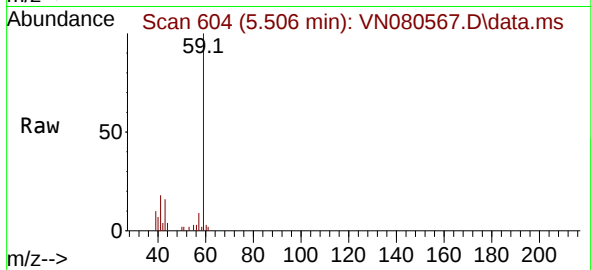
#11
Tert butyl alcohol
Concen: 82.941 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 59 Resp: 3988
Ion Ratio Lower Upper
59 100
57 5.2 8.2 12.4

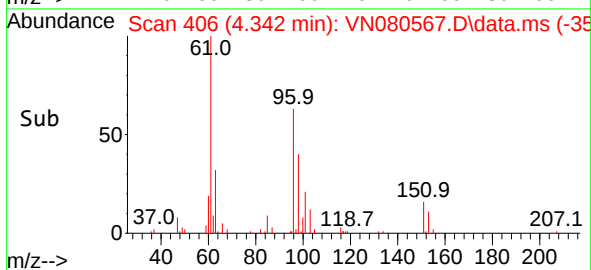
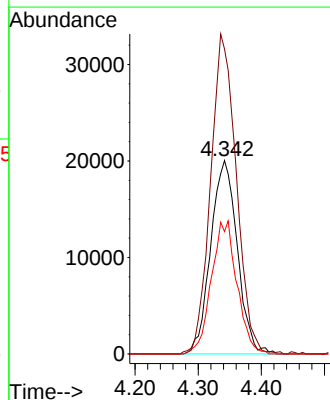
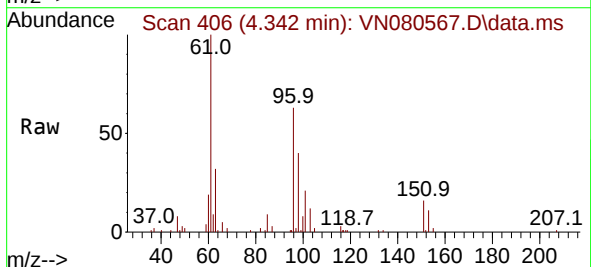
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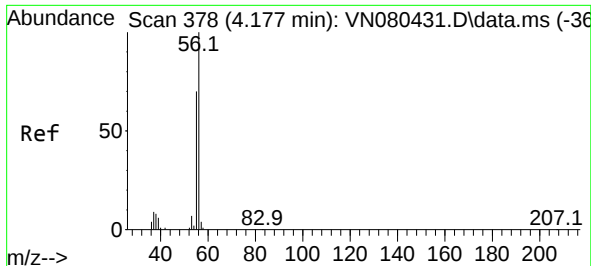
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#12
1,1-Dichloroethene
Concen: 17.071 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

Tgt Ion: 96 Resp: 58664
Ion Ratio Lower Upper
96 100
61 157.7 112.7 169.1
98 63.3 51.2 76.8





#13

Acrolein

Concen: 108.686 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080567.D

Acq: 21 Dec 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

Tgt Ion: 56 Resp: 5723

Ion Ratio Lower Upper

56 100

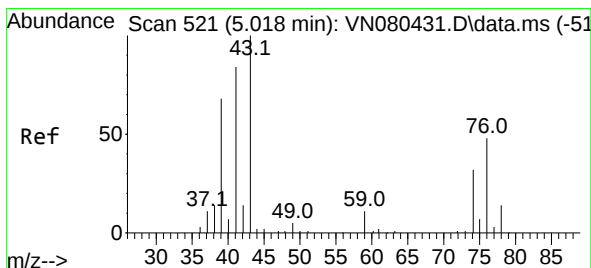
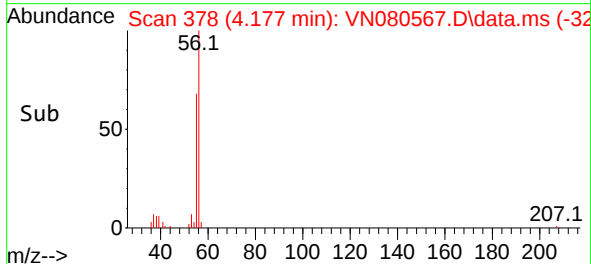
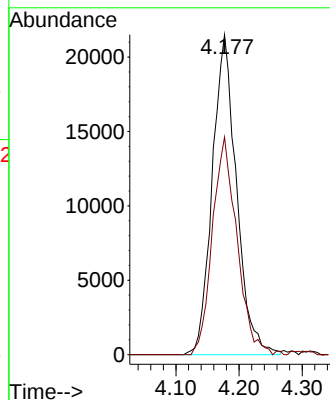
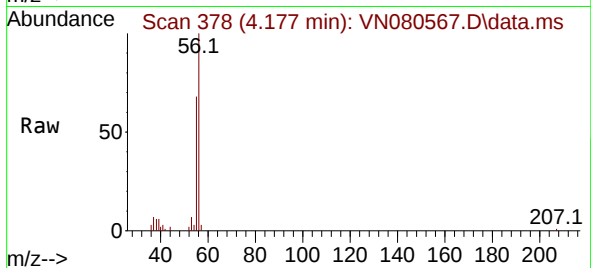
55 68.9 54.5 81.7

Manual Integrations

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Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#14

Allyl chloride

Concen: 17.543 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080567.D

Acq: 21 Dec 2023 12:30

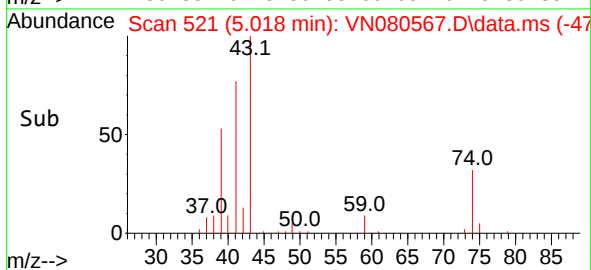
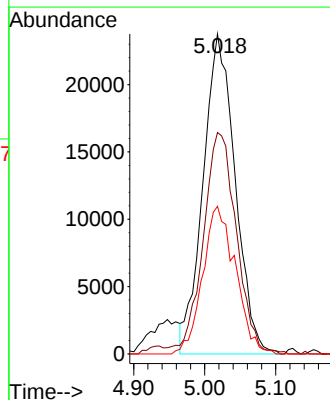
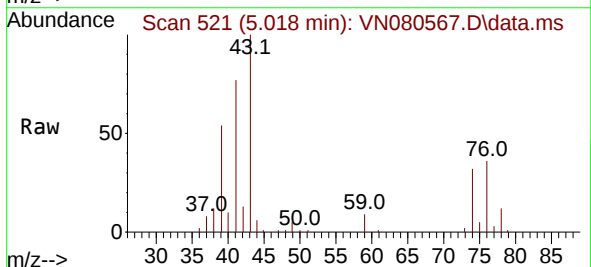
Tgt Ion: 41 Resp: 74592

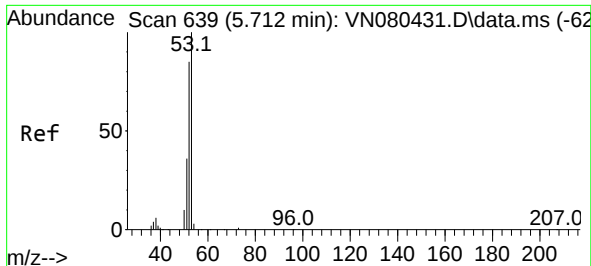
Ion Ratio Lower Upper

41 100

39 71.9 58.8 88.2

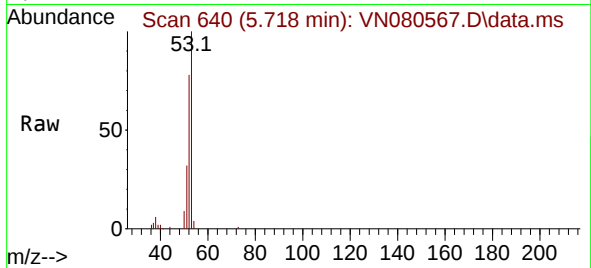
76 47.2 39.1 58.7





#15
Acrylonitrile
Concen: 97.222 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

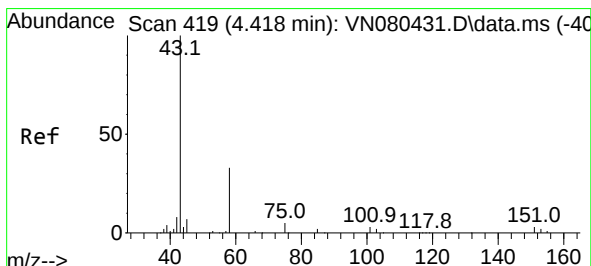
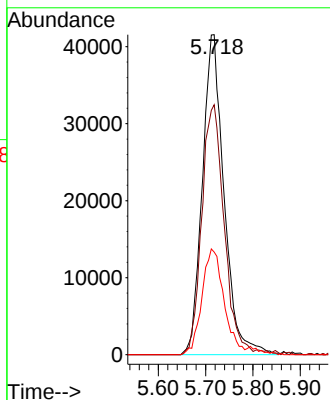
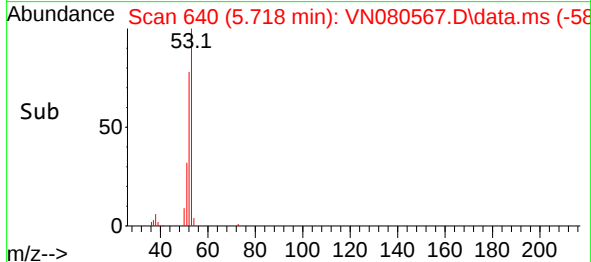
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



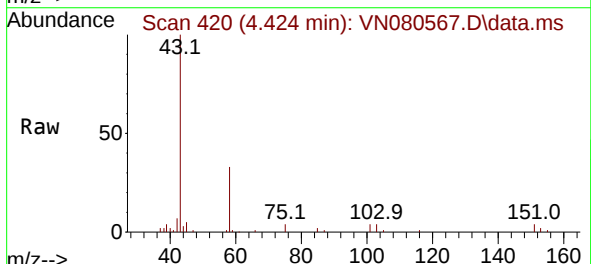
Tgt Ion: 53 Resp: 132090
Ion Ratio Lower Upper
53 100
52 80.3 65.3 97.9
51 33.6 28.9 43.3

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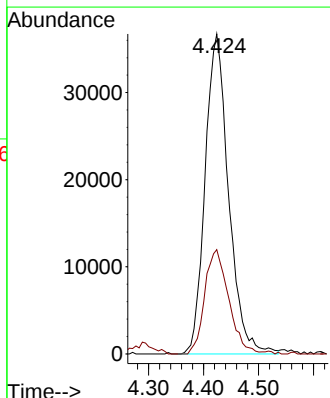
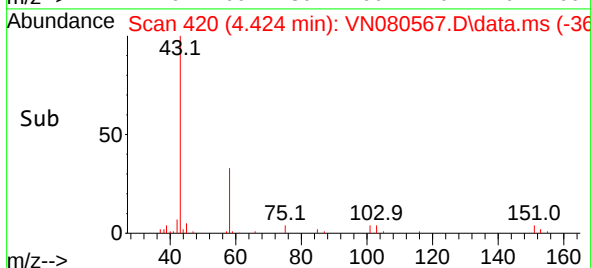
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

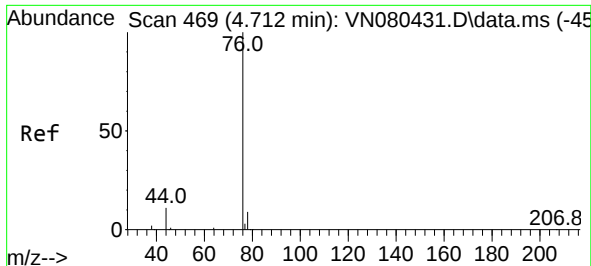


#16
Acetone
Concen: 150.553 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30



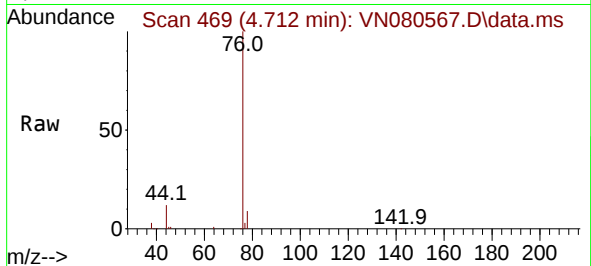
Tgt Ion: 43 Resp: 108994
Ion Ratio Lower Upper
43 100
58 32.6 28.0 42.0





#17
Carbon Disulfide
Concen: 14.979 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

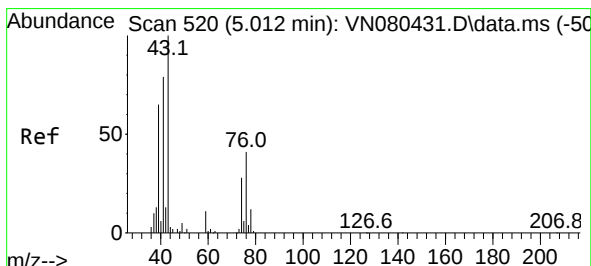
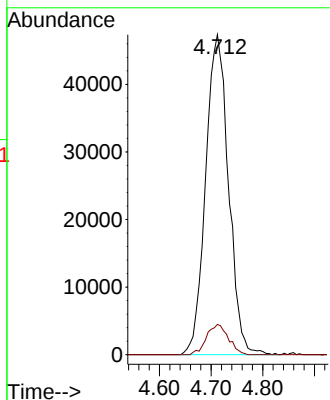
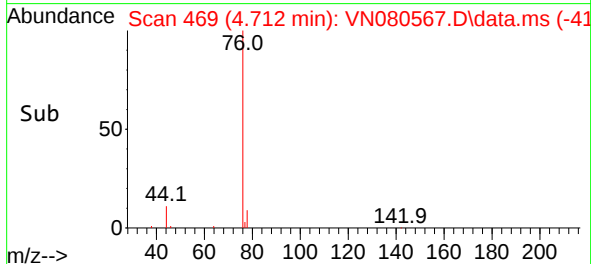
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



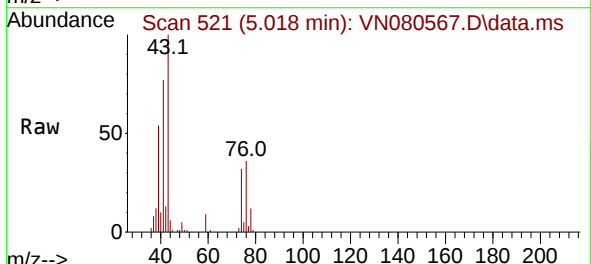
Tgt Ion: 76 Resp: 145880
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

Manual Integrations
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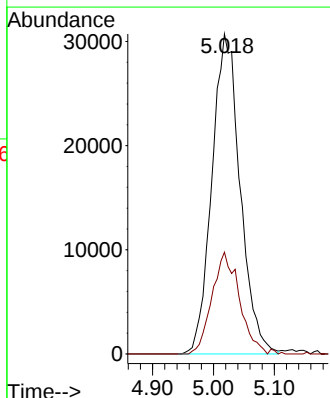
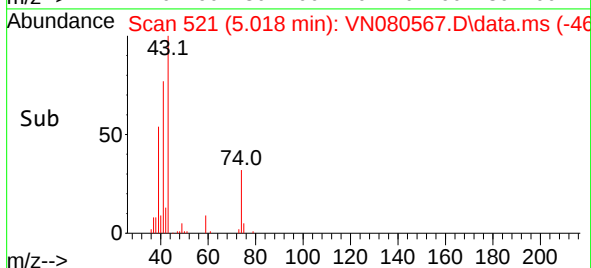
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

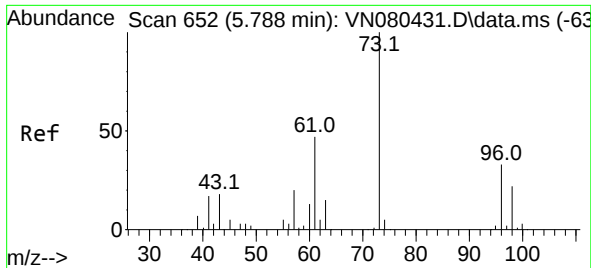


#18
Methyl Acetate
Concen: 21.235 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30



Tgt Ion: 43 Resp: 98918
Ion Ratio Lower Upper
43 100
74 30.8 26.2 39.4





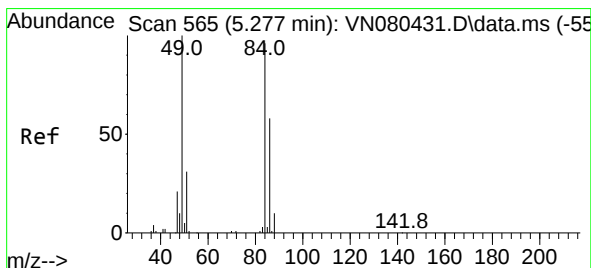
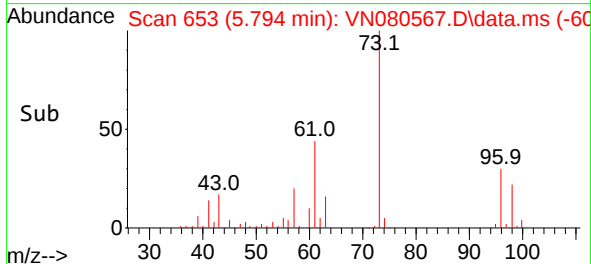
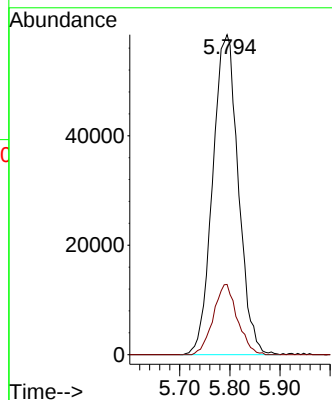
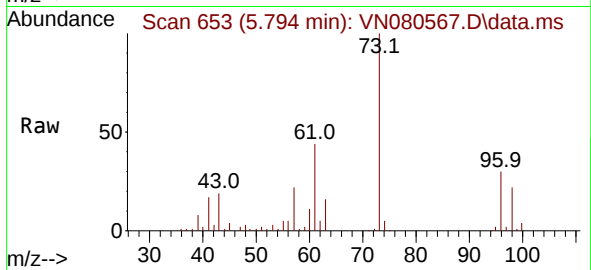
#19
Methyl tert-butyl Ether
Concen: 18.112 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 73 Resp: 207659
Ion Ratio Lower Upper
73 100
57 21.9 15.6 23.4

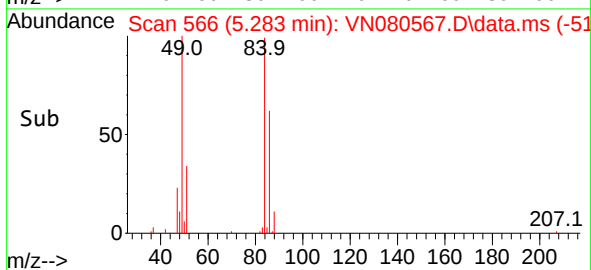
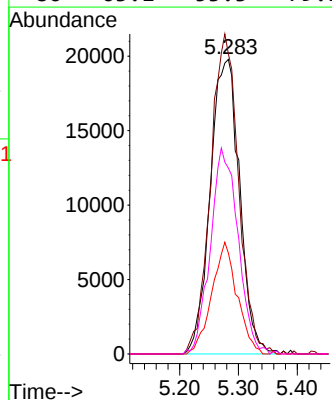
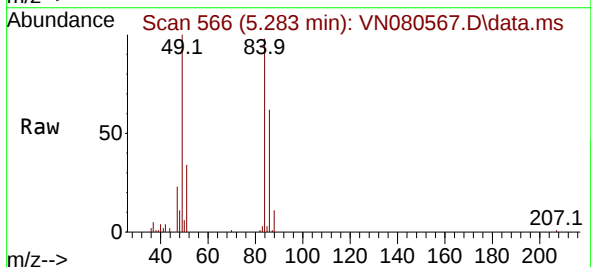
Manual Integrations
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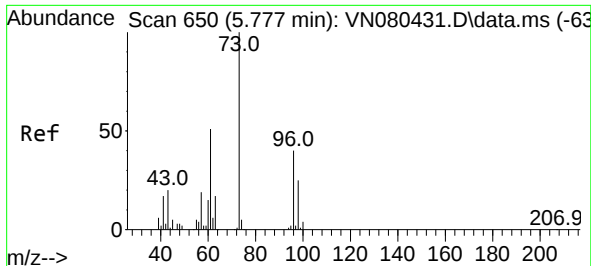
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#20
Methylene Chloride
Concen: 17.708 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

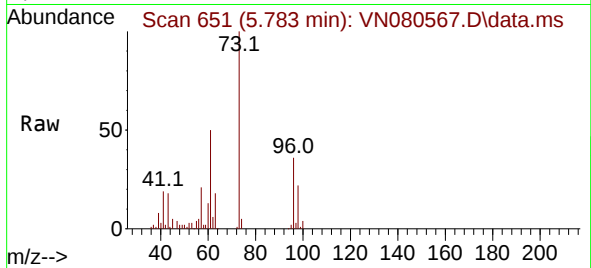
Tgt Ion: 84 Resp: 68608
Ion Ratio Lower Upper
84 100
49 101.9 79.7 119.5
51 34.3 25.2 37.8
86 63.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.337 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

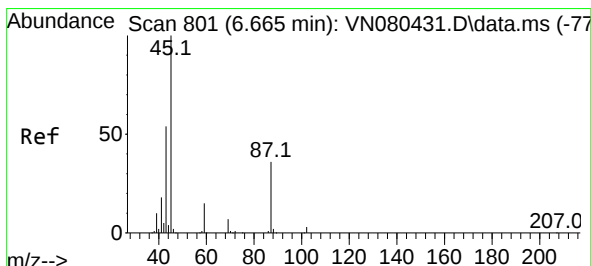
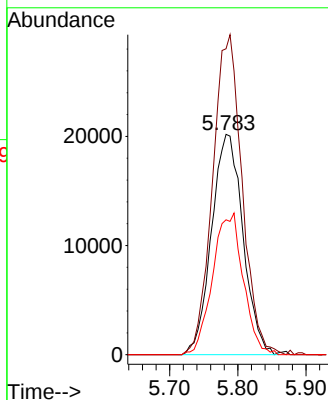
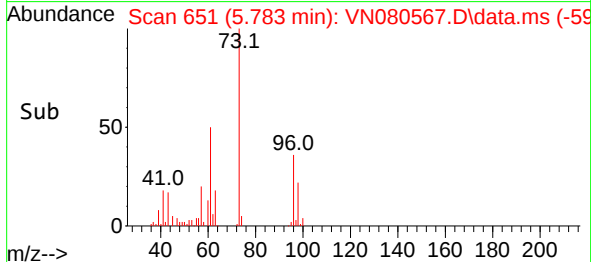
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion: 96 Resp: 64602
Ion Ratio Lower Upper
96 100
61 138.9 90.1 135.1
98 61.2 46.4 69.6

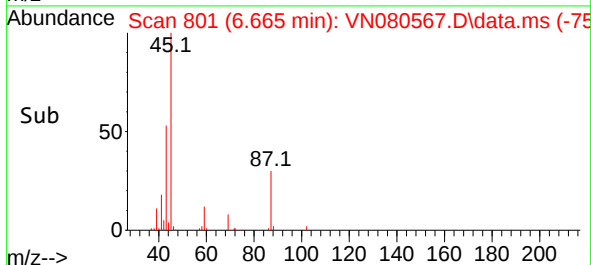
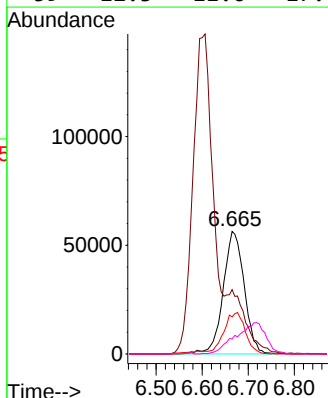
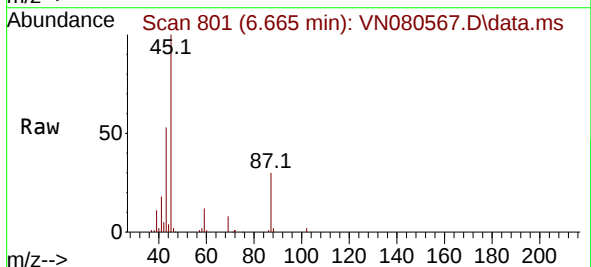
Manual Integrations
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Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#22
Diisopropyl ether
Concen: 19.487 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

Tgt Ion: 45 Resp: 178832
Ion Ratio Lower Upper
45 100
43 51.4 45.5 68.3
87 30.3 31.8 47.8#
59 12.3 11.6 17.4





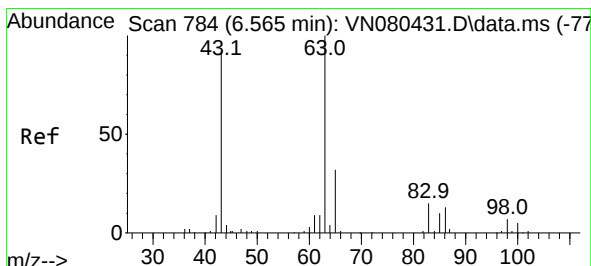
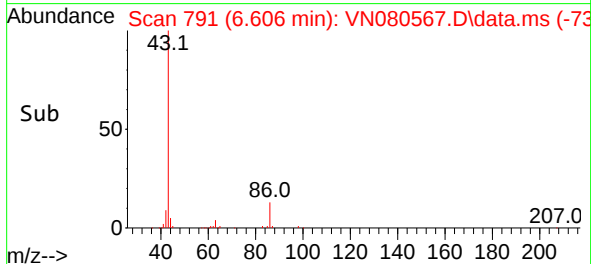
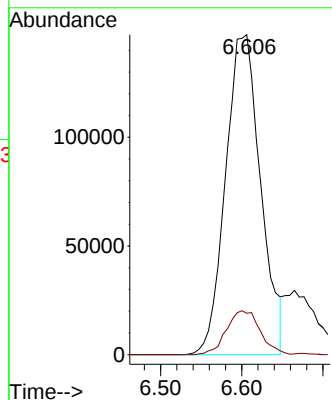
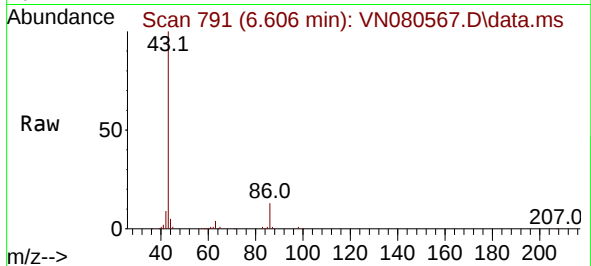
#23
 Vinyl Acetate
 Concen: 83.943 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080567.D
 Acq: 21 Dec 2023 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBS01

Tgt Ion: 43 Resp: 442429
 Ion Ratio Lower Upper
 43 100
 86 13.0 13.0 19.6

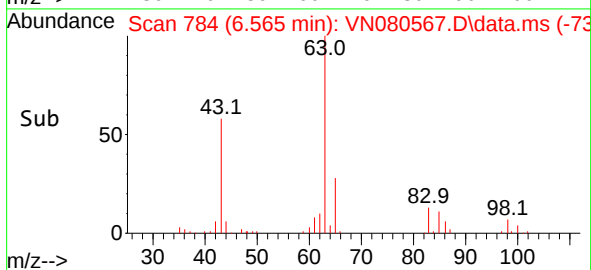
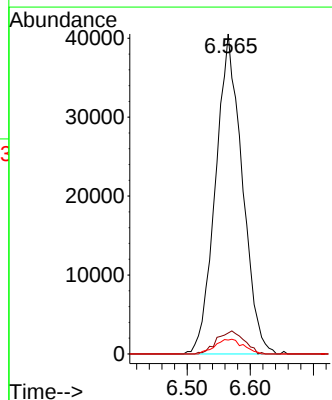
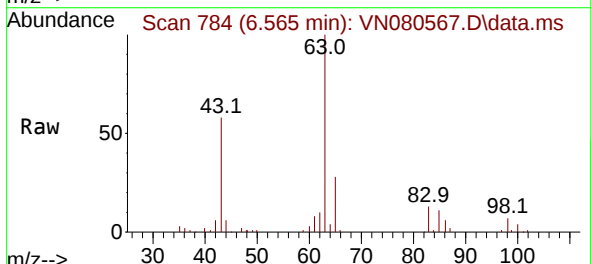
Manual Integrations
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Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#24
 1,1-Dichloroethane
 Concen: 18.565 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080567.D
 Acq: 21 Dec 2023 12:30

Tgt Ion: 63 Resp: 118864
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.4 2.5 7.4





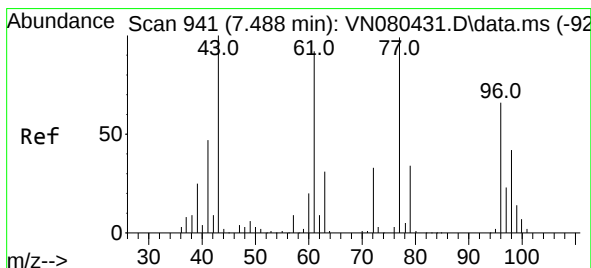
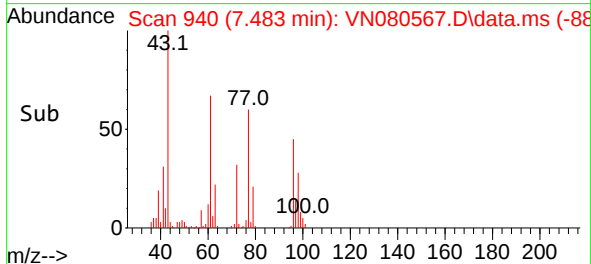
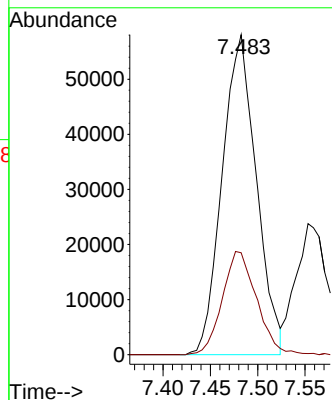
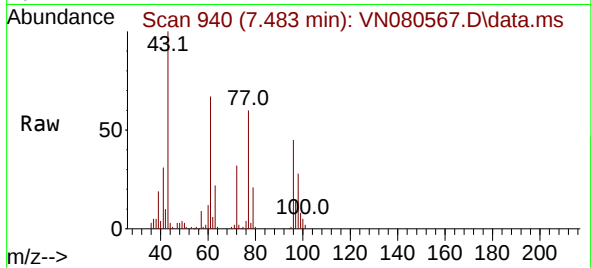
#25
2-Butanone
Concen: 104.508 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 43 Resp: 14575
Ion Ratio Lower Upper
43 100
72 31.8 30.2 45.2

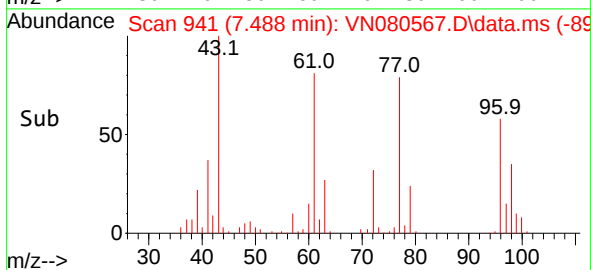
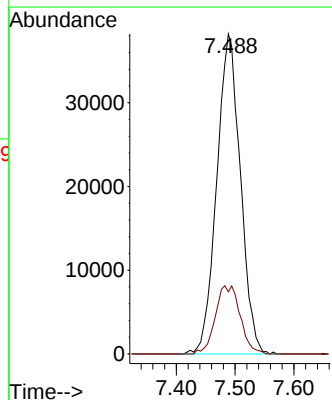
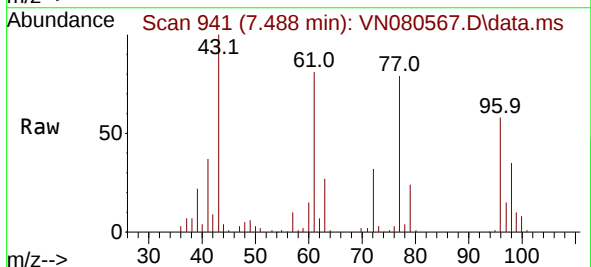
Manual Integrations
APPROVED

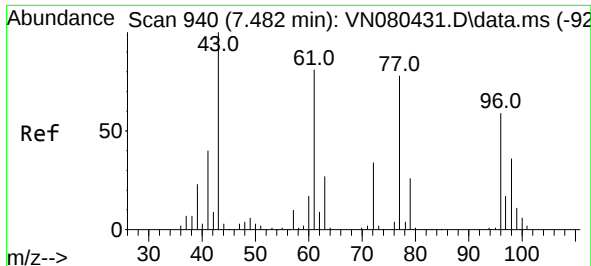
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#26
2,2-Dichloropropane
Concen: 16.304 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

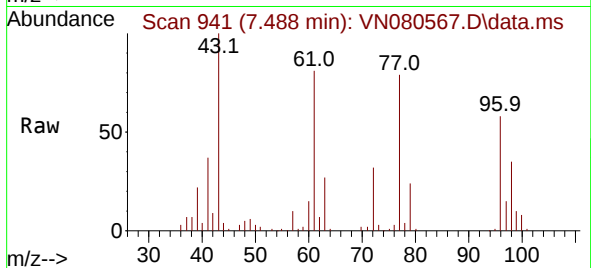
Tgt Ion: 77 Resp: 106742
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.016 ug/l
 RT: 7.488 min Scan# 940
 Delta R.T. 0.006 min
 Lab File: VN080567.D
 Acq: 21 Dec 2023 12:30

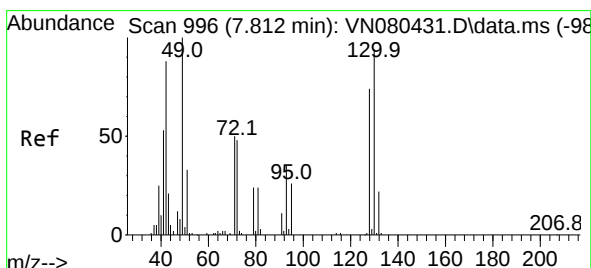
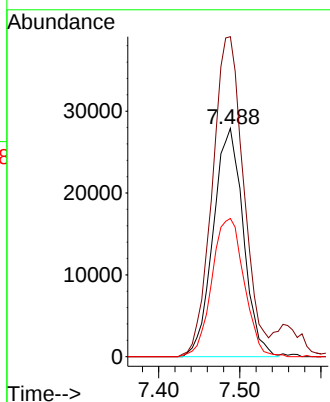
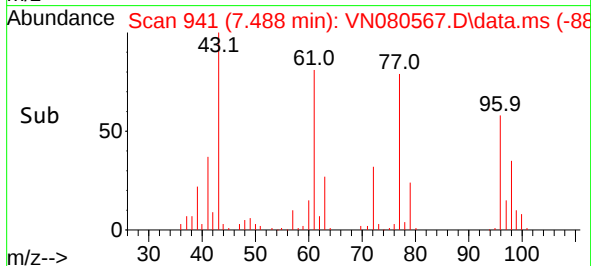
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBS01



Tgt Ion: 96 Resp: 71770
 Ion Ratio Lower Upper
 96 100
 61 146.2 0.0 255.2
 98 64.8 0.0 128.8

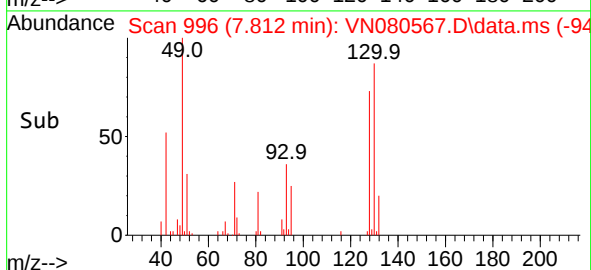
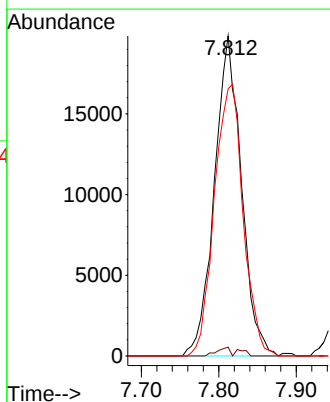
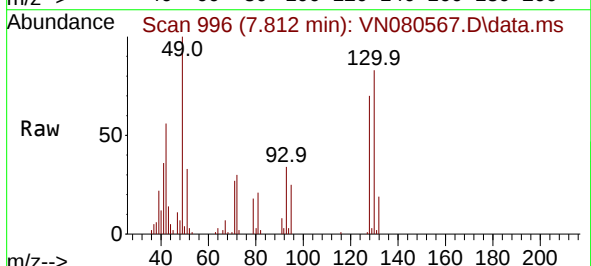
Manual Integrations
 APPROVED

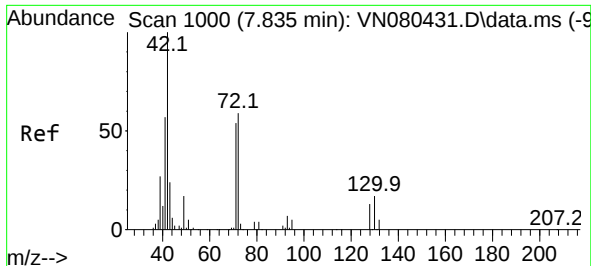
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#28
 Bromochloromethane
 Concen: 19.492 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080567.D
 Acq: 21 Dec 2023 12:30

Tgt Ion: 49 Resp: 47917
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 0.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 89.907 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080567.D

Acq: 21 Dec 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

Tgt Ion: 42 Resp: 8978

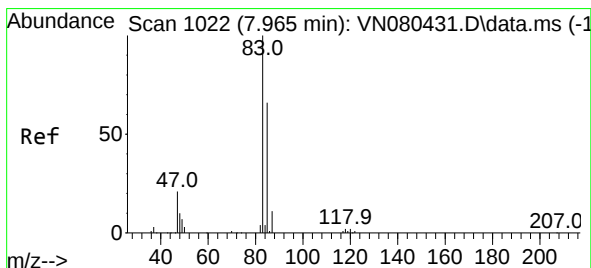
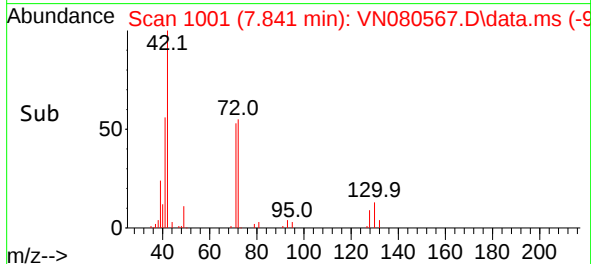
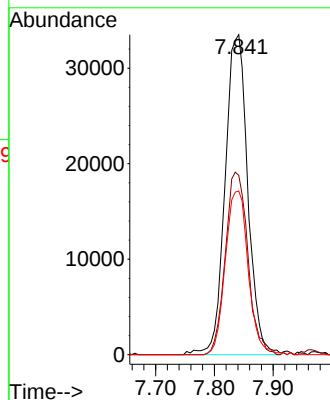
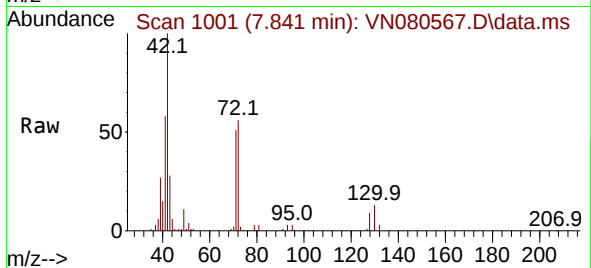
Ion	Ratio	Lower	Upper
42	100		
72	56.5	49.8	74.6
71	51.8	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#30

Chloroform

Concen: 17.592 ug/l

RT: 7.965 min Scan# 1022

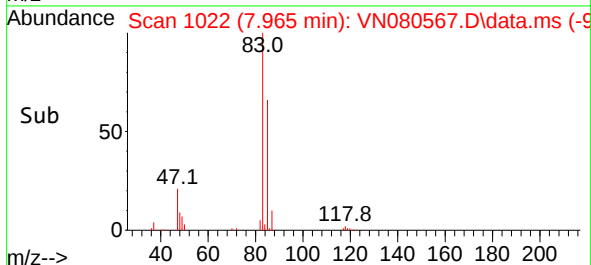
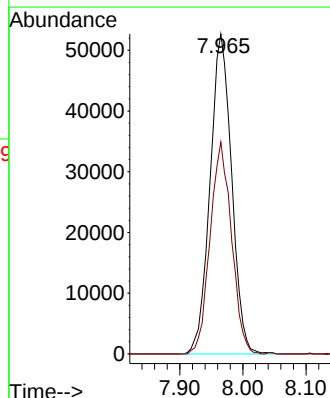
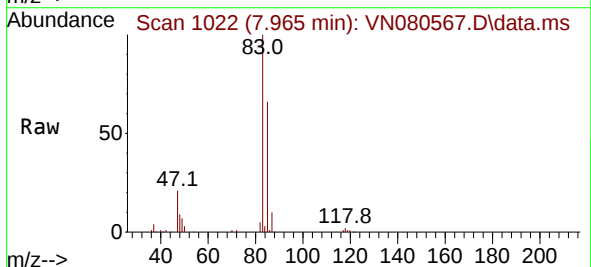
Delta R.T. 0.000 min

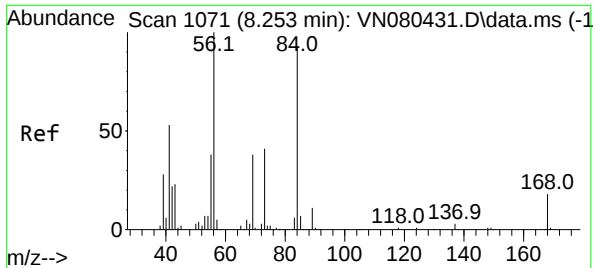
Lab File: VN080567.D

Acq: 21 Dec 2023 12:30

Tgt Ion: 83 Resp: 125029

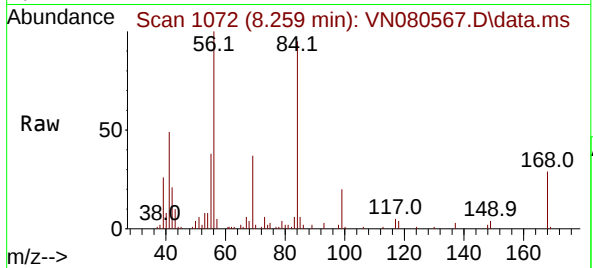
Ion	Ratio	Lower	Upper
83	100		
85	66.2	55.4	83.0





#31
Cyclohexane
Concen: 16.110 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

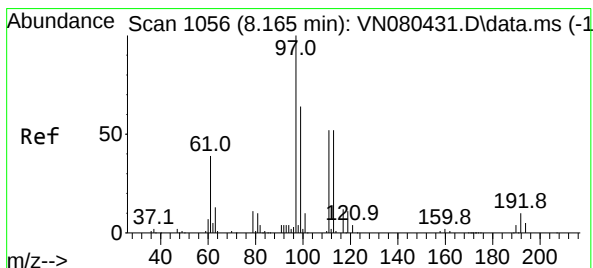
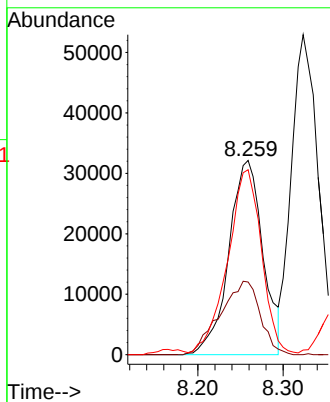
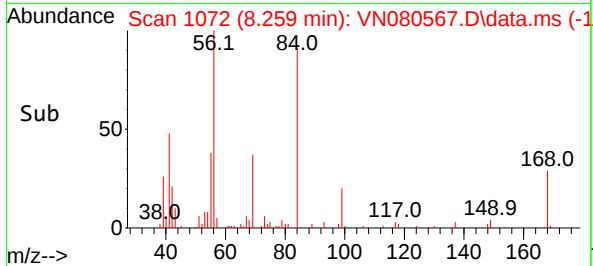
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



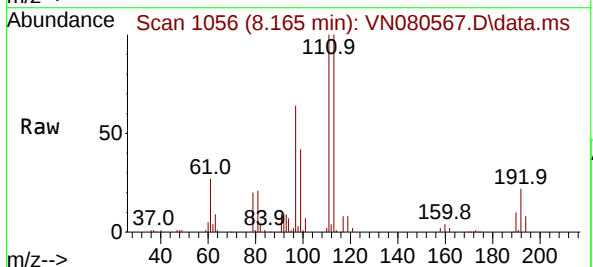
Tgt Ion: 56 Resp: 89449
Ion Ratio Lower Upper
56 100
69 37.4 26.8 40.2
84 92.7 81.8 122.6

Manual Integrations
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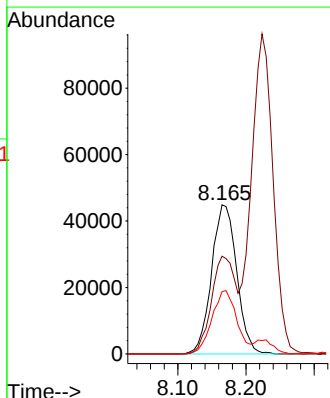
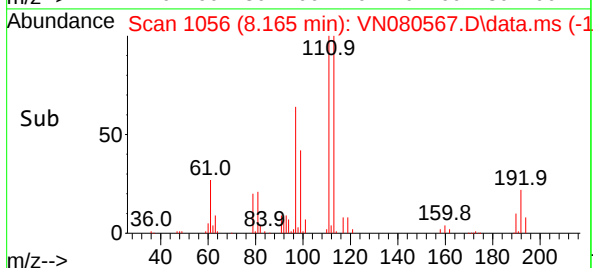
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

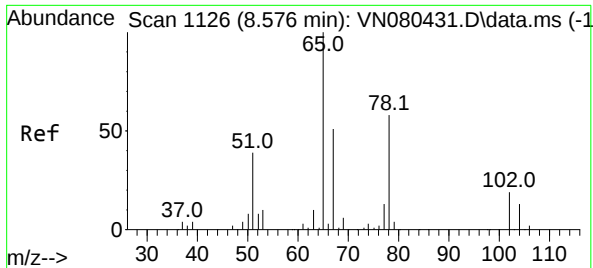


#32
1,1,1-Trichloroethane
Concen: 16.555 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30



Tgt Ion: 97 Resp: 115196
Ion Ratio Lower Upper
97 100
99 62.3 50.3 75.5
61 41.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.033 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080567.D

Acq: 21 Dec 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

Tgt Ion: 65 Resp: 21245

Ion Ratio Lower Upper

65 100

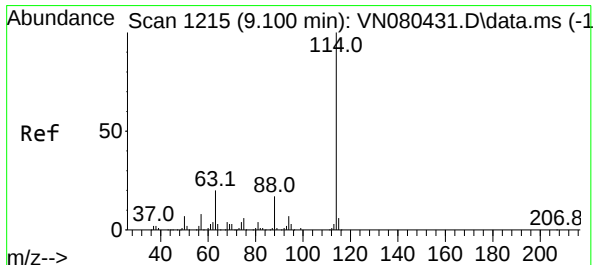
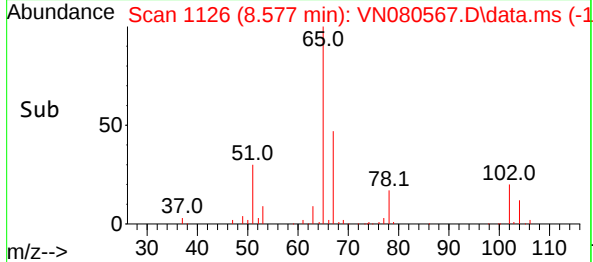
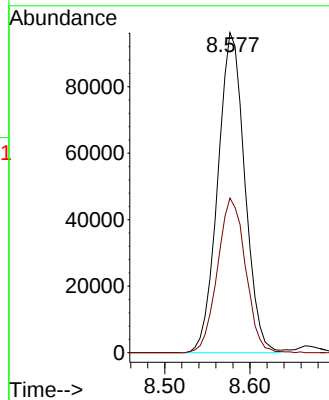
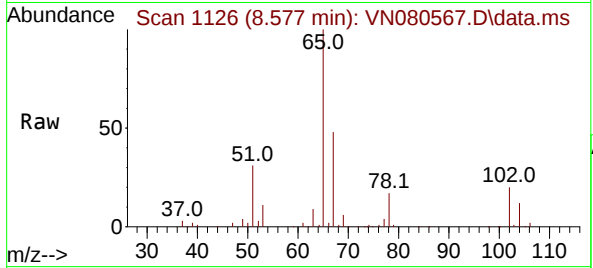
67 50.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080567.D

Acq: 21 Dec 2023 12:30

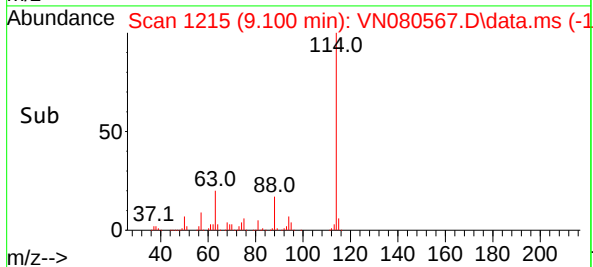
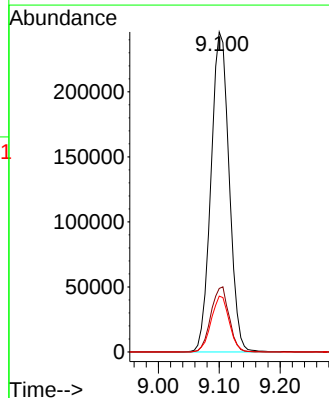
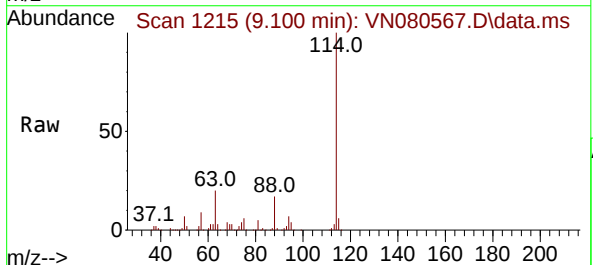
Tgt Ion:114 Resp: 509073

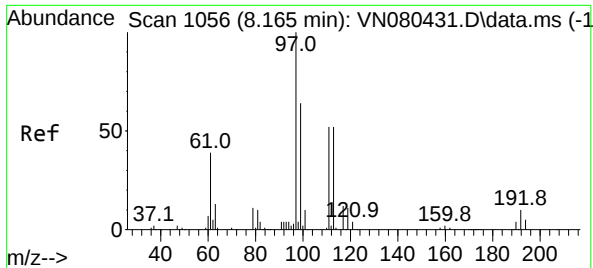
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

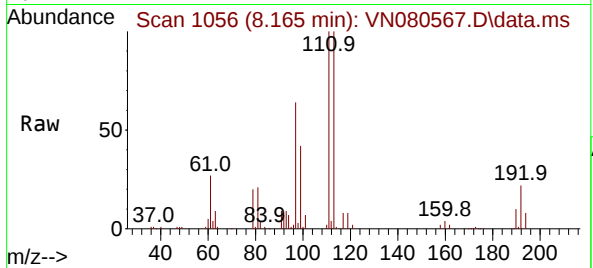
88 17.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.135 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

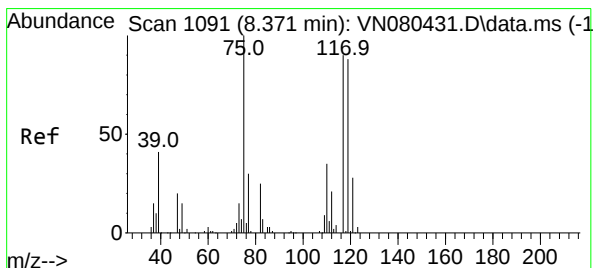
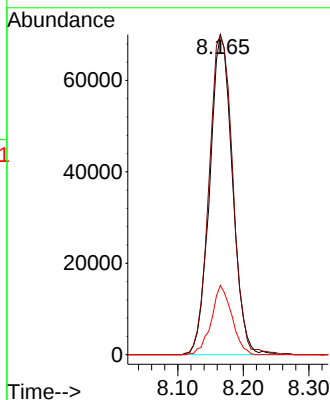
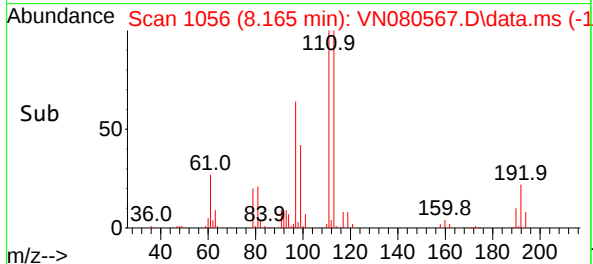
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion:113 Resp: 168270
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 19.5 12.7 19.1

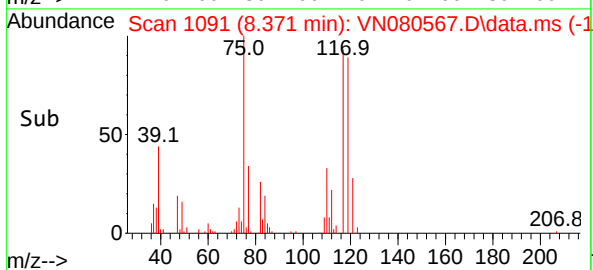
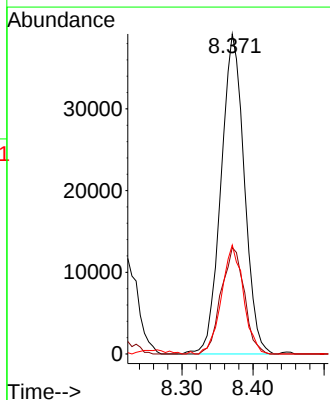
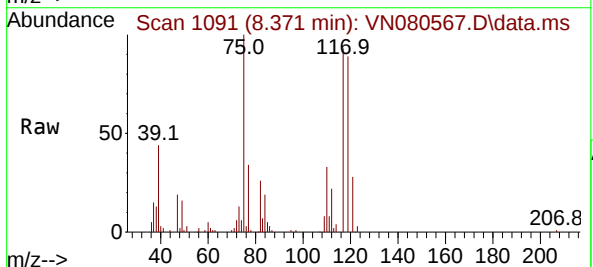
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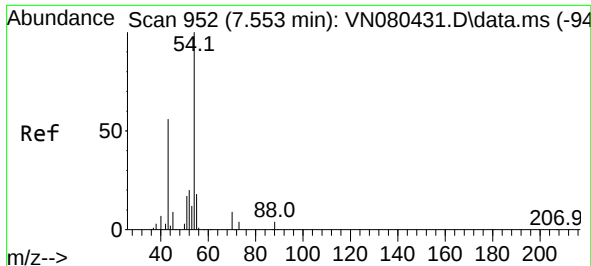
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#36
1,1-Dichloropropene
Concen: 16.853 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

Tgt Ion: 75 Resp: 88943
Ion Ratio Lower Upper
75 100
110 33.0 19.1 57.3
77 32.0 25.0 37.4





#37

Ethyl Acetate

Concen: 18.181 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080567.D

Acq: 21 Dec 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

Tgt Ion: 43 Resp: 6008

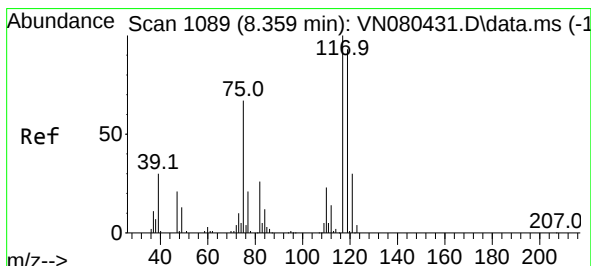
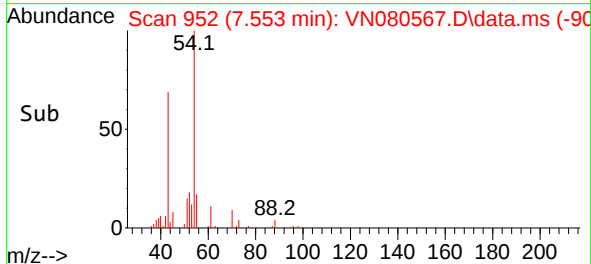
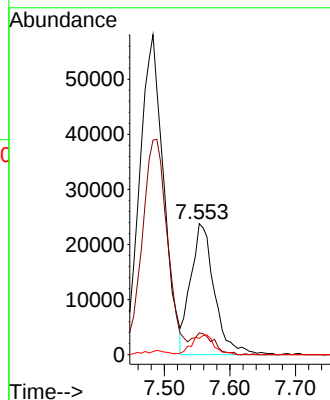
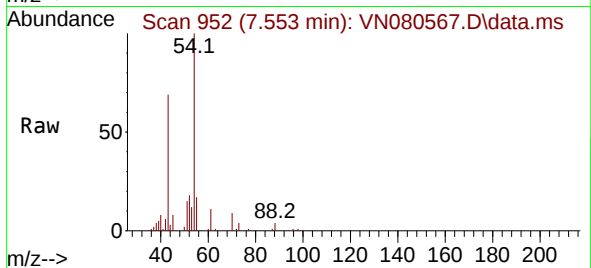
Ion	Ratio	Lower	Upper
43	100		
61	14.9	13.2	19.8
70	13.9	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#38

Carbon Tetrachloride

Concen: 16.595 ug/l

RT: 8.359 min Scan# 1089

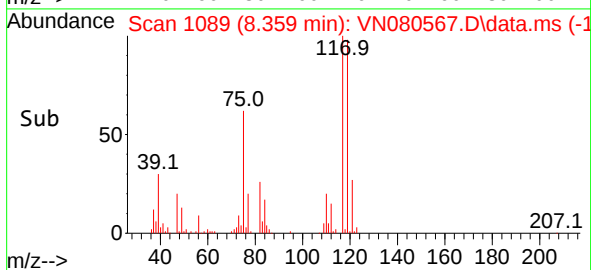
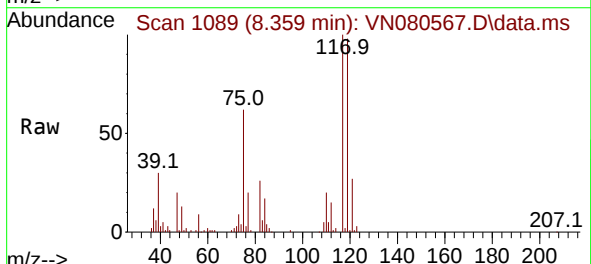
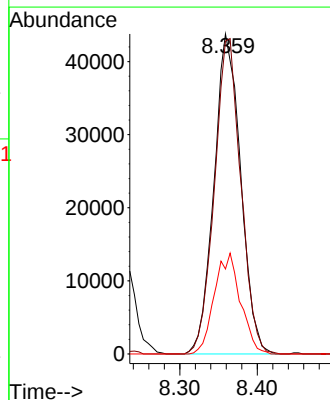
Delta R.T. 0.000 min

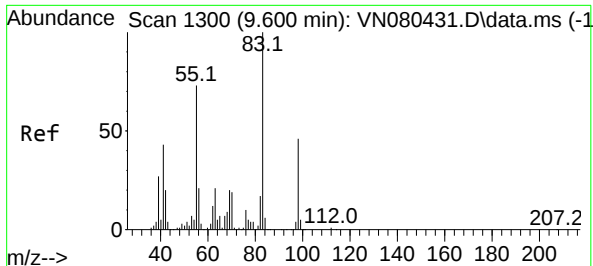
Lab File: VN080567.D

Acq: 21 Dec 2023 12:30

Tgt Ion:117 Resp: 104652

Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.3	115.9
121	26.5	23.3	34.9





#39

Methylcyclohexane

Concen: 15.021 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080567.D

Acq: 21 Dec 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

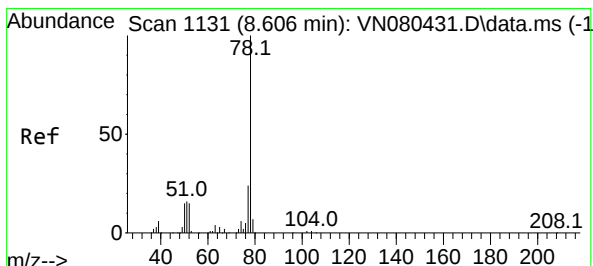
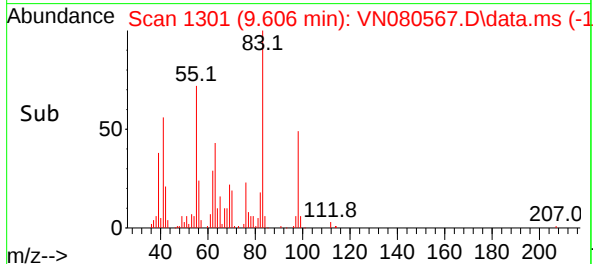
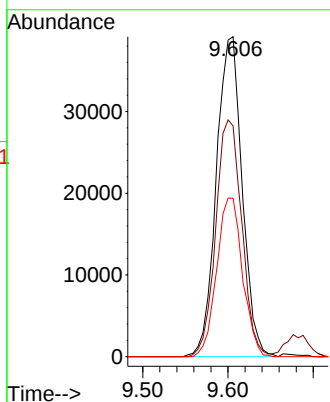
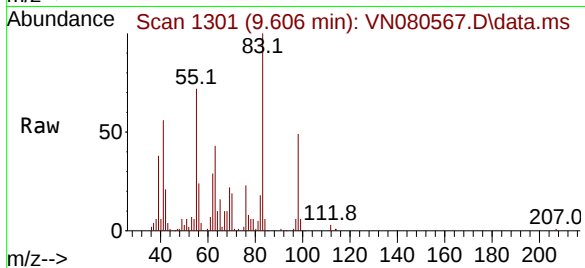
Tgt Ion: 83	Resp: 82350
Ion Ratio	Lower Upper
83	100
55	72.1 49.1 73.7
98	49.5 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#40

Benzene

Concen: 17.230 ug/l

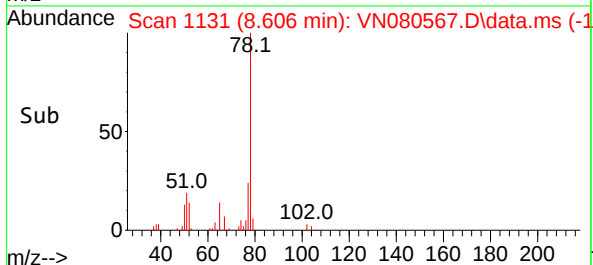
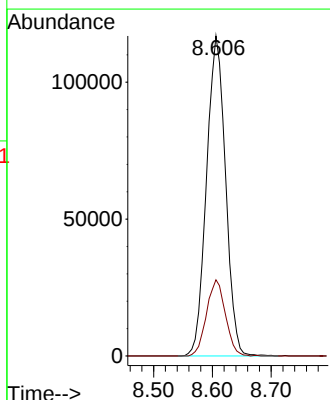
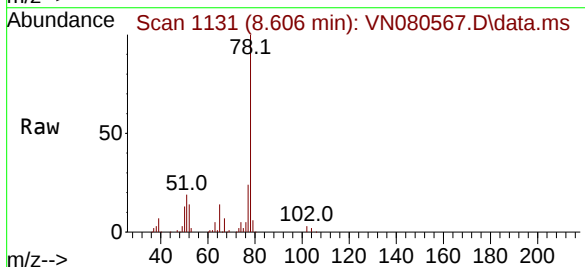
RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080567.D

Acq: 21 Dec 2023 12:30

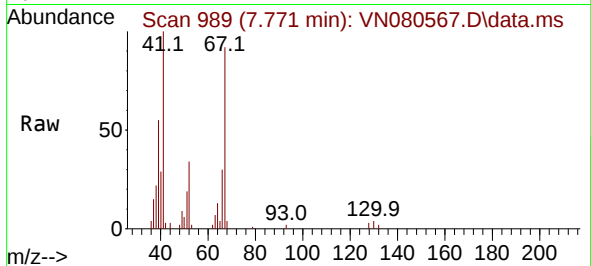
Tgt Ion: 78	Resp: 262579
Ion Ratio	Lower Upper
78	100
77	23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 16.991 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

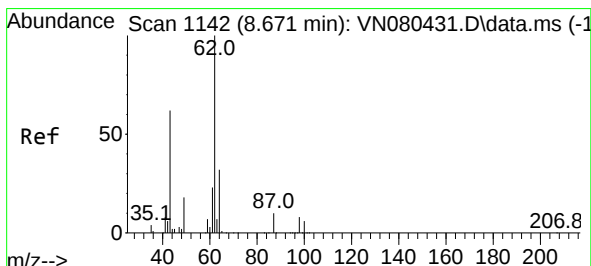
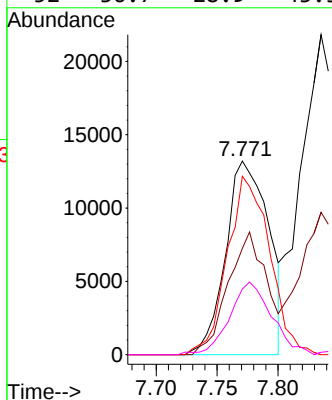
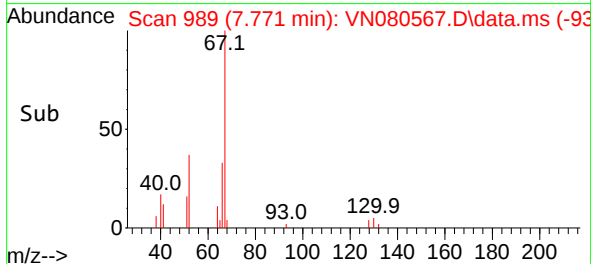
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



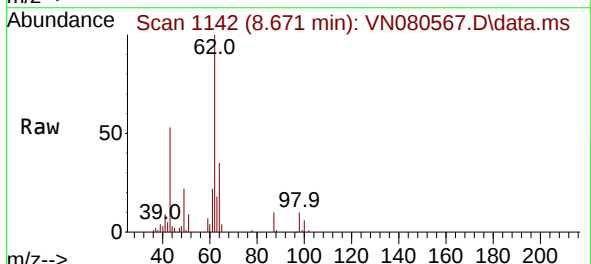
Tgt Ion: 41 Resp: 3237
Ion Ratio Lower Upper
41 100
39 56.8 42.6 64.0
67 91.0 77.5 116.3
52 36.7 28.9 43.3

Manual Integrations
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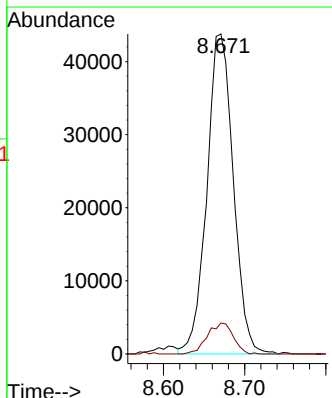
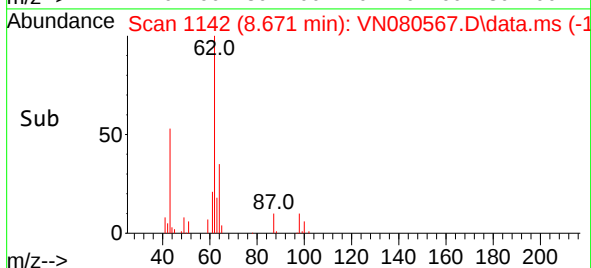
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

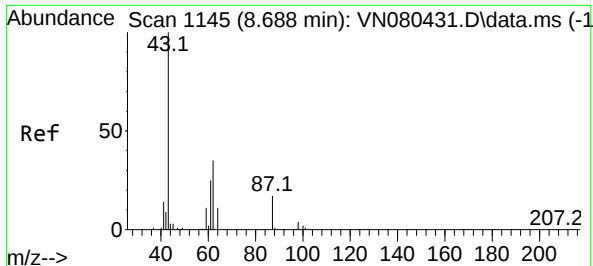


#42
1,2-Dichloroethane
Concen: 17.569 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30



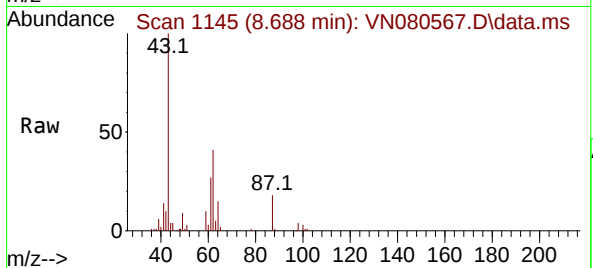
Tgt Ion: 62 Resp: 99148
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 17.212 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

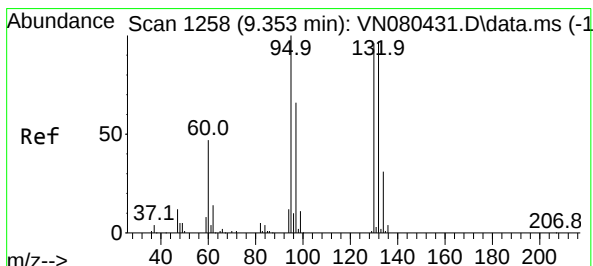
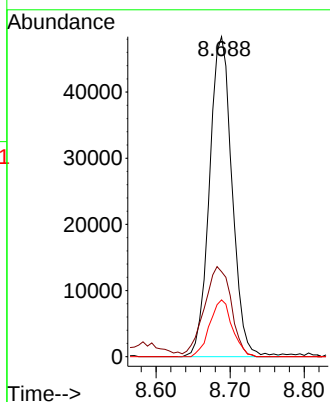
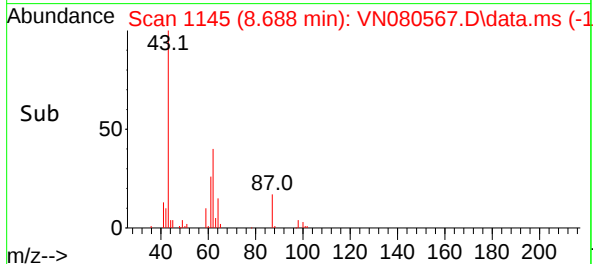
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion: 43 Resp: 102275
Ion Ratio Lower Upper
43 100
61 33.6 24.7 37.1
87 17.8 14.6 21.8

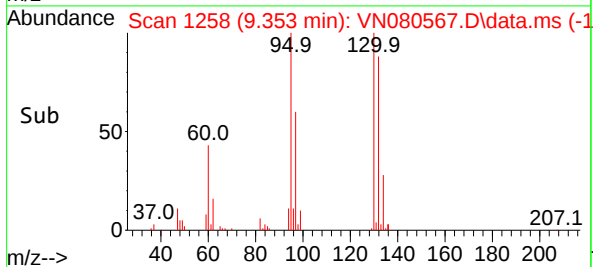
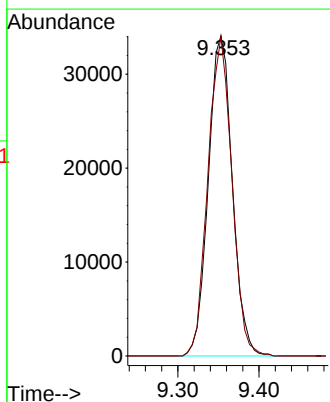
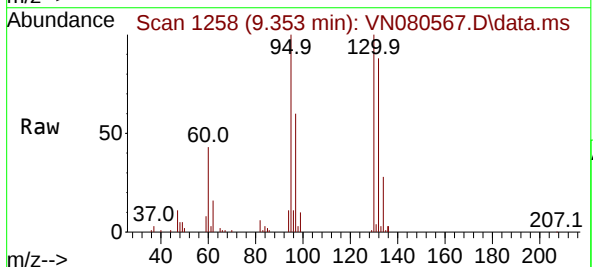
Manual Integrations
APPROVED

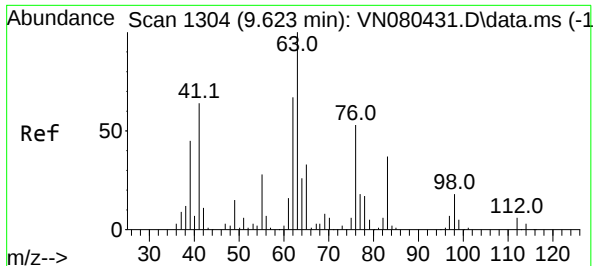
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#44
Trichloroethene
Concen: 17.070 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

Tgt Ion:130 Resp: 70130
Ion Ratio Lower Upper
130 100
95 99.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.221 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080567.D

Acq: 21 Dec 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

Tgt Ion: 63 Resp: 65219

Ion Ratio Lower Upper

63 100

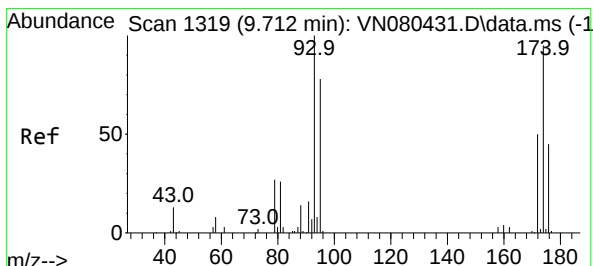
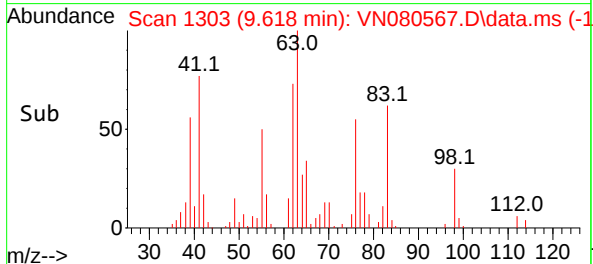
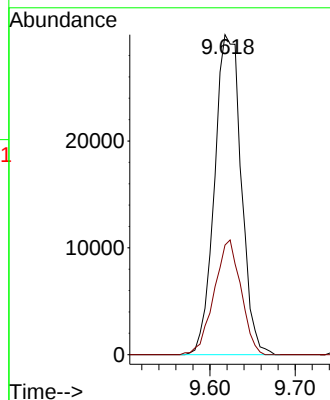
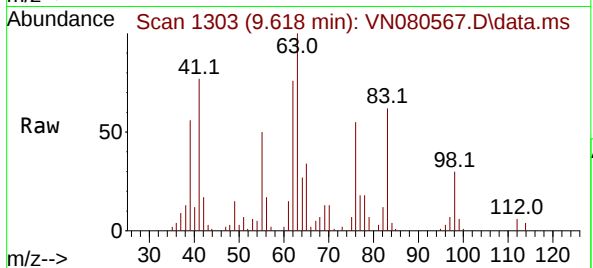
65 34.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#46

Dibromomethane

Concen: 18.246 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080567.D

Acq: 21 Dec 2023 12:30

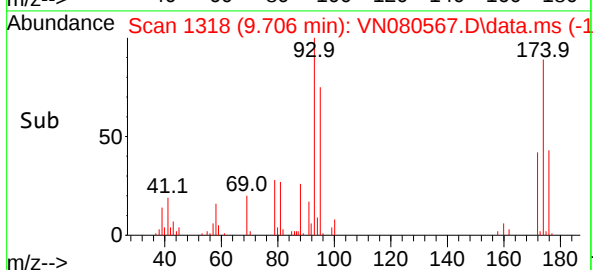
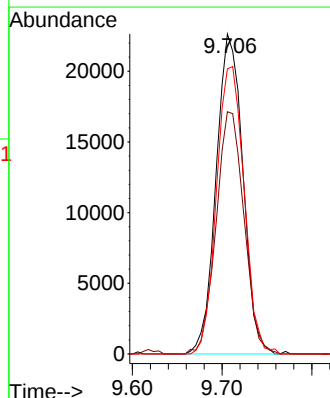
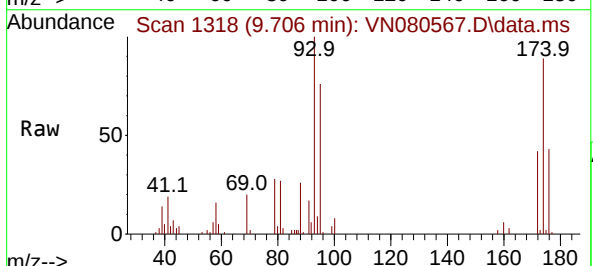
Tgt Ion: 93 Resp: 46900

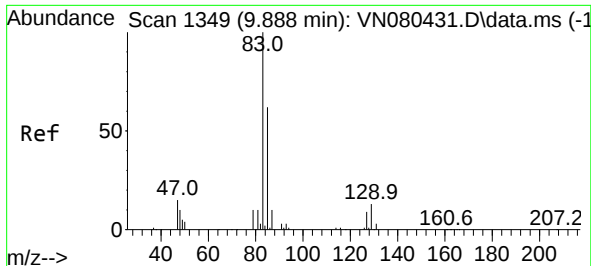
Ion Ratio Lower Upper

93 100

95 78.6 63.8 95.8

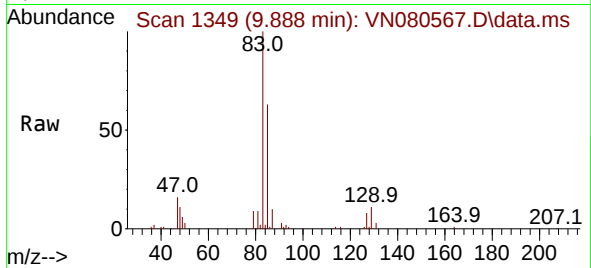
174 92.6 65.6 98.4





#47
Bromodichloromethane
Concen: 18.457 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

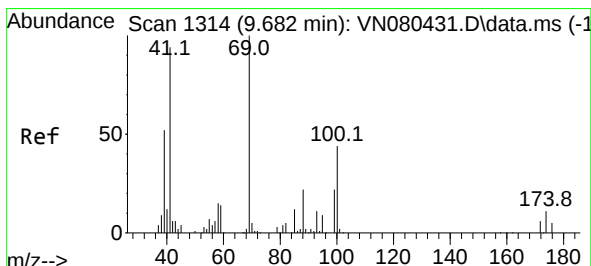
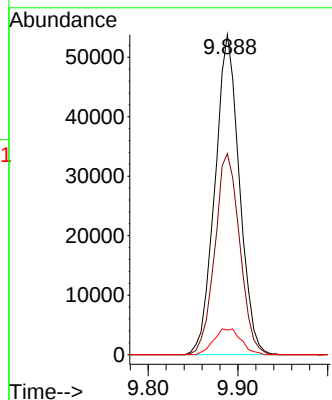
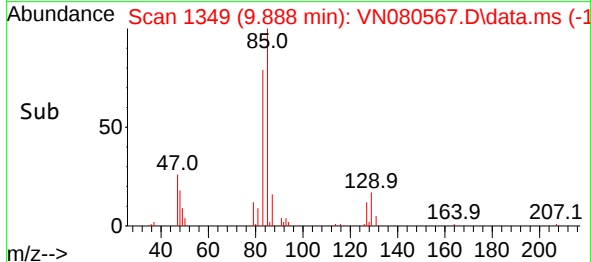
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



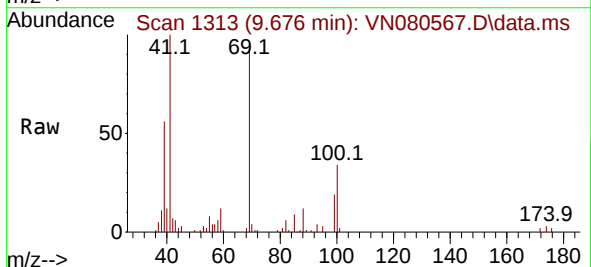
Tgt Ion: 83 Resp: 10168
Ion Ratio Lower Upper
83 100
85 62.8 49.6 74.4
127 7.7 7.0 10.6

Manual Integrations
APPROVED

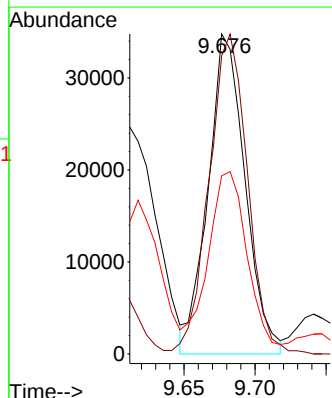
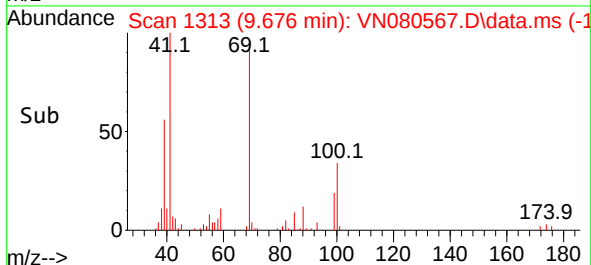
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

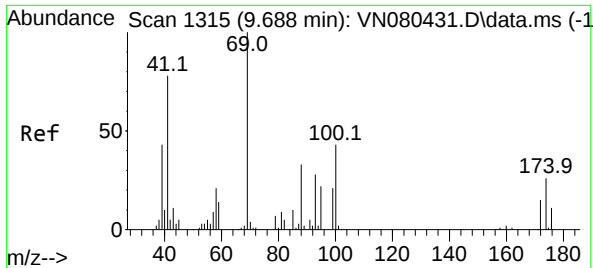


#48
Methyl methacrylate
Concen: 17.749 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30



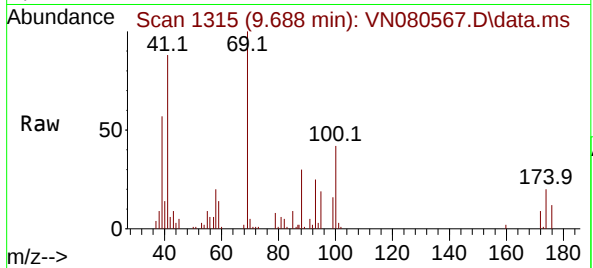
Tgt Ion: 41 Resp: 62939
Ion Ratio Lower Upper
41 100
69 103.7 90.4 135.6
39 61.3 54.6 81.8





#49
1,4-Dioxane
Concen: 353.168 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

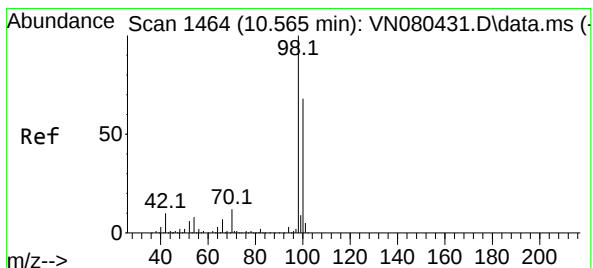
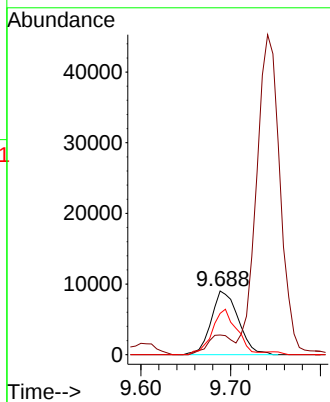
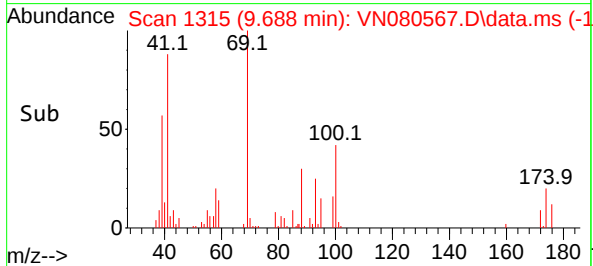
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion: 88 Resp: 18982
Ion Ratio Lower Upper
88 100
43 29.1 17.0 25.6
58 64.4 47.0 70.4

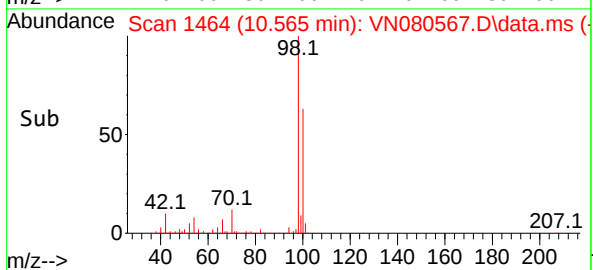
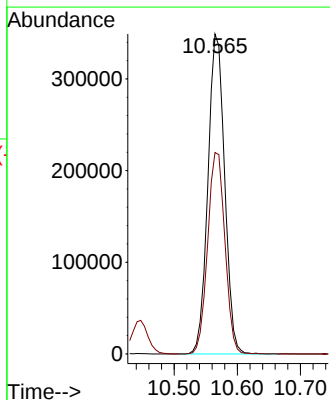
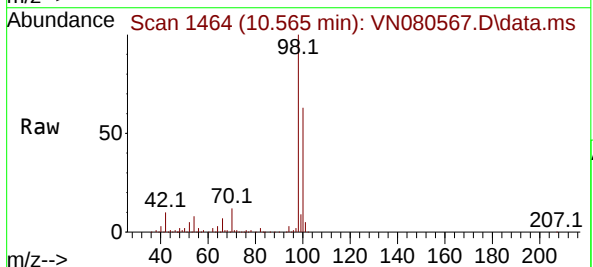
Manual Integrations
APPROVED

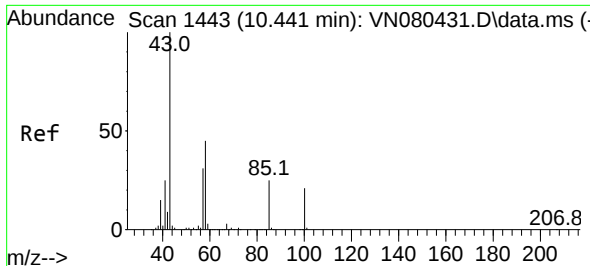
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#50
Toluene-d8
Concen: 53.231 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

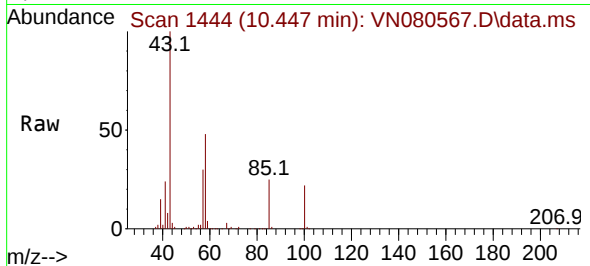
Tgt Ion: 98 Resp: 640782
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 95.441 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

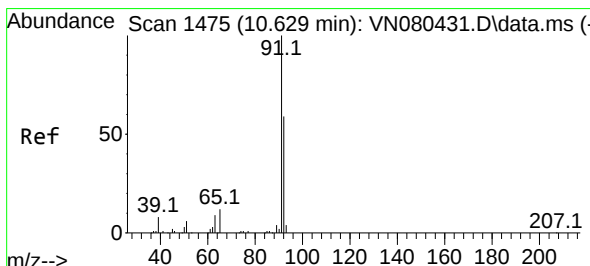
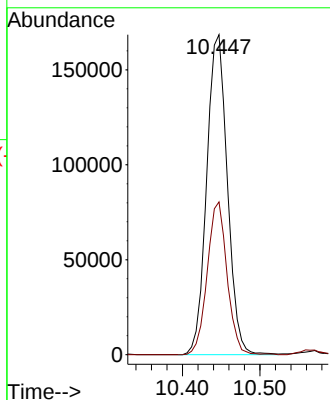
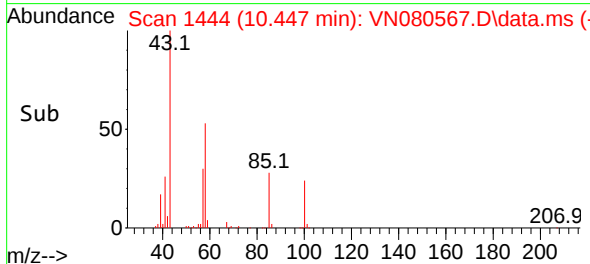
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion: 43 Resp: 312338
Ion Ratio Lower Upper
43 100
58 45.8 36.6 54.8

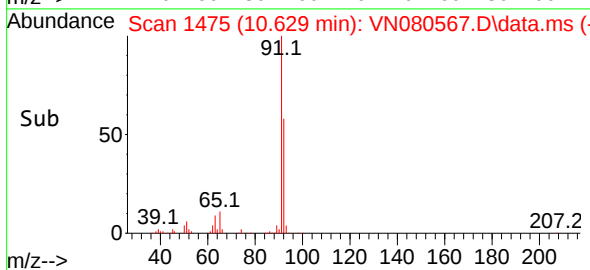
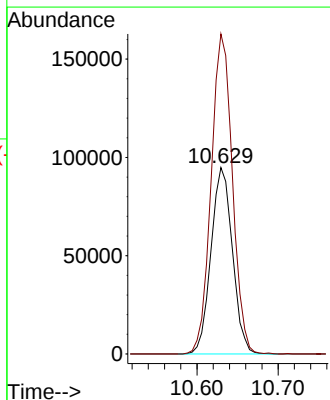
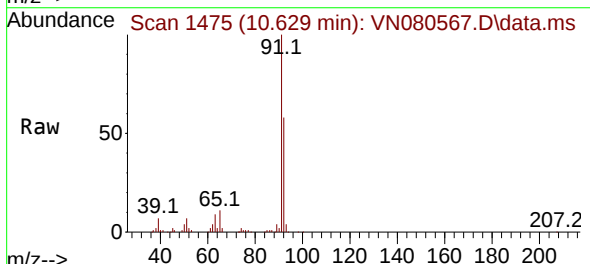
Manual Integrations
APPROVED

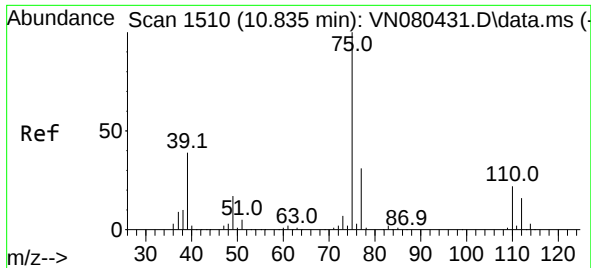
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#52
Toluene
Concen: 18.047 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

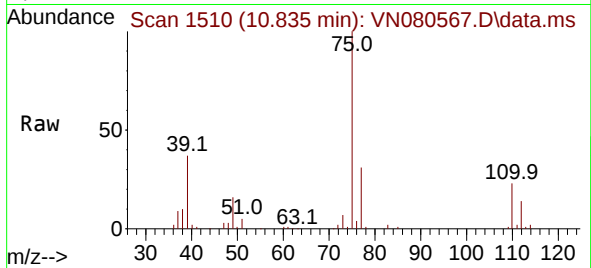
Tgt Ion: 92 Resp: 173750
Ion Ratio Lower Upper
92 100
91 170.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 17.548 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

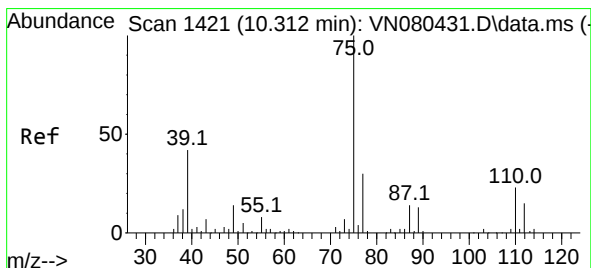
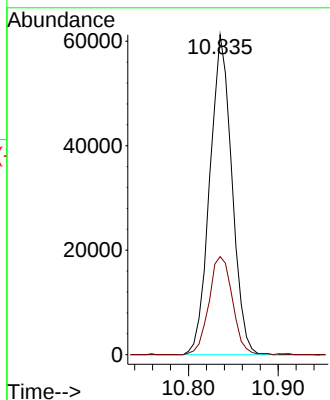
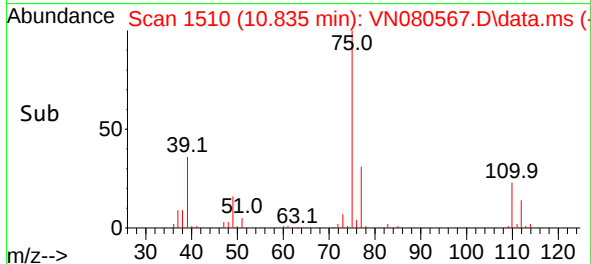
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion: 75 Resp: 104594
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

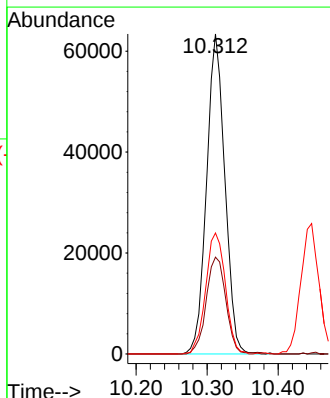
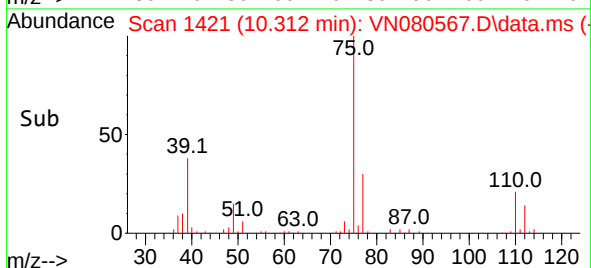
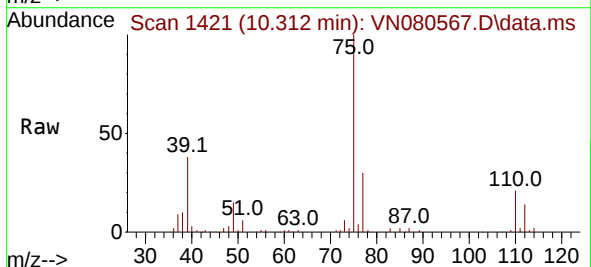
Manual Integrations
APPROVED

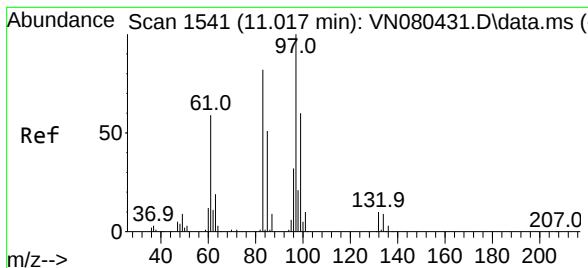
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#54
cis-1,3-Dichloropropene
Concen: 17.795 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

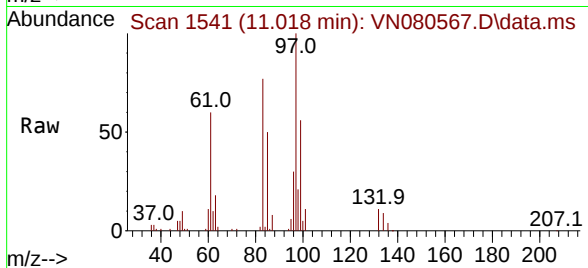
Tgt Ion: 75 Resp: 113370
Ion Ratio Lower Upper
75 100
77 30.3 26.1 39.1
39 37.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.653 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

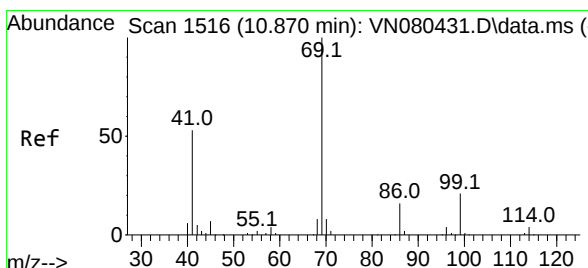
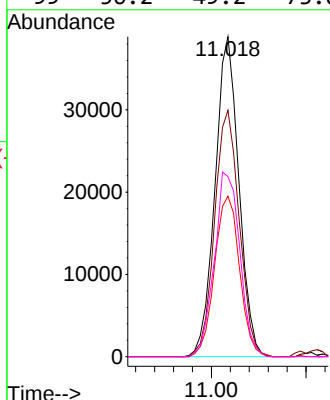
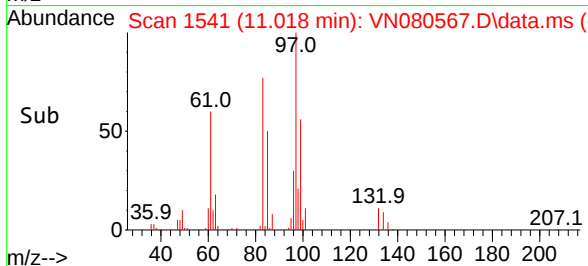
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



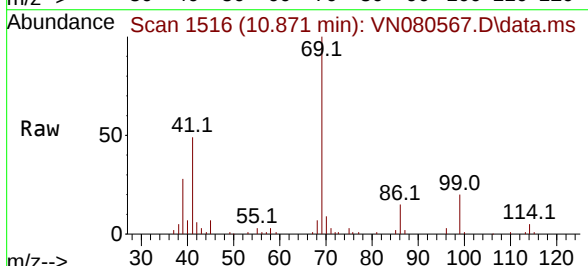
Tgt Ion: 97 Resp: 68080
Ion Ratio Lower Upper
97 100
83 77.0 65.1 97.7
85 50.1 43.4 65.2
99 56.2 49.2 73.8

Manual Integrations
APPROVED

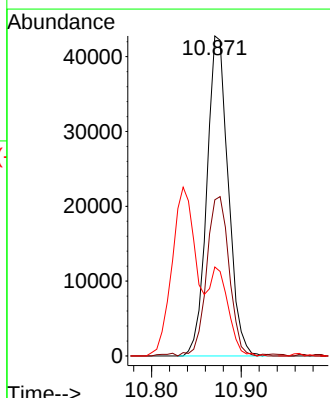
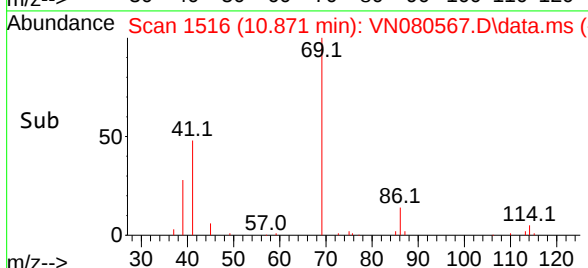
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

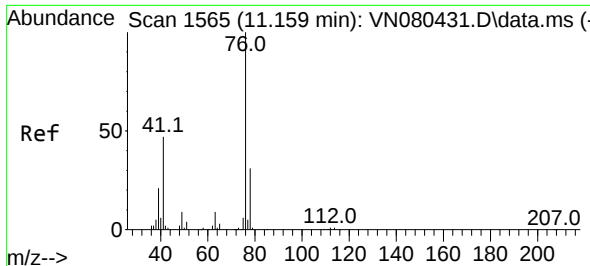


#56
Ethyl methacrylate
Concen: 18.433 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30



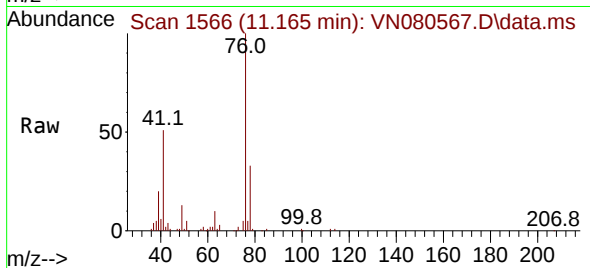
Tgt Ion: 69 Resp: 70696
Ion Ratio Lower Upper
69 100
41 52.3 39.6 59.4
39 24.7 28.6 43.0#





#57
1,3-Dichloropropane
Concen: 18.578 ug/l
RT: 11.165 min Scan# 11281
Delta R.T. 0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

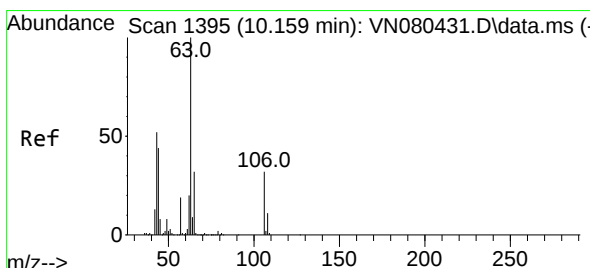
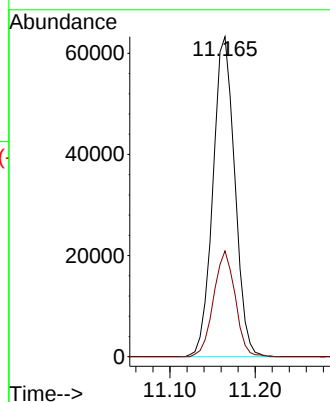
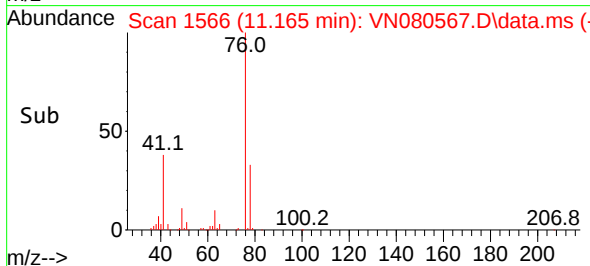
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion: 76 Resp: 11281
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

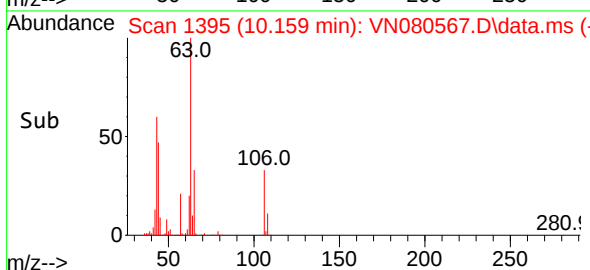
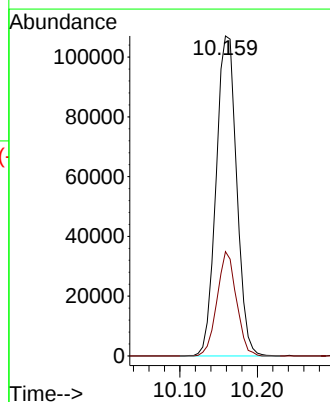
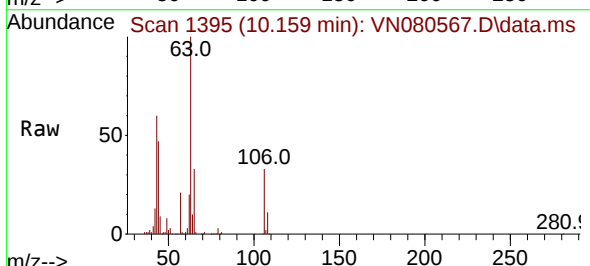
Manual Integrations
APPROVED

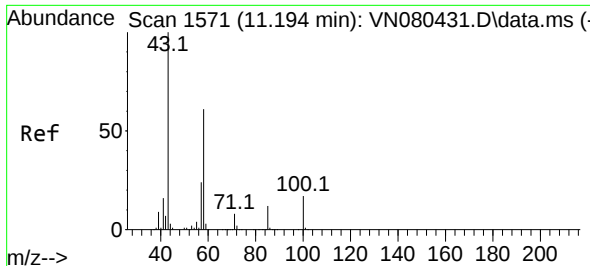
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 81.605 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

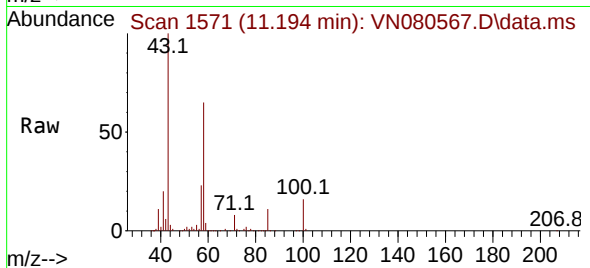
Tgt Ion: 63 Resp: 197584
Ion Ratio Lower Upper
63 100
106 30.6 26.2 39.4





#59
2-Hexanone
Concen: 94.089 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

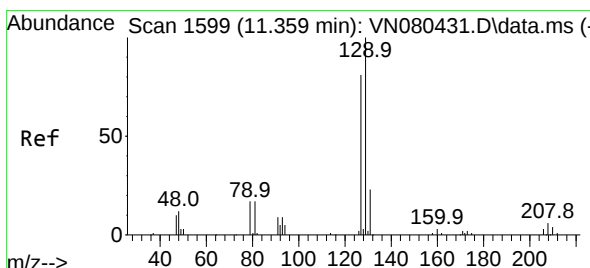
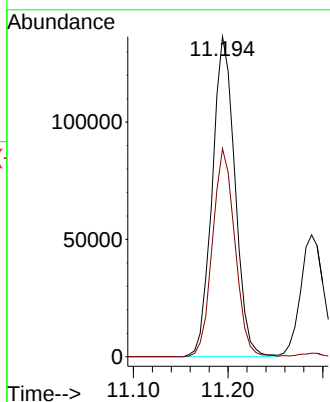
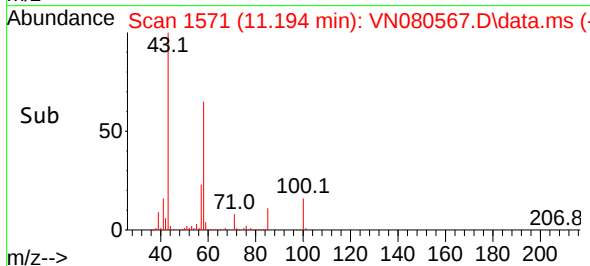
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion: 43 Resp: 22731
Ion Ratio Lower Upper
43 100
58 64.1 31.7 95.1

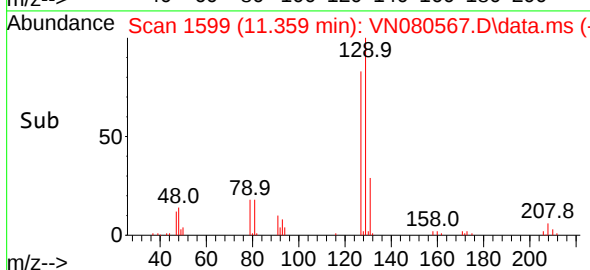
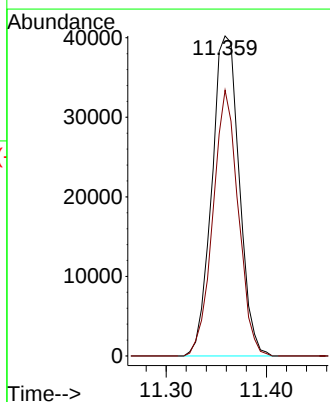
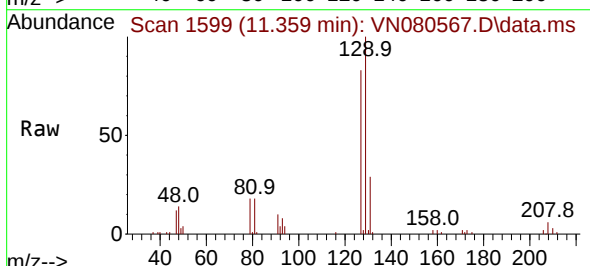
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#60
Dibromochloromethane
Concen: 18.599 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

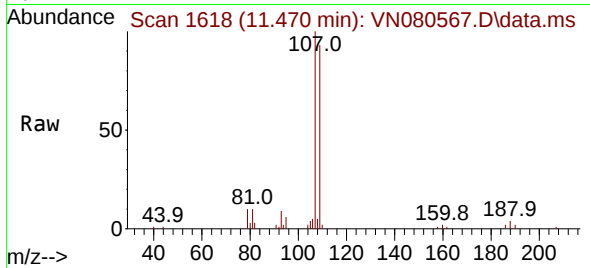
Tgt Ion:129 Resp: 76346
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.006 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

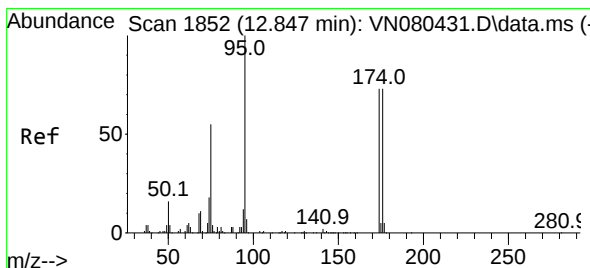
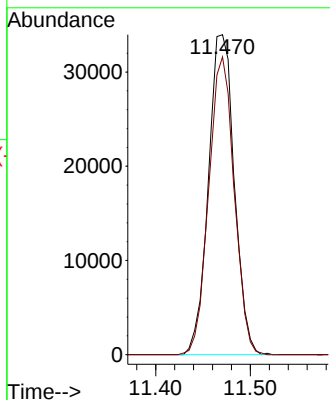
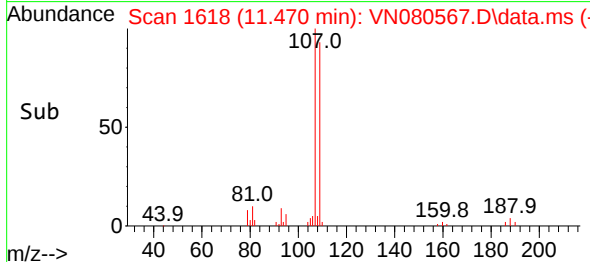
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



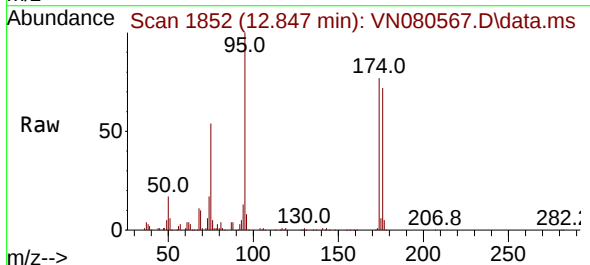
Tgt Ion:107 Resp: 64559
Ion Ratio Lower Upper
107 100
109 91.2 76.6 114.8

Manual Integrations
APPROVED

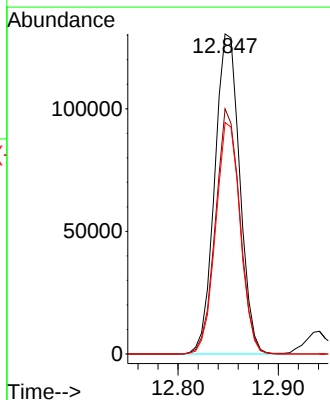
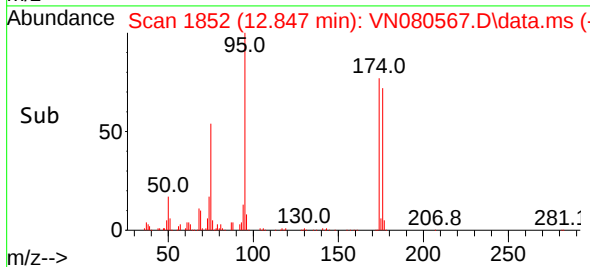
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

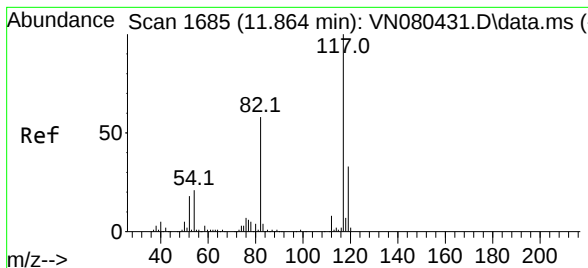


#62
4-Bromofluorobenzene
Concen: 49.458 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30



Tgt Ion: 95 Resp: 226077
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.8
176 70.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080567.D

Acq: 21 Dec 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

Tgt Ion:117 Resp: 46081

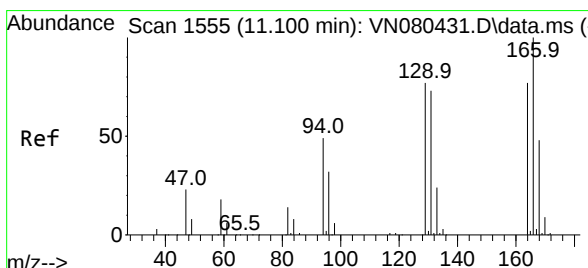
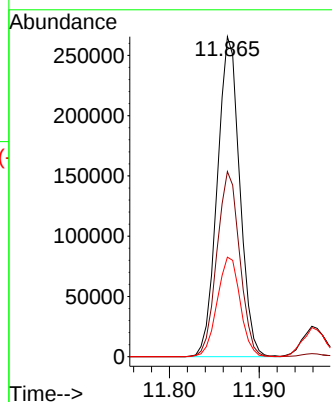
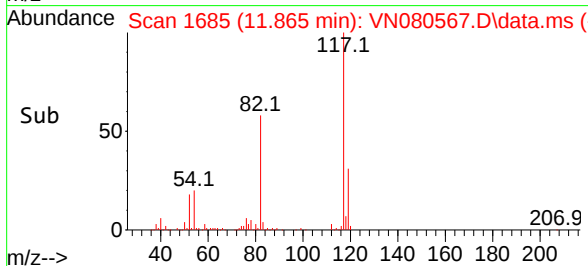
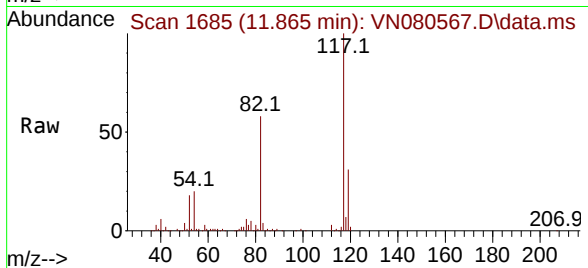
Ion	Ratio	Lower	Upper
117	100		
82	57.9	44.0	66.0
119	31.1	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#64

Tetrachloroethene

Concen: 16.320 ug/l

RT: 11.100 min Scan# 1555

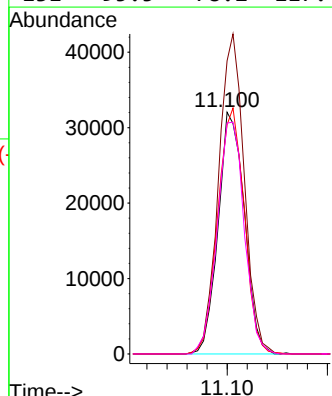
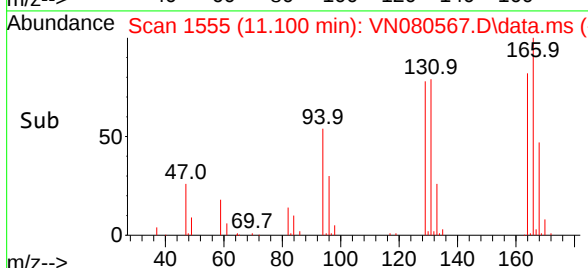
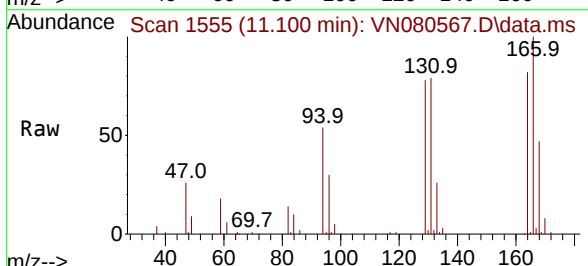
Delta R.T. 0.000 min

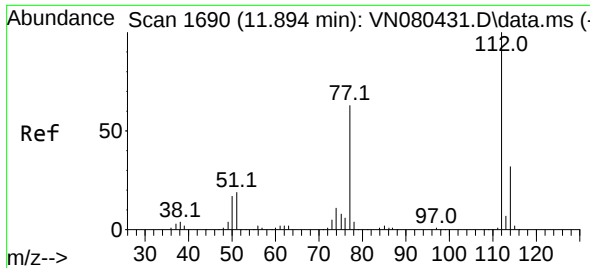
Lab File: VN080567.D

Acq: 21 Dec 2023 12:30

Tgt Ion:164 Resp: 58066

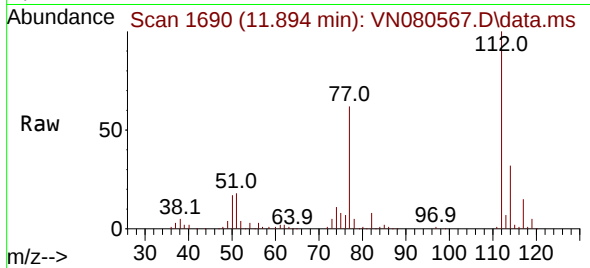
Ion	Ratio	Lower	Upper
164	100		
166	121.2	101.4	152.0
129	94.7	82.4	123.6
131	95.5	78.2	117.4





#65
Chlorobenzene
Concen: 17.186 ug/l
RT: 11.894 min Scan# 1161
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

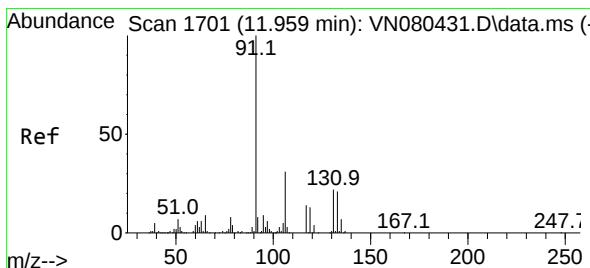
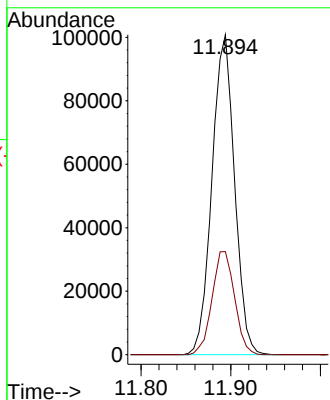
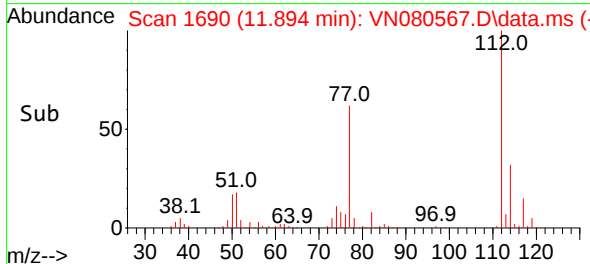
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion:112 Resp: 17617
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

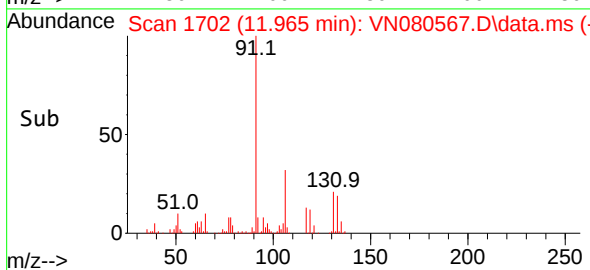
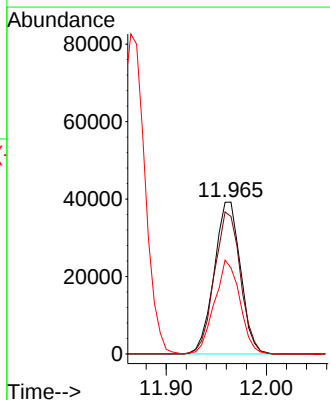
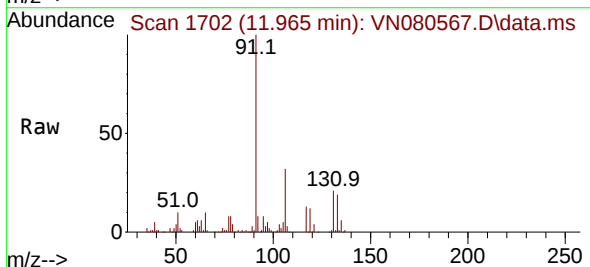
Manual Integrations
APPROVED

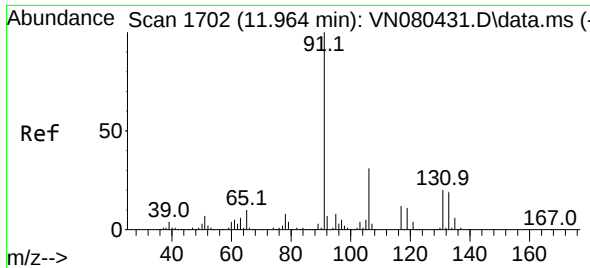
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 17.797 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

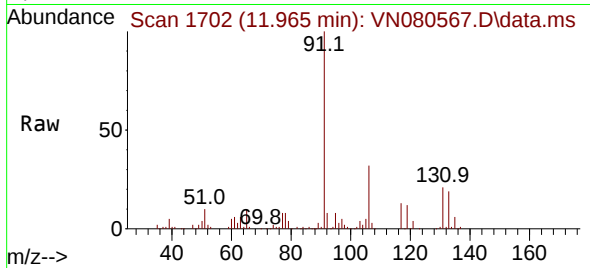
Tgt Ion:131 Resp: 71584
Ion Ratio Lower Upper
131 100
133 92.6 46.4 139.1
119 59.5 34.1 102.2





#67
Ethyl Benzene
Concen: 16.671 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

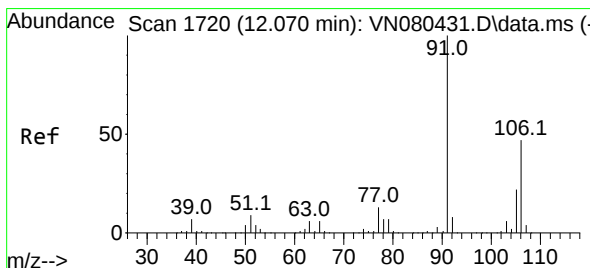
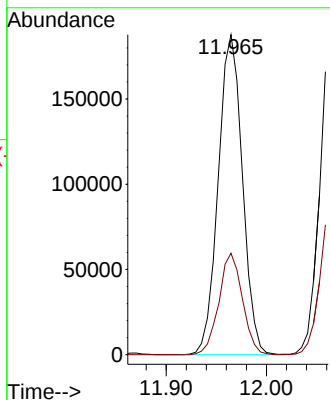
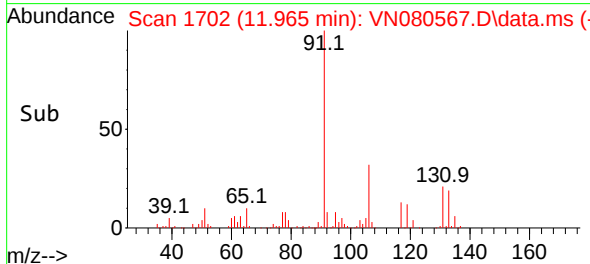
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



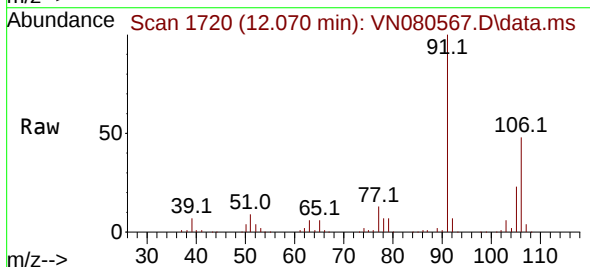
Tgt Ion: 91 Resp: 314223
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4

Manual Integrations
APPROVED

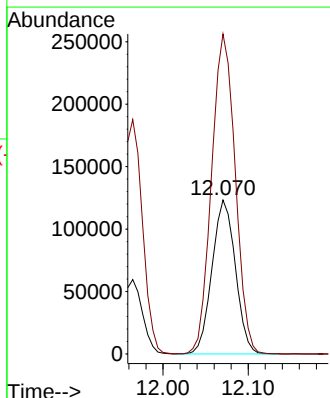
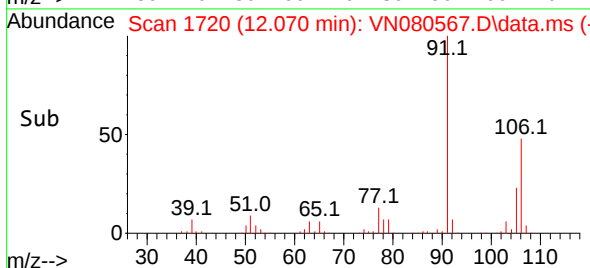
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

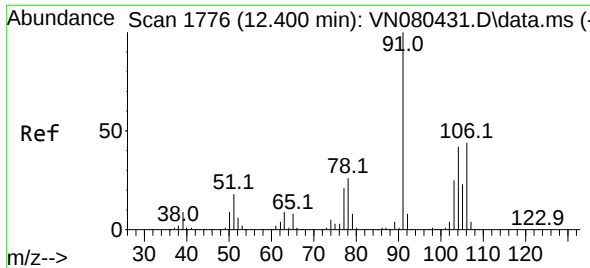


#68
m/p-Xylenes
Concen: 33.737 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30



Tgt Ion:106 Resp: 234978
Ion Ratio Lower Upper
106 100
91 211.1 159.6 239.4





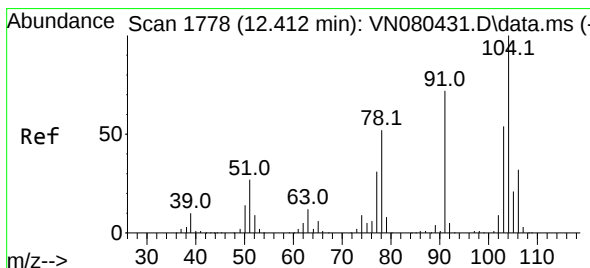
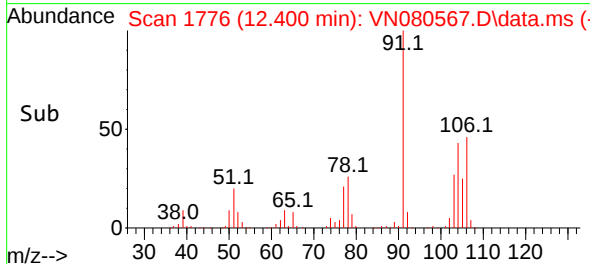
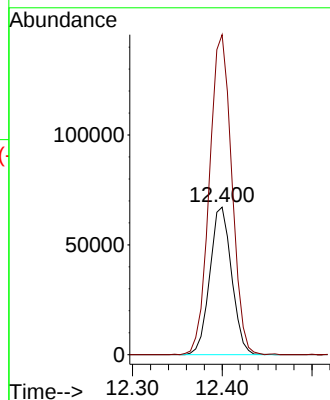
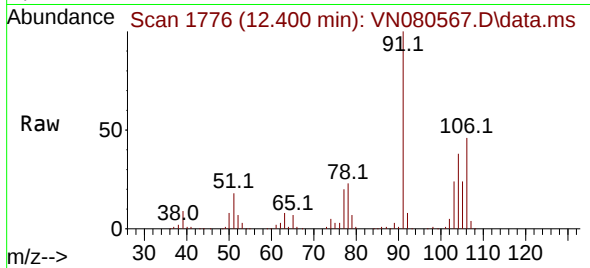
#69
o-Xylene
Concen: 16.605 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion:106 Resp: 11312
Ion Ratio Lower Upper
106 100
91 223.0 105.2 315.5

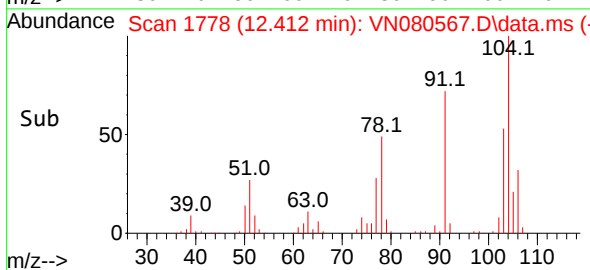
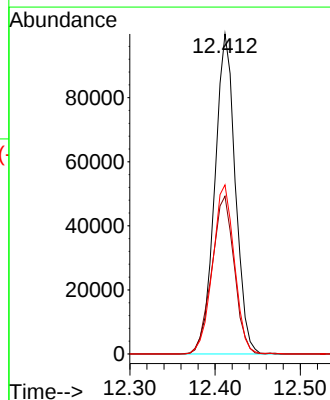
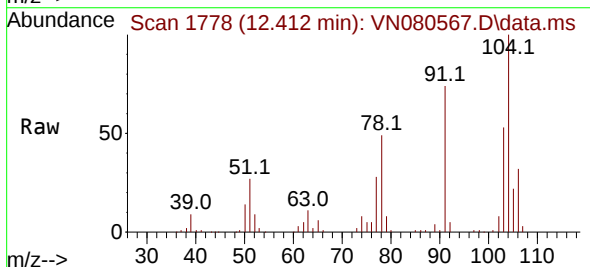
Manual Integrations
APPROVED

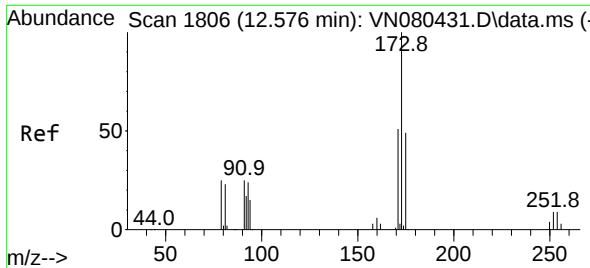
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#70
Styrene
Concen: 17.068 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

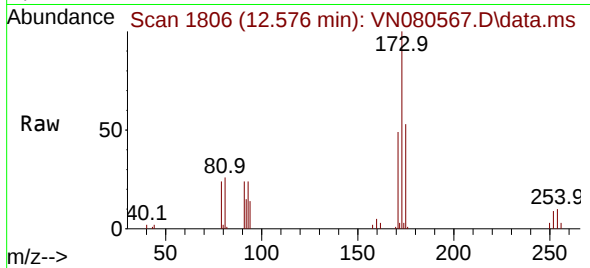
Tgt Ion:104 Resp: 167493
Ion Ratio Lower Upper
104 100
78 53.8 39.5 59.3
103 55.8 43.2 64.8





#71
Bromoform
Concen: 16.961 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

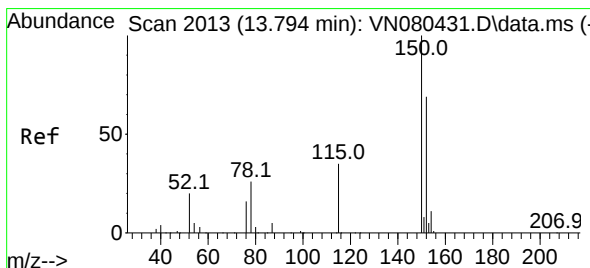
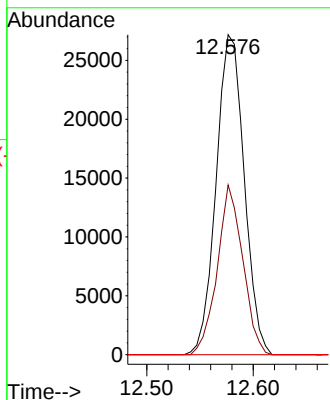
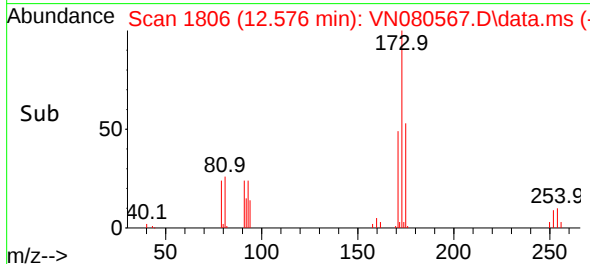
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



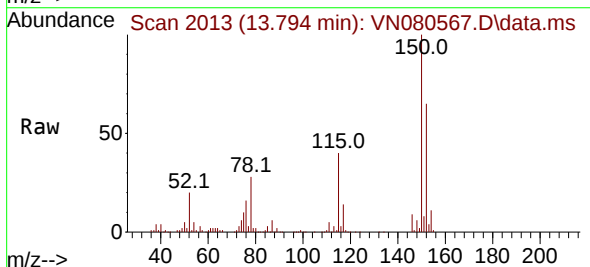
Tgt Ion:173 Resp: 4975
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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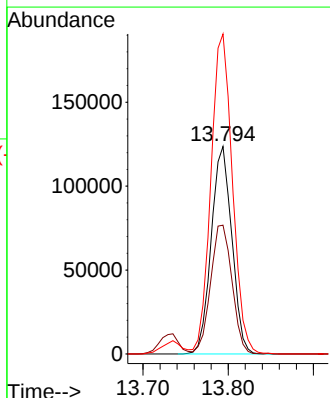
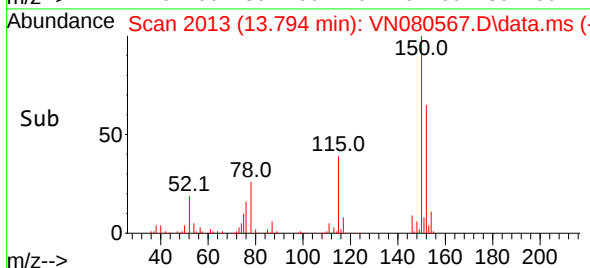
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

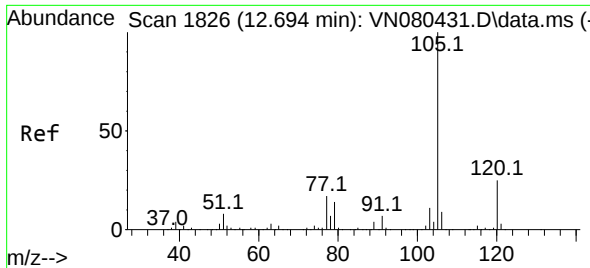


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30



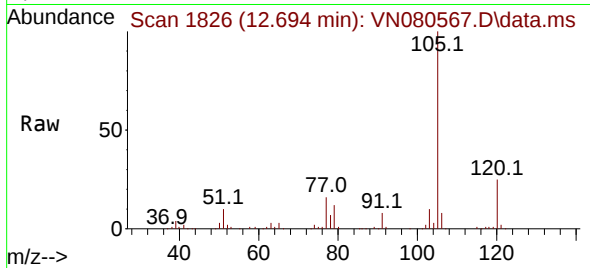
Tgt Ion:152 Resp: 207771
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 161.1 0.0 355.8





#73
Isopropylbenzene
Concen: 17.142 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

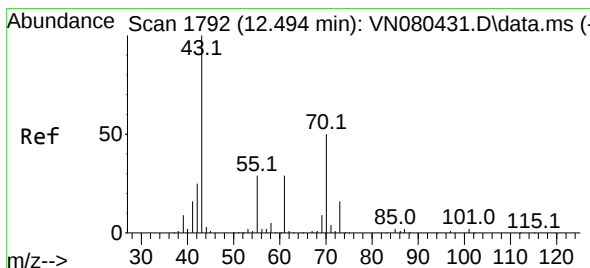
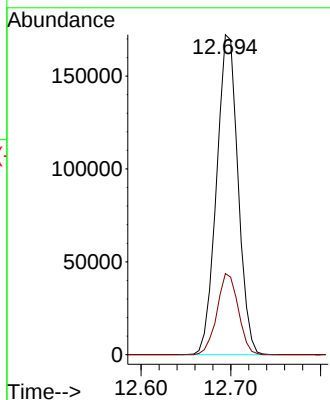
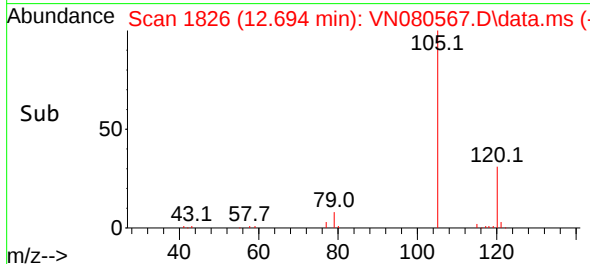
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



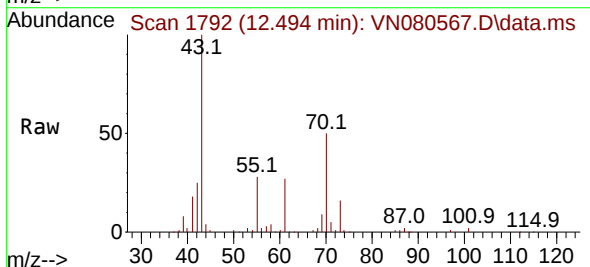
Tgt Ion:105 Resp: 28611
Ion Ratio Lower Upper
105 100
120 25.1 13.1 39.1

Manual Integrations
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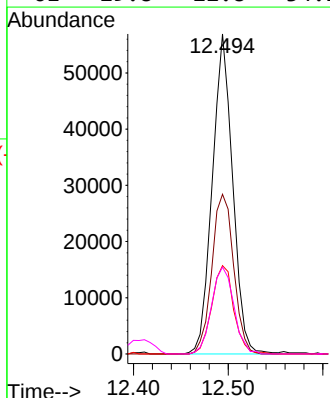
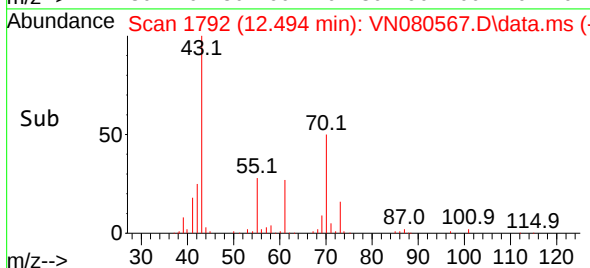
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

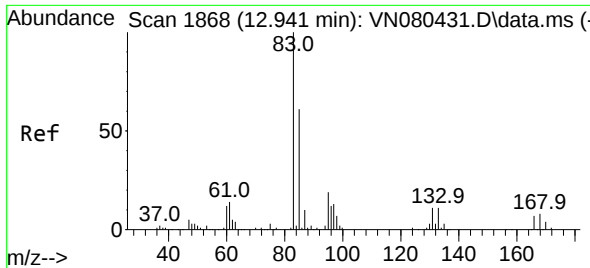


#74
N-ethyl acetate
Concen: 17.421 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30



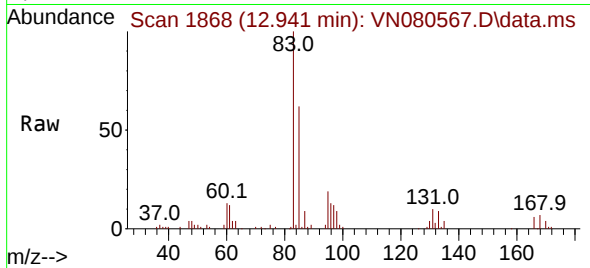
Tgt Ion: 43 Resp: 84911
Ion Ratio Lower Upper
43 100
70 53.5 43.4 65.2
55 29.8 21.4 32.0
61 29.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.602 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

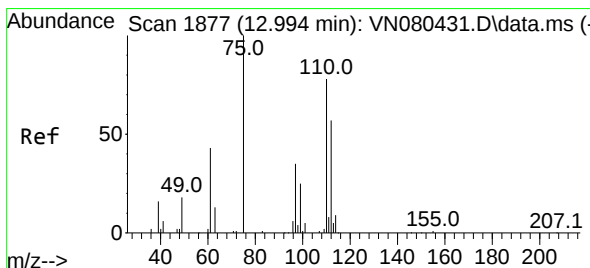
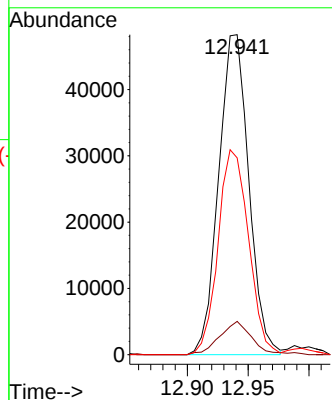
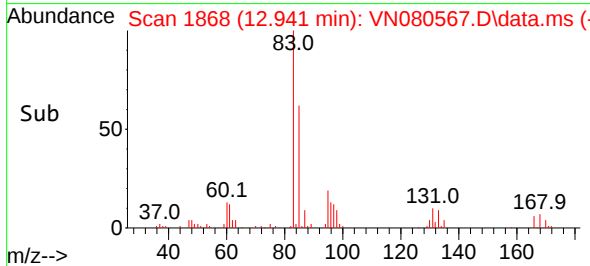
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



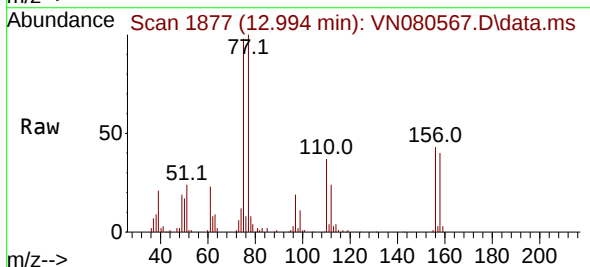
Tgt Ion: 83 Resp: 83198
Ion Ratio Lower Upper
83 100
131 11.2 5.0 15.0
85 64.7 31.9 95.7

Manual Integrations
APPROVED

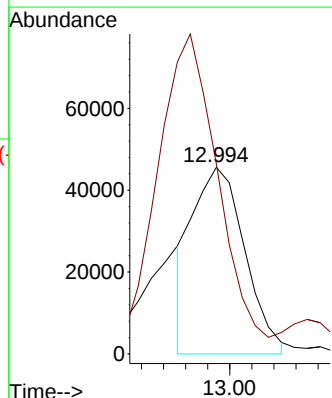
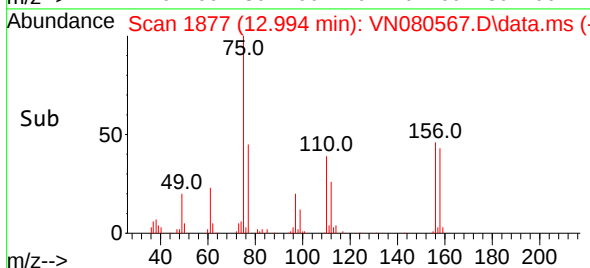
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

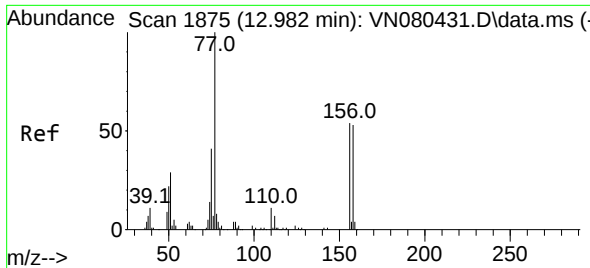


#76
1,2,3-Trichloropropane
Concen: 18.112 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30



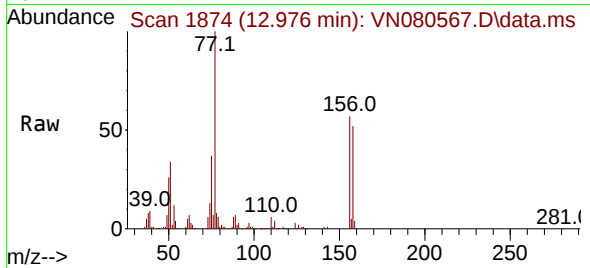
Tgt Ion: 75 Resp: 75075
Ion Ratio Lower Upper
75 100
77 200.8 84.5 253.5





#77
Bromobenzene
Concen: 17.496 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

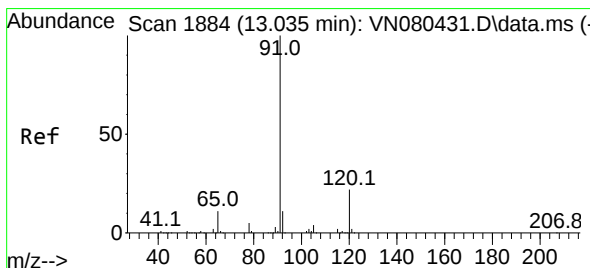
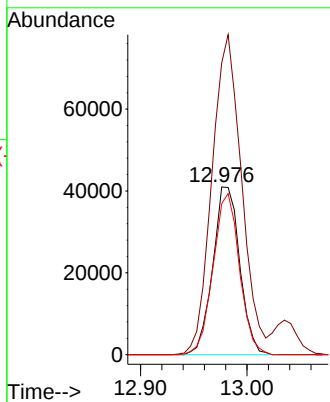
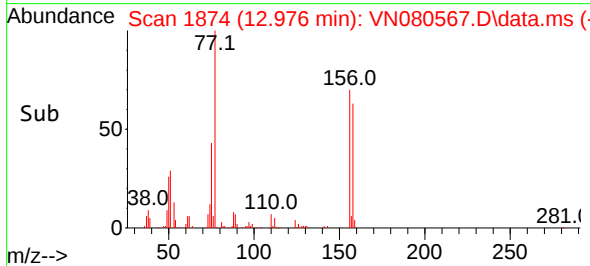
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



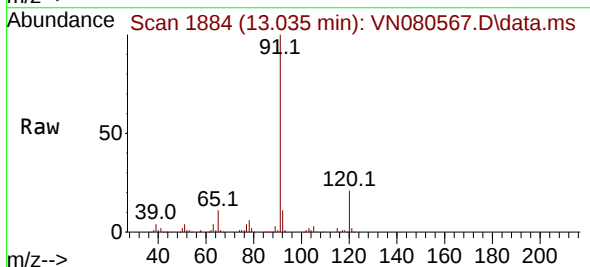
Tgt Ion:156 Resp: 7183
Ion Ratio Lower Upper
156 100
77 209.9 107.7 323.3
158 94.1 48.4 145.3

Manual Integrations
APPROVED

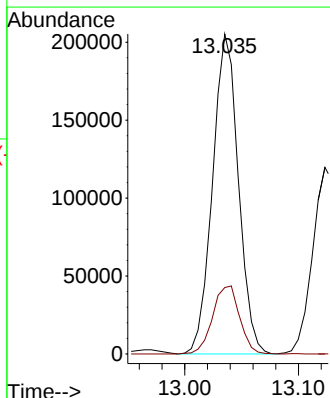
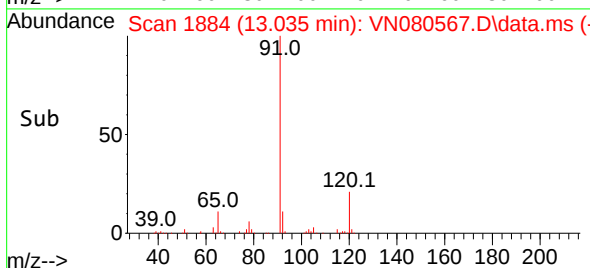
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

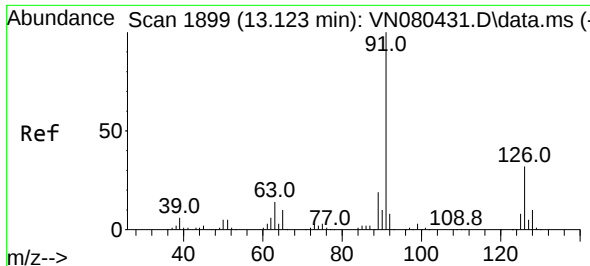


#78
n-propylbenzene
Concen: 17.633 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30



Tgt Ion: 91 Resp: 324491
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





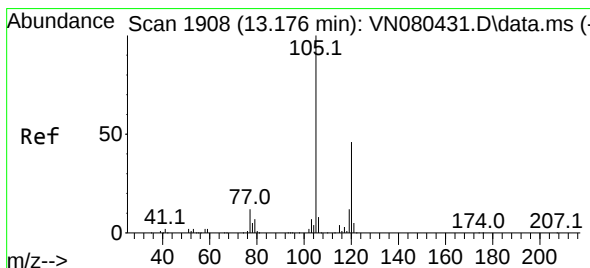
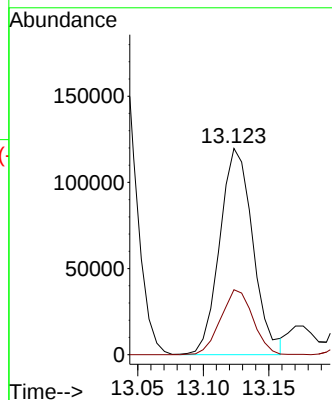
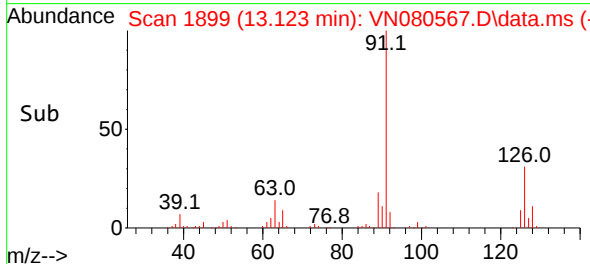
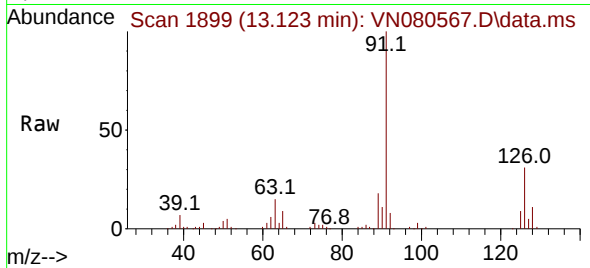
#79
2-Chlorotoluene
Concen: 17.518 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 91 Resp: 21046
Ion Ratio Lower Upper
91 100
126 30.7 16.3 48.8

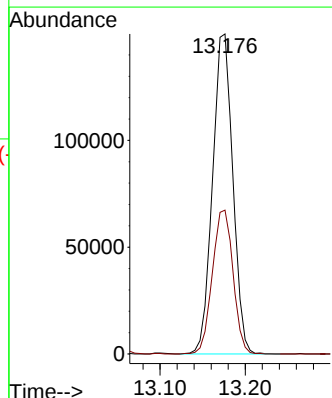
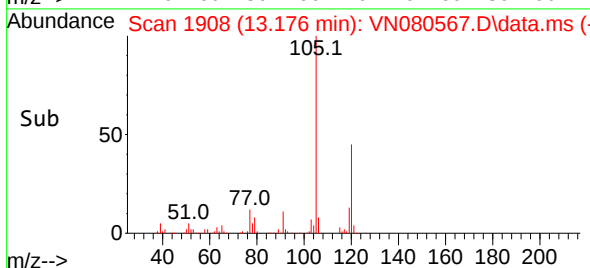
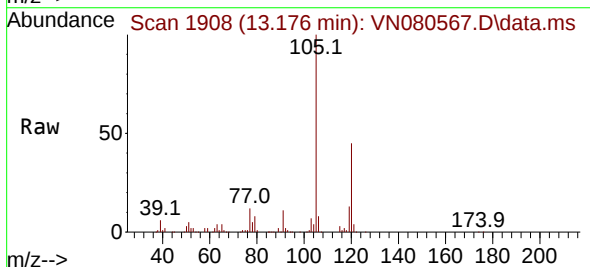
Manual Integrations
APPROVED

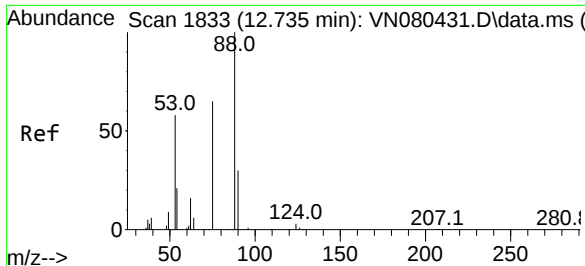
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.206 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

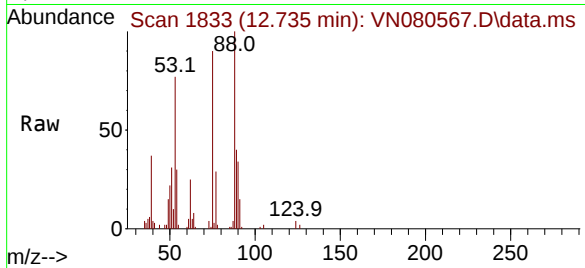
Tgt Ion:105 Resp: 247333
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.720 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

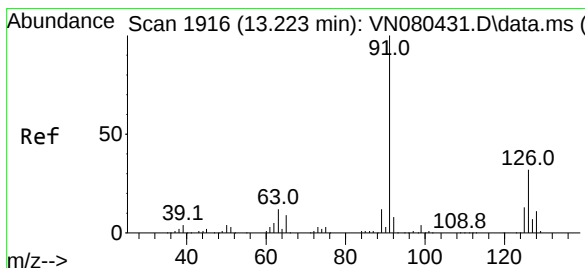
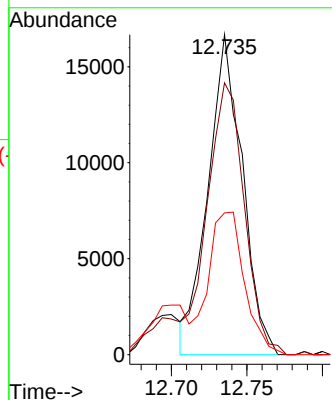
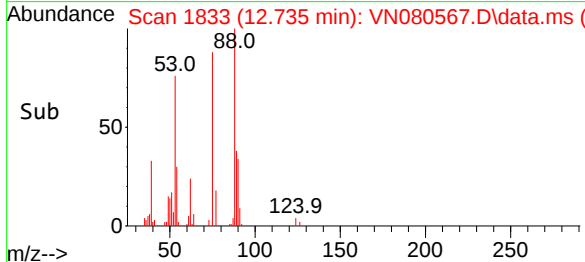
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



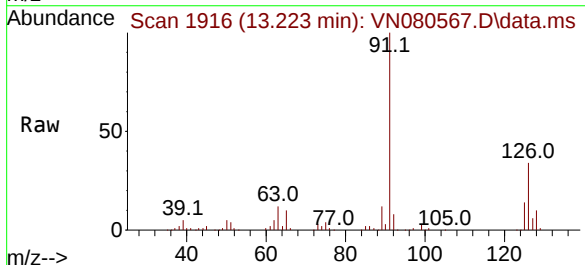
Tgt Ion: 75 Resp: 26390
Ion Ratio Lower Upper
75 100
53 102.9 67.4 101.2
89 47.0 38.8 58.2

Manual Integrations
APPROVED

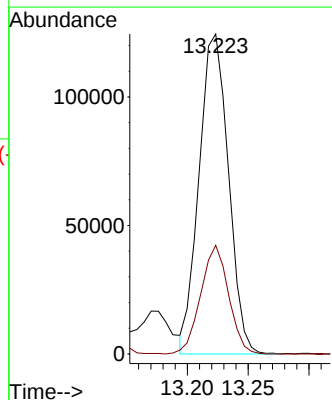
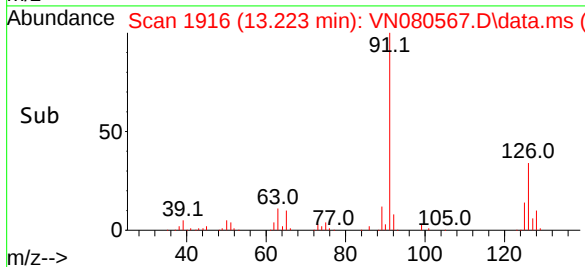
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

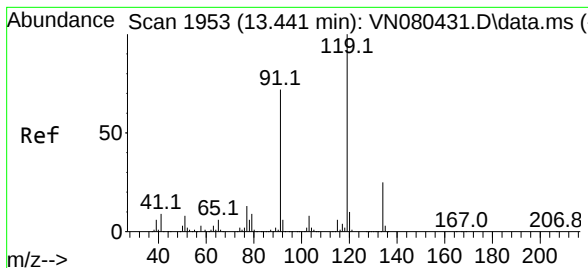


#82
4-Chlorotoluene
Concen: 16.937 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30



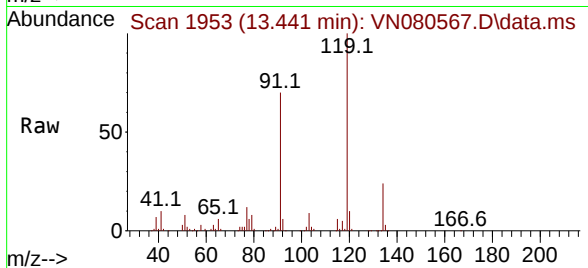
Tgt Ion: 91 Resp: 209157
Ion Ratio Lower Upper
91 100
126 32.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 16.785 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

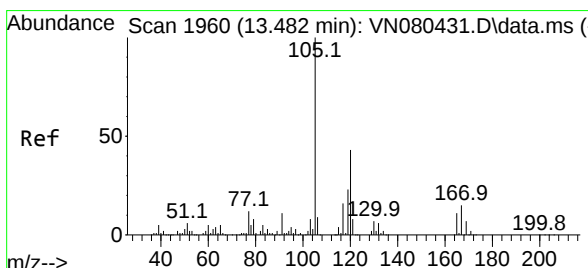
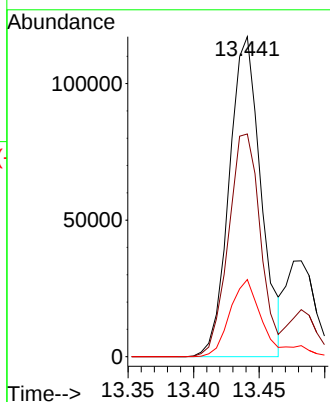
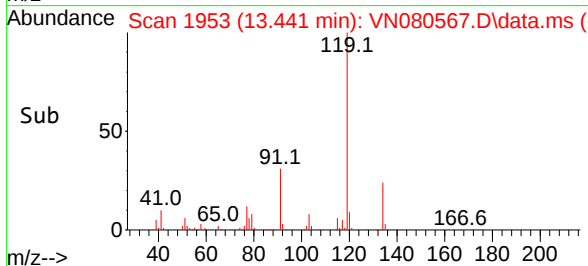
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



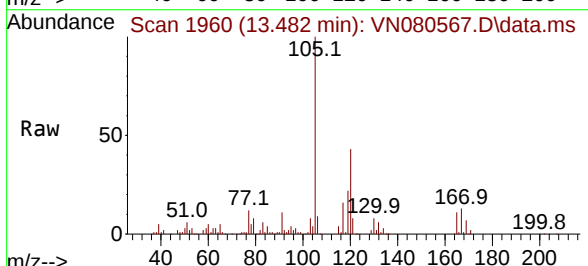
Tgt Ion:119 Resp: 197608
Ion Ratio Lower Upper
119 100
91 70.2 33.9 101.7
134 25.8 13.2 39.6

Manual Integrations
APPROVED

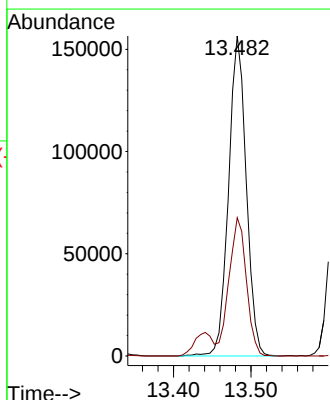
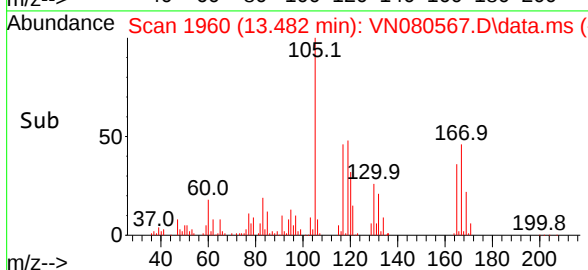
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

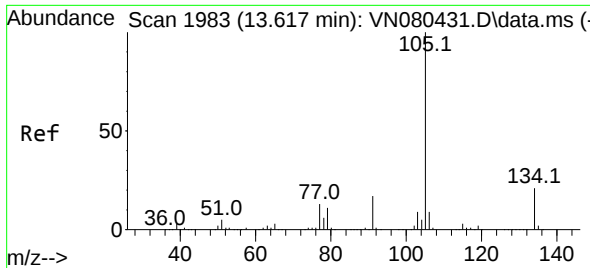


#84
1,2,4-Trimethylbenzene
Concen: 17.377 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30



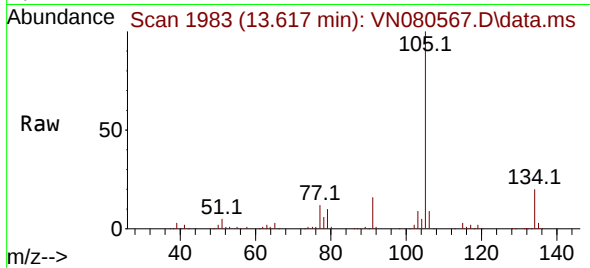
Tgt Ion:105 Resp: 248498
Ion Ratio Lower Upper
105 100
120 42.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 16.849 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080567.D
 Acq: 21 Dec 2023 12:30

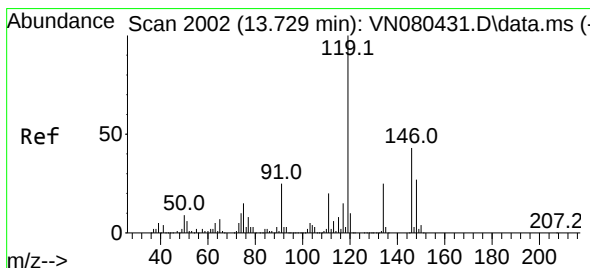
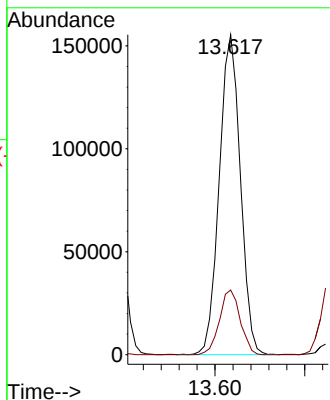
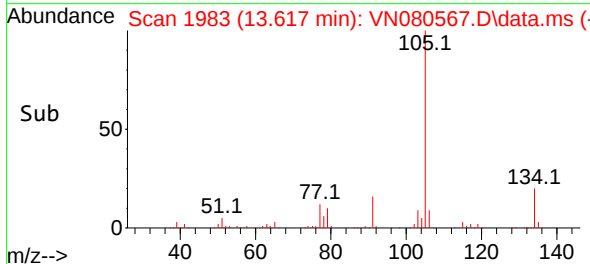
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBS01



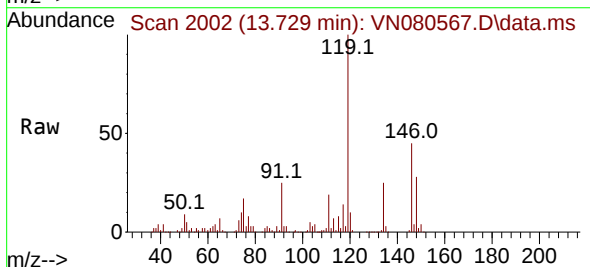
Tgt Ion:105 Resp: 253749
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
 APPROVED

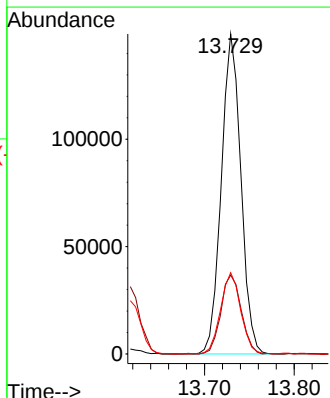
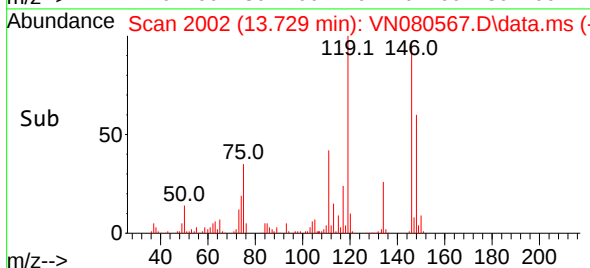
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023

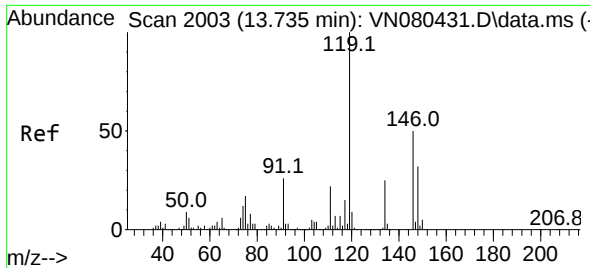


#86
 p-Isopropyltoluene
 Concen: 16.593 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080567.D
 Acq: 21 Dec 2023 12:30



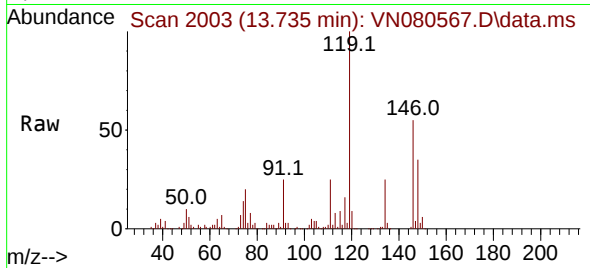
Tgt Ion:119 Resp: 225626
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 26.1 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 17.010 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080567.D
 Acq: 21 Dec 2023 12:30

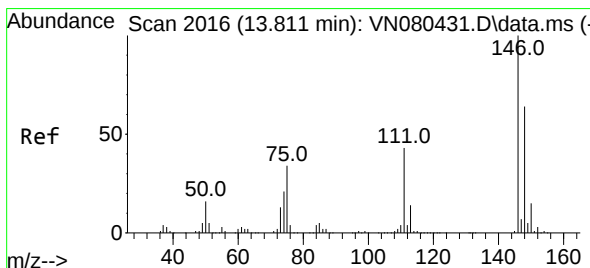
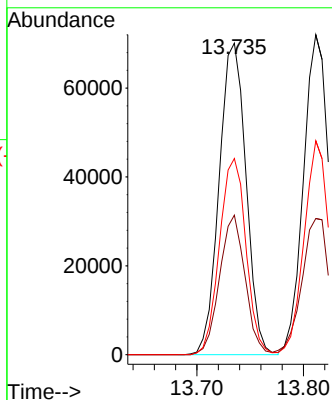
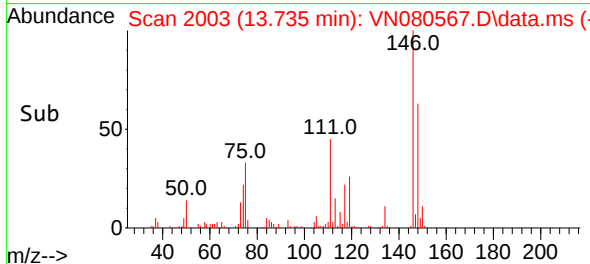
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBS01



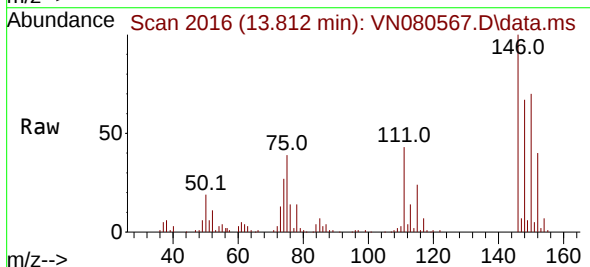
Tgt Ion:146 Resp: 123052
 Ion Ratio Lower Upper
 146 100
 111 42.5 22.1 66.3
 148 62.0 32.0 96.0

Manual Integrations
 APPROVED

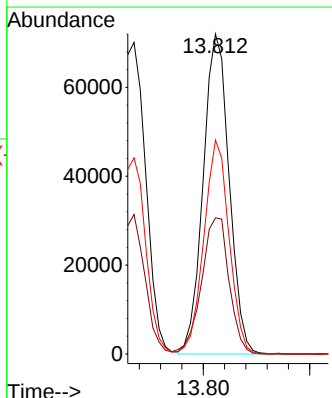
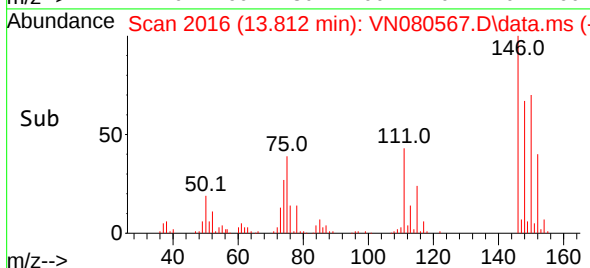
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023

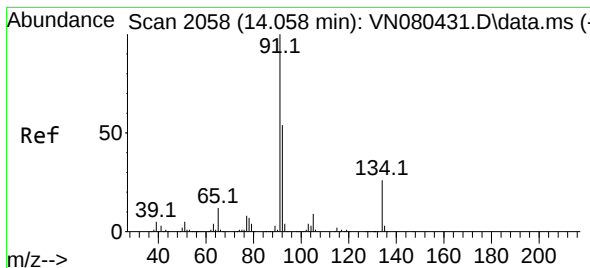


#88
 1,4-Dichlorobenzene
 Concen: 16.717 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080567.D
 Acq: 21 Dec 2023 12:30



Tgt Ion:146 Resp: 122072
 Ion Ratio Lower Upper
 146 100
 111 45.2 20.6 61.8
 148 65.0 31.6 94.8





#89

n-Butylbenzene

Concen: 16.326 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080567.D

Acq: 21 Dec 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

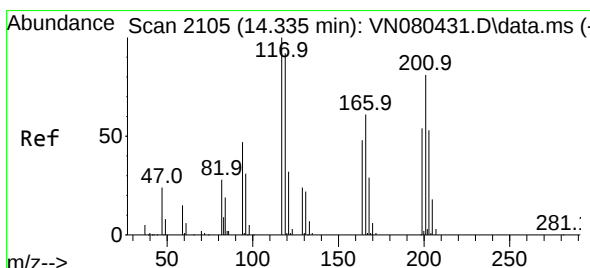
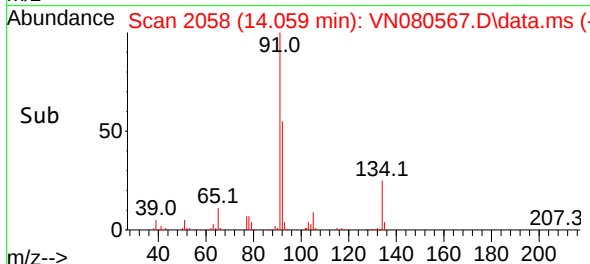
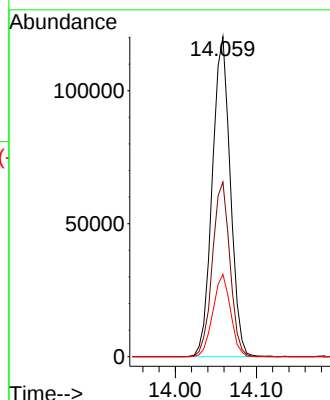
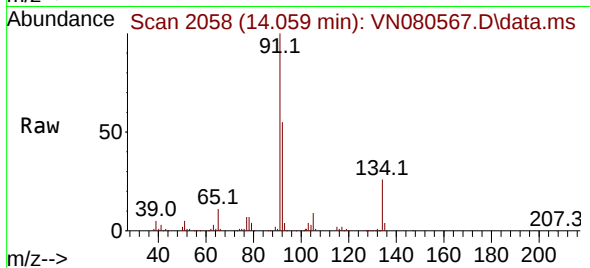
Tgt Ion:	91	Resp:	185389
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.4	79.0
134	25.2	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#90

Hexachloroethane

Concen: 16.593 ug/l

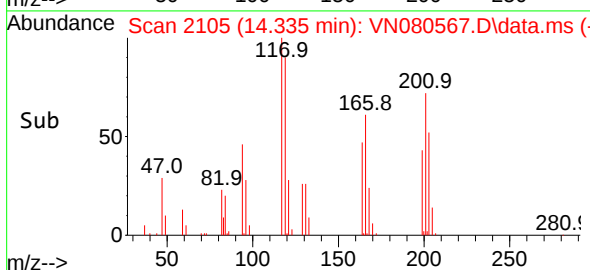
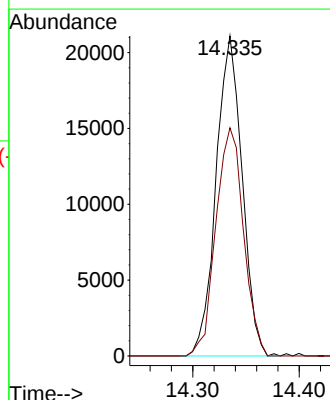
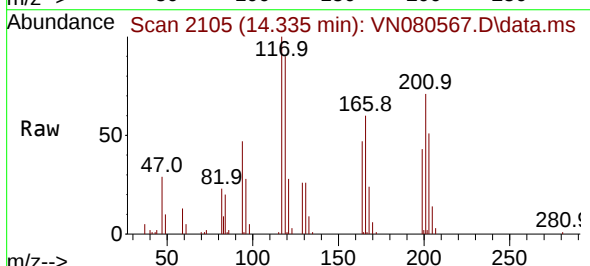
RT: 14.335 min Scan# 2105

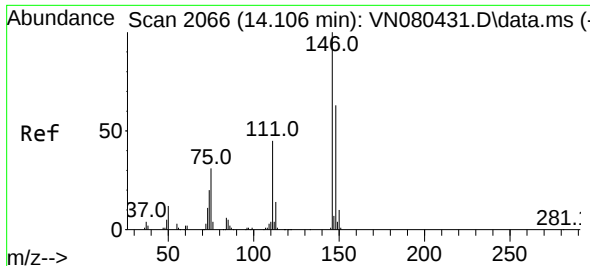
Delta R.T. 0.000 min

Lab File: VN080567.D

Acq: 21 Dec 2023 12:30

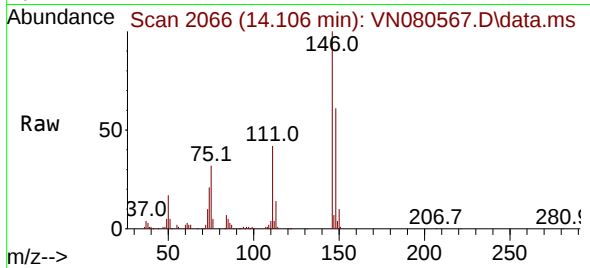
Tgt Ion:	117	Resp:	35833
Ion	Ratio	Lower	Upper
117	100		
201	75.8	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 17.577 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

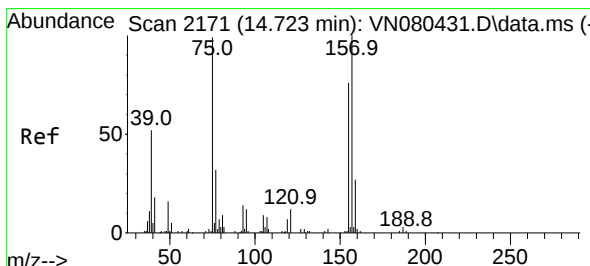
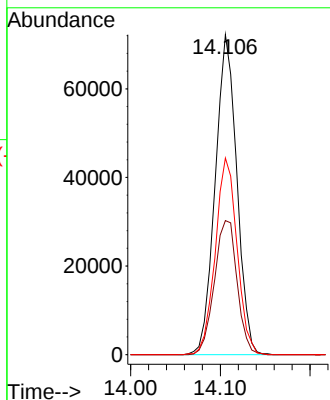
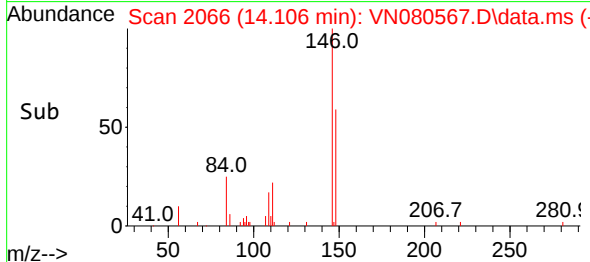
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion:146 Resp: 120740
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 61.8 31.8 95.3

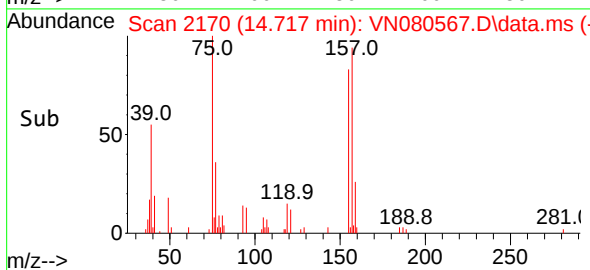
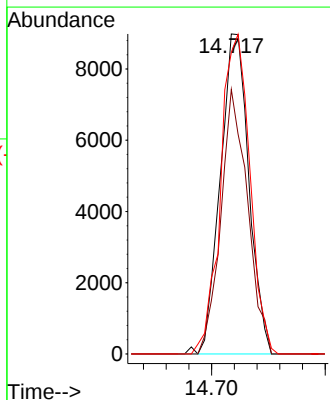
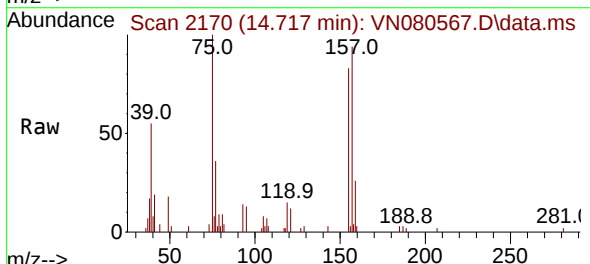
Manual Integrations
APPROVED

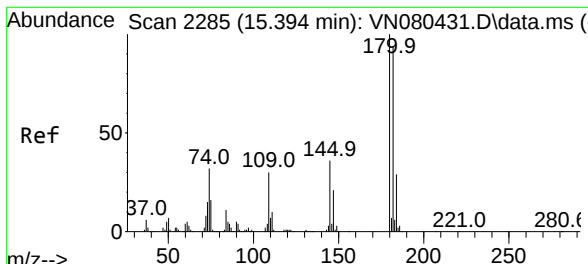
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.695 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

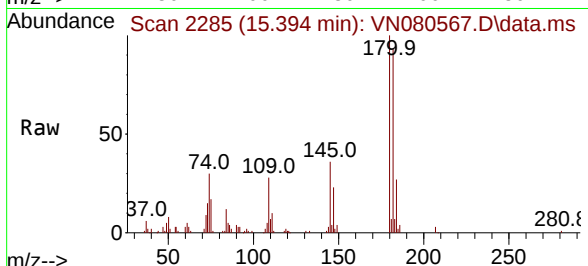
Tgt Ion: 75 Resp: 15706
Ion Ratio Lower Upper
75 100
155 77.3 39.1 117.2
157 102.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.971 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

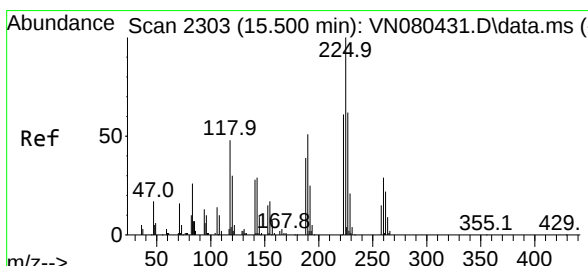
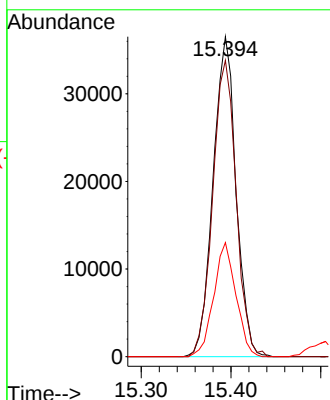
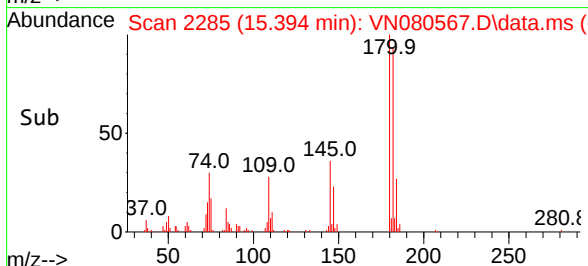
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



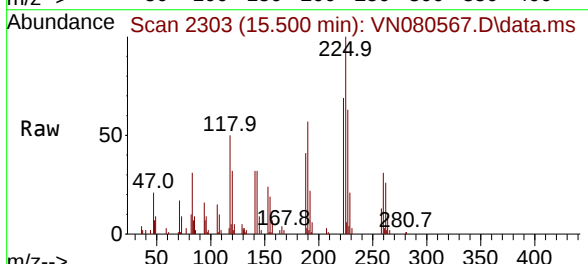
Tgt Ion:180 Resp: 6472
Ion Ratio Lower Upper
180 100
182 94.7 46.1 138.2
145 34.7 16.6 49.8

Manual Integrations
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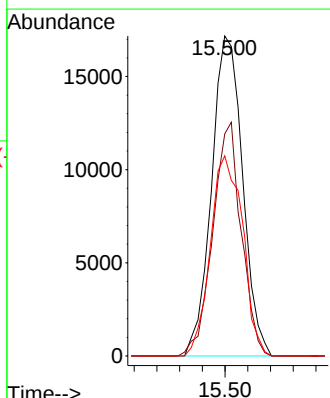
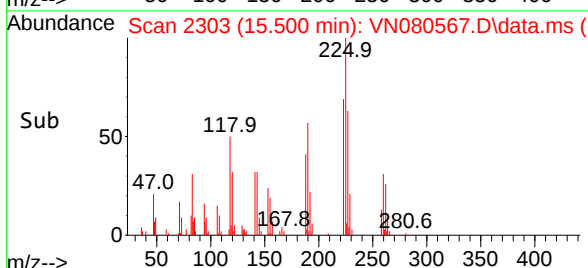
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

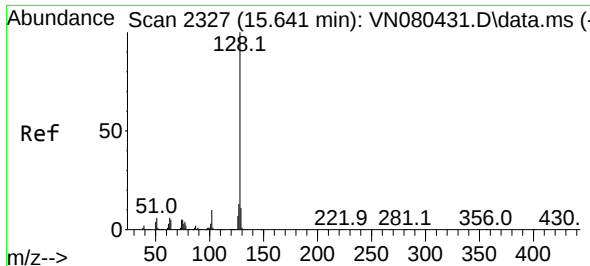


#94
Hexachlorobutadiene
Concen: 14.996 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30



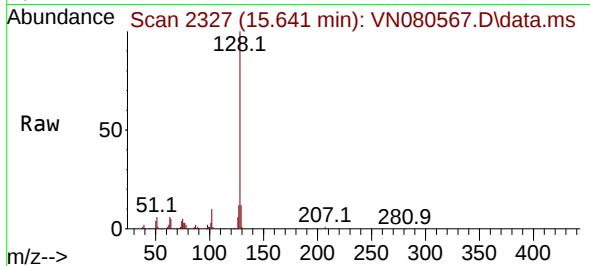
Tgt Ion:225 Resp: 32561
Ion Ratio Lower Upper
225 100
223 67.0 31.3 93.8
227 65.1 31.9 95.9





#95
Naphthalene
Concen: 16.647 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

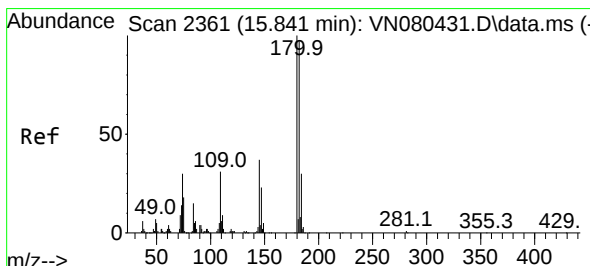
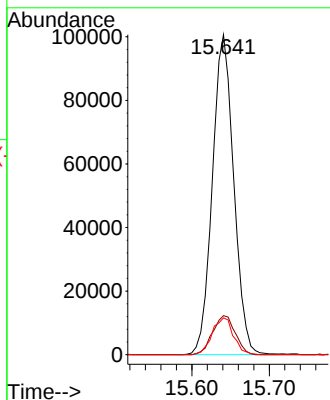
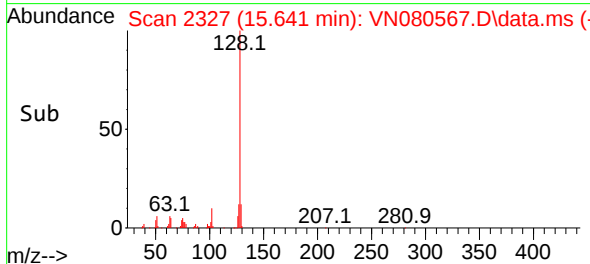
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion:128 Resp: 192798
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.650 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080567.D
Acq: 21 Dec 2023 12:30

Tgt Ion:180 Resp: 61279
Ion Ratio Lower Upper
180 100
182 94.5 46.2 138.6
145 36.4 17.5 52.6

