

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081165.D
 Acq On : 23 Feb 2024 17:44
 Operator : JC\MD
 Sample : VN0224WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS02

Quant Time: Feb 23 22:01:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	298584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	566211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	508950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219412	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	179309	48.994	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.980%
35) Dibromofluoromethane	8.171	113	153510	47.946	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.900%
50) Toluene-d8	10.571	98	516347	45.406	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.820%
62) 4-Bromofluorobenzene	12.853	95	197081	46.123	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	82016	21.240	ug/l	98
3) Chloromethane	2.359	50	77856	17.718	ug/l	96
4) Vinyl Chloride	2.512	62	85310	19.890	ug/l #	87
5) Bromomethane	2.959	94	55440	18.198	ug/l	92
6) Chloroethane	3.118	64	61254	21.587	ug/l	94
7) Trichlorofluoromethane	3.501	101	129297	20.635	ug/l	99
8) Diethyl Ether	3.959	74	48524	21.181	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	76197	21.814	ug/l	93
10) Methyl Iodide	4.589	142	58658	15.044	ug/l	95
11) Tert butyl alcohol	5.512	59	80705	119.909	ug/l	100
12) 1,1-Dichloroethene	4.342	96	66163	19.595	ug/l	93
13) Acrolein	4.183	56	35631	98.772	ug/l	99
14) Allyl chloride	5.030	41	94643	18.890	ug/l #	85
15) Acrylonitrile	5.724	53	208337	118.522	ug/l	97
16) Acetone	4.430	43	147639	102.523	ug/l	99
17) Carbon Disulfide	4.712	76	167360	17.770	ug/l #	93
18) Methyl Acetate	5.030	43	95303	27.129	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	244907	21.177	ug/l	91
20) Methylene Chloride	5.277	84	79324	20.749	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	74842	19.866	ug/l	87
22) Diisopropyl ether	6.671	45	244230	21.490	ug/l #	92
23) Vinyl Acetate	6.606	43	986356	106.970	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	142069	21.619	ug/l	98
25) 2-Butanone	7.483	43	267993	115.194	ug/l	93
26) 2,2-Dichloropropane	7.489	77	125678	20.411	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	89297	20.401	ug/l	90
28) Bromochloromethane	7.818	49	49098	18.022	ug/l #	64
29) Tetrahydrofuran	7.836	42	184615	118.875	ug/l #	87
30) Chloroform	7.971	83	153409	21.960	ug/l	94
31) Cyclohexane	8.259	56	128482	20.332	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	135672	21.324	ug/l #	91
36) 1,1-Dichloropropene	8.377	75	107411	19.582	ug/l	96
37) Ethyl Acetate	7.559	43	113945	23.017	ug/l	99
38) Carbon Tetrachloride	8.365	117	111258	20.048	ug/l	98
39) Methylcyclohexane	9.600	83	126731	19.819	ug/l	89
40) Benzene	8.612	78	330735	20.831	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	59713	21.194	ug/l	94
42) 1,2-Dichloroethane	8.671	62	114239	20.623	ug/l	99
43) Isopropyl Acetate	8.694	43	189417	21.877	ug/l	97
44) Trichloroethene	9.353	130	84548	19.993	ug/l	89
45) 1,2-Dichloropropane	9.624	63	84403	21.252	ug/l	91
46) Dibromomethane	9.706	93	59568	20.585	ug/l #	89
47) Bromodichloromethane	9.888	83	115111	21.003	ug/l #	99
48) Methyl methacrylate	9.683	41	85190	21.146	ug/l	89
49) 1,4-Dioxane	9.694	88	36731	474.470	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	590092	118.478	ug/l	95
52) Toluene	10.635	92	210629	20.955	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	119710	19.656	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	133965	20.359	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	84707	21.911	ug/l	95
56) Ethyl methacrylate	10.877	69	123212	20.854	ug/l	90
57) 1,3-Dichloropropane	11.165	76	146399	21.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	258227	87.106	ug/l #	87
59) 2-Hexanone	11.200	43	439750	111.368	ug/l	94
60) Dibromochloromethane	11.359	129	85384	20.790	ug/l	96
61) 1,2-Dibromoethane	11.471	107	88127	21.678	ug/l	98
64) Tetrachloroethene	11.106	164	73666	21.207	ug/l	91
65) Chlorobenzene	11.894	112	220959	20.059	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.965	131	80060	20.236	ug/l	97
67) Ethyl Benzene	11.965	91	393604	19.969	ug/l	100
68) m/p-Xylenes	12.071	106	296010	39.180	ug/l	99
69) o-Xylene	12.400	106	147385	19.680	ug/l	96
70) Styrene	12.412	104	238859	20.127	ug/l	96
71) Bromoform	12.582	173	53196	21.193	ug/l #	96
73) Isopropylbenzene	12.700	105	390815	20.358	ug/l	98
74) N-amyl acetate	12.500	43	162604	20.041	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	119902	22.212	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	156147	31.322	ug/l	60
77) Bromobenzene	12.982	156	81375	19.011	ug/l	84
78) n-propylbenzene	13.041	91	460235	20.826	ug/l	96
79) 2-Chlorotoluene	13.129	91	272197	20.081	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	323099	20.758	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.741	75	37080	19.145	ug/l #	82
82) 4-Chlorotoluene	13.223	91	269101	20.303	ug/l	95
83) tert-Butylbenzene	13.441	119	282268	20.973	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	318659	20.545	ug/l	95
85) sec-Butylbenzene	13.618	105	404861	21.638	ug/l	95
86) p-Isopropyltoluene	13.735	119	323999	20.848	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	158614	19.612	ug/l	94
88) 1,4-Dichlorobenzene	13.818	146	159836	20.113	ug/l	99
89) n-Butylbenzene	14.059	91	278157	20.544	ug/l	97
90) Hexachloroethane	14.341	117	55990	21.796	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	155125	19.887	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24348	21.695	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	88355	20.303	ug/l	97
94) Hexachlorobutadiene	15.512	225	31910	19.661	ug/l	96
95) Naphthalene	15.647	128	317922	19.936	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	85477	19.800	ug/l	96

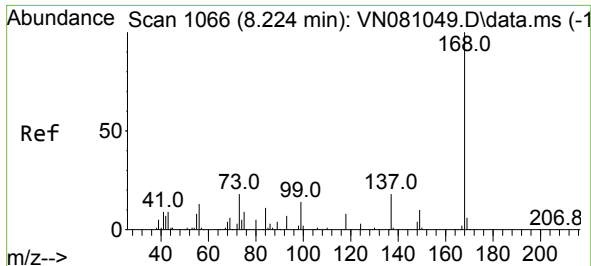
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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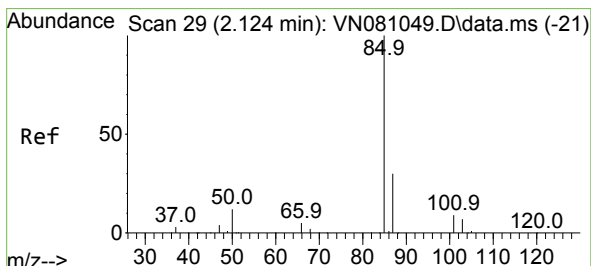
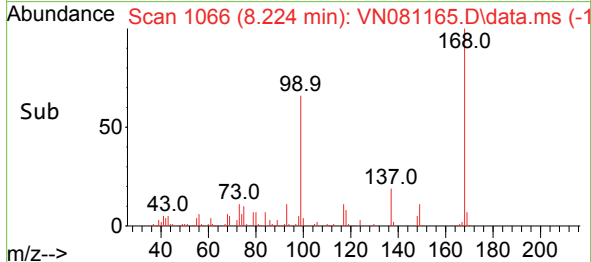
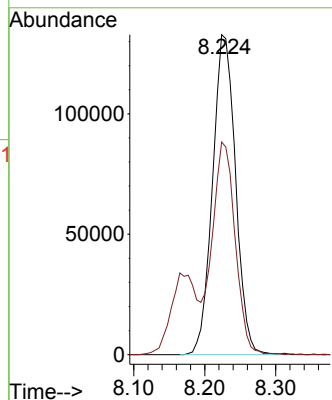
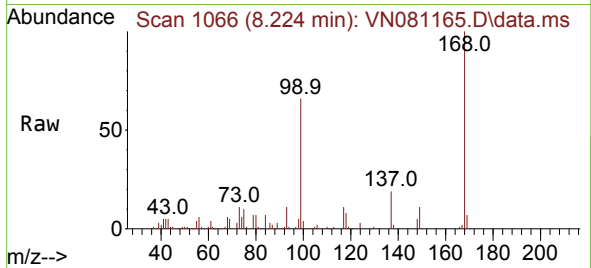
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

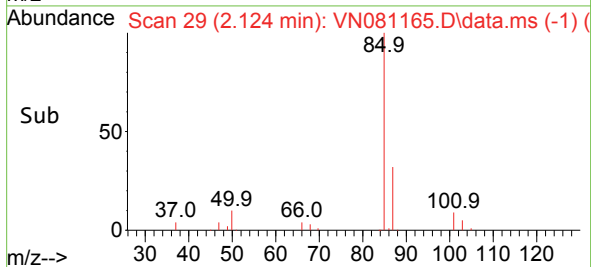
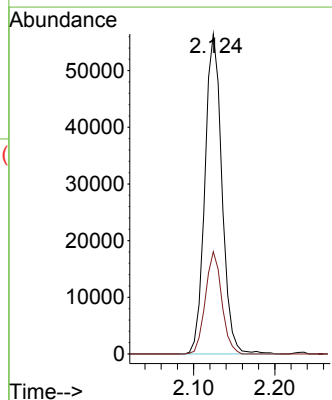
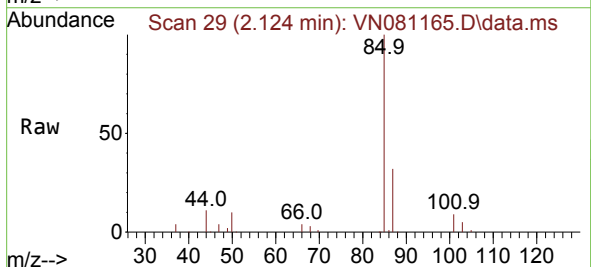
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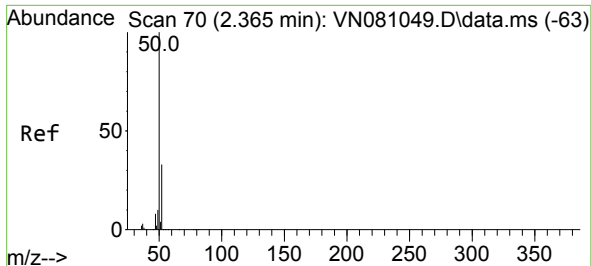
Tgt Ion:168 Resp: 298584
Ion Ratio Lower Upper
168 100
99 66.2 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 21.240 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 85 Resp: 82016
Ion Ratio Lower Upper
85 100
87 31.9 15.3 45.9

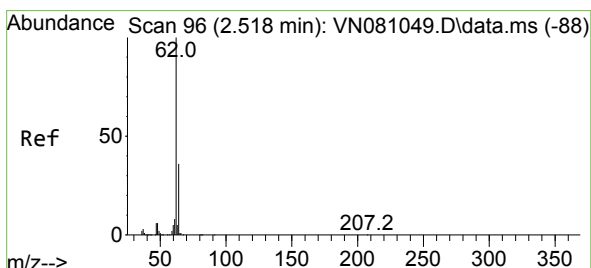
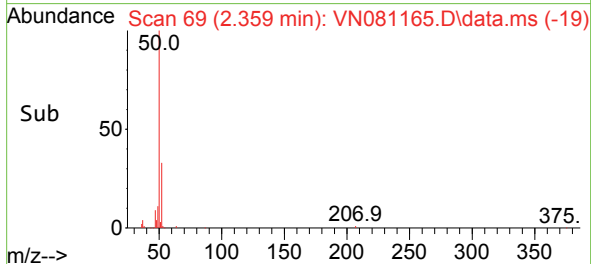
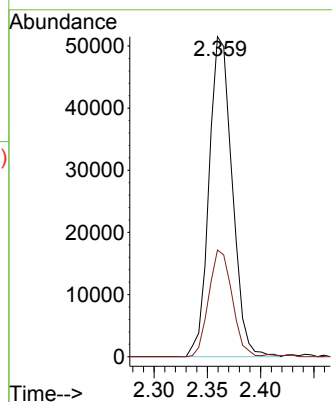
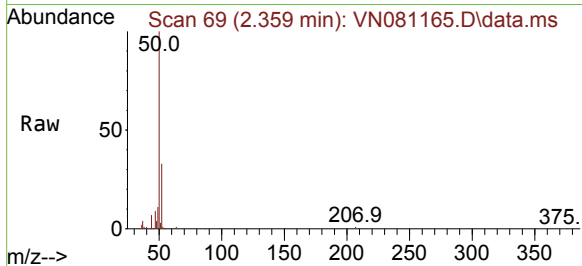




#3
Chloromethane
Concen: 17.718 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

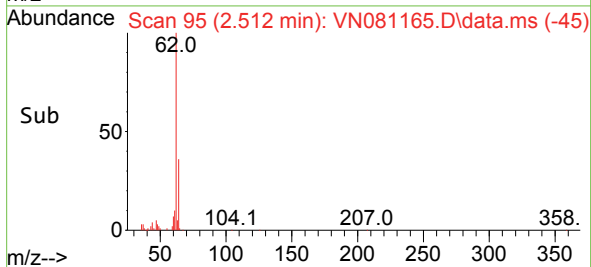
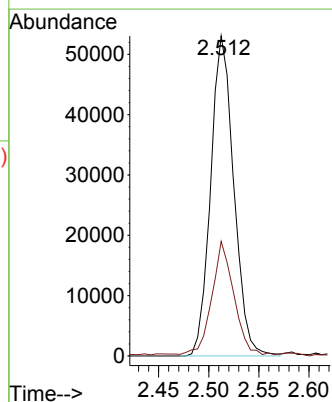
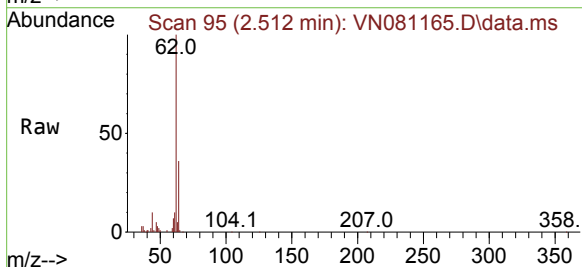
Instrument :
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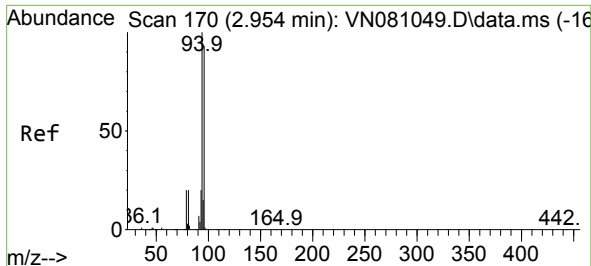
Tgt Ion: 50 Resp: 77856
Ion Ratio Lower Upper
50 100
52 33.4 25.0 37.4



#4
Vinyl Chloride
Concen: 19.890 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 62 Resp: 85310
Ion Ratio Lower Upper
62 100
64 35.3 22.7 34.1#

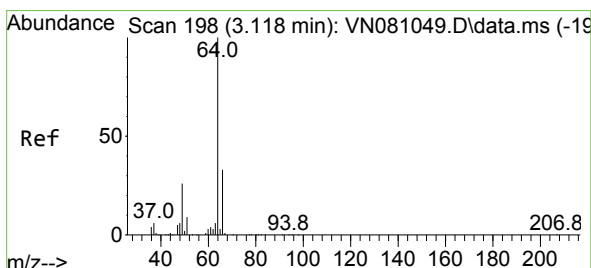
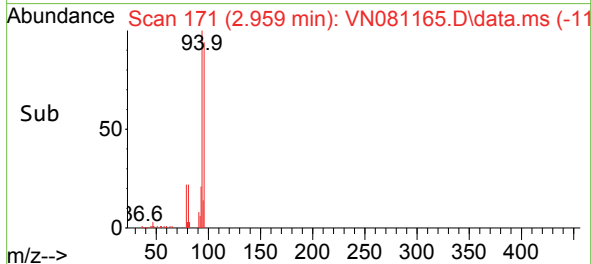
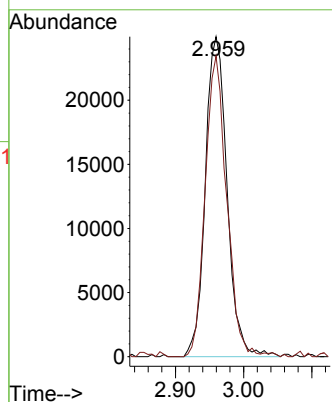
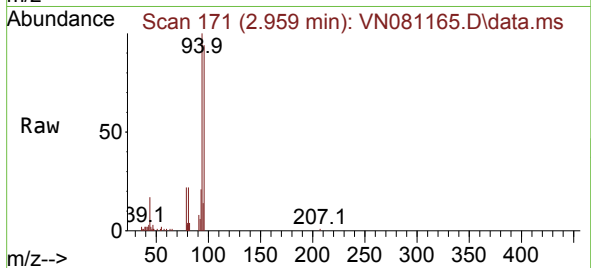




#5
Bromomethane
Concen: 18.198 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

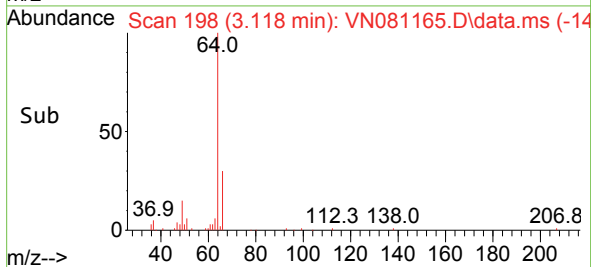
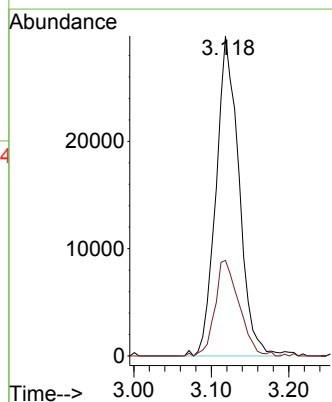
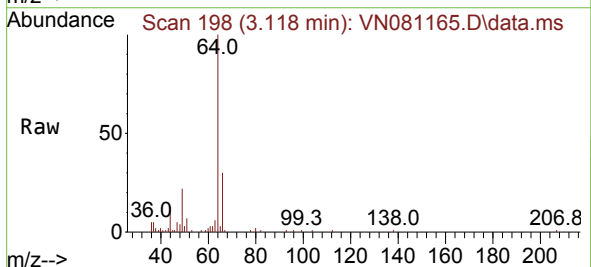
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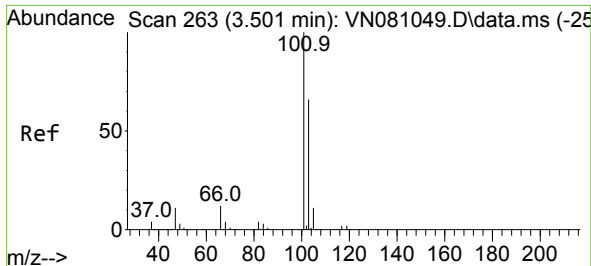
Tgt Ion: 94 Resp: 55440
Ion Ratio Lower Upper
94 100
96 93.9 69.2 103.8



#6
Chloroethane
Concen: 21.587 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 64 Resp: 61254
Ion Ratio Lower Upper
64 100
66 29.9 26.4 39.6

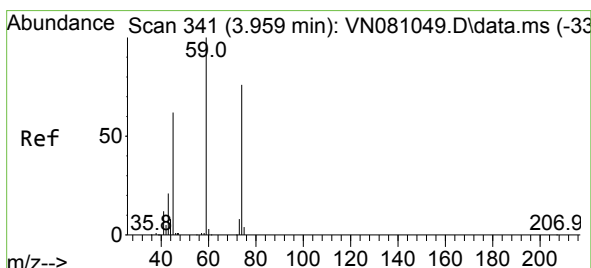
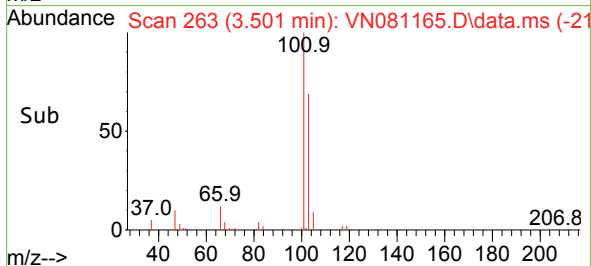
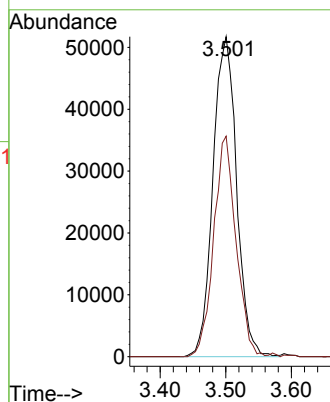
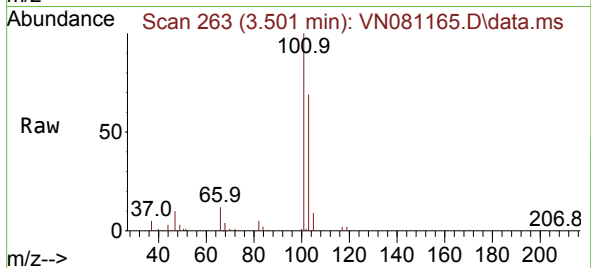




#7
Trichlorofluoromethane
Concen: 20.635 ug/l
RT: 3.501 min Scan# 206
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

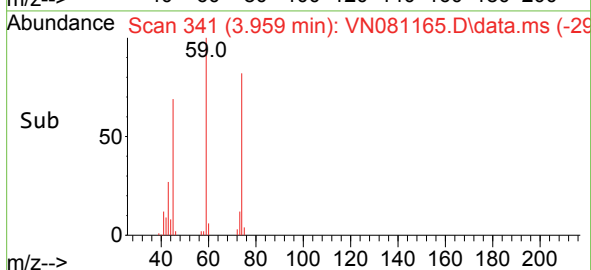
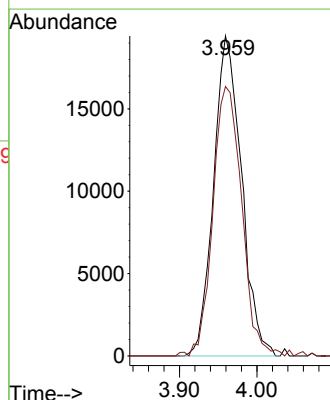
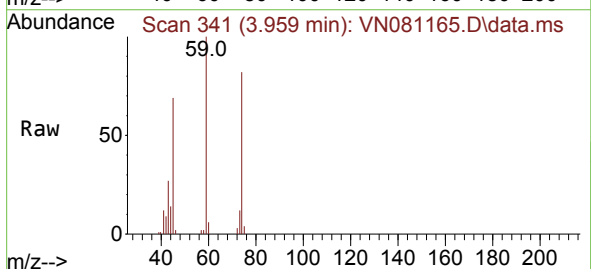
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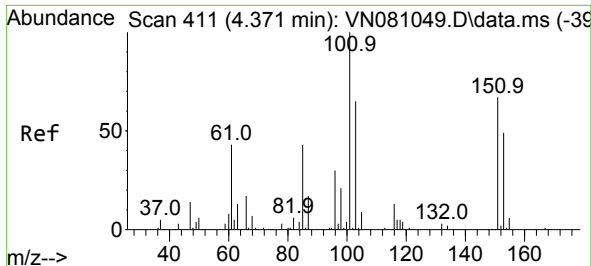
Tgt Ion:101 Resp: 129297
Ion Ratio Lower Upper
101 100
103 68.9 54.4 81.6



#8
Diethyl Ether
Concen: 21.181 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 74 Resp: 48524
Ion Ratio Lower Upper
74 100
45 87.0 53.3 159.9

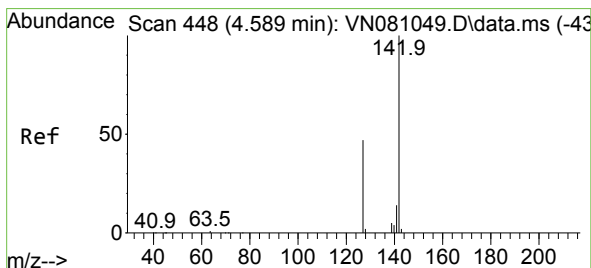
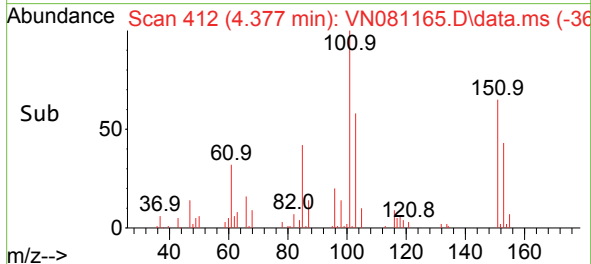
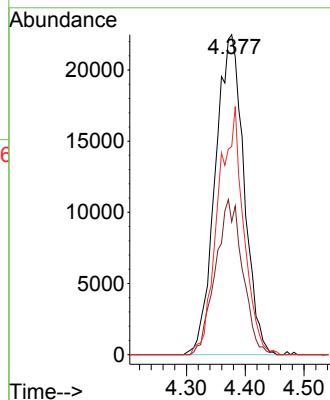
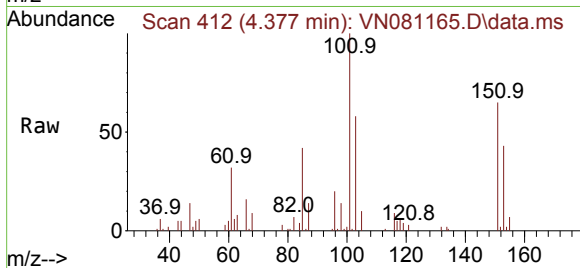




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.814 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081165.D
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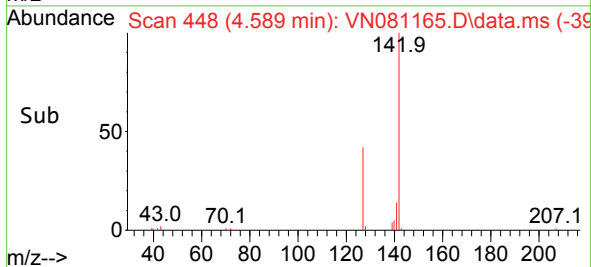
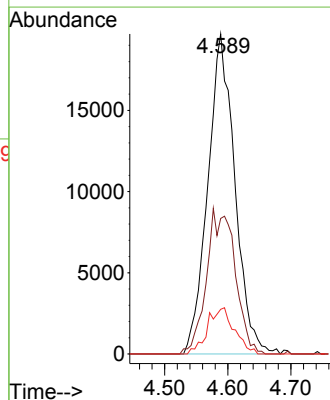
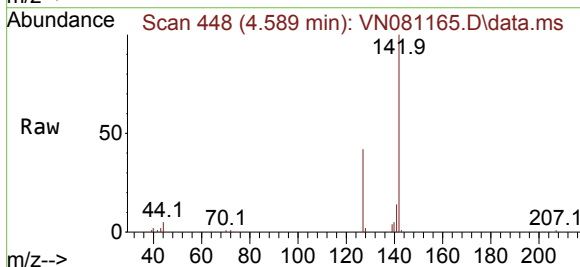
Instrument :
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ClientSampleId :
VN0223WBS02

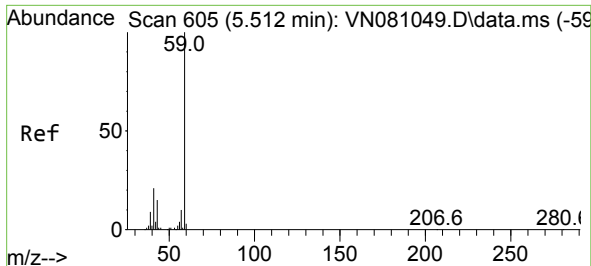
Tgt Ion:101 Resp: 76197
Ion Ratio Lower Upper
101 100
85 46.1 38.1 57.1
151 69.3 49.1 73.7



#10
Methyl Iodide
Concen: 15.044 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion:142 Resp: 58658
Ion Ratio Lower Upper
142 100
127 42.3 37.0 55.4
141 14.0 12.5 18.7

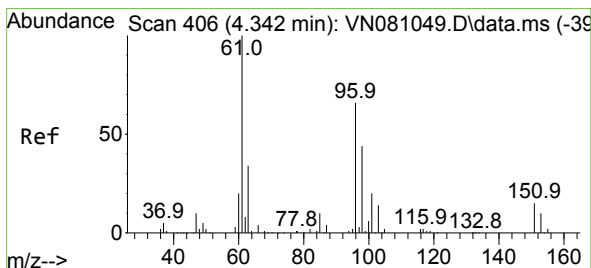
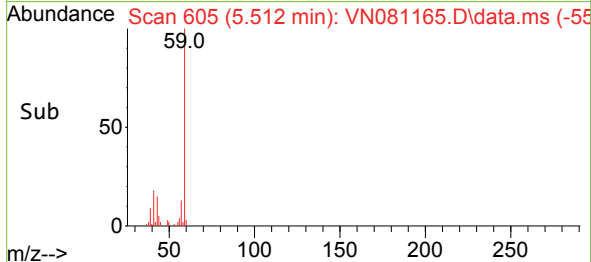
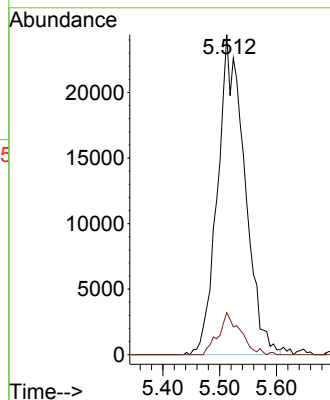
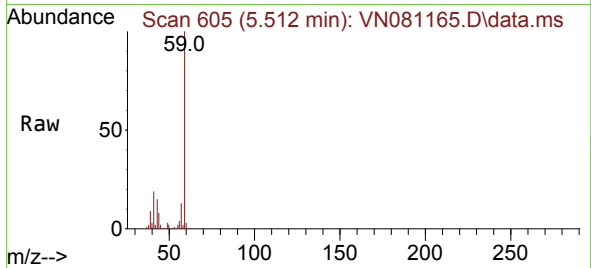




#11
Tert butyl alcohol
Concen: 119.909 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

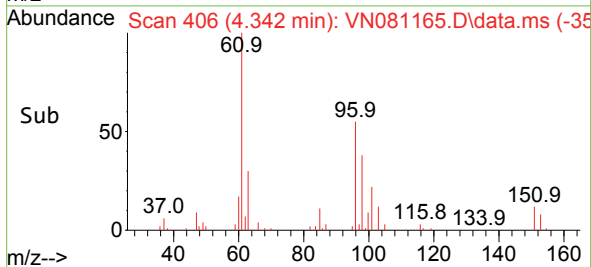
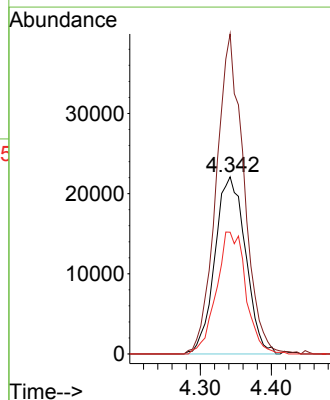
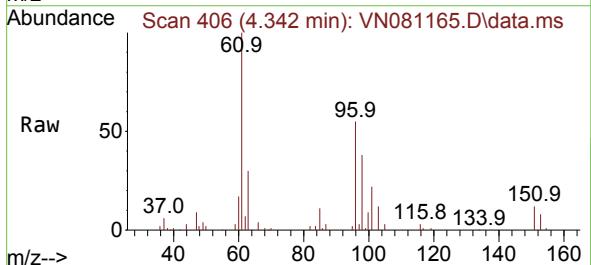
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

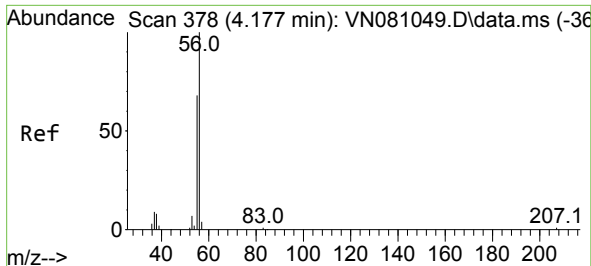
Tgt Ion: 59 Resp: 80705
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.595 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 96 Resp: 66163
Ion Ratio Lower Upper
96 100
61 180.7 138.2 207.4
98 68.7 49.2 73.8

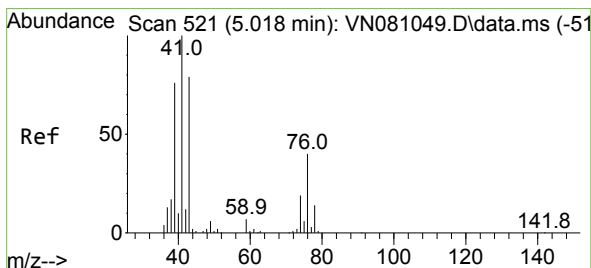
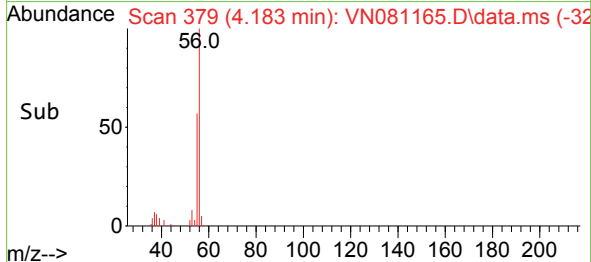
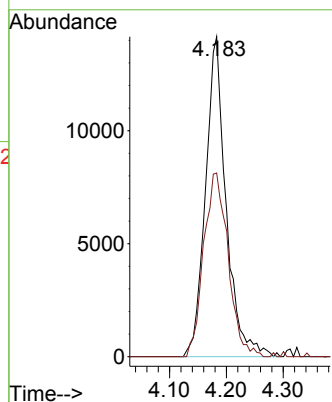
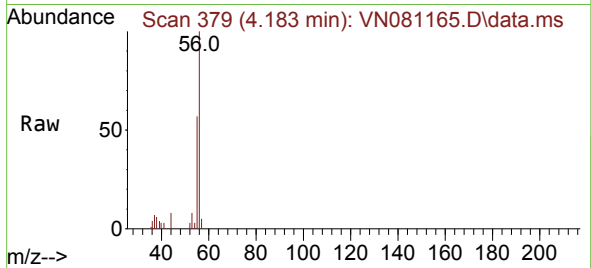




#13
Acrolein
Concen: 98.772 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

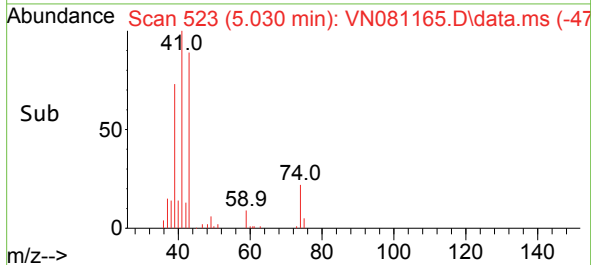
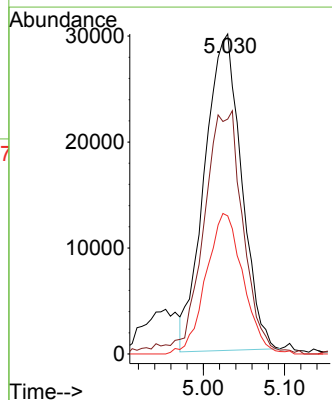
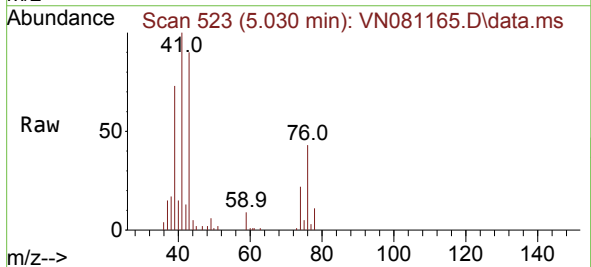
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

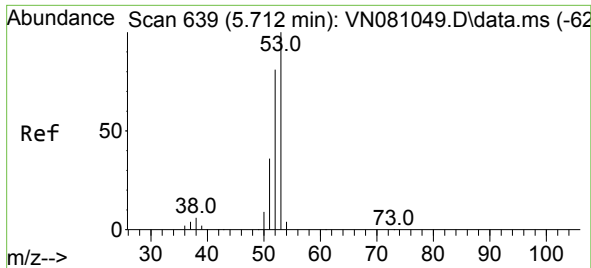
Tgt Ion: 56 Resp: 35631
Ion Ratio Lower Upper
56 100
55 68.4 55.3 82.9



#14
Allyl chloride
Concen: 18.890 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 41 Resp: 94643
Ion Ratio Lower Upper
41 100
39 82.9 57.7 86.5
76 44.6 26.8 40.2#

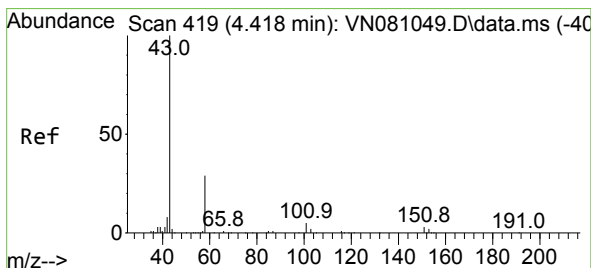
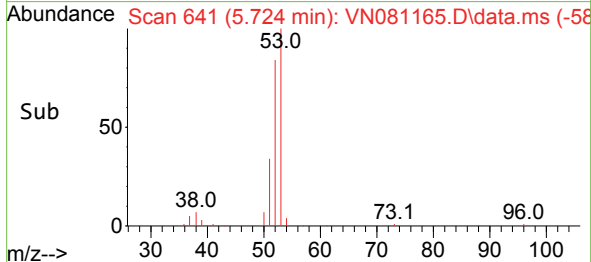
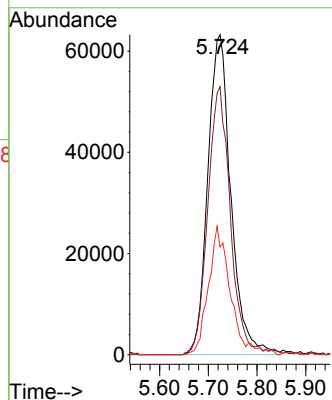
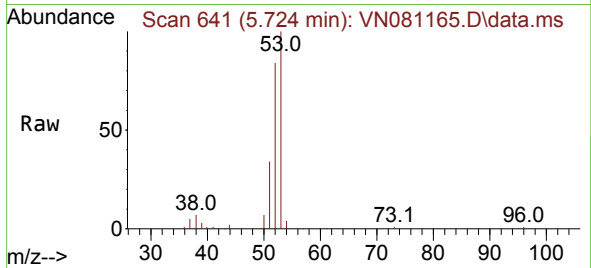




#15
Acrylonitrile
Concen: 118.522 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

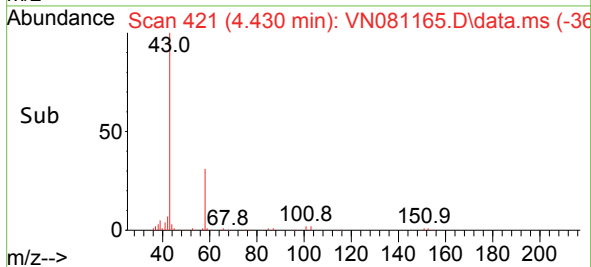
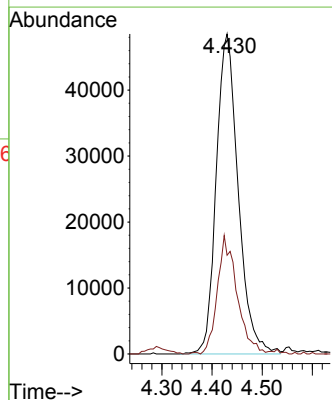
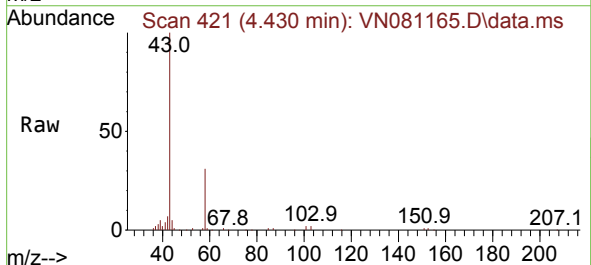
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

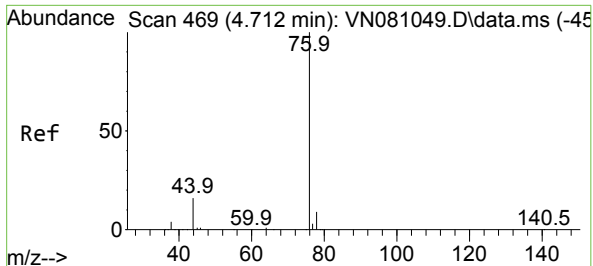
Tgt Ion: 53 Resp: 208337
Ion Ratio Lower Upper
53 100
52 81.5 64.8 97.2
51 38.1 26.9 40.3



#16
Acetone
Concen: 102.523 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 43 Resp: 147639
Ion Ratio Lower Upper
43 100
58 30.5 24.8 37.2

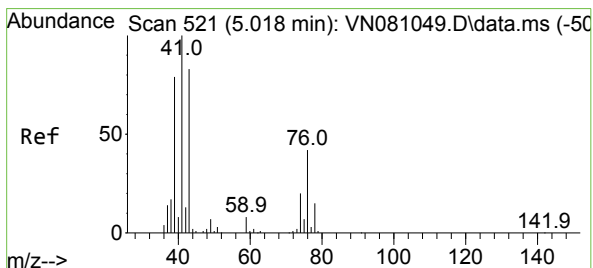
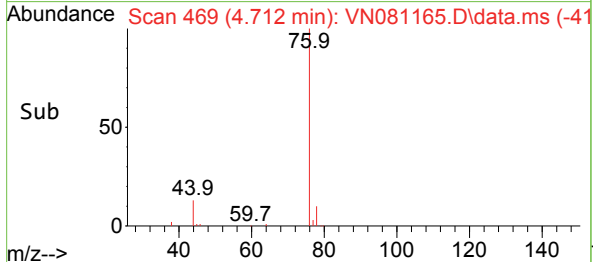
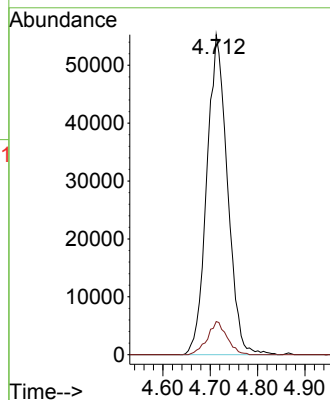
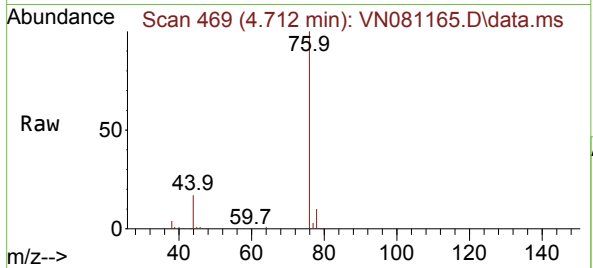




#17
Carbon Disulfide
Concen: 17.770 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

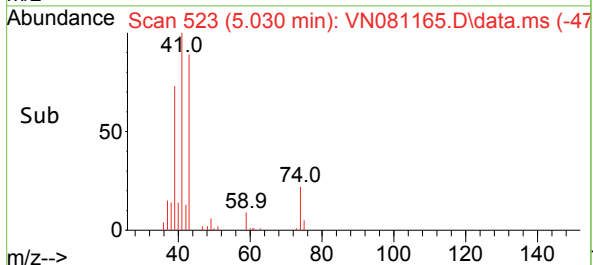
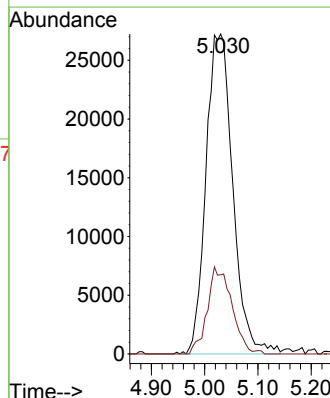
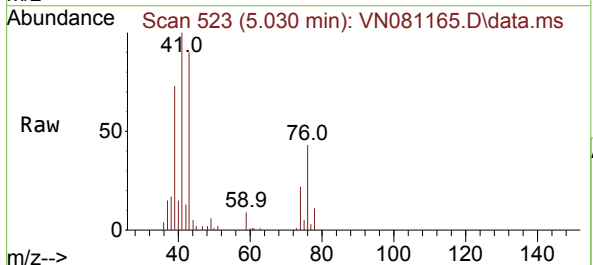
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

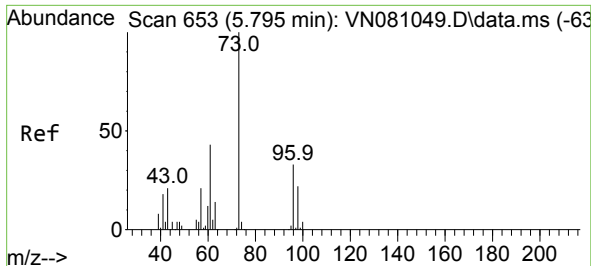
Tgt Ion: 76 Resp: 167360
Ion Ratio Lower Upper
76 100
78 10.4 6.3 9.5#



#18
Methyl Acetate
Concen: 27.129 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 43 Resp: 95303
Ion Ratio Lower Upper
43 100
74 24.9 17.3 25.9

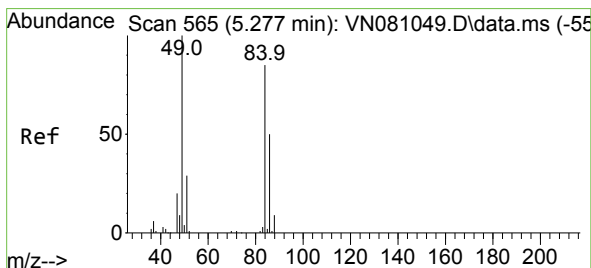
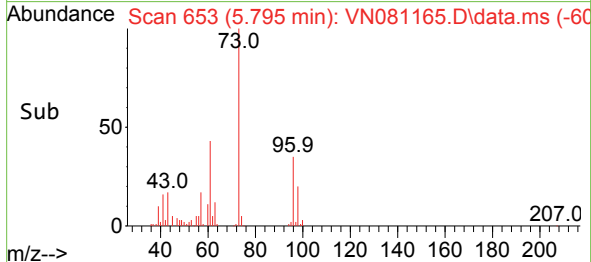
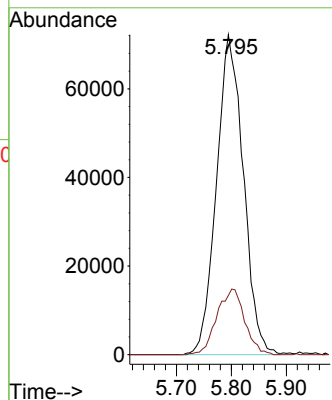
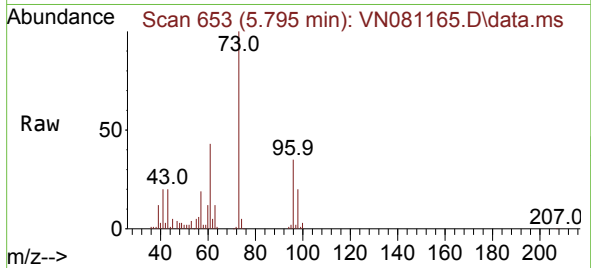




#19
Methyl tert-butyl Ether
Concen: 21.177 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

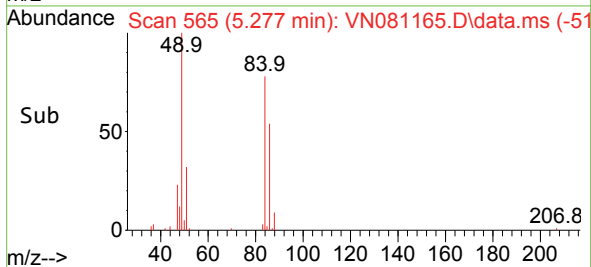
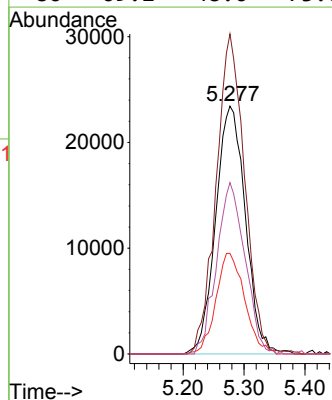
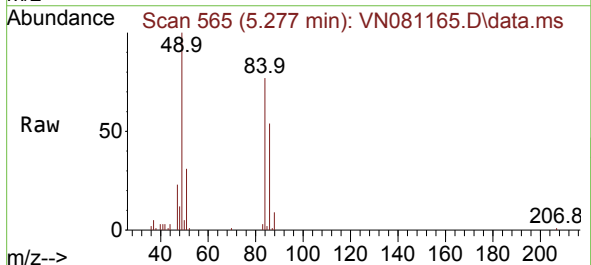
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

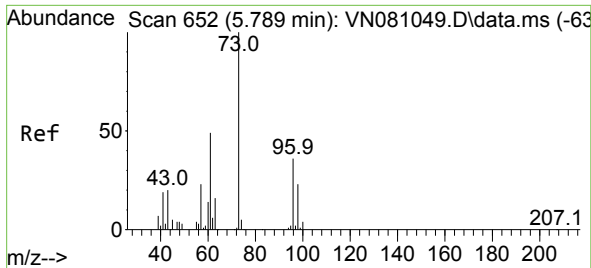
Tgt Ion: 73 Resp: 244907
Ion Ratio Lower Upper
73 100
57 18.5 18.2 27.4



#20
Methylene Chloride
Concen: 20.749 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 84 Resp: 79324
Ion Ratio Lower Upper
84 100
49 129.1 108.1 162.1
51 40.6 32.9 49.3
86 69.2 48.6 73.0

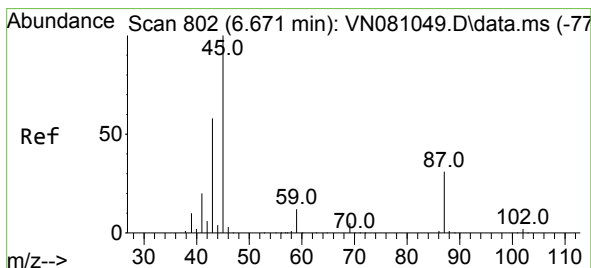
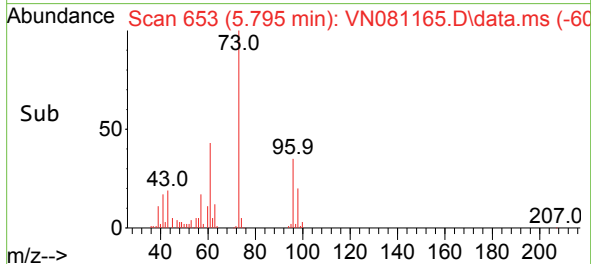
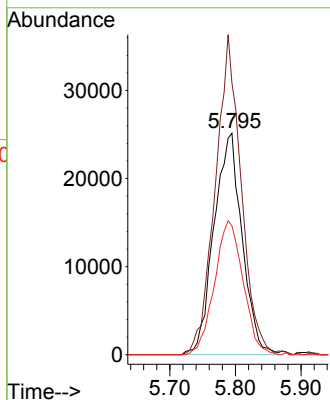
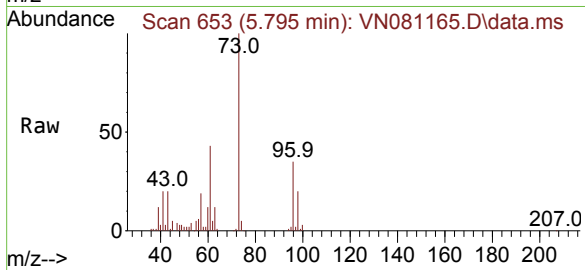




#21
trans-1,2-Dichloroethene
Concen: 19.866 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

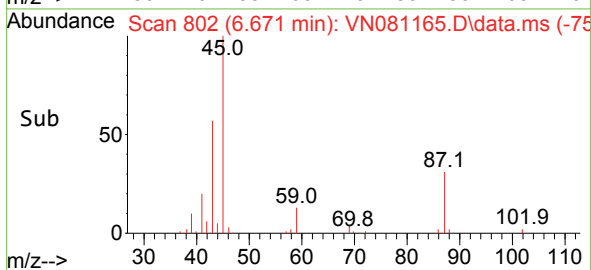
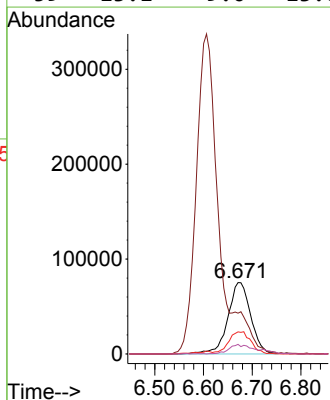
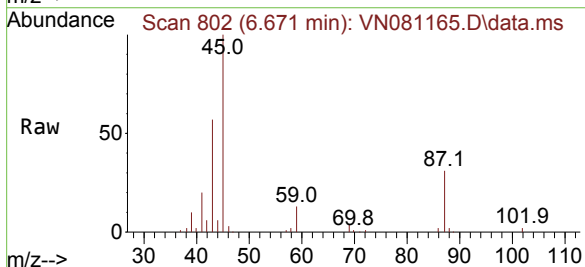
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

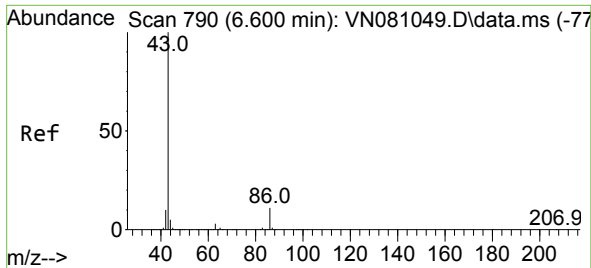
Tgt Ion: 96 Resp: 74842
Ion Ratio Lower Upper
96 100
61 122.6 112.8 169.2
98 58.1 51.0 76.4



#22
Diisopropyl ether
Concen: 21.490 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 45 Resp: 244230
Ion Ratio Lower Upper
45 100
43 56.2 41.8 62.8
87 30.8 18.1 27.1#
59 13.1 9.0 13.6

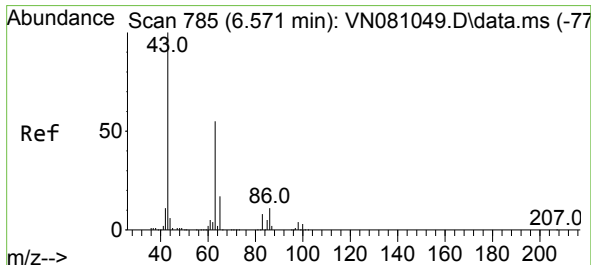
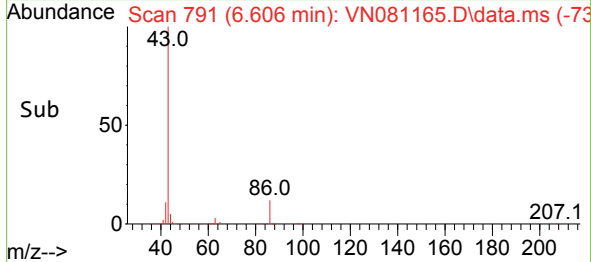
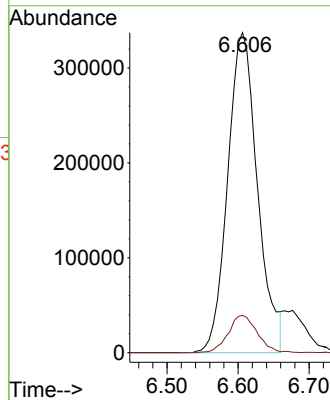
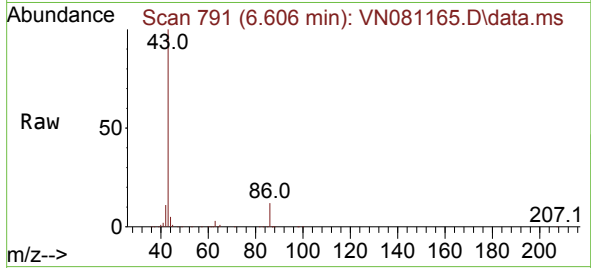




#23
 Vinyl Acetate
 Concen: 106.970 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081165.D
 Acq: 23 Feb 2024 17:44

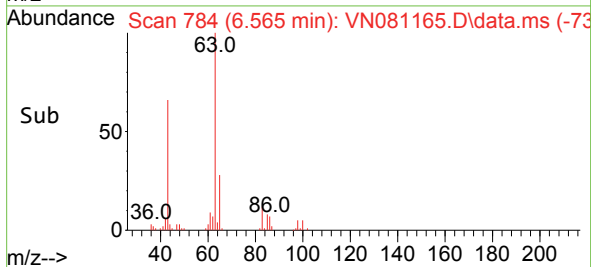
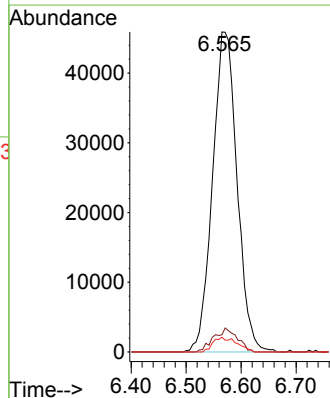
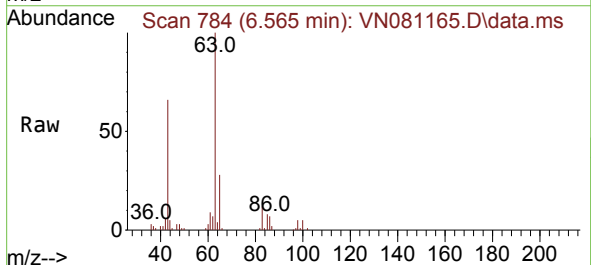
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS02

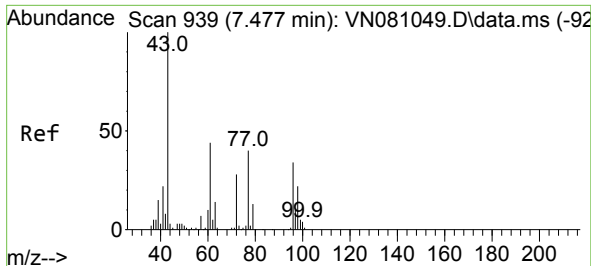
Tgt Ion: 43 Resp: 986356
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 21.619 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081165.D
 Acq: 23 Feb 2024 17:44

Tgt Ion: 63 Resp: 142069
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.9 8.6
 100 4.6 1.9 5.7

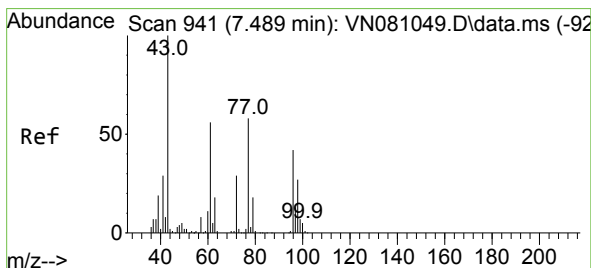
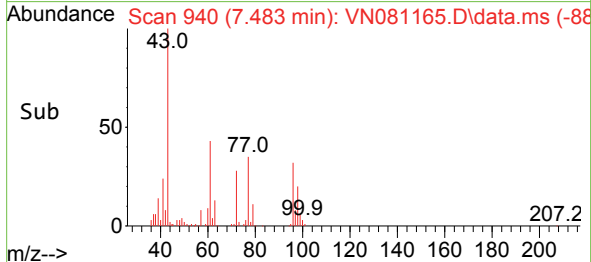
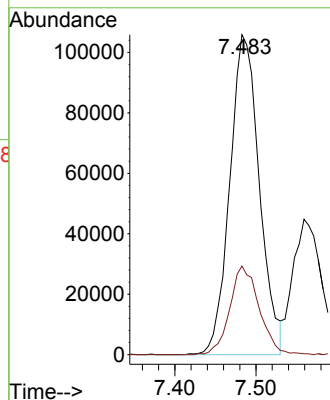
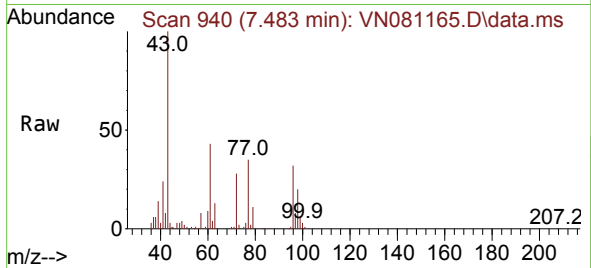




#25
2-Butanone
Concen: 115.194 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

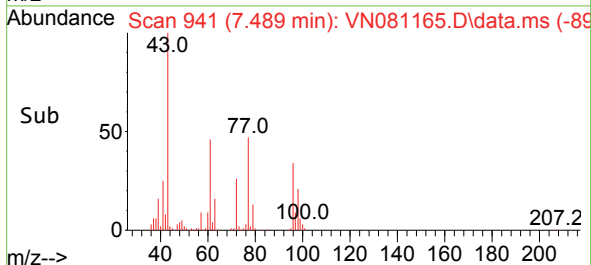
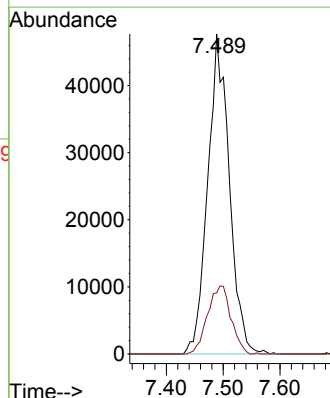
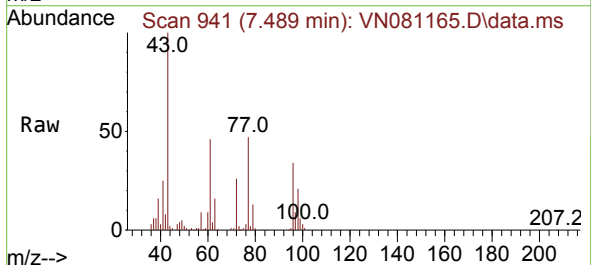
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

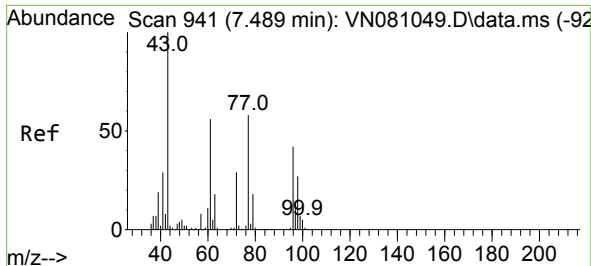
Tgt Ion: 43 Resp: 267993
Ion Ratio Lower Upper
43 100
72 27.7 19.5 29.3



#26
2,2-Dichloropropane
Concen: 20.411 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 77 Resp: 125678
Ion Ratio Lower Upper
77 100
97 23.1 11.5 34.5

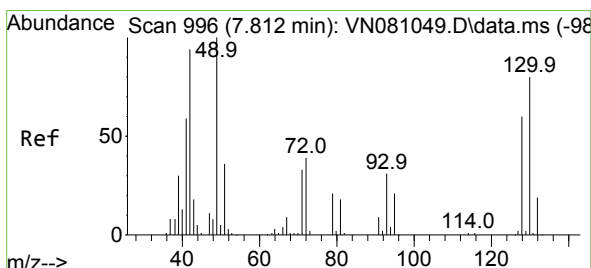
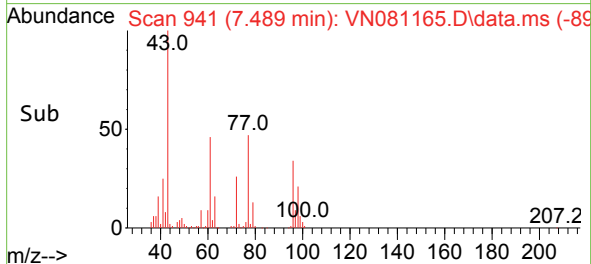
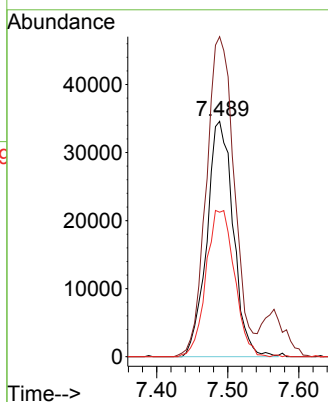
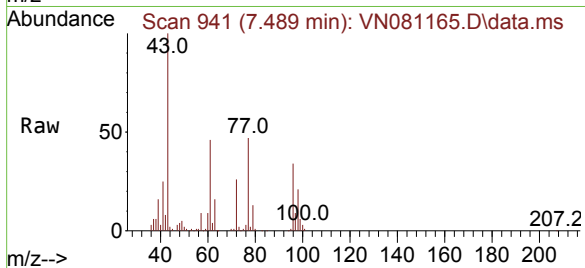




#27
 cis-1,2-Dichloroethene
 Concen: 20.401 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081165.D
 Acq: 23 Feb 2024 17:44

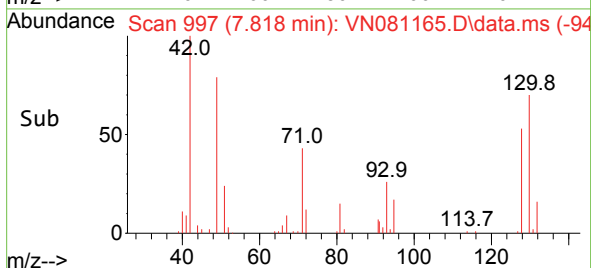
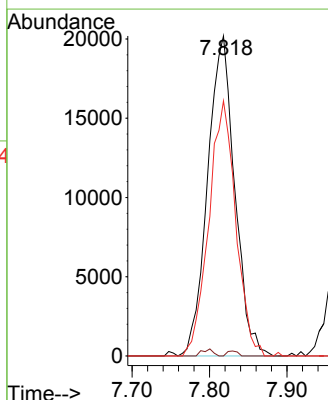
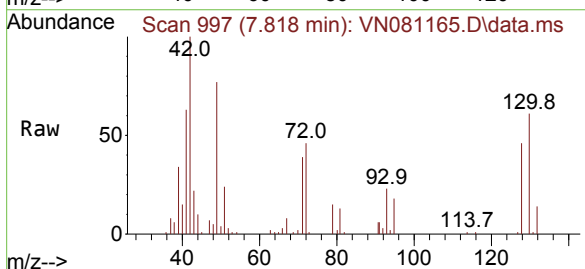
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS02

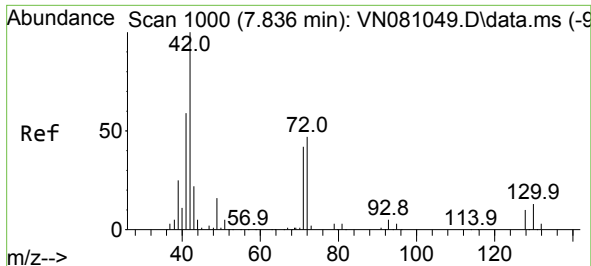
Tgt Ion: 96 Resp: 89297
 Ion Ratio Lower Upper
 96 100
 61 144.4 0.0 325.4
 98 67.1 0.0 130.4



#28
 Bromochloromethane
 Concen: 18.022 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081165.D
 Acq: 23 Feb 2024 17:44

Tgt Ion: 49 Resp: 49098
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 1.6
 130 79.1 42.3 63.5#





#29

Tetrahydrofuran

Concen: 118.875 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02

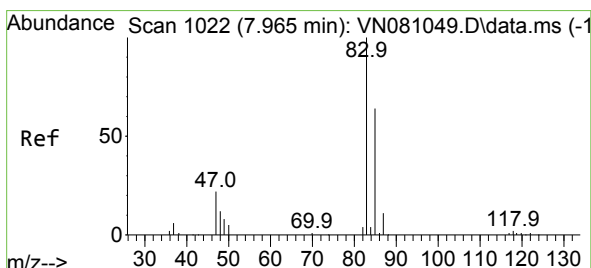
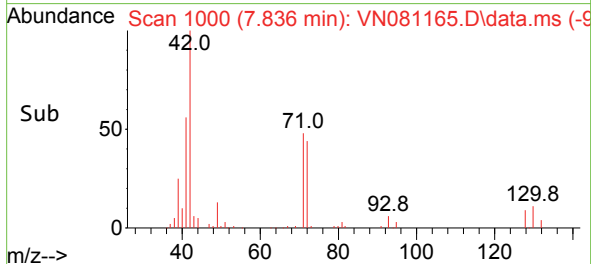
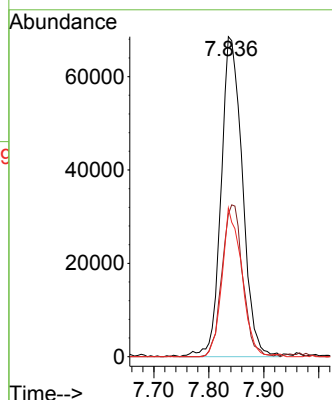
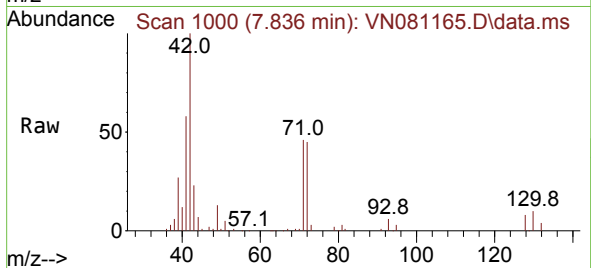
Tgt Ion: 42 Resp: 184615

Ion Ratio Lower Upper

42 100

72 46.3 31.1 46.7

71 43.1 28.3 42.5#



#30

Chloroform

Concen: 21.960 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN081165.D

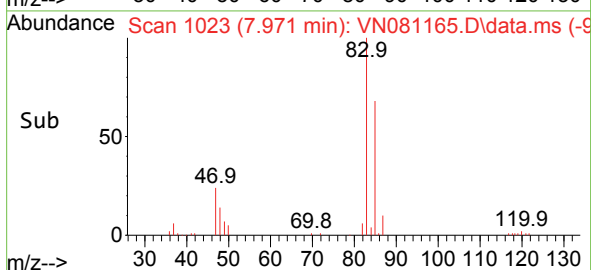
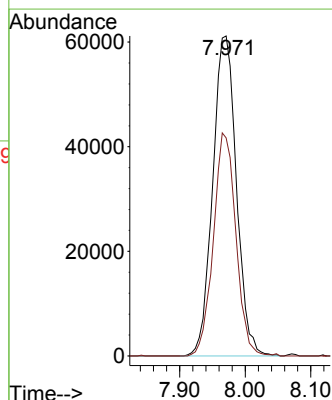
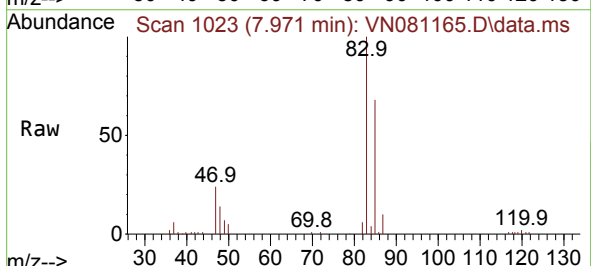
Acq: 23 Feb 2024 17:44

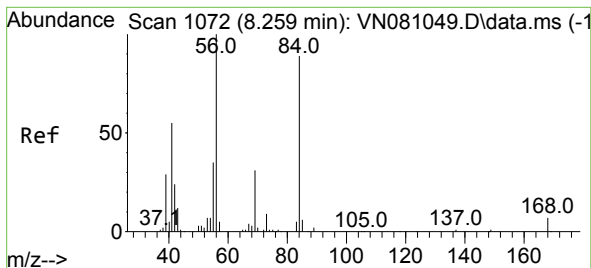
Tgt Ion: 83 Resp: 153409

Ion Ratio Lower Upper

83 100

85 68.1 51.0 76.6





#31

Cyclohexane

Concen: 20.332 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02

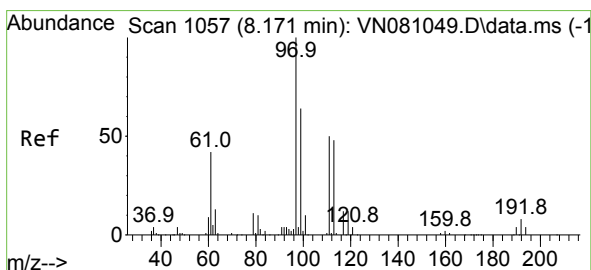
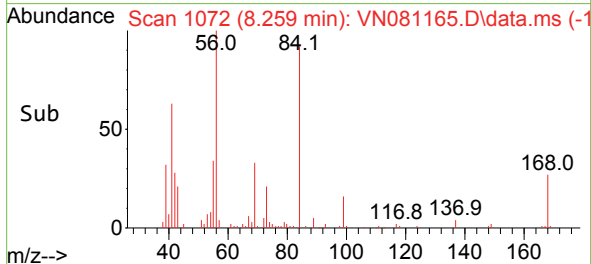
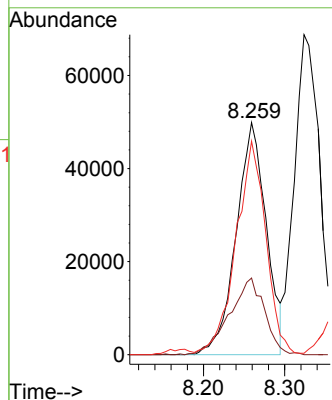
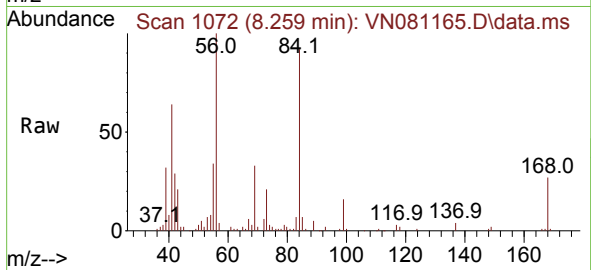
Tgt Ion: 56 Resp: 128482

Ion Ratio Lower Upper

56 100

69 32.7 20.1 30.1#

84 89.7 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 21.324 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

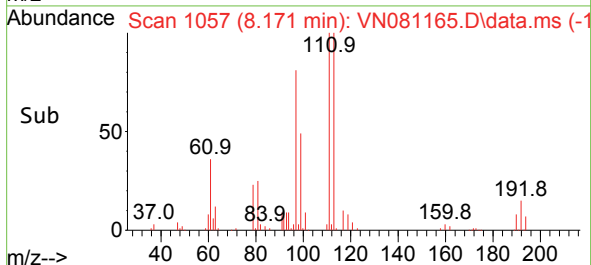
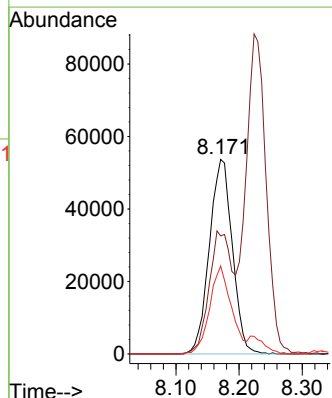
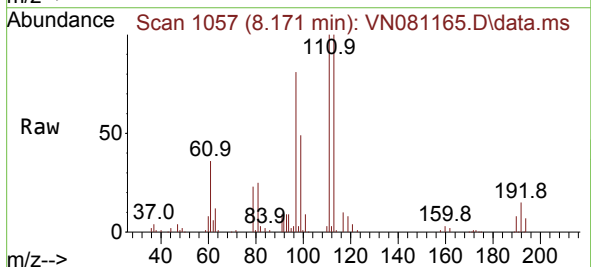
Tgt Ion: 97 Resp: 135672

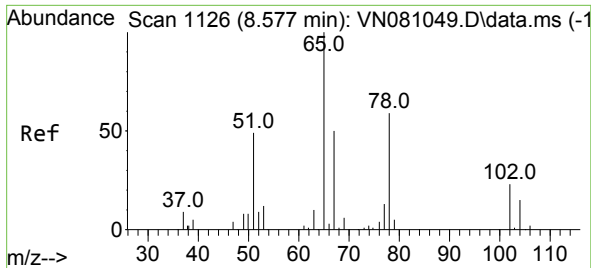
Ion Ratio Lower Upper

97 100

99 63.7 53.4 80.0

61 43.2 43.8 65.8#

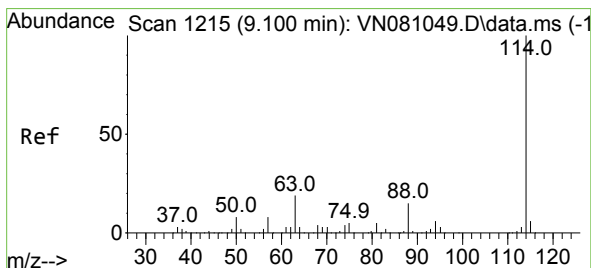
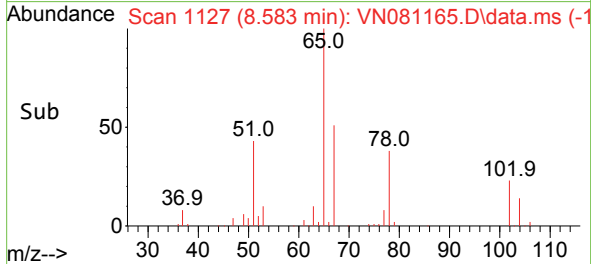
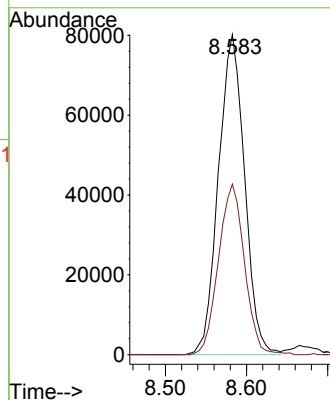
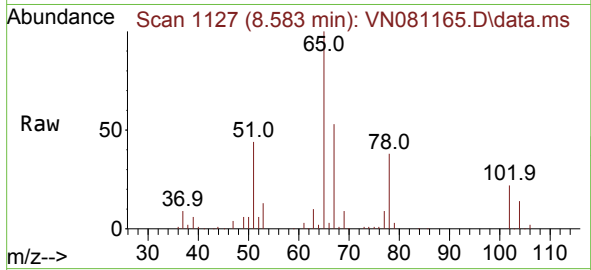




#33
 1,2-Dichloroethane-d4
 Concen: 48.994 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN081165.D
 Acq: 23 Feb 2024 17:44

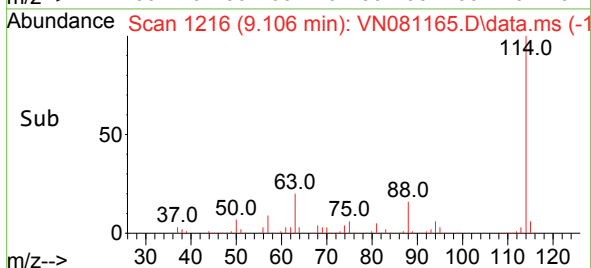
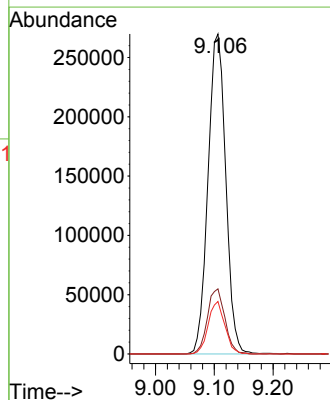
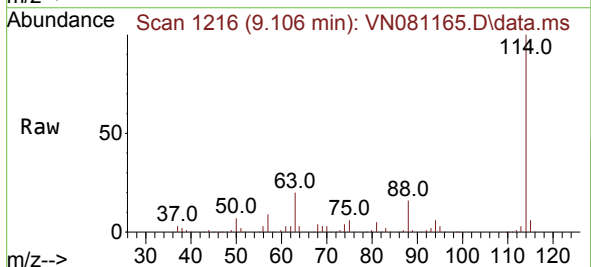
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS02

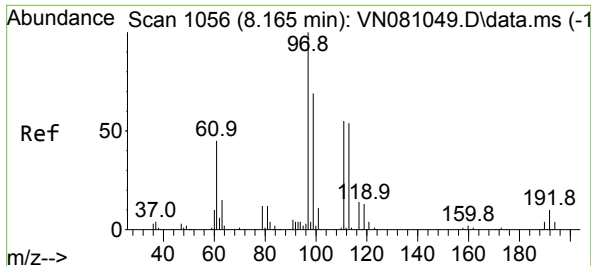
Tgt Ion: 65 Resp: 179309
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN081165.D
 Acq: 23 Feb 2024 17:44

Tgt Ion: 114 Resp: 566211
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 48.0
 88 16.4 0.0 34.8

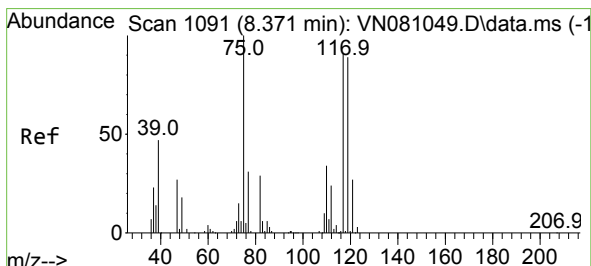
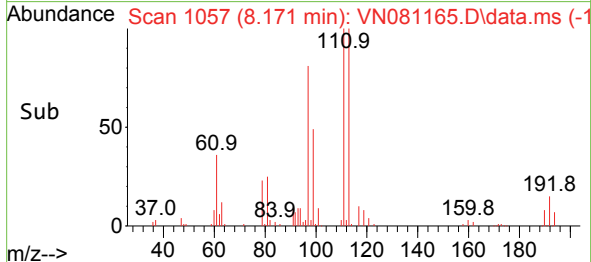
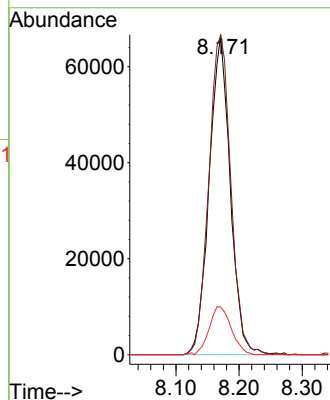
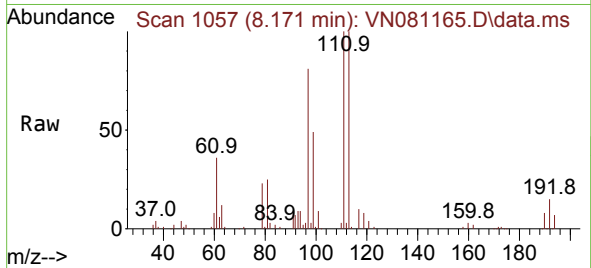




#35
Dibromofluoromethane
Concen: 47.946 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

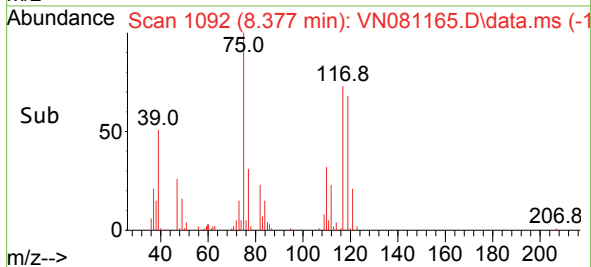
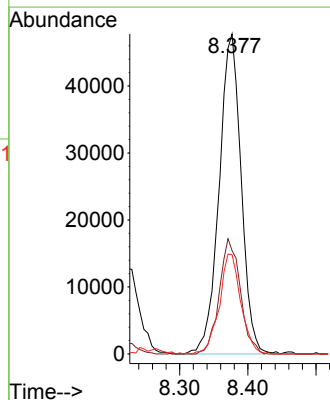
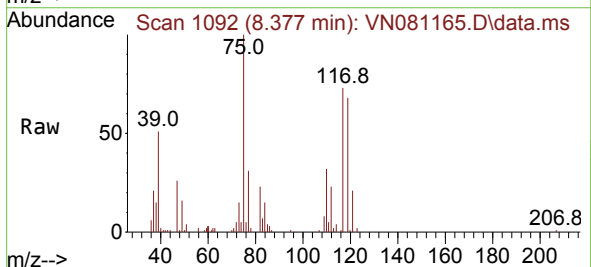
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

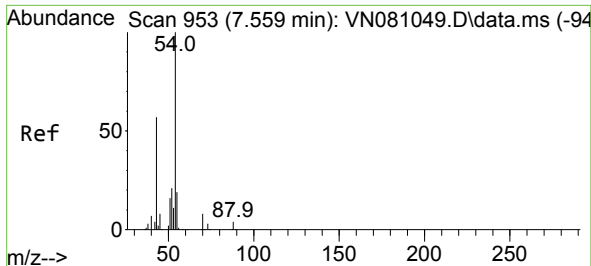
Tgt Ion:113 Resp: 153510
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 15.9 12.5 18.7



#36
1,1-Dichloropropene
Concen: 19.582 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 75 Resp: 107411
Ion Ratio Lower Upper
75 100
110 34.5 16.0 48.0
77 30.6 25.8 38.6

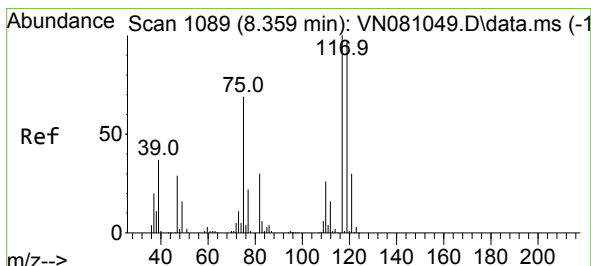
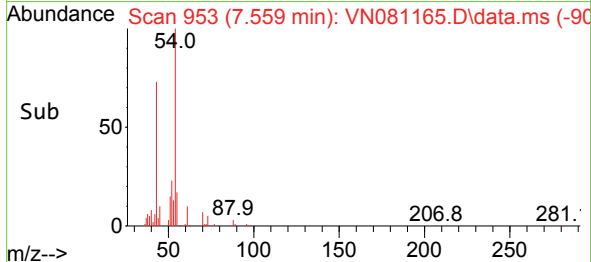
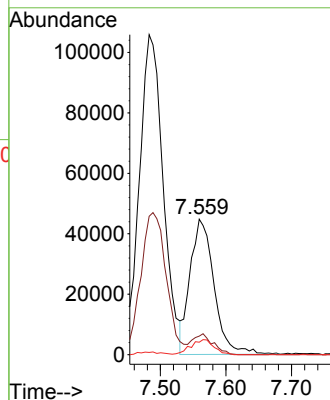
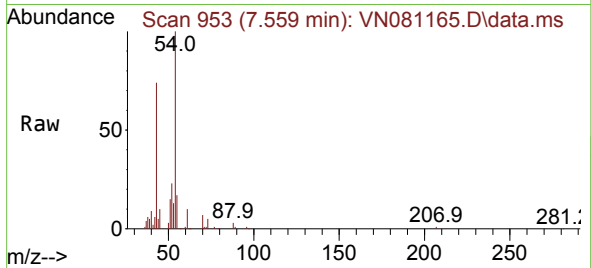




#37
Ethyl Acetate
Concen: 23.017 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

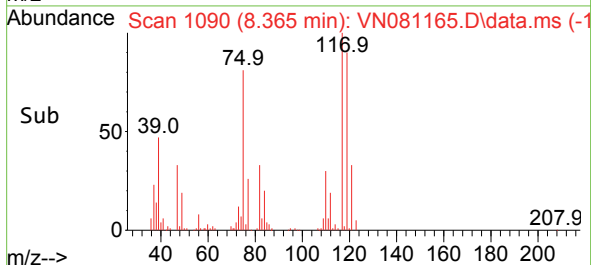
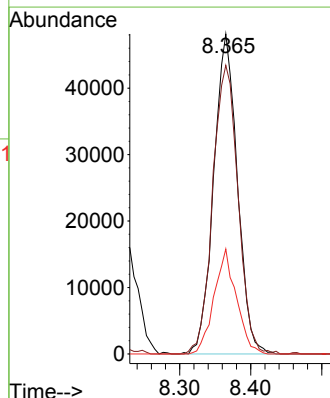
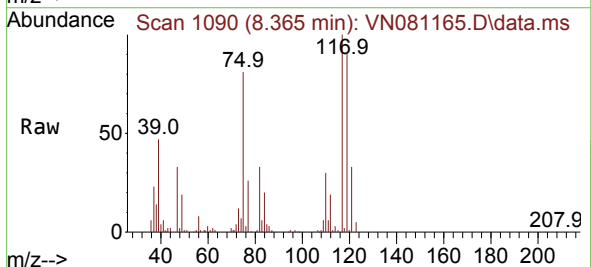
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

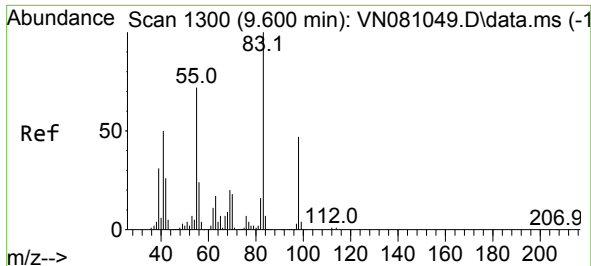
Tgt Ion: 43 Resp: 113945
Ion Ratio Lower Upper
43 100
61 12.9 10.6 15.8
70 10.7 8.0 12.0



#38
Carbon Tetrachloride
Concen: 20.048 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 117 Resp: 111258
Ion Ratio Lower Upper
117 100
119 90.2 73.4 110.2
121 32.8 24.4 36.6

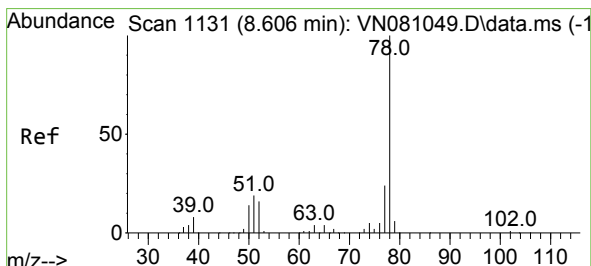
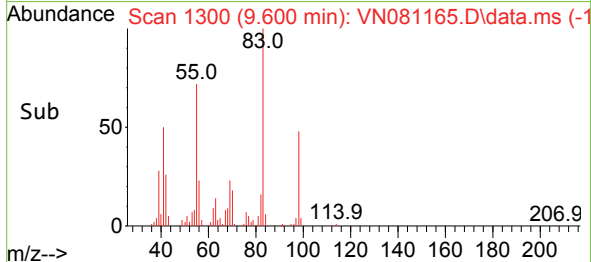
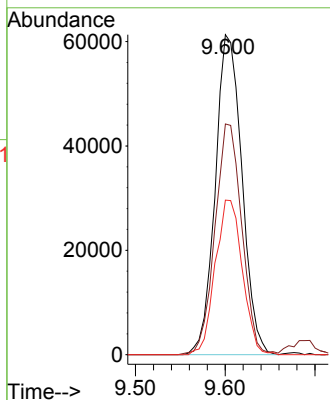
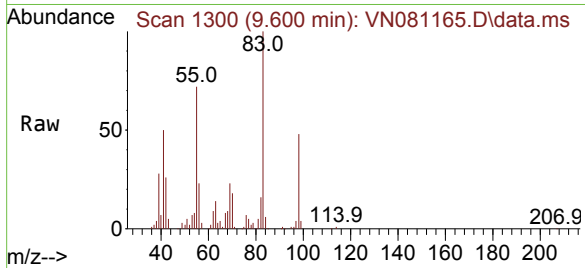




#39
Methylcyclohexane
Concen: 19.819 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

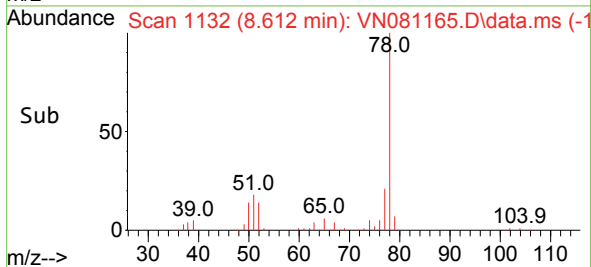
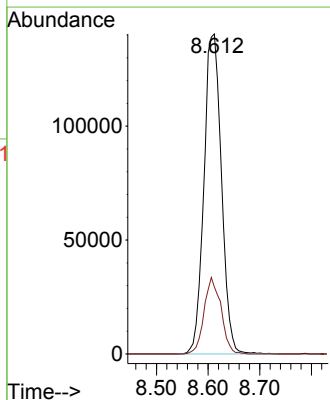
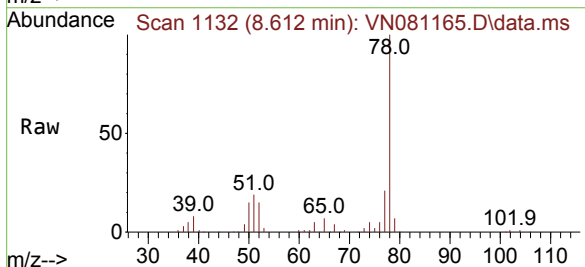
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

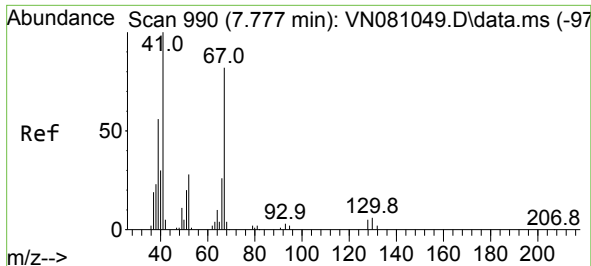
Tgt Ion: 83 Resp: 126731
Ion Ratio Lower Upper
83 100
55 72.1 65.7 98.5
98 48.3 33.8 50.6



#40
Benzene
Concen: 20.831 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 78 Resp: 330735
Ion Ratio Lower Upper
78 100
77 21.0 20.4 30.6

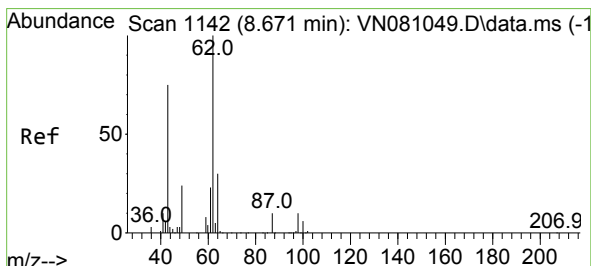
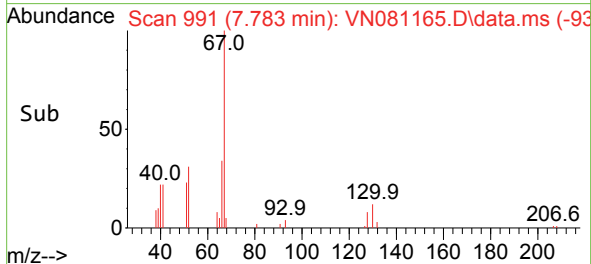
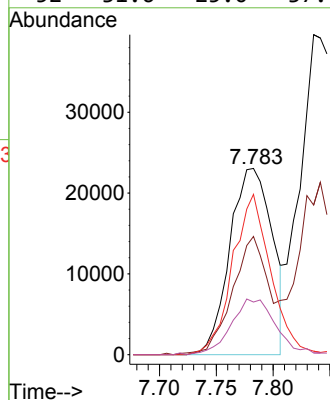
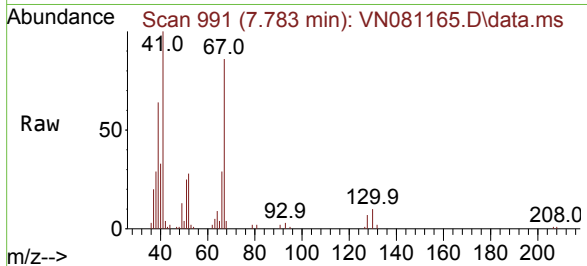




#41
Methacrylonitrile
Concen: 21.194 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

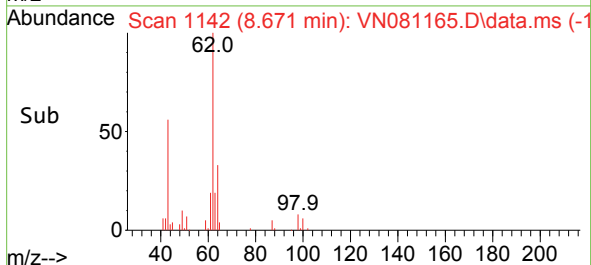
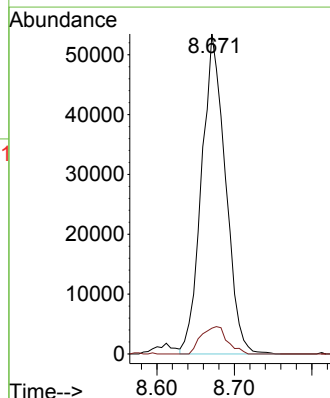
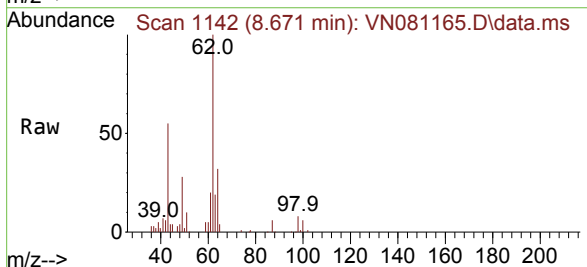
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

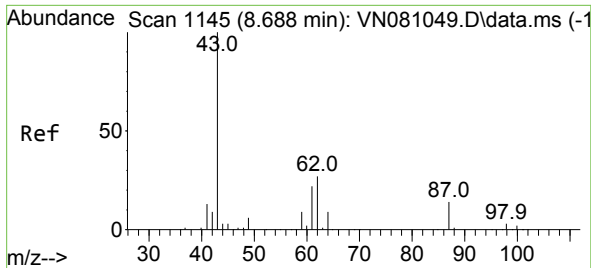
Tgt Ion:	41	Resp:	59713
Ion	Ratio	Lower	Upper
41	100		
39	56.0	48.4	72.6
67	78.2	56.8	85.2
52	31.6	25.0	37.4



#42
1,2-Dichloroethane
Concen: 20.623 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion:	62	Resp:	114239
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

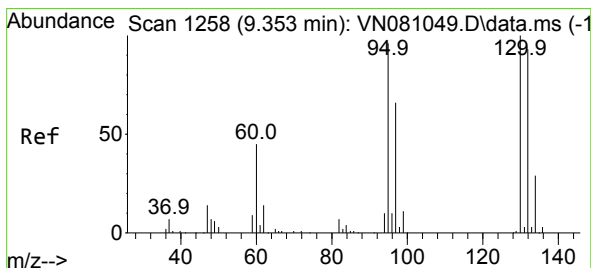
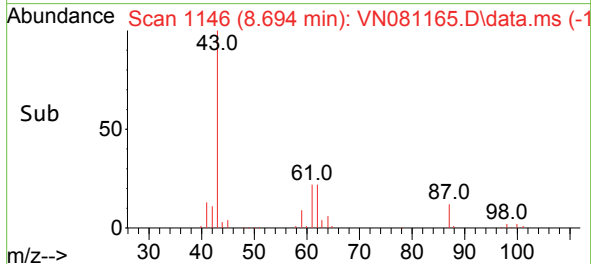
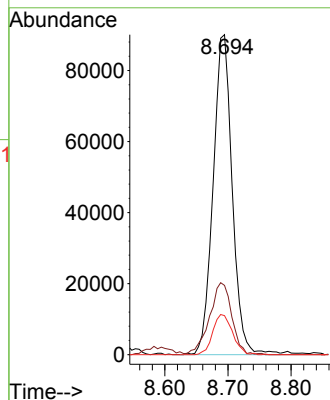
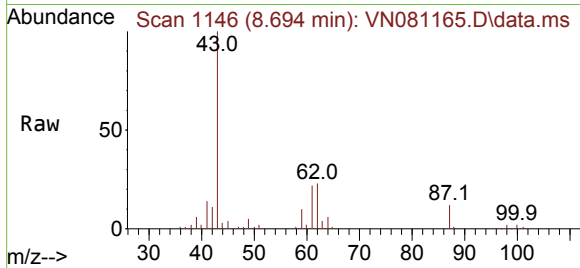




#43
Isopropyl Acetate
Concen: 21.877 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

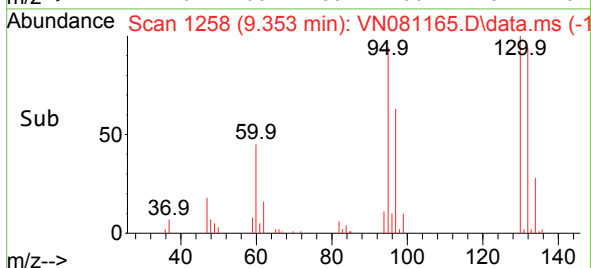
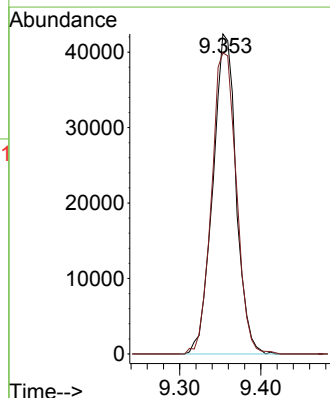
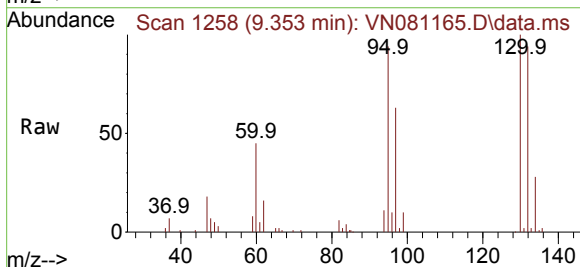
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

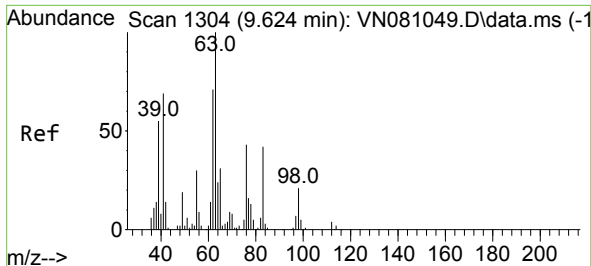
Tgt Ion: 43 Resp: 189417
Ion Ratio Lower Upper
43 100
61 26.3 19.9 29.9
87 13.0 9.0 13.6



#44
Trichloroethene
Concen: 19.993 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion:130 Resp: 84548
Ion Ratio Lower Upper
130 100
95 94.1 0.0 210.4

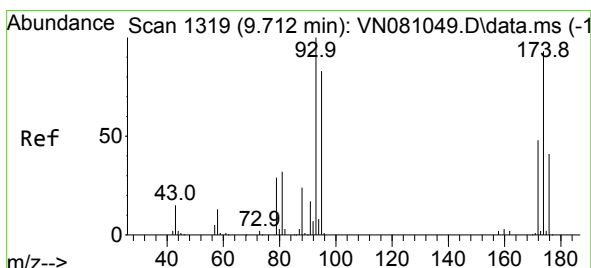
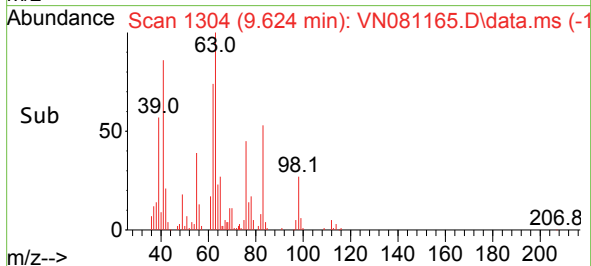
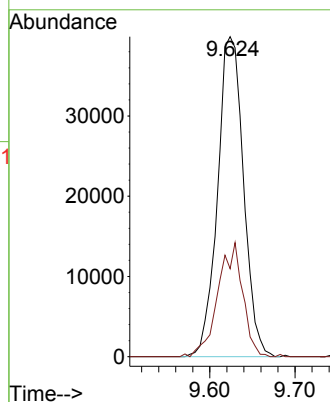
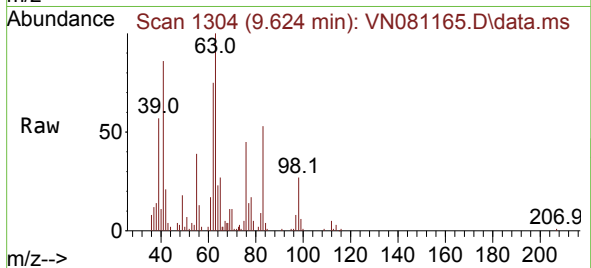




#45
1,2-Dichloropropane
Concen: 21.252 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

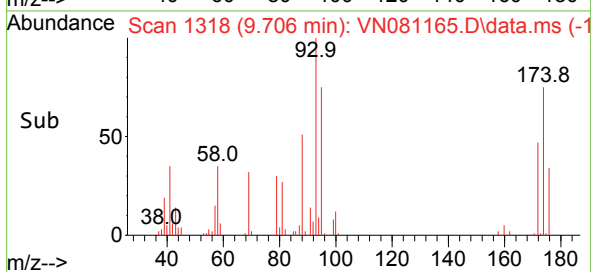
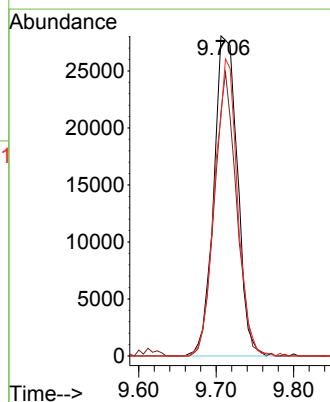
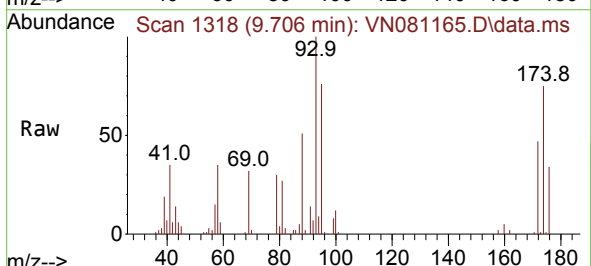
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

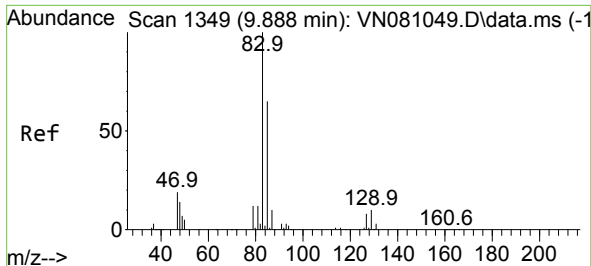
Tgt Ion: 63 Resp: 84403
Ion Ratio Lower Upper
63 100
65 27.5 26.1 39.1



#46
Dibromomethane
Concen: 20.585 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 93 Resp: 59568
Ion Ratio Lower Upper
93 100
95 83.0 68.1 102.1
174 89.6 57.2 85.8#

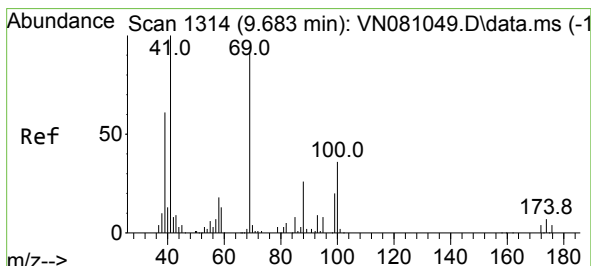
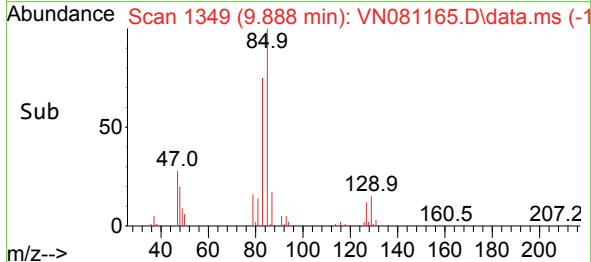
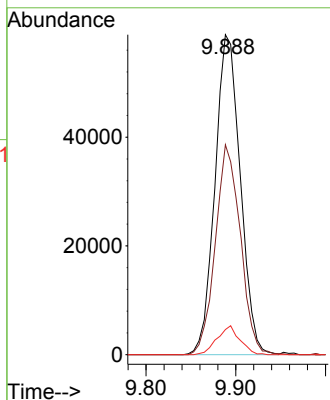
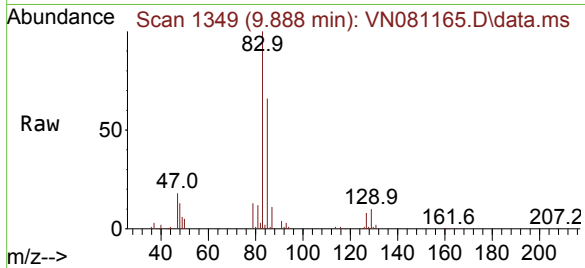




#47
Bromodichloromethane
Concen: 21.003 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

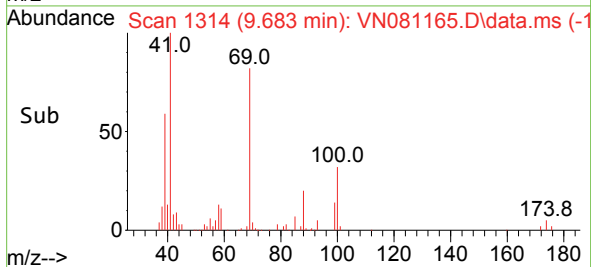
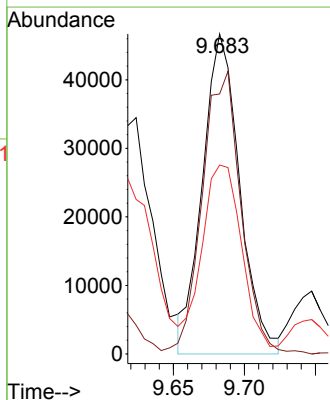
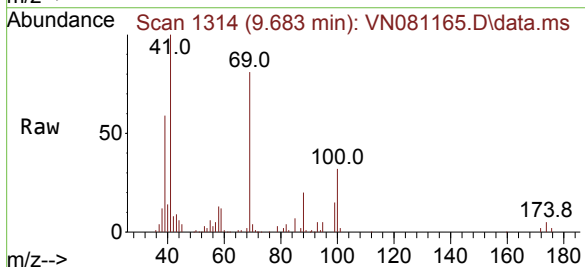
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

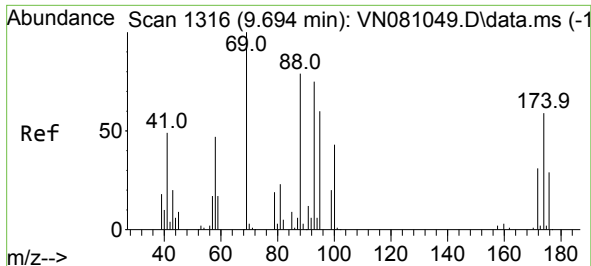
Tgt Ion: 83 Resp: 115111
Ion Ratio Lower Upper
83 100
85 65.6 52.3 78.5
127 7.8 4.6 7.0#



#48
Methyl methacrylate
Concen: 21.146 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 41 Resp: 85190
Ion Ratio Lower Upper
41 100
69 91.0 62.2 93.2
39 63.9 47.6 71.4





#49

1,4-Dioxane

Concen: 474.470 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02

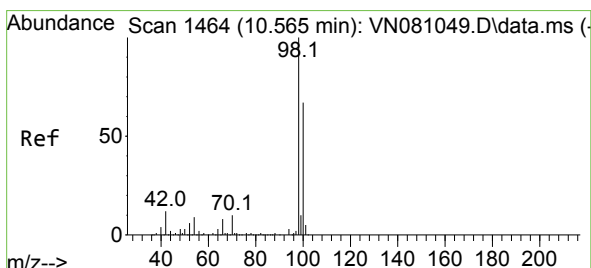
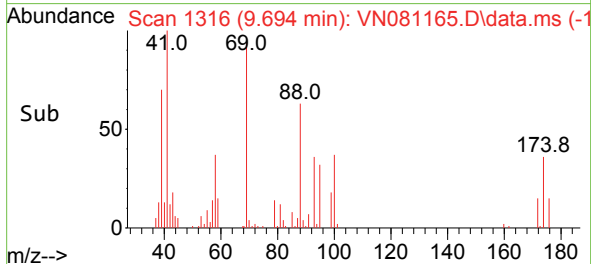
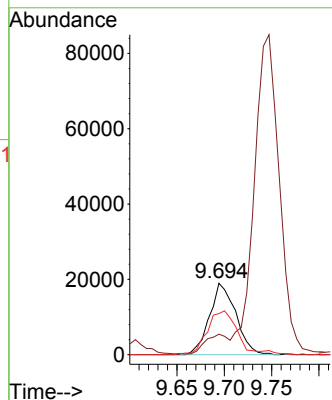
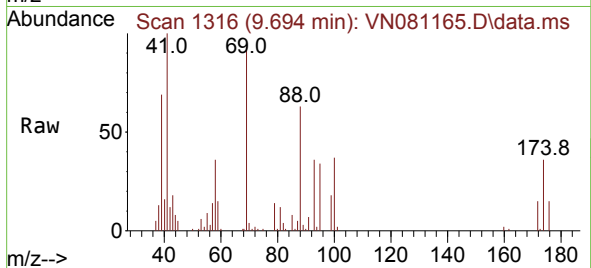
Tgt Ion: 88 Resp: 36731

Ion Ratio Lower Upper

88 100

43 25.9 30.1 45.1#

58 71.0 63.9 95.9



#50

Toluene-d8

Concen: 45.406 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081165.D

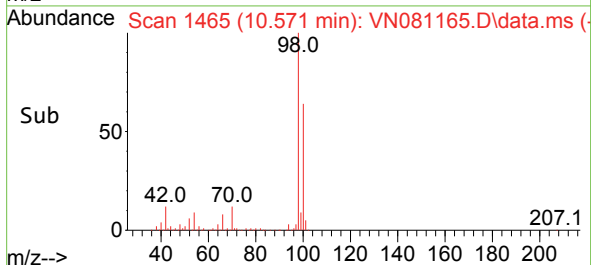
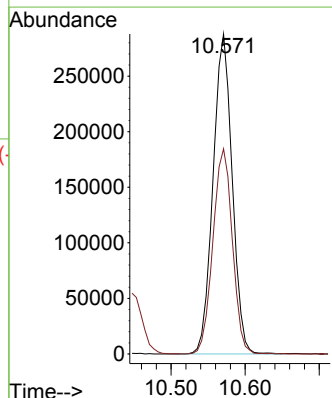
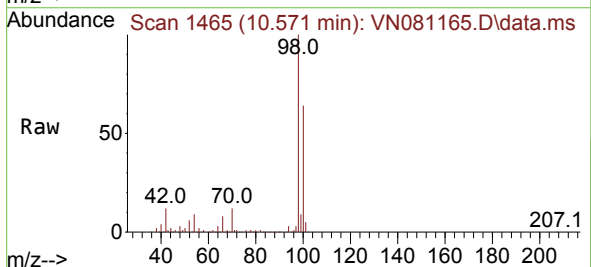
Acq: 23 Feb 2024 17:44

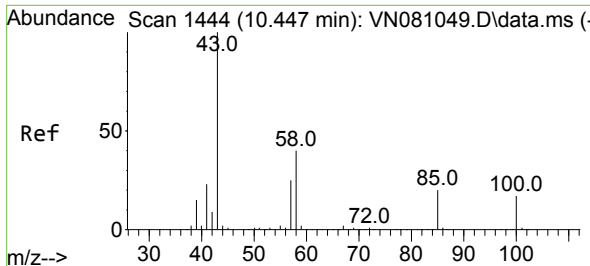
Tgt Ion: 98 Resp: 516347

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 118.478 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

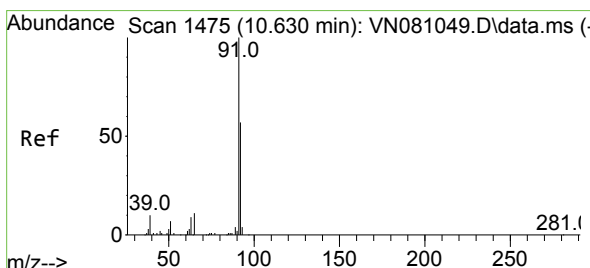
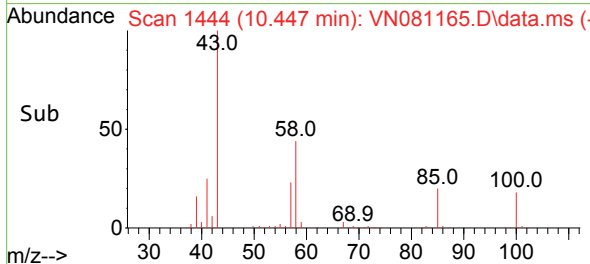
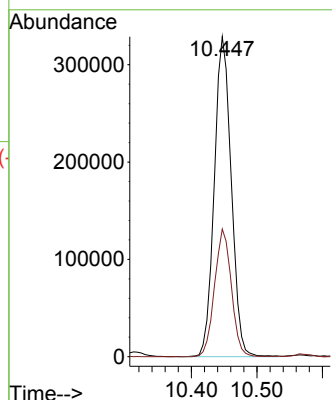
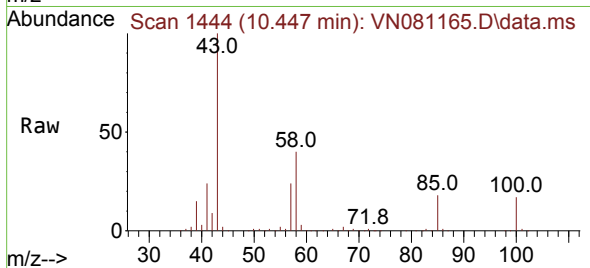
VN0223WBS02

Tgt Ion: 43 Resp: 590092

Ion Ratio Lower Upper

43 100

58 39.5 29.4 44.0



#52

Toluene

Concen: 20.955 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN081165.D

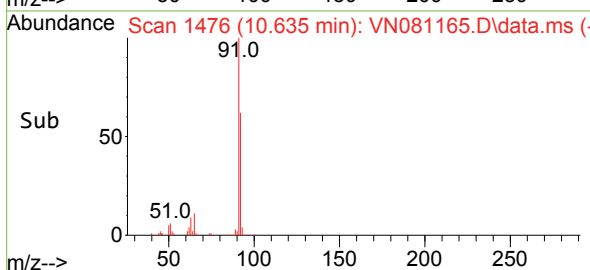
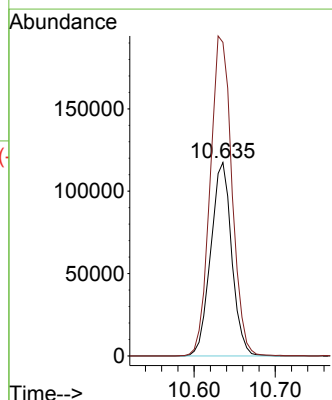
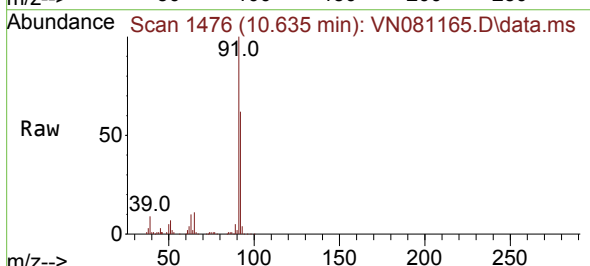
Acq: 23 Feb 2024 17:44

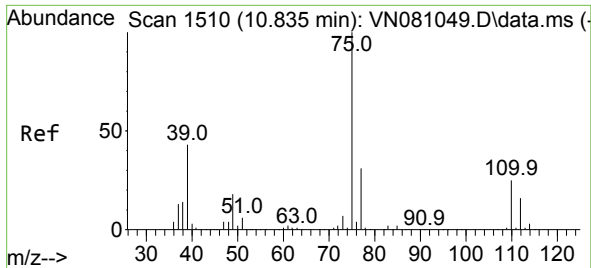
Tgt Ion: 92 Resp: 210629

Ion Ratio Lower Upper

92 100

91 172.1 139.4 209.0

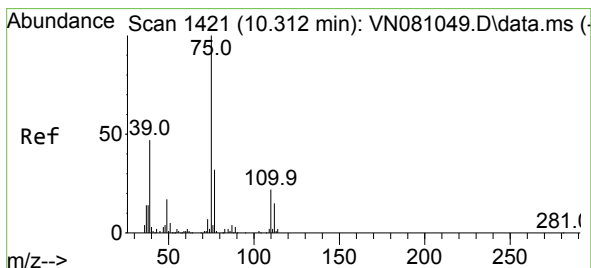
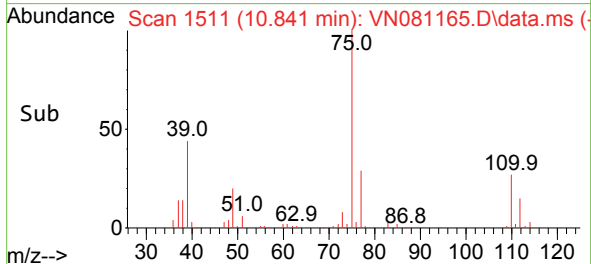
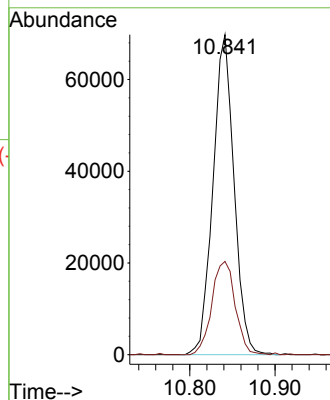
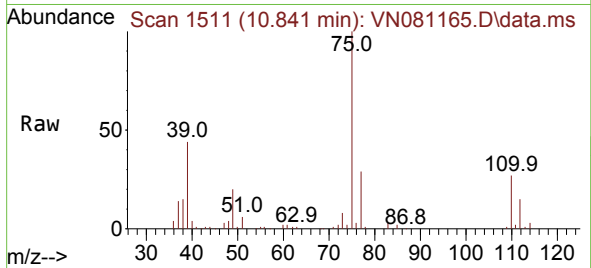




#53
 t-1,3-Dichloropropene
 Concen: 19.656 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: VN081165.D
 Acq: 23 Feb 2024 17:44

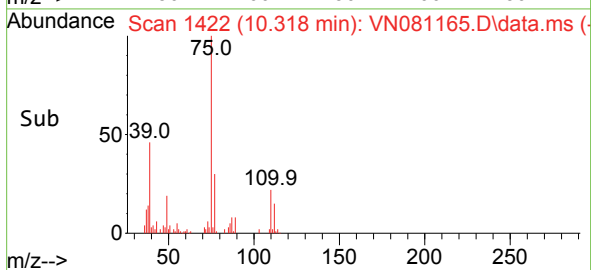
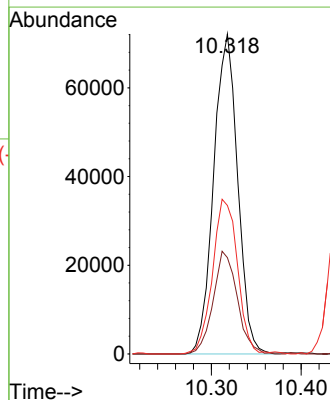
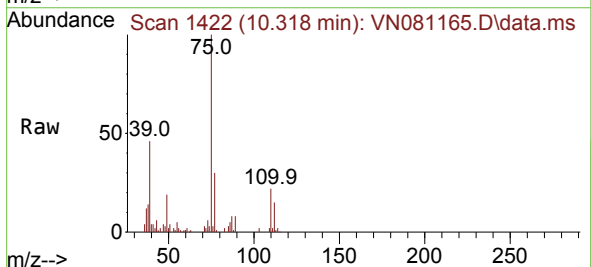
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS02

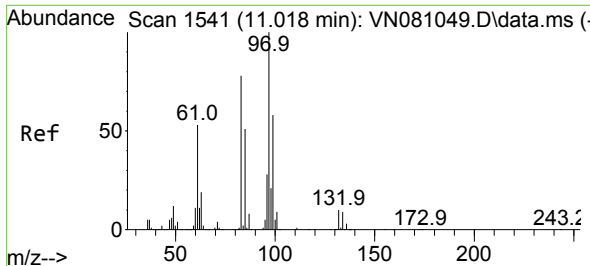
Tgt Ion: 75 Resp: 119710
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.359 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081165.D
 Acq: 23 Feb 2024 17:44

Tgt Ion: 75 Resp: 133965
 Ion Ratio Lower Upper
 75 100
 77 30.1 23.3 34.9
 39 45.9 44.6 66.8

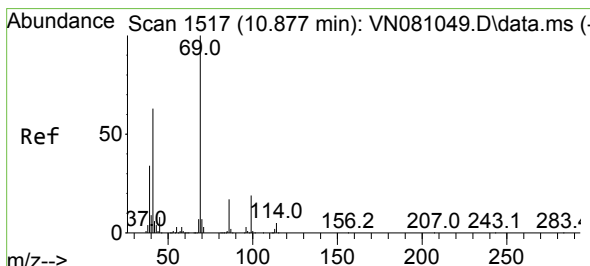
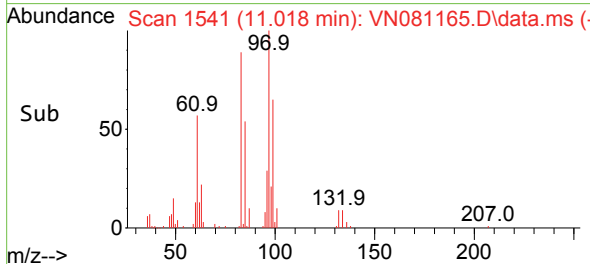
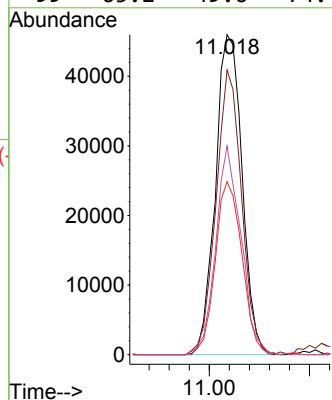
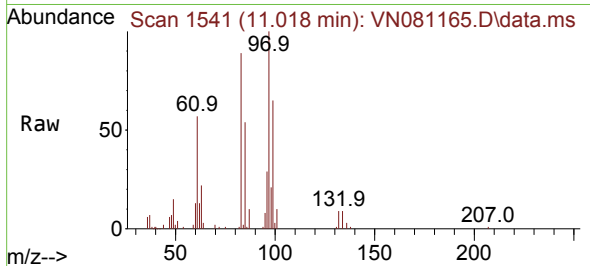




#55
1,1,2-Trichloroethane
Concen: 21.911 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

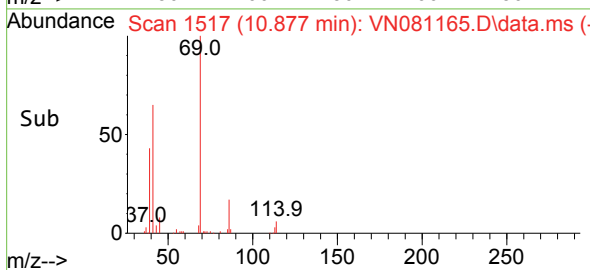
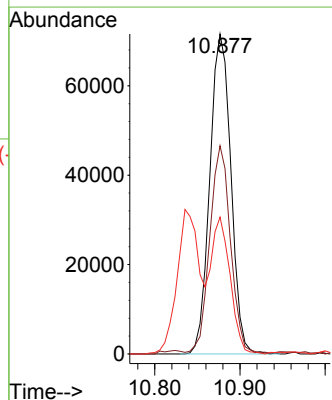
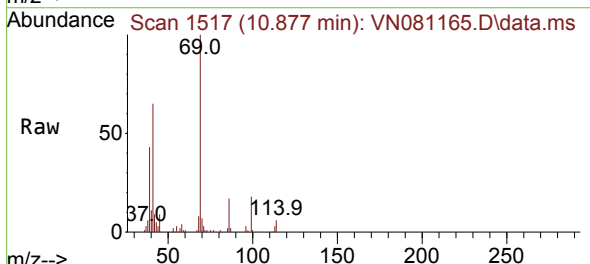
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

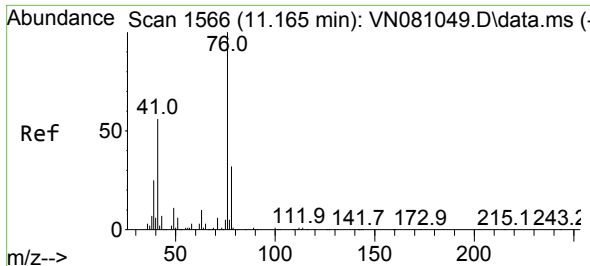
Tgt Ion: 97	Resp: 84707
Ion Ratio	Lower Upper
97 100	
83 88.9	72.9 109.3
85 54.1	50.2 75.2
99 65.2	49.6 74.4



#56
Ethyl methacrylate
Concen: 20.854 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 69	Resp: 123212
Ion Ratio	Lower Upper
69 100	
41 63.6	61.0 91.6
39 38.6	31.8 47.6





#57

1,3-Dichloropropane

Concen: 21.901 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

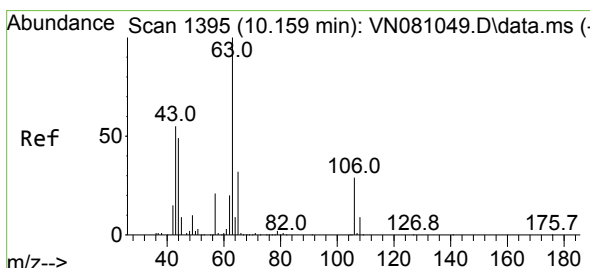
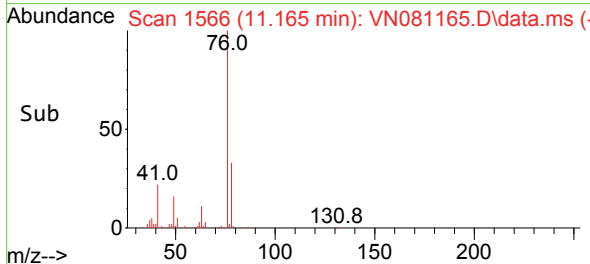
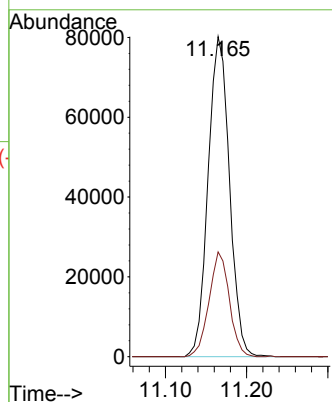
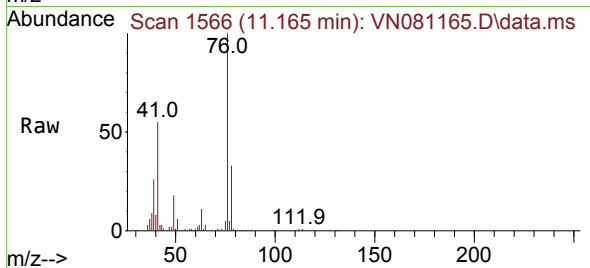
VN0223WBS02

Tgt Ion: 76 Resp: 146399

Ion Ratio Lower Upper

76 100

78 31.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 87.106 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081165.D

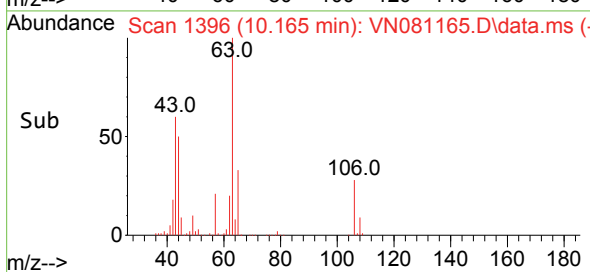
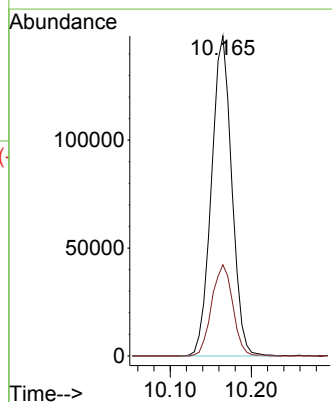
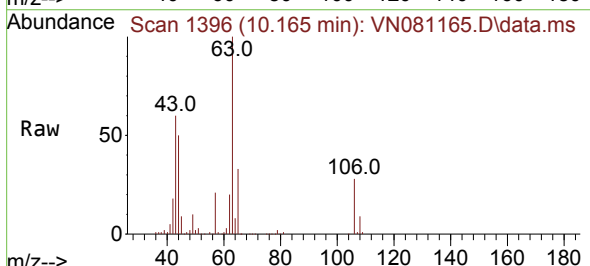
Acq: 23 Feb 2024 17:44

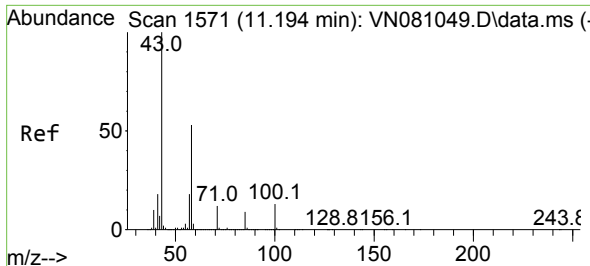
Tgt Ion: 63 Resp: 258227

Ion Ratio Lower Upper

63 100

106 29.5 18.6 28.0#

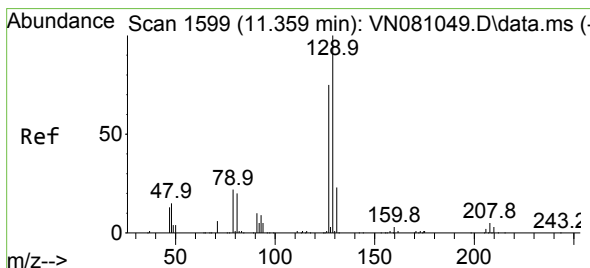
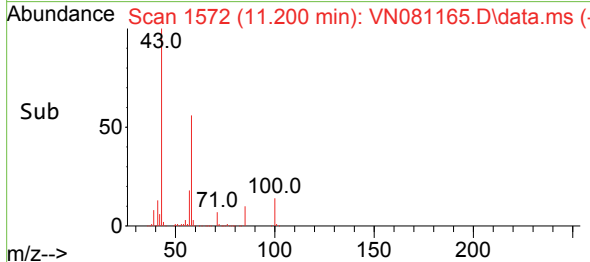
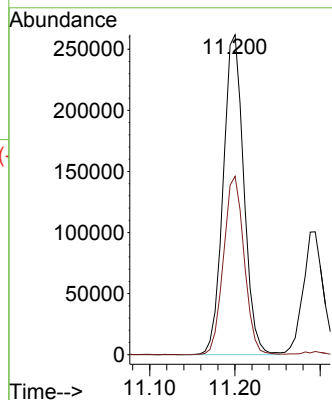
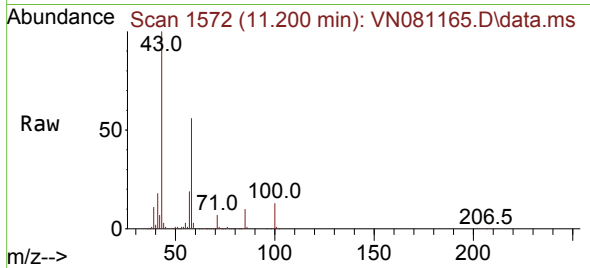




#59
2-Hexanone
Concen: 111.368 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

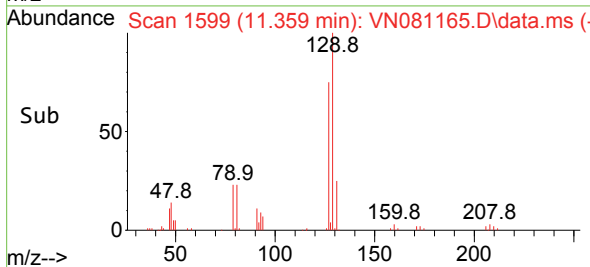
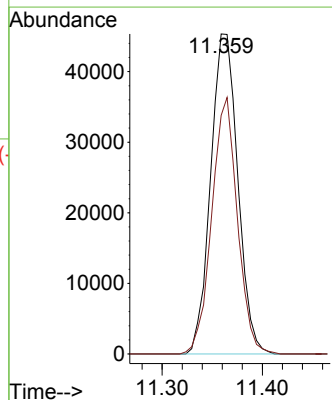
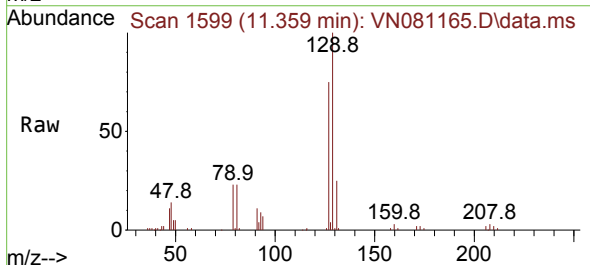
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

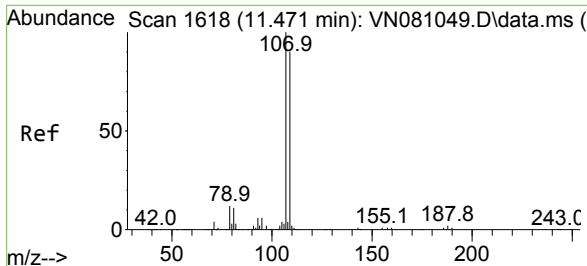
Tgt Ion: 43 Resp: 439750
Ion Ratio Lower Upper
43 100
58 55.9 25.9 77.8



#60
Dibromochloromethane
Concen: 20.790 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 129 Resp: 85384
Ion Ratio Lower Upper
129 100
127 75.7 39.4 118.2

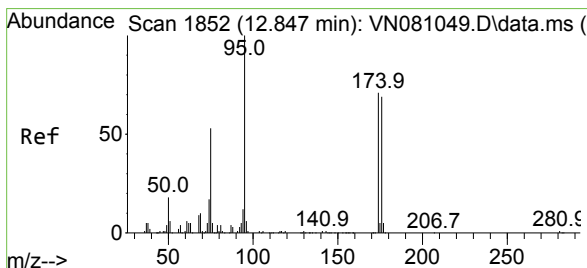
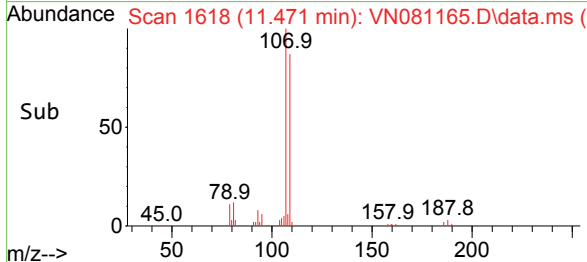
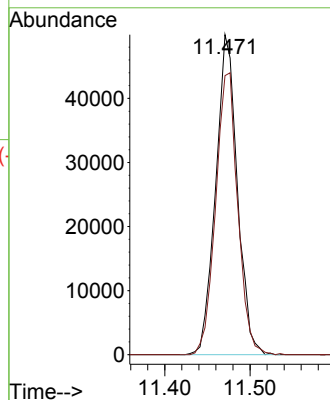
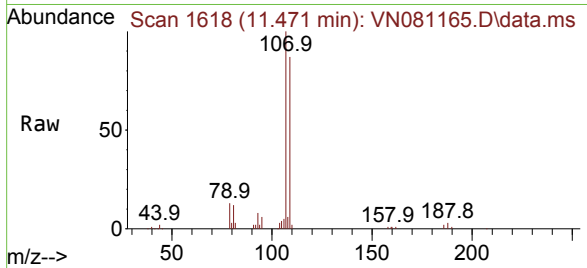




#61
1,2-Dibromoethane
Concen: 21.678 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

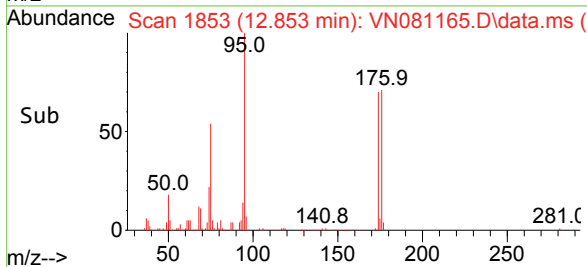
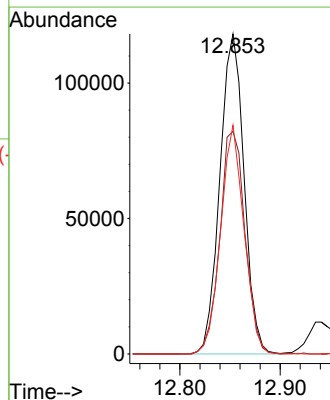
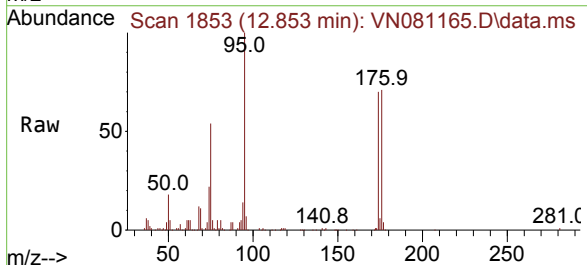
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

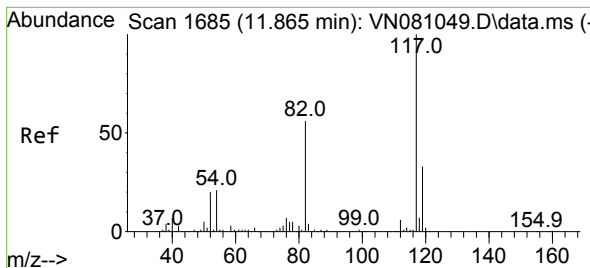
Tgt Ion:107 Resp: 88127
Ion Ratio Lower Upper
107 100
109 90.0 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 46.123 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 95 Resp: 197081
Ion Ratio Lower Upper
95 100
174 72.5 0.0 120.4
176 69.4 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02

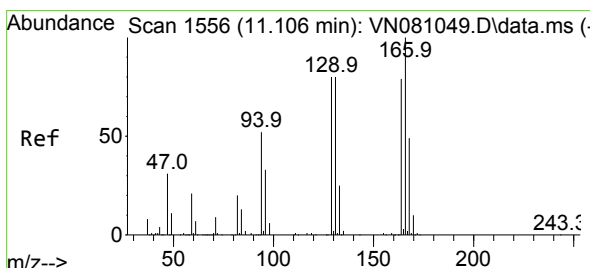
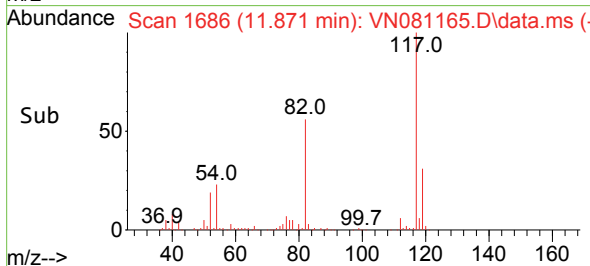
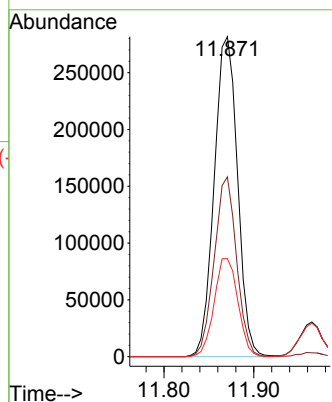
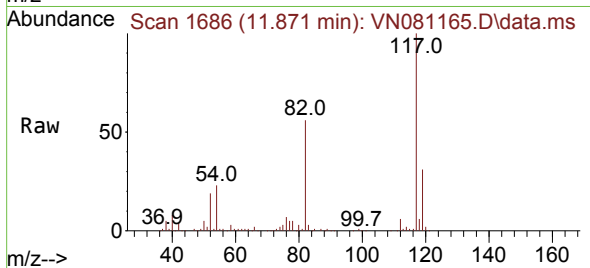
Tgt Ion:117 Resp: 508950

Ion Ratio Lower Upper

117 100

82 56.2 52.7 79.1

119 30.7 25.3 37.9



#64

Tetrachloroethene

Concen: 21.207 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Tgt Ion:164 Resp: 73666

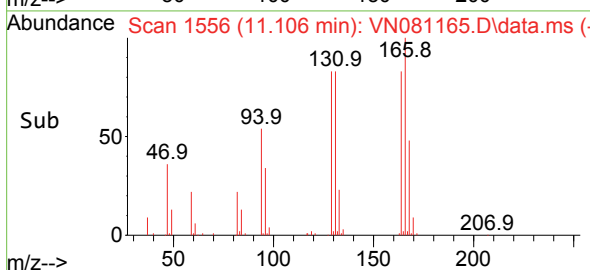
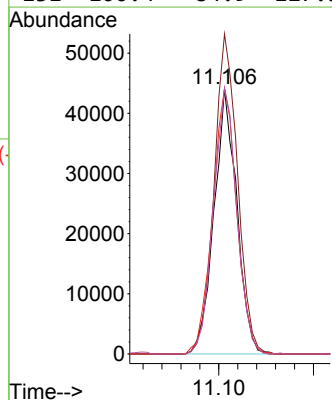
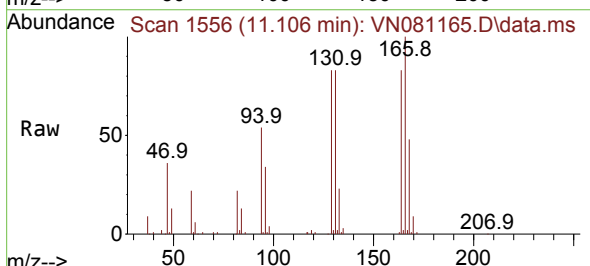
Ion Ratio Lower Upper

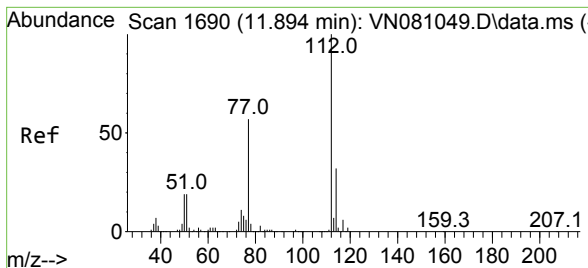
164 100

166 120.6 105.8 158.6

129 100.1 89.6 134.4

131 100.4 84.9 127.3

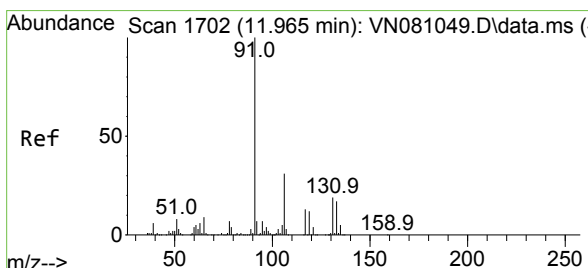
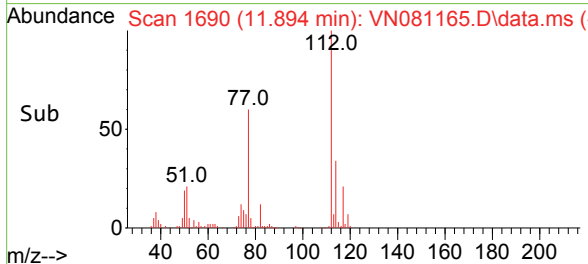
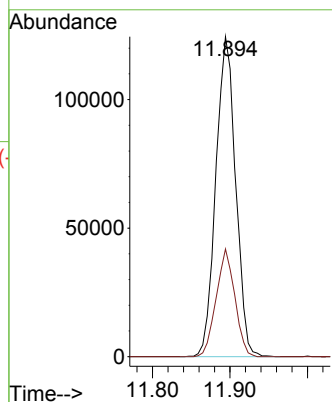
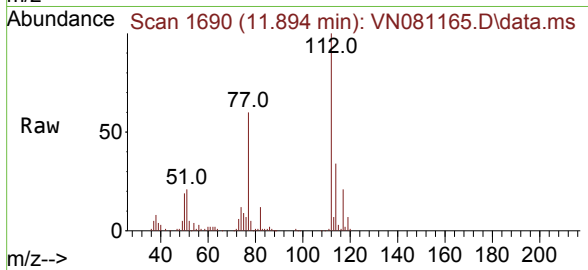




#65
Chlorobenzene
Concen: 20.059 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

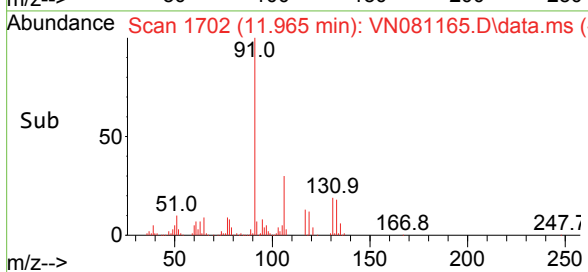
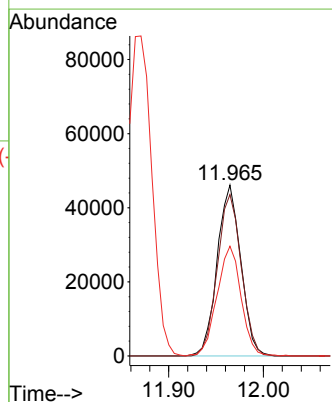
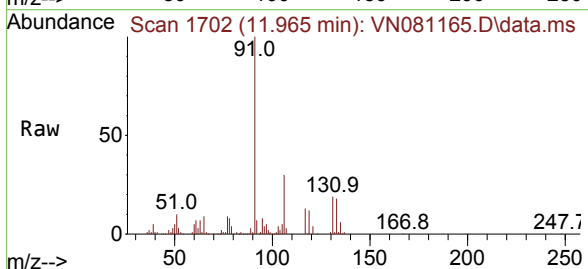
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

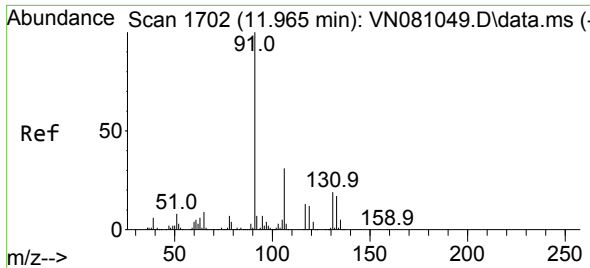
Tgt Ion:112 Resp: 220959
Ion Ratio Lower Upper
112 100
114 33.6 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.236 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion:131 Resp: 80060
Ion Ratio Lower Upper
131 100
133 95.7 46.8 140.3
119 65.5 34.6 103.9

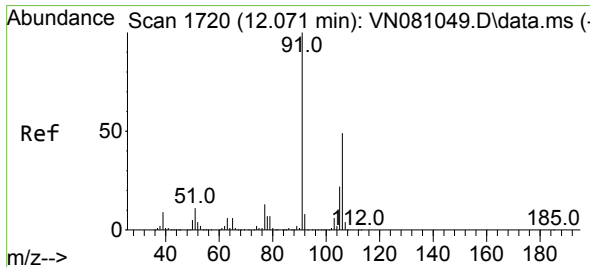
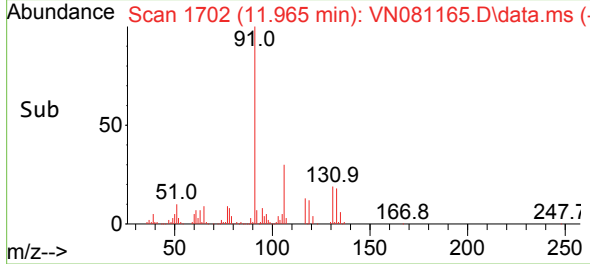
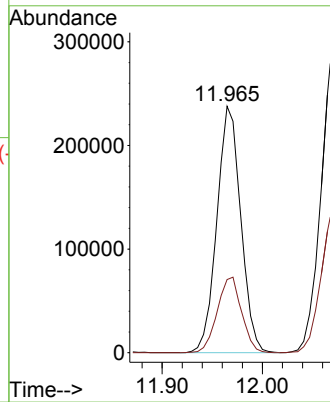
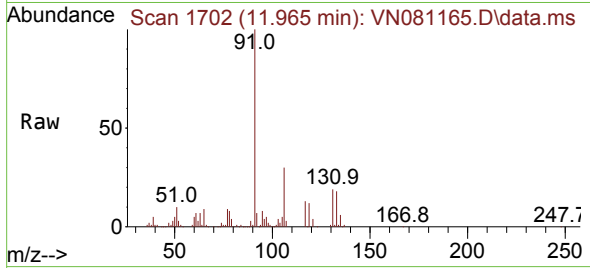




#67
Ethyl Benzene
Concen: 19.969 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

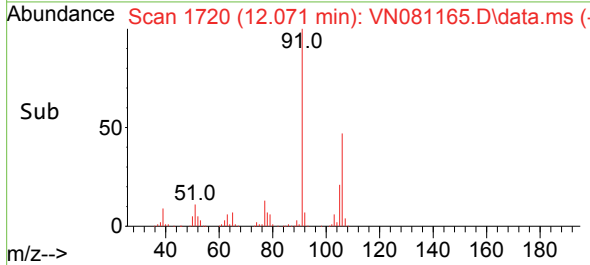
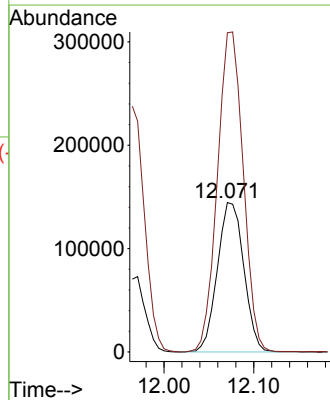
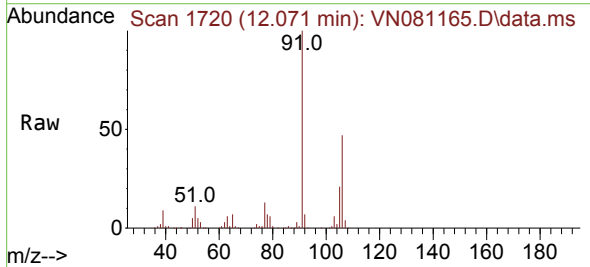
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

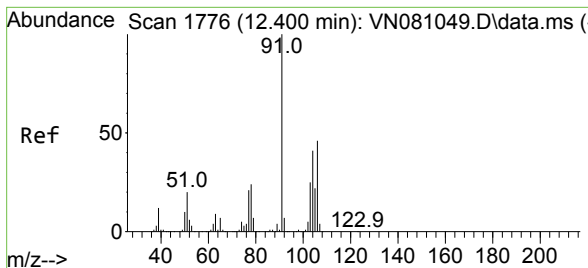
Tgt Ion: 91 Resp: 393604
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 39.180 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion:106 Resp: 296010
Ion Ratio Lower Upper
106 100
91 209.3 169.0 253.6

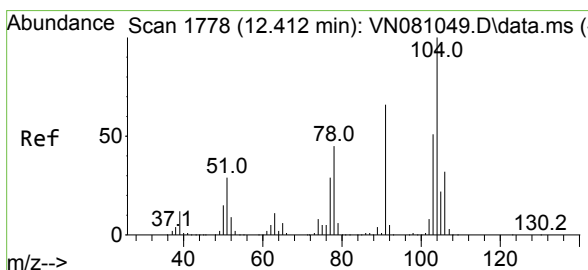
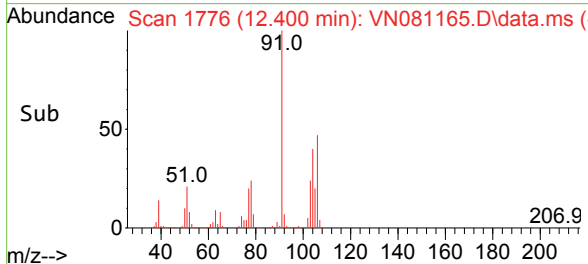
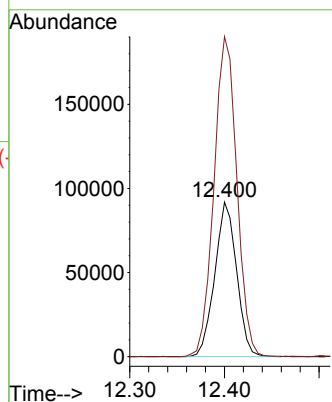
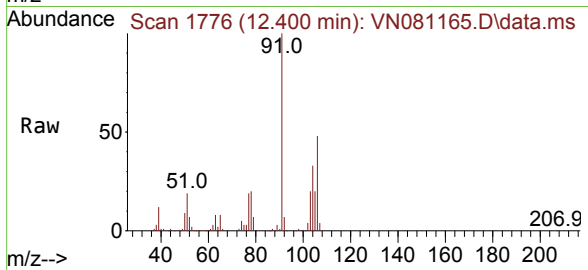




#69
o-Xylene
Concen: 19.680 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

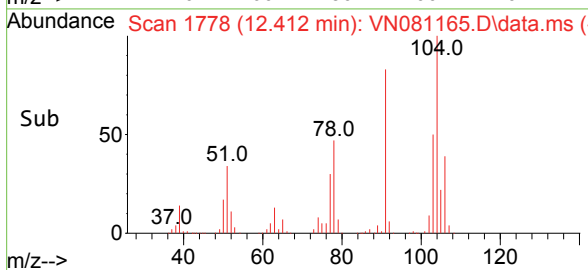
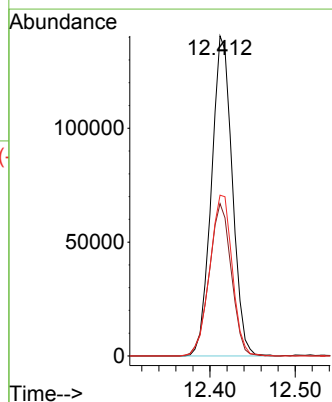
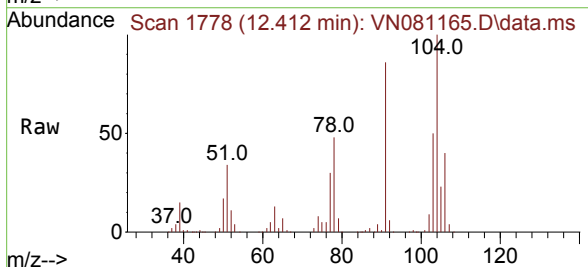
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

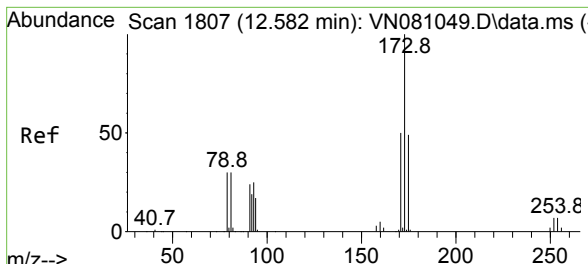
Tgt Ion:106 Resp: 147385
Ion Ratio Lower Upper
106 100
91 217.1 112.1 336.3



#70
Styrene
Concen: 20.127 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion:104 Resp: 238859
Ion Ratio Lower Upper
104 100
78 50.4 43.8 65.8
103 54.2 44.2 66.2

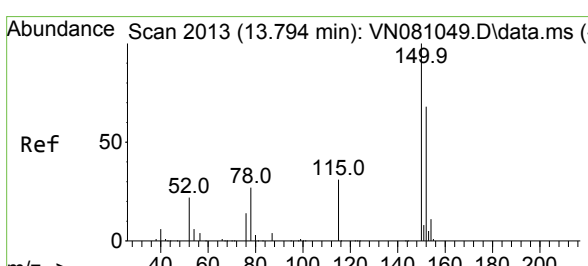
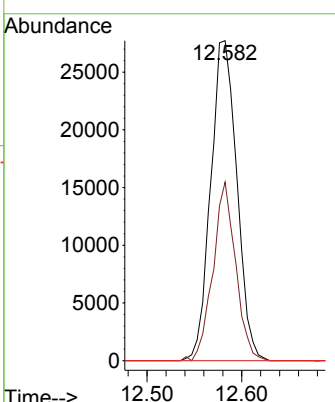
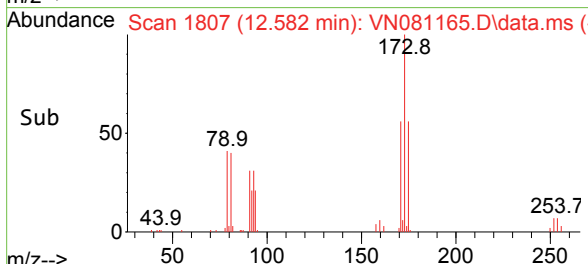
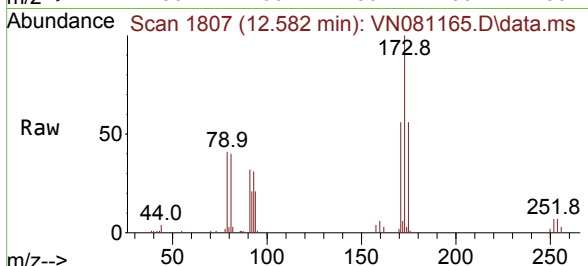




#71
 Bromoform
 Concen: 21.193 ug/l
 RT: 12.582 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VN081165.D
 Acq: 23 Feb 2024 17:44

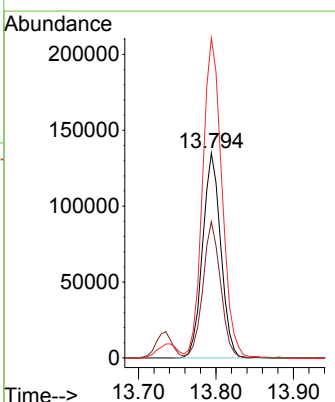
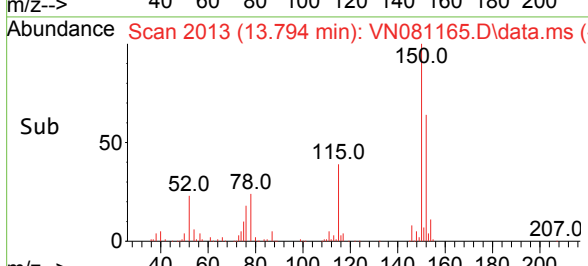
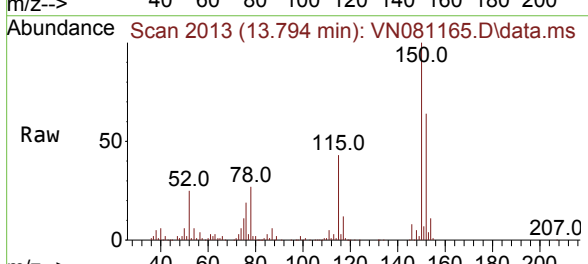
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS02

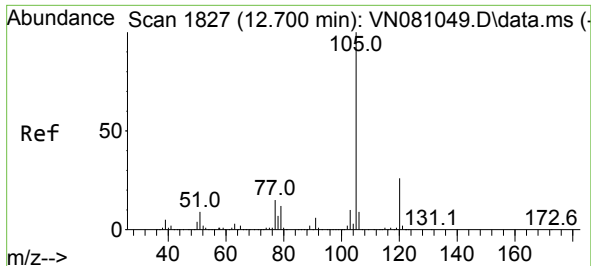
Tgt Ion:	173	Resp:	53196
Ion Ratio	Lower	Upper	
173	100		
175	48.4	23.1	69.2
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081165.D
 Acq: 23 Feb 2024 17:44

Tgt Ion:	152	Resp:	219412
Ion Ratio	Lower	Upper	
152	100		
115	64.6	32.3	96.8
150	166.1	0.0	339.8

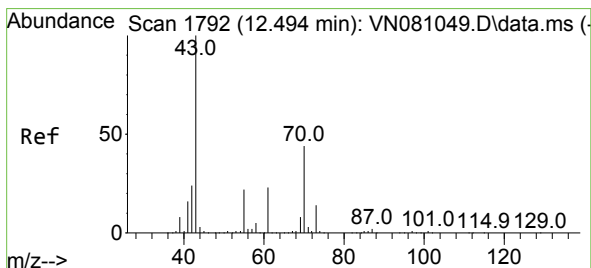
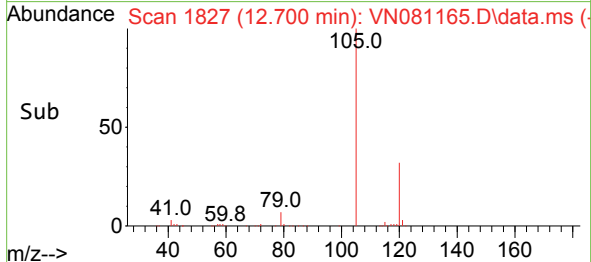
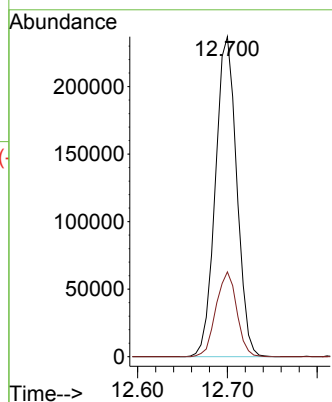
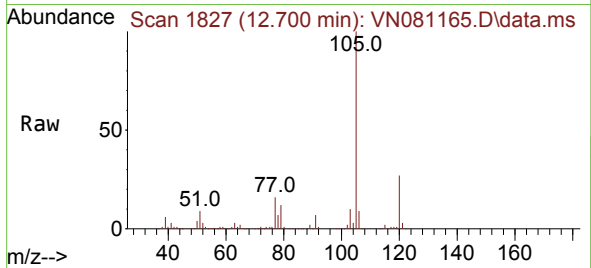




#73
Isopropylbenzene
Concen: 20.358 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

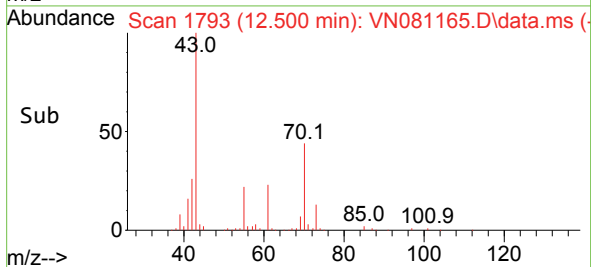
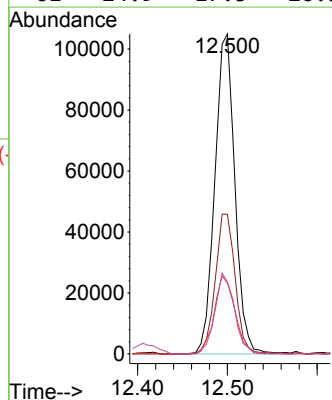
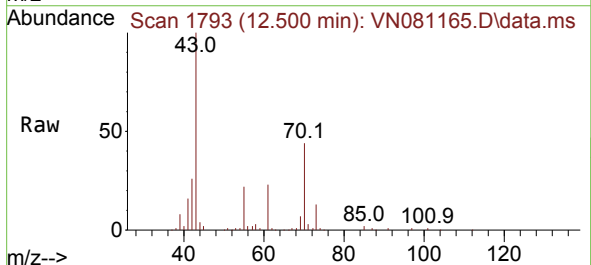
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

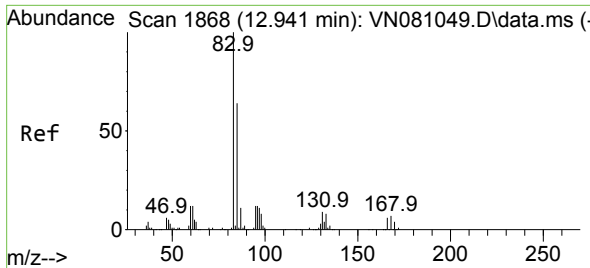
Tgt Ion:105 Resp: 390815
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.6



#74
N-ethyl acetate
Concen: 20.041 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 43 Resp: 162604
Ion Ratio Lower Upper
43 100
70 43.3 30.1 45.1
55 25.3 17.0 25.4
61 24.9 17.5 26.3

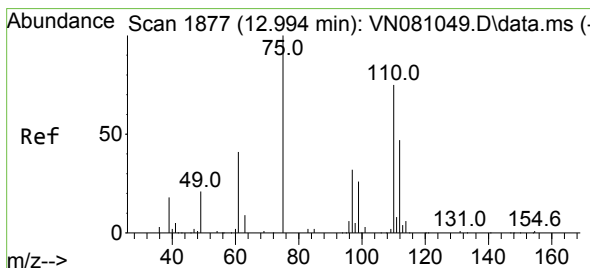
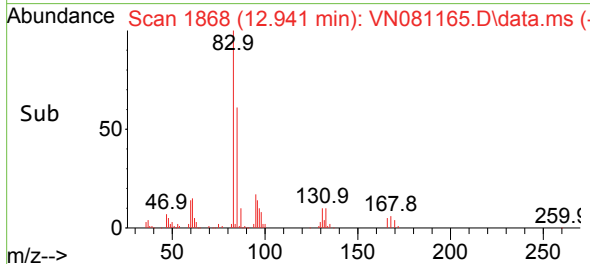
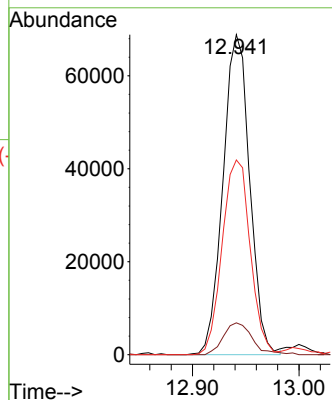
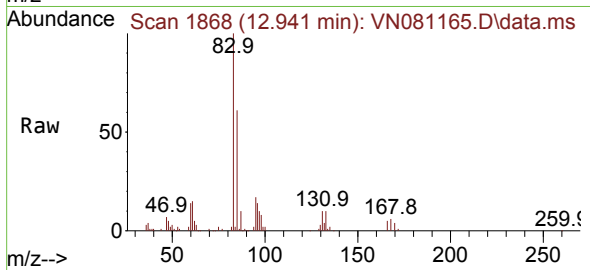




#75
1,1,2,2-Tetrachloroethane
Concen: 22.212 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

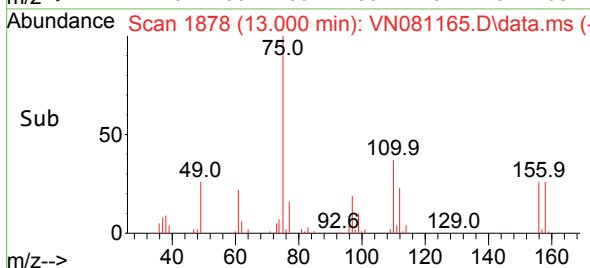
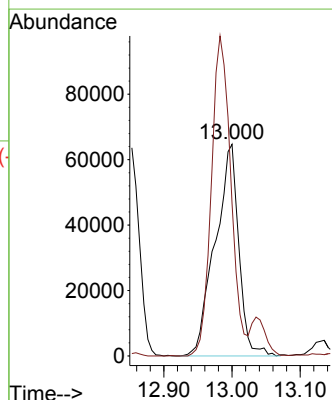
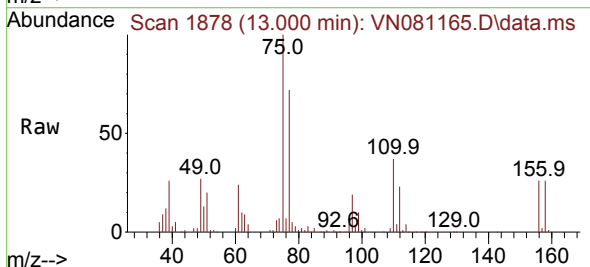
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

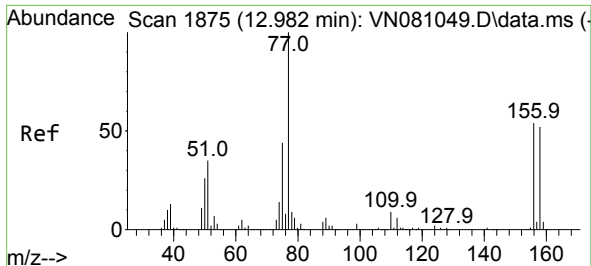
Tgt Ion: 83 Resp: 119902
Ion Ratio Lower Upper
83 100
131 10.8 4.1 12.3
85 64.0 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 31.322 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 75 Resp: 156147
Ion Ratio Lower Upper
75 100
77 125.2 91.0 272.8

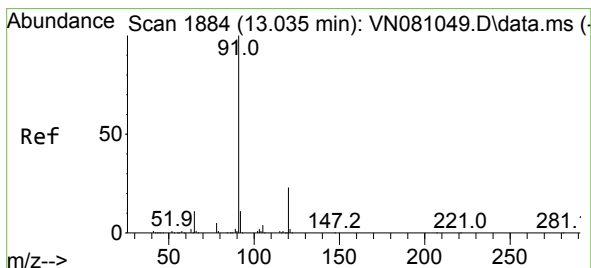
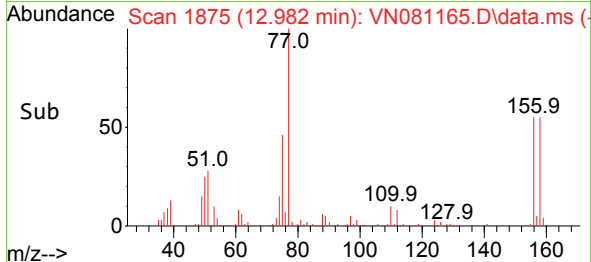
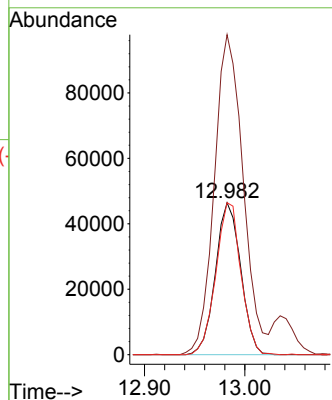
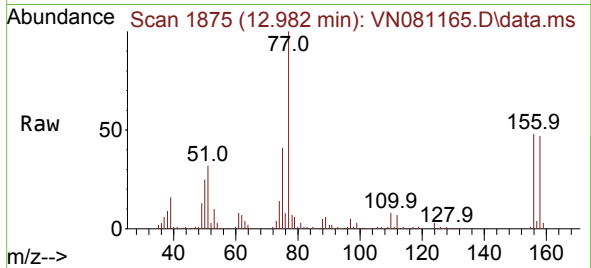




#77
Bromobenzene
Concen: 19.011 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

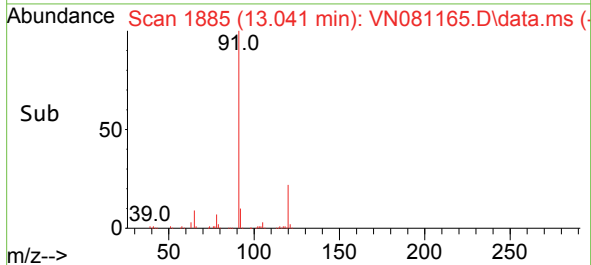
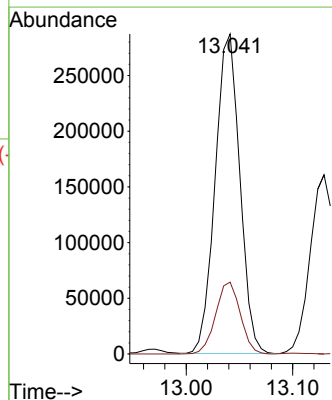
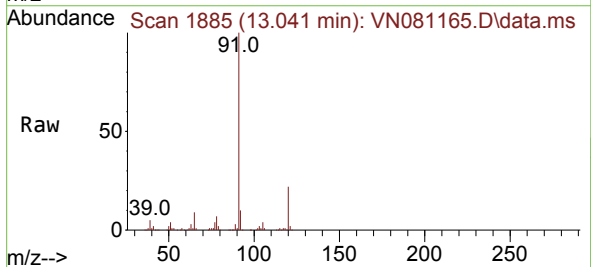
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MSVOA_N
ClientSampleId :
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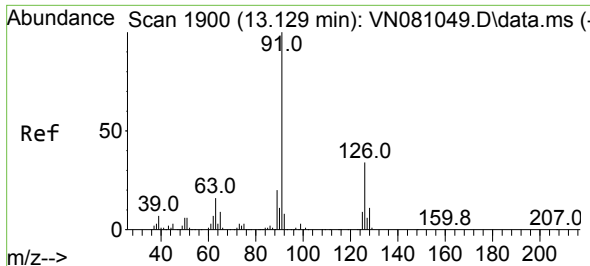
Tgt Ion:156 Resp: 81375
Ion Ratio Lower Upper
156 100
77 240.3 138.1 414.3
158 99.3 46.5 139.5



#78
n-propylbenzene
Concen: 20.826 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 91 Resp: 460235
Ion Ratio Lower Upper
91 100
120 22.5 10.3 30.9

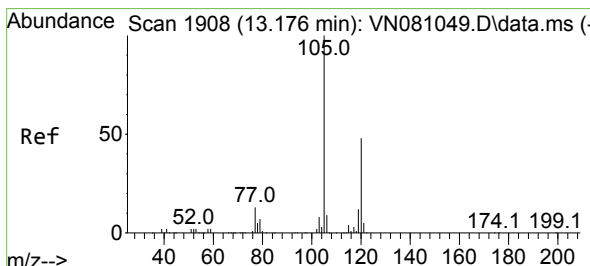
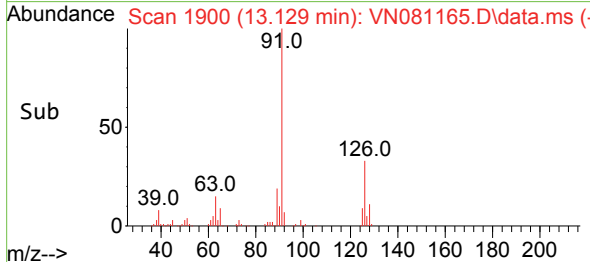
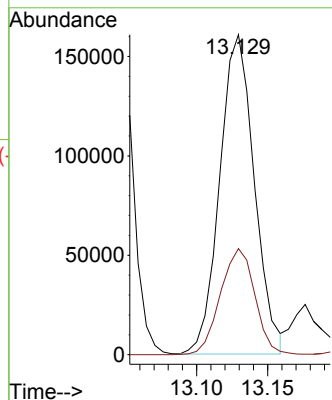
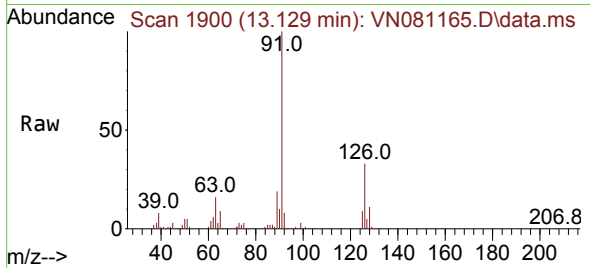




#79
2-Chlorotoluene
Concen: 20.081 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

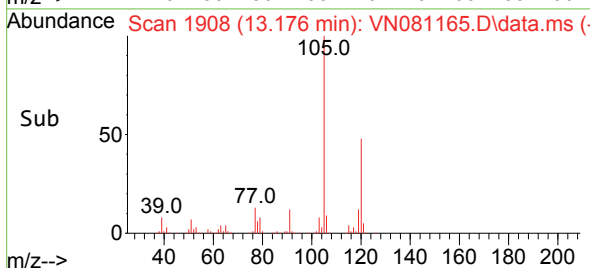
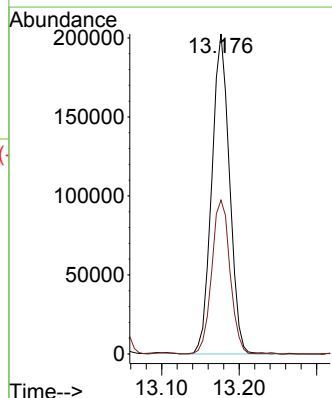
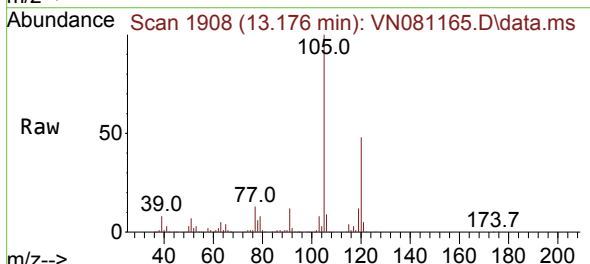
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

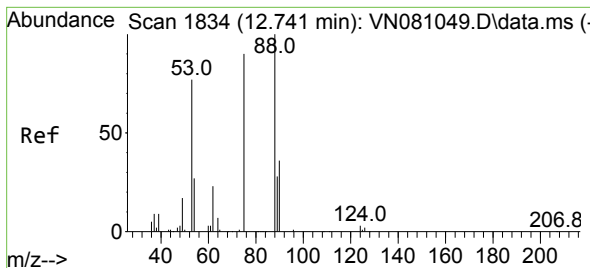
Tgt Ion: 91 Resp: 272197
Ion Ratio Lower Upper
91 100
126 33.1 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 20.758 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 105 Resp: 323099
Ion Ratio Lower Upper
105 100
120 49.6 23.0 69.0

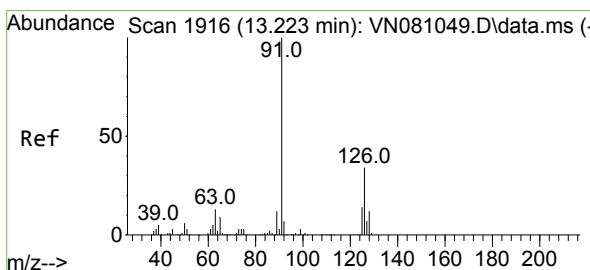
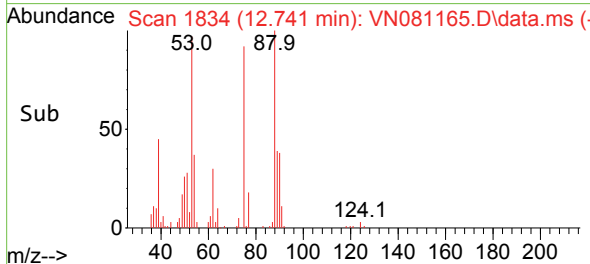
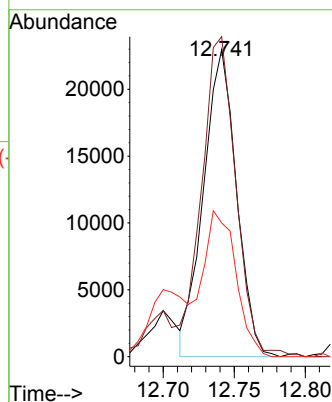
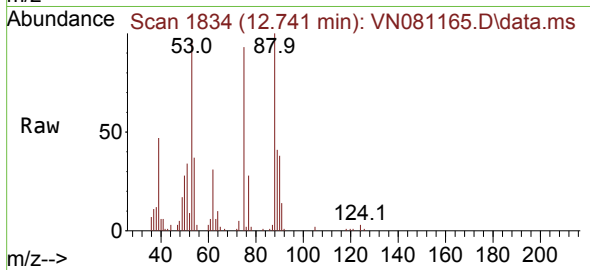




#81
trans-1,4-Dichloro-2-butene
Concen: 19.145 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

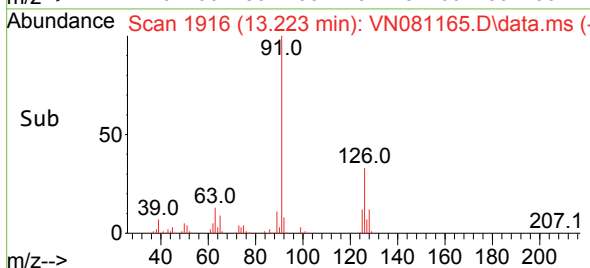
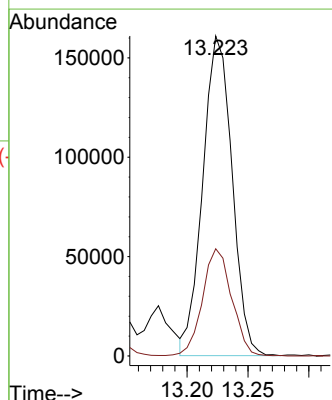
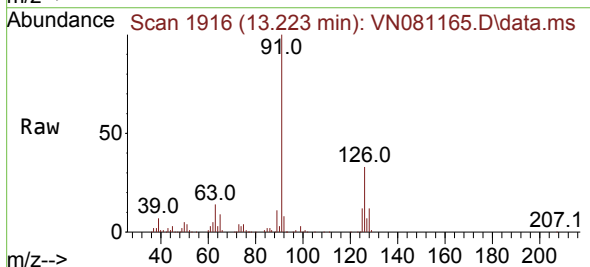
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

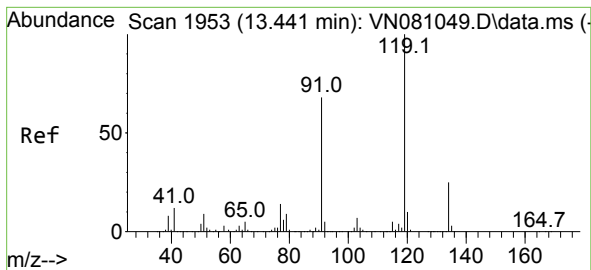
Tgt Ion: 75 Resp: 37080
Ion Ratio Lower Upper
75 100
53 109.5 71.4 107.2#
89 47.7 33.4 50.0



#82
4-Chlorotoluene
Concen: 20.303 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 91 Resp: 269101
Ion Ratio Lower Upper
91 100
126 33.5 15.3 45.9





#83

tert-Butylbenzene

Concen: 20.973 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02

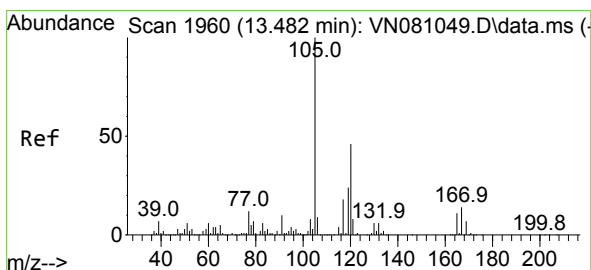
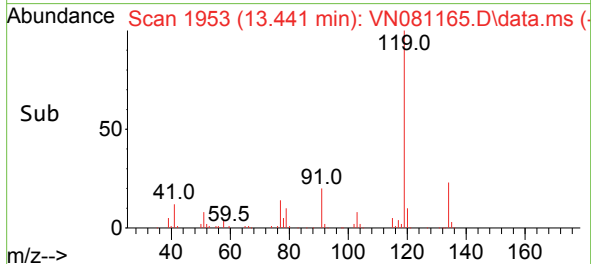
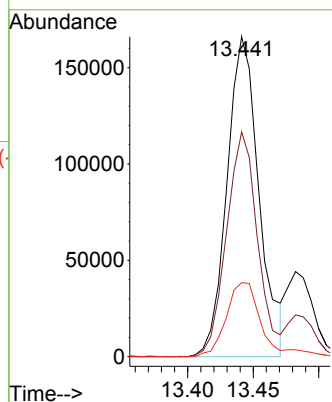
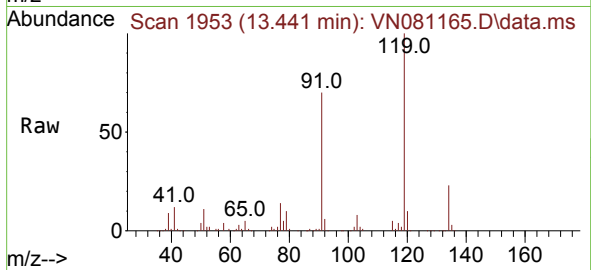
Tgt Ion:119 Resp: 282268

Ion Ratio Lower Upper

119 100

91 68.2 36.8 110.4

134 25.6 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 20.545 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN081165.D

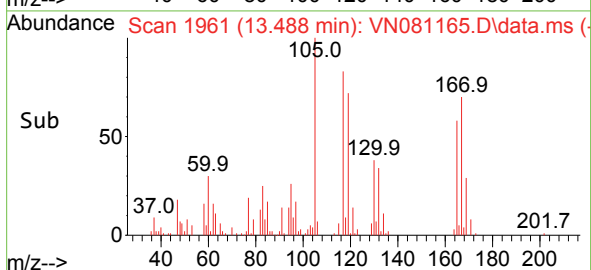
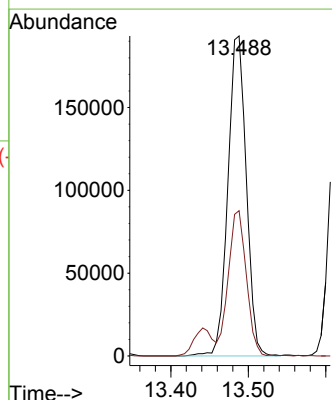
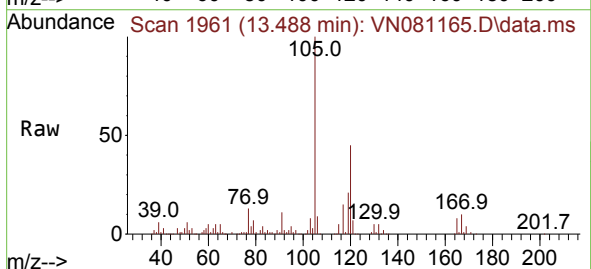
Acq: 23 Feb 2024 17:44

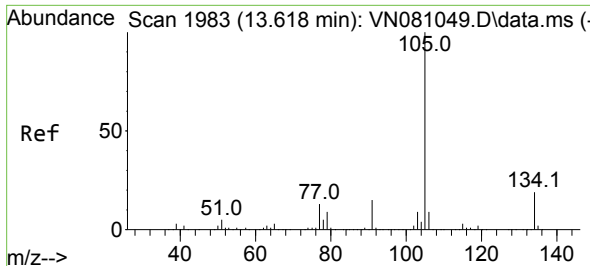
Tgt Ion:105 Resp: 318659

Ion Ratio Lower Upper

105 100

120 44.7 20.9 62.7

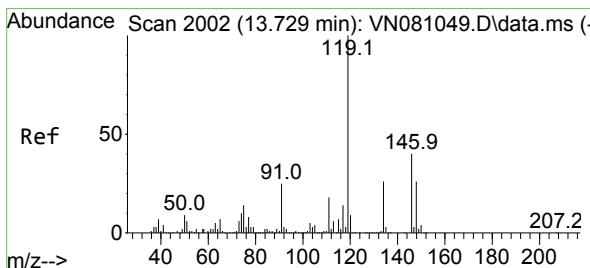
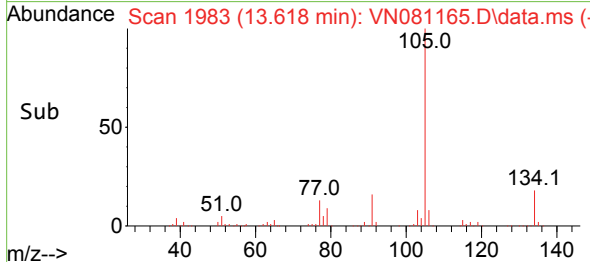
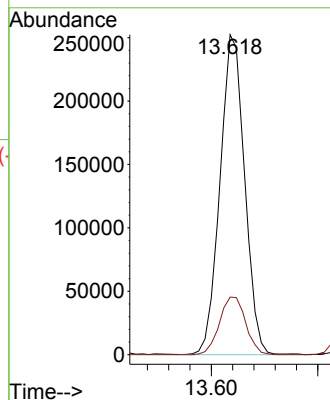
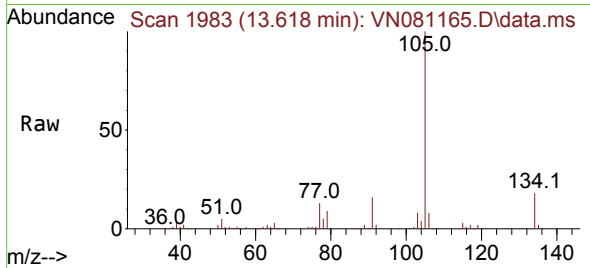




#85
 sec-Butylbenzene
 Concen: 21.638 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081165.D
 Acq: 23 Feb 2024 17:44

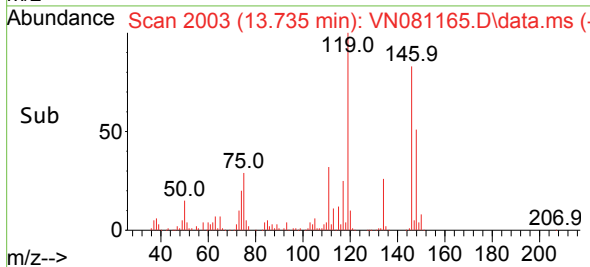
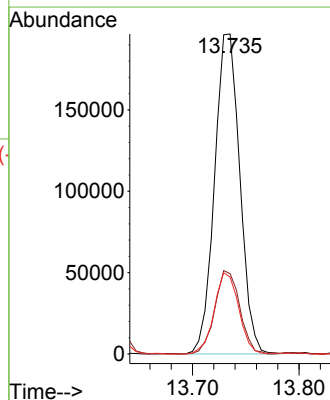
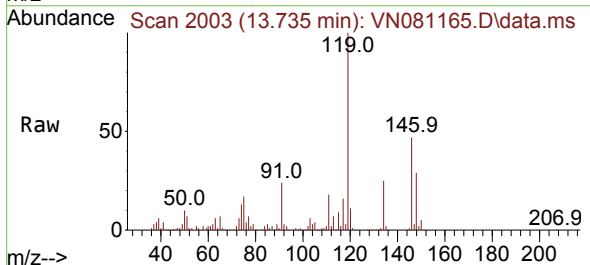
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS02

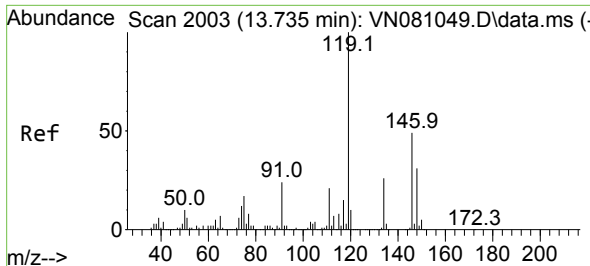
Tgt Ion:105 Resp: 404861
 Ion Ratio Lower Upper
 105 100
 134 19.2 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 20.848 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081165.D
 Acq: 23 Feb 2024 17:44

Tgt Ion:119 Resp: 323999
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.4 37.2
 91 24.7 13.5 40.4

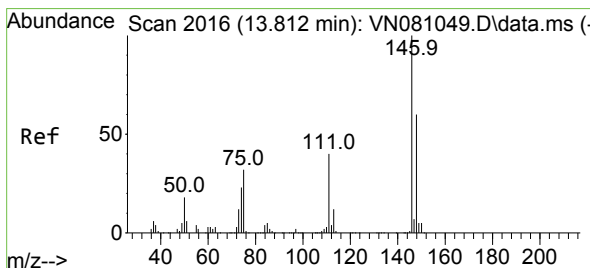
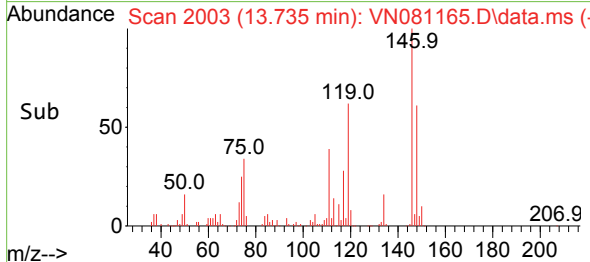
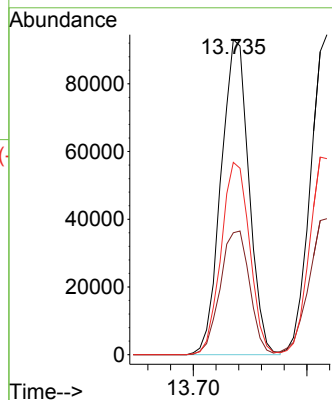
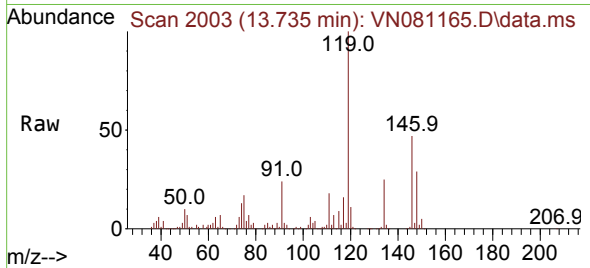




#87
1,3-Dichlorobenzene
Concen: 19.612 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

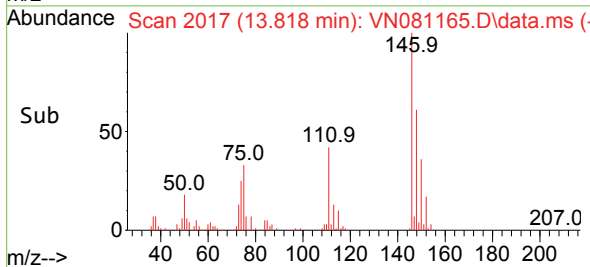
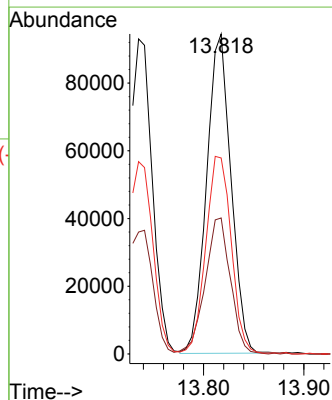
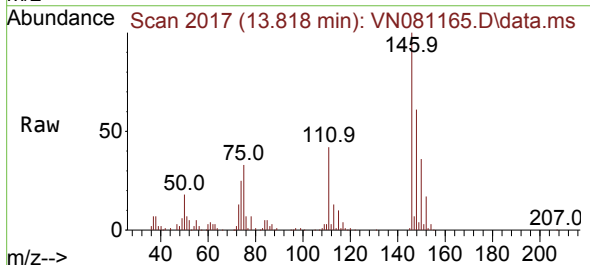
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

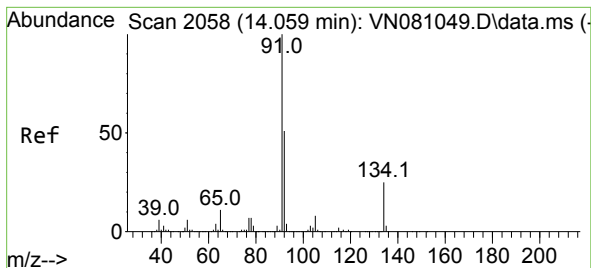
Tgt Ion:146 Resp: 158614
Ion Ratio Lower Upper
146 100
111 41.5 23.9 71.7
148 62.5 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 20.113 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion:146 Resp: 159836
Ion Ratio Lower Upper
146 100
111 44.2 22.6 67.7
148 64.1 31.9 95.5





#89

n-Butylbenzene

Concen: 20.544 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02

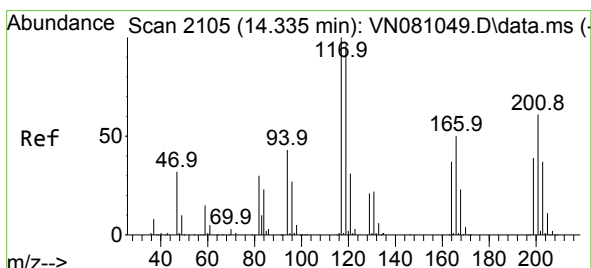
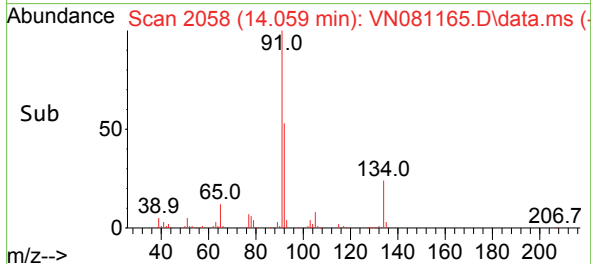
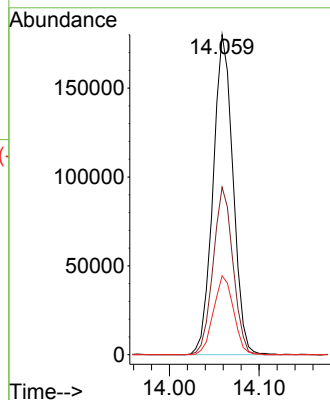
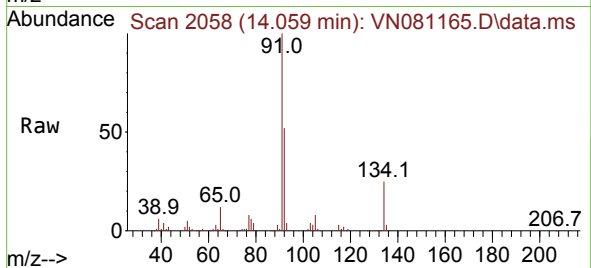
Tgt Ion: 91 Resp: 278157

Ion Ratio Lower Upper

91 100

92 52.2 26.7 80.1

134 24.7 10.8 32.4



#90

Hexachloroethane

Concen: 21.796 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN081165.D

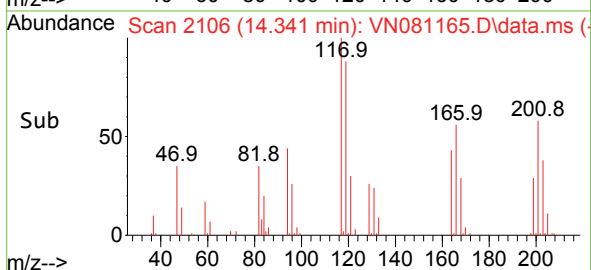
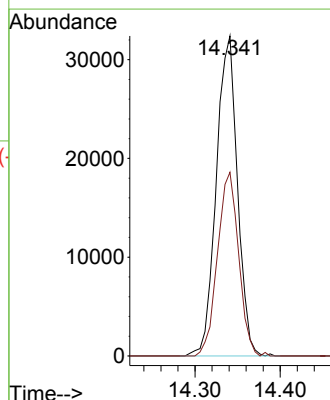
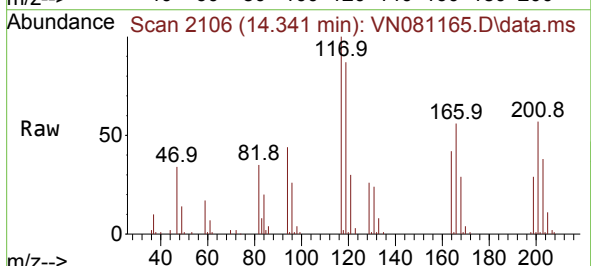
Acq: 23 Feb 2024 17:44

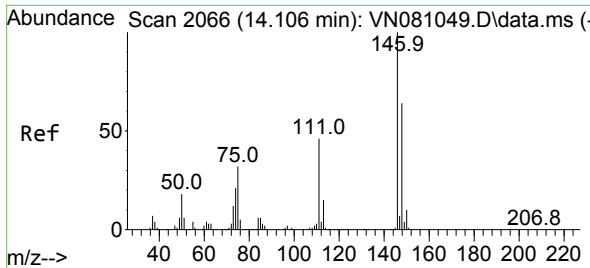
Tgt Ion: 117 Resp: 55990

Ion Ratio Lower Upper

117 100

201 57.4 30.0 90.0

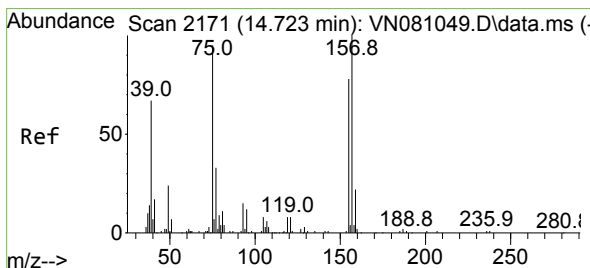
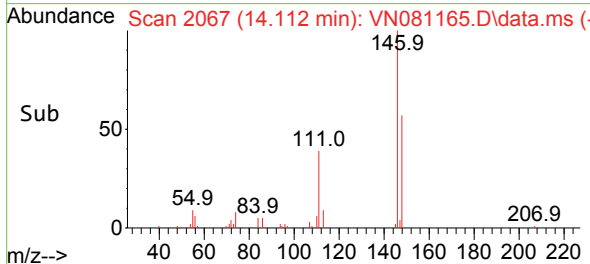
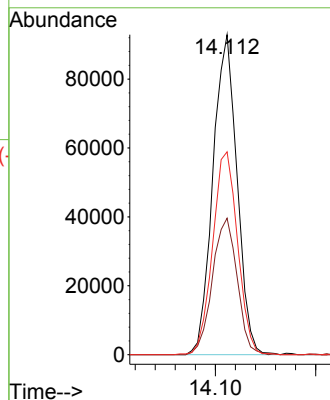
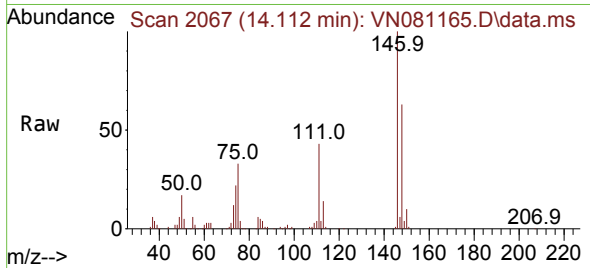




#91
1,2-Dichlorobenzene
Concen: 19.887 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

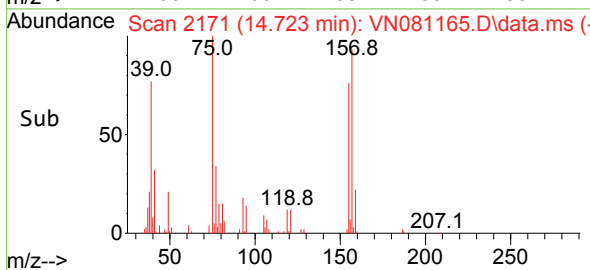
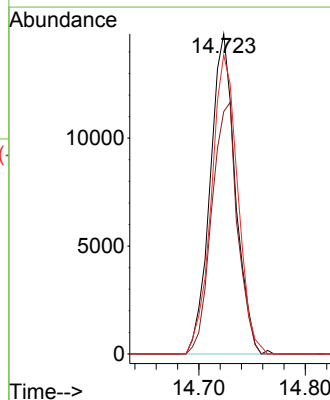
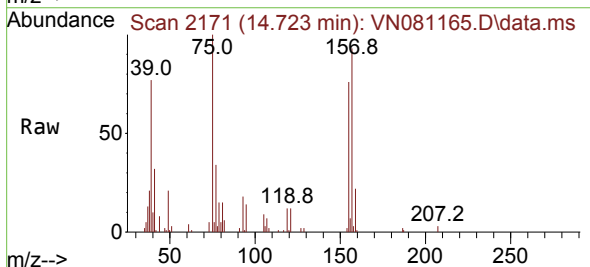
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

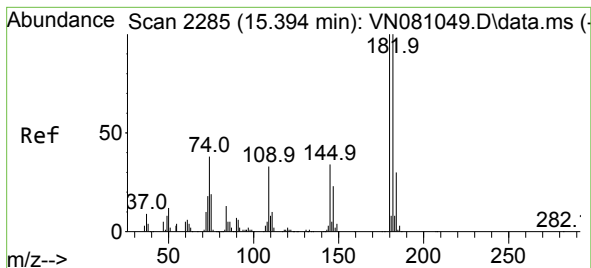
Tgt Ion:146 Resp: 155125
Ion Ratio Lower Upper
146 100
111 43.8 23.9 71.8
148 65.6 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.695 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion: 75 Resp: 24348
Ion Ratio Lower Upper
75 100
155 80.2 31.8 95.4
157 97.6 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 20.303 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBS02

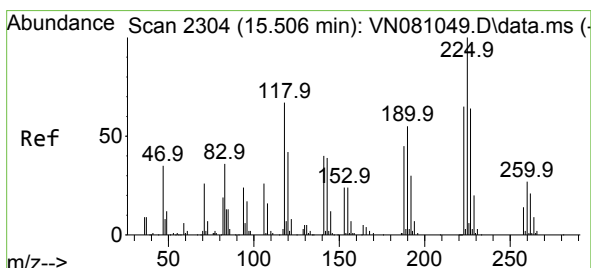
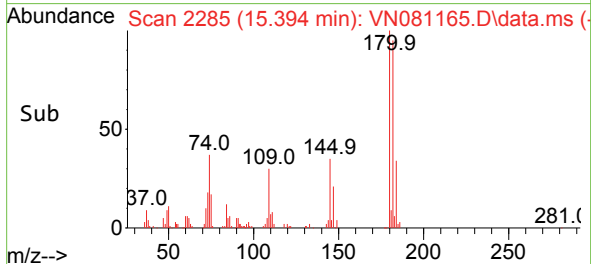
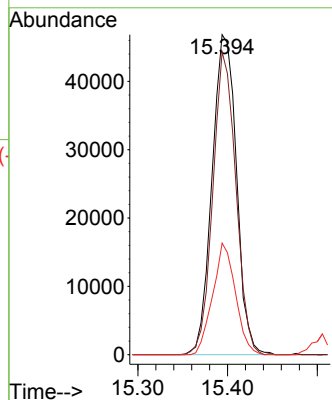
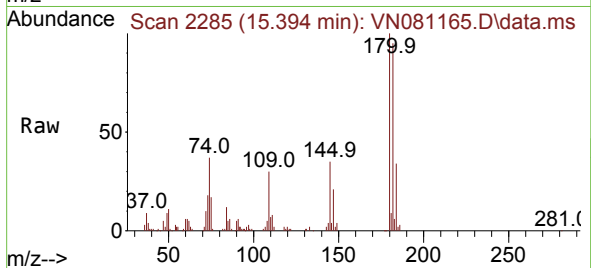
Tgt Ion:180 Resp: 88355

Ion Ratio Lower Upper

180 100

182 89.2 46.6 139.7

145 32.6 16.8 50.3



#94

Hexachlorobutadiene

Concen: 19.661 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.006 min

Lab File: VN081165.D

Acq: 23 Feb 2024 17:44

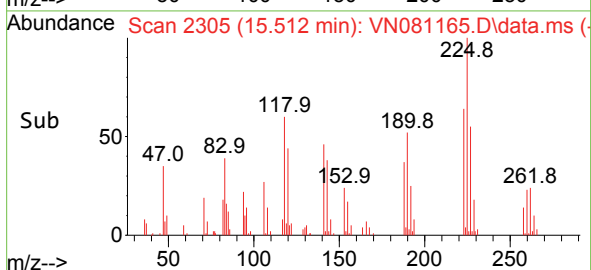
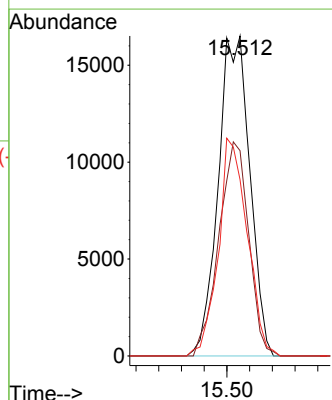
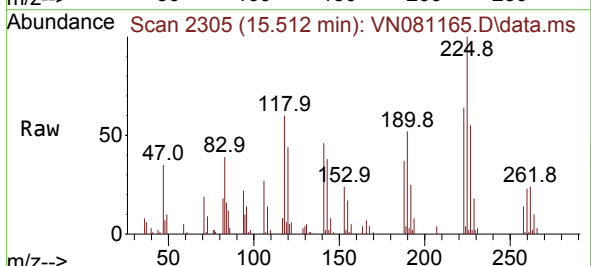
Tgt Ion:225 Resp: 31910

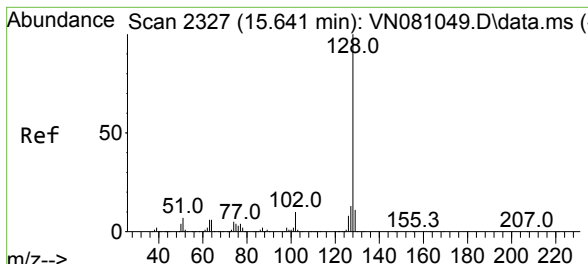
Ion Ratio Lower Upper

225 100

223 63.3 33.3 99.8

227 62.2 33.1 99.2

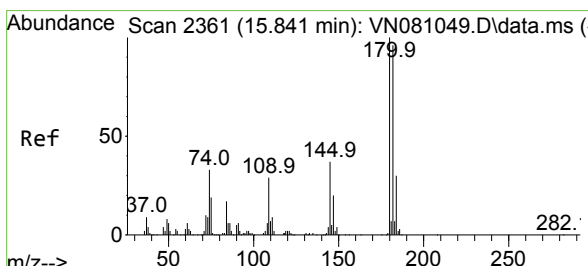
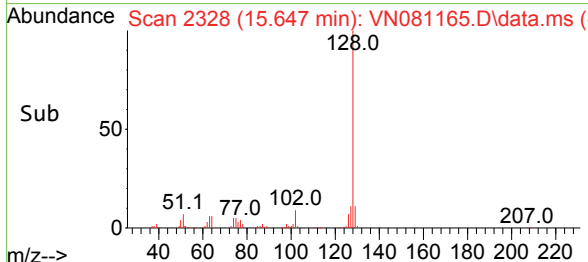
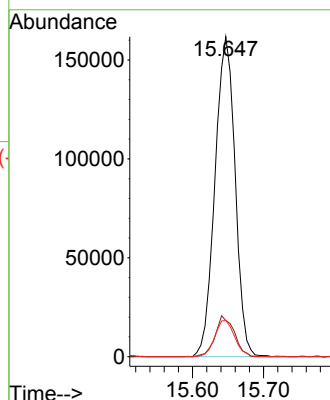
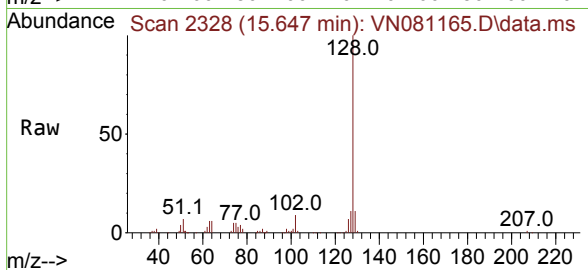




#95
Naphthalene
Concen: 19.936 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS02

Tgt Ion:128 Resp: 317922
Ion Ratio Lower Upper
128 100
127 12.2 10.0 15.0
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.800 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081165.D
Acq: 23 Feb 2024 17:44

Tgt Ion:180 Resp: 85477
Ion Ratio Lower Upper
180 100
182 98.2 46.5 139.3
145 34.8 17.8 53.4

