

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022924\
 Data File : VN081265.D
 Acq On : 29 Feb 2024 13:28
 Operator : JC\MD
 Sample : VN0229WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBS01

Quant Time: Feb 29 23:50:13 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	235169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	448258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	402039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	161710	56.100	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.200%
35) Dibromofluoromethane	8.171	113	136710	53.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.860%
50) Toluene-d8	10.565	98	446667	49.614	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.853	95	170359	50.360	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	63789	20.974	ug/l	98
3) Chloromethane	2.365	50	60161	17.360	ug/l	98
4) Vinyl Chloride	2.518	62	67972	20.121	ug/l	98
5) Bromomethane	2.965	94	44662	18.614	ug/l	99
6) Chloroethane	3.124	64	47708	21.337	ug/l	97
7) Trichlorofluoromethane	3.500	101	108276	21.940	ug/l	99
8) Diethyl Ether	3.959	74	37860	20.983	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	63138	22.949	ug/l	93
10) Methyl Iodide	4.589	142	53233	17.334	ug/l	93
11) Tert butyl alcohol	5.512	59	53705	101.310	ug/l	100
12) 1,1-Dichloroethene	4.341	96	53784	20.224	ug/l	92
13) Acrolein	4.189	56	18930	66.626	ug/l	94
14) Allyl chloride	5.024	41	78704	19.945	ug/l #	87
15) Acrylonitrile	5.724	53	164248	118.637	ug/l	98
16) Acetone	4.424	43	121834	107.418	ug/l	94
17) Carbon Disulfide	4.712	76	127073	17.131	ug/l	96
18) Methyl Acetate	5.024	43	77564	28.033	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	195101	21.419	ug/l	98
20) Methylene Chloride	5.271	84	70816	23.645	ug/l #	80
21) trans-1,2-Dichloroethene	5.794	96	57948	19.530	ug/l	91
22) Diisopropyl ether	6.671	45	207519	23.183	ug/l	96
23) Vinyl Acetate	6.600	43	799000	110.017	ug/l	96
24) 1,1-Dichloroethane	6.565	63	120689	23.318	ug/l	98
25) 2-Butanone	7.488	43	202984	110.778	ug/l	94
26) 2,2-Dichloropropane	7.488	77	102084	21.050	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	73397	21.291	ug/l	88
28) Bromochloromethane	7.812	49	52777	24.596	ug/l #	68
29) Tetrahydrofuran	7.841	42	139214	113.814	ug/l #	87
30) Chloroform	7.971	83	130876	23.786	ug/l	95
31) Cyclohexane	8.259	56	98229	19.736	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	112712	22.493	ug/l	92
36) 1,1-Dichloropropene	8.371	75	91070	20.971	ug/l	97
37) Ethyl Acetate	7.559	43	88282	22.525	ug/l	99
38) Carbon Tetrachloride	8.365	117	93373	21.252	ug/l	97
39) Methylcyclohexane	9.600	83	98674	19.492	ug/l	92
40) Benzene	8.606	78	270806	21.545	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	47592	21.337	ug/l	95
42) 1,2-Dichloroethane	8.671	62	99185	22.617	ug/l	98
43) Isopropyl Acetate	8.688	43	143718	20.967	ug/l #	93
44) Trichloroethene	9.353	130	67471	20.154	ug/l	98
45) 1,2-Dichloropropane	9.623	63	71665	22.793	ug/l	99
46) Dibromomethane	9.712	93	50029	21.838	ug/l	92
47) Bromodichloromethane	9.888	83	97231	22.409	ug/l #	96
48) Methyl methacrylate	9.682	41	68393	21.443	ug/l	87
49) 1,4-Dioxane	9.694	88	27882	453.224	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	457886	116.125	ug/l	96
52) Toluene	10.635	92	169579	21.311	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	101885	21.131	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	110413	21.195	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	71325	23.304	ug/l	96
56) Ethyl methacrylate	10.876	69	96949	20.726	ug/l	90
57) 1,3-Dichloropropane	11.165	76	119473	22.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	229313	97.707	ug/l #	89
59) 2-Hexanone	11.194	43	340967	109.073	ug/l	97
60) Dibromochloromethane	11.365	129	71446	21.974	ug/l	96
61) 1,2-Dibromoethane	11.470	107	67984	21.123	ug/l	92
64) Tetrachloroethene	11.106	164	63197	23.032	ug/l	93
65) Chlorobenzene	11.894	112	181049	20.807	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	65743	21.036	ug/l	98
67) Ethyl Benzene	11.965	91	316672	20.338	ug/l	100
68) m/p-Xylenes	12.070	106	240682	40.328	ug/l	96
69) o-Xylene	12.400	106	117282	19.825	ug/l	94
70) Styrene	12.412	104	193884	20.682	ug/l	96
71) Bromoform	12.582	173	42904	21.638	ug/l #	97
73) Isopropylbenzene	12.700	105	309274	19.324	ug/l	100
74) N-amyl acetate	12.494	43	123874	18.313	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	94917	21.091	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	122175	29.396	ug/l	61
77) Bromobenzene	12.982	156	69396	19.446	ug/l	78
78) n-propylbenzene	13.041	91	368742	20.014	ug/l	97
79) 2-Chlorotoluene	13.129	91	224470	19.863	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	260054	20.040	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	30180	18.690	ug/l	91
82) 4-Chlorotoluene	13.223	91	217384	19.673	ug/l	97
83) tert-Butylbenzene	13.441	119	221720	19.760	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	263466	20.375	ug/l	98
85) sec-Butylbenzene	13.617	105	318120	20.394	ug/l	94
86) p-Isopropyltoluene	13.729	119	260592	20.112	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	132854	19.703	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	130088	19.634	ug/l	97
89) n-Butylbenzene	14.059	91	226787	20.091	ug/l	98
90) Hexachloroethane	14.335	117	43132	20.139	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	129343	19.889	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	19269	20.593	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	66252	18.261	ug/l	98
94) Hexachlorobutadiene	15.505	225	26056	19.256	ug/l	97
95) Naphthalene	15.647	128	242781	18.261	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	67996	18.892	ug/l	97

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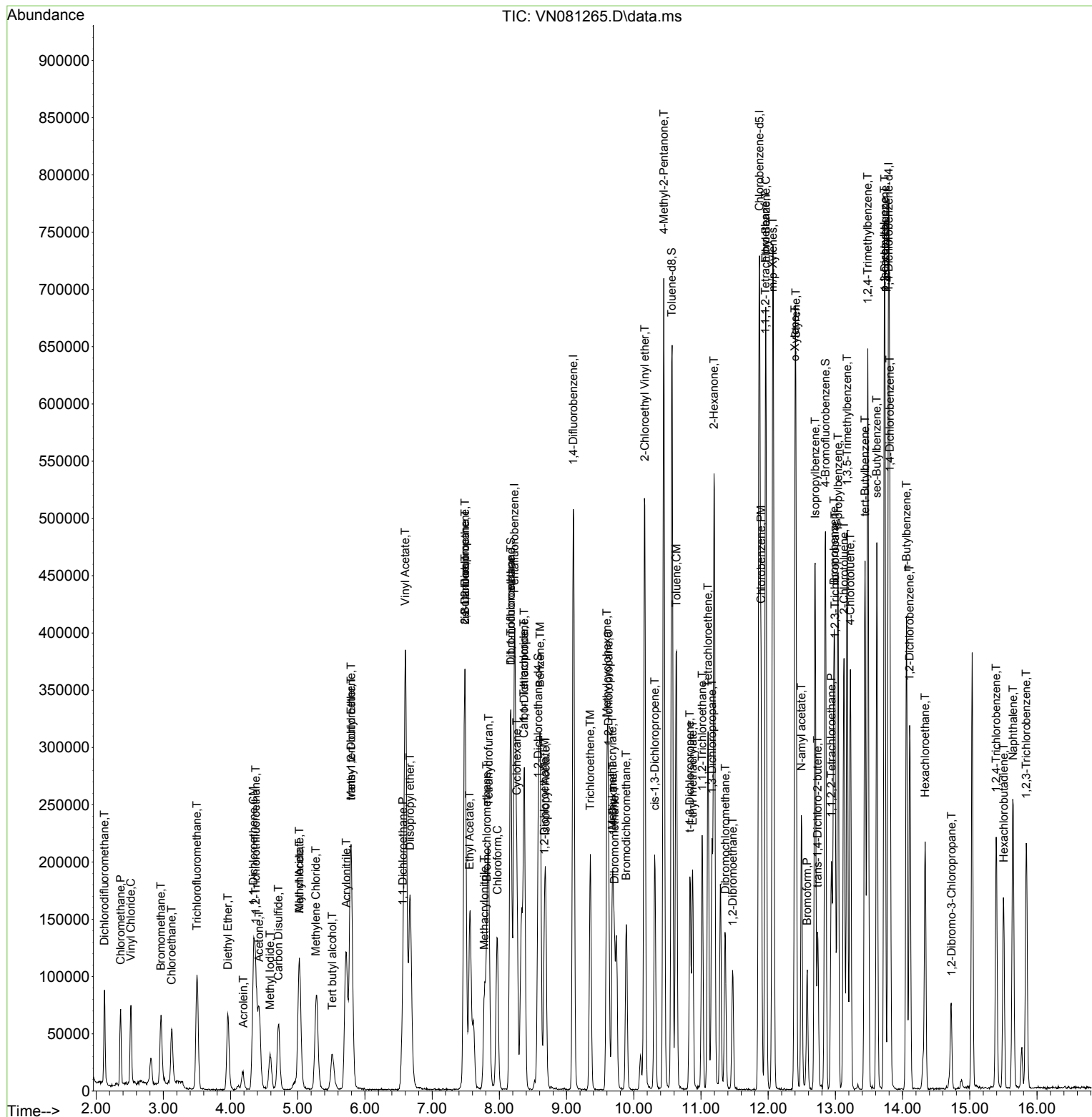
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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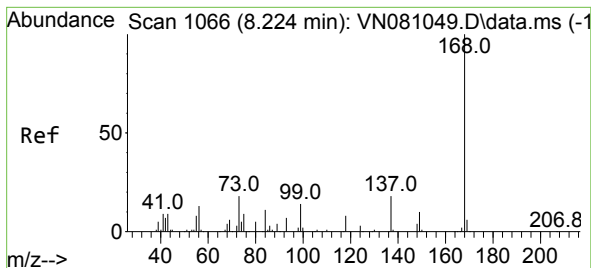
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081265.D

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Instrument :

MSVOA_N

ClientSampleId :

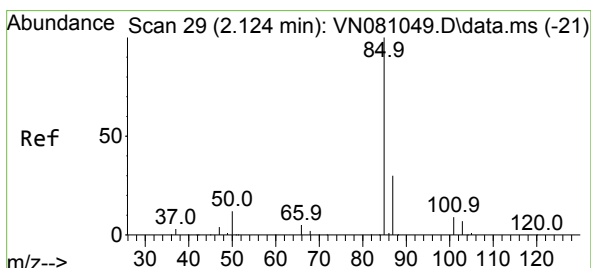
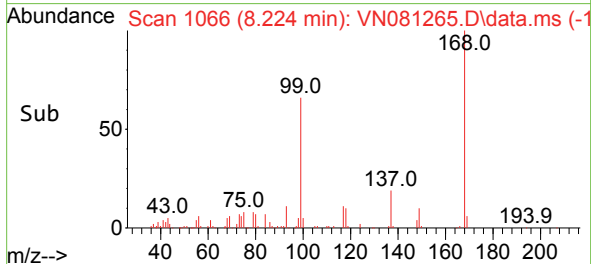
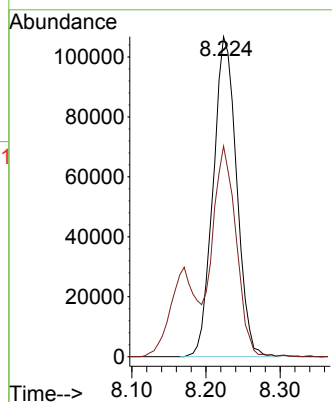
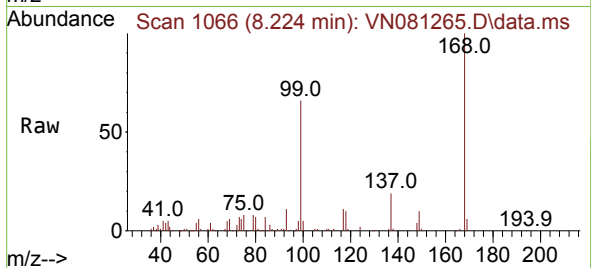
VN0229WBS01

Tgt Ion:168 Resp: 235169

Ion Ratio Lower Upper

168 100

99 65.4 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 20.974 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081265.D

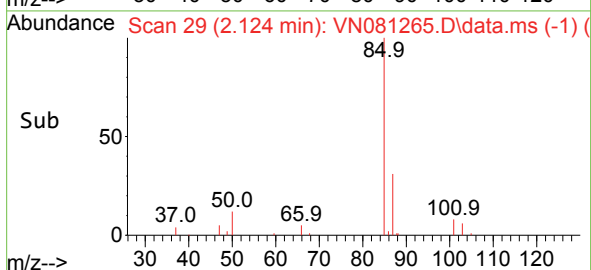
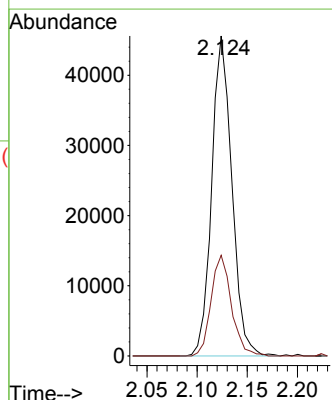
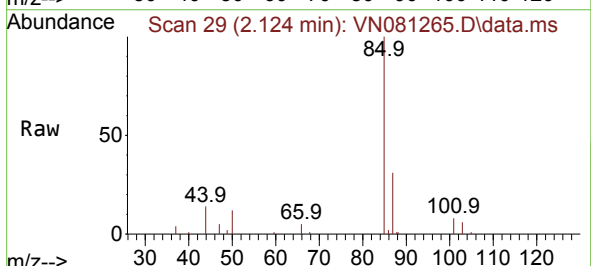
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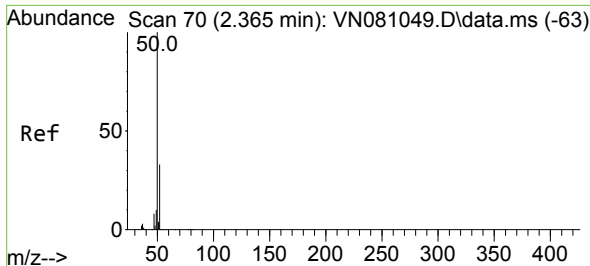
Tgt Ion: 85 Resp: 63789

Ion Ratio Lower Upper

85 100

87 31.5 15.3 45.9

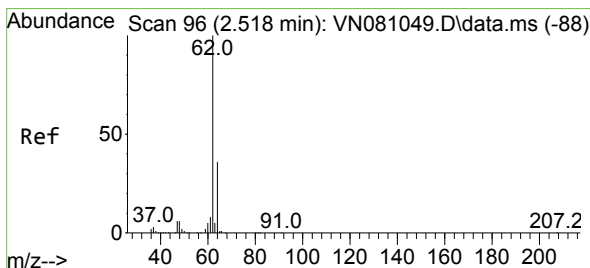
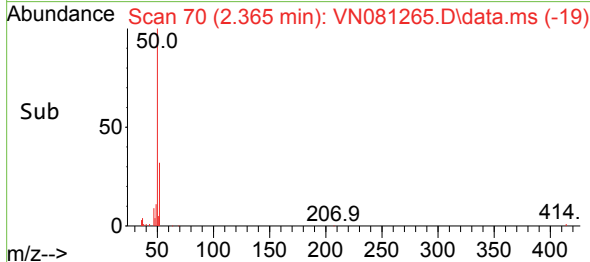
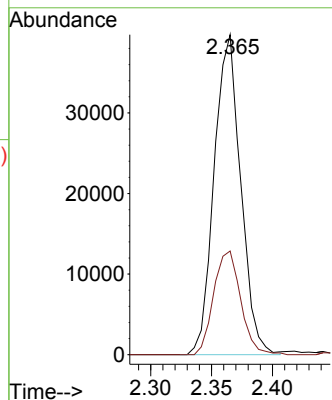
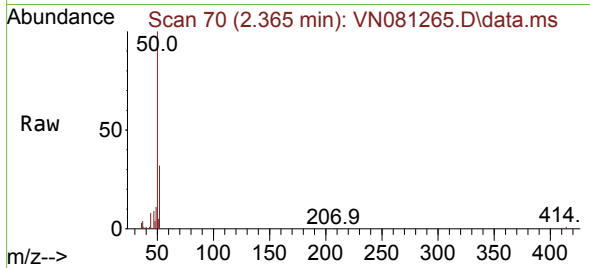




#3
Chloromethane
Concen: 17.360 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081265.D
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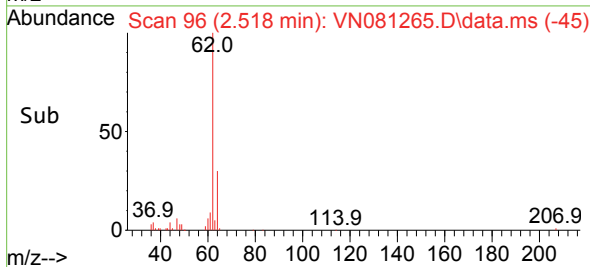
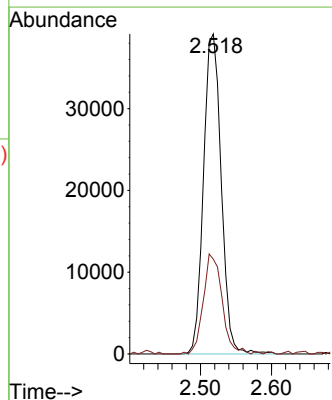
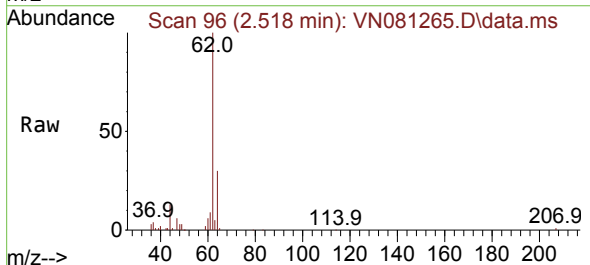
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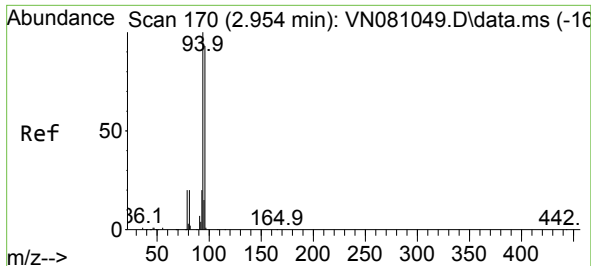
Tgt Ion: 50 Resp: 60161
Ion Ratio Lower Upper
50 100
52 32.4 25.0 37.4



#4
Vinyl Chloride
Concen: 20.121 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081265.D
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Tgt Ion: 62 Resp: 67972
Ion Ratio Lower Upper
62 100
64 29.6 22.7 34.1

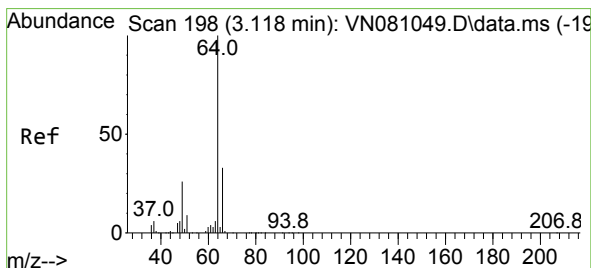
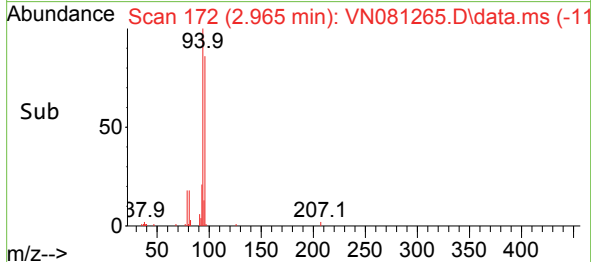
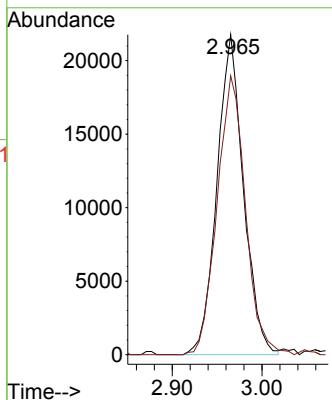
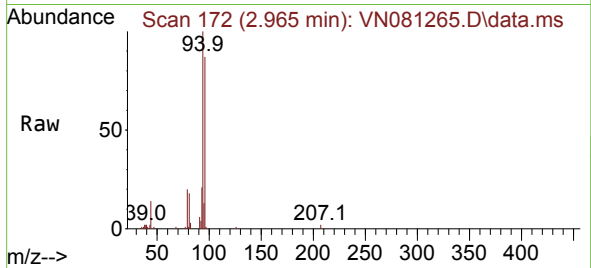




#5
Bromomethane
Concen: 18.614 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081265.D
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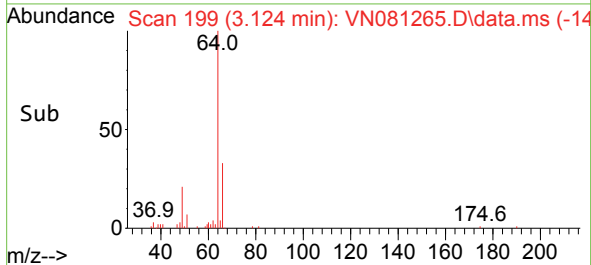
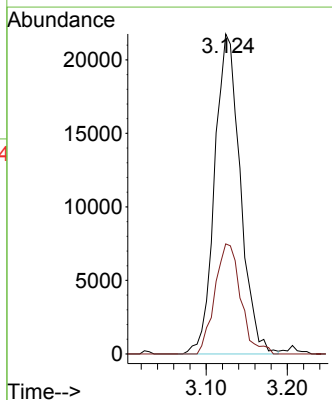
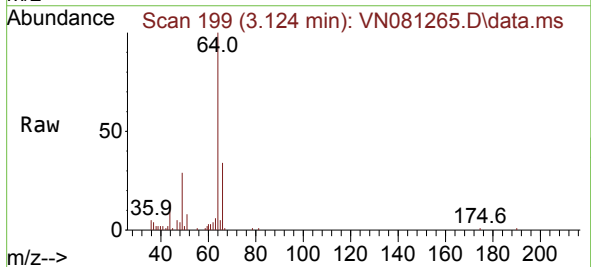
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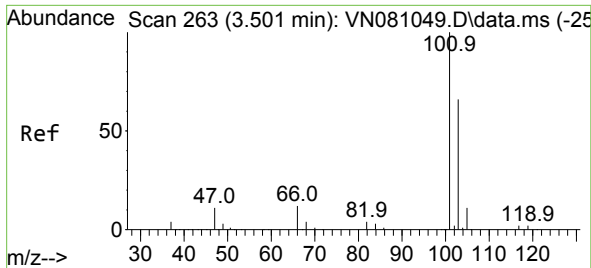
Tgt Ion: 94 Resp: 44662
Ion Ratio Lower Upper
94 100
96 87.2 69.2 103.8



#6
Chloroethane
Concen: 21.337 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 64 Resp: 47708
Ion Ratio Lower Upper
64 100
66 34.4 26.4 39.6

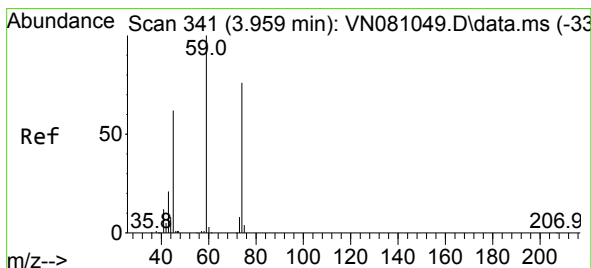
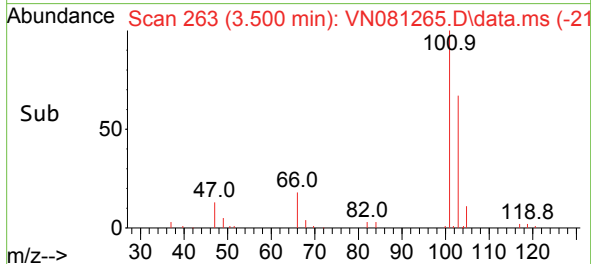
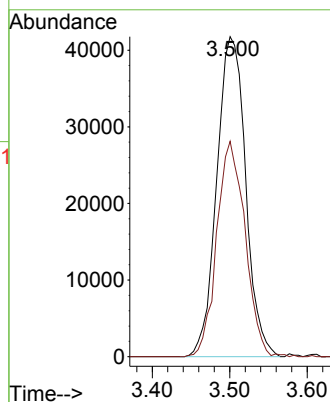
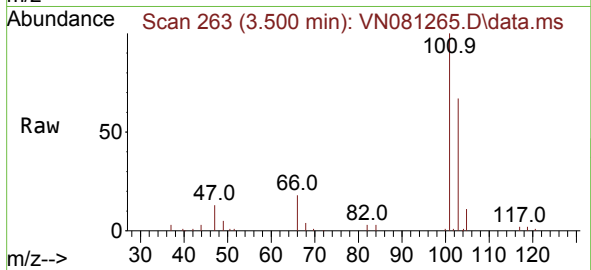




#7
Trichlorofluoromethane
Concen: 21.940 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

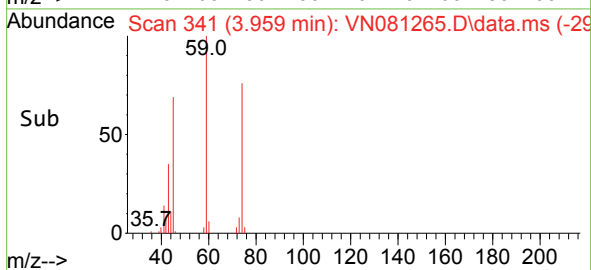
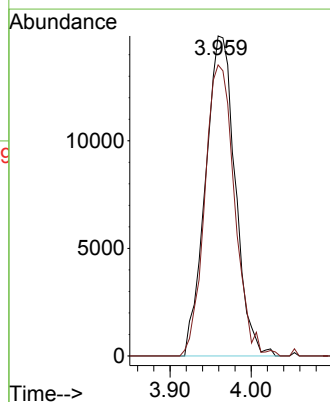
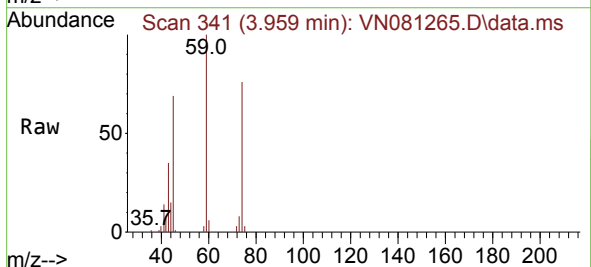
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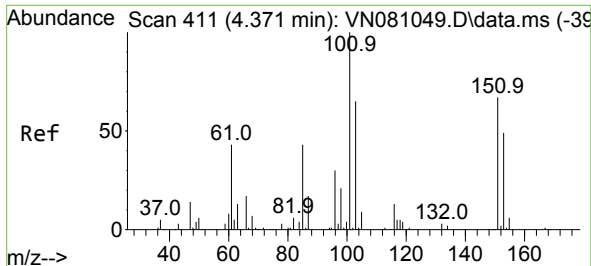
Tgt Ion:101 Resp: 108276
Ion Ratio Lower Upper
101 100
103 67.3 54.4 81.6



#8
Diethyl Ether
Concen: 20.983 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 37860
Ion Ratio Lower Upper
74 100
45 91.1 53.3 159.9

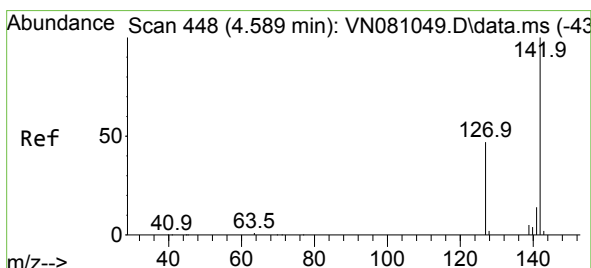
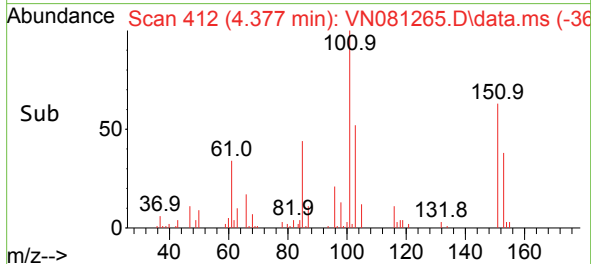
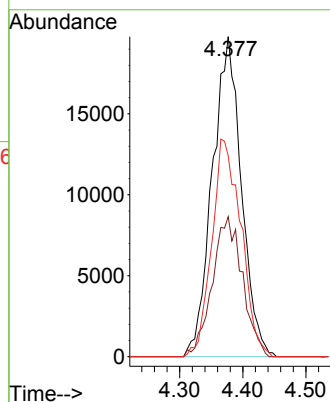
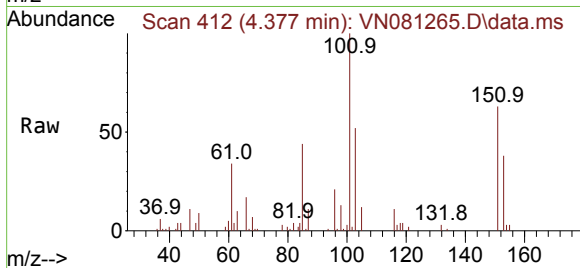




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.949 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

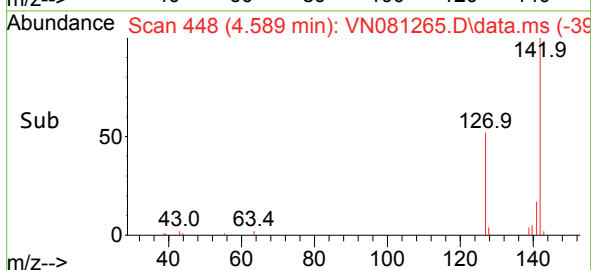
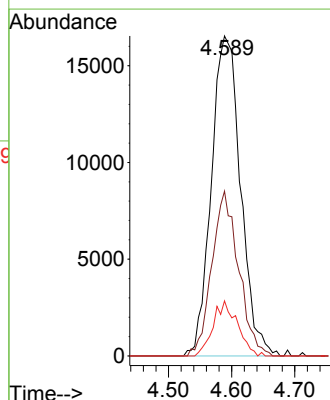
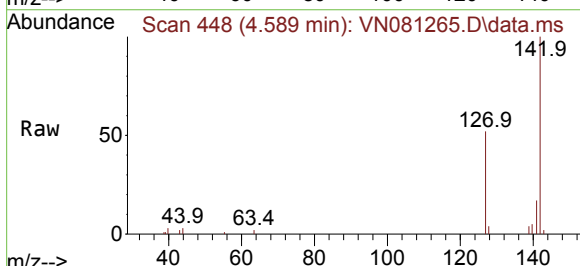
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

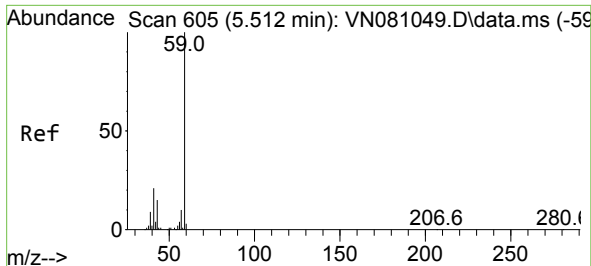
Tgt Ion:101 Resp: 63138
Ion Ratio Lower Upper
101 100
85 45.4 38.1 57.1
151 68.4 49.1 73.7



#10
Methyl Iodide
Concen: 17.334 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion:142 Resp: 53233
Ion Ratio Lower Upper
142 100
127 51.5 37.0 55.4
141 17.2 12.5 18.7

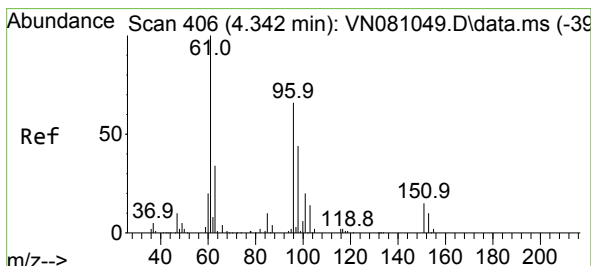
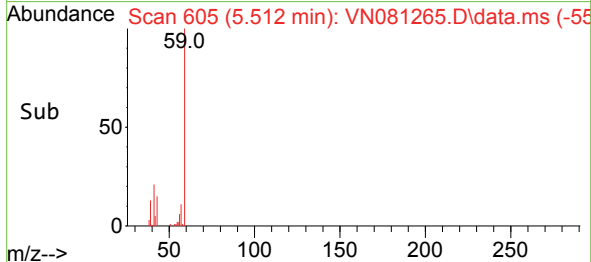
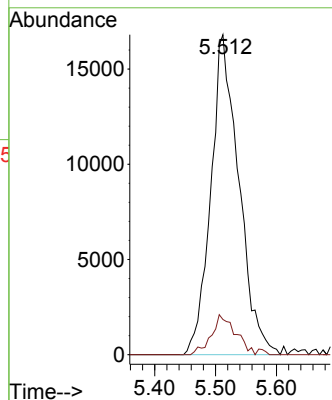
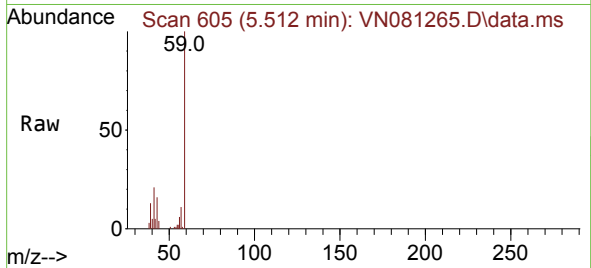




#11
Tert butyl alcohol
Concen: 101.310 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

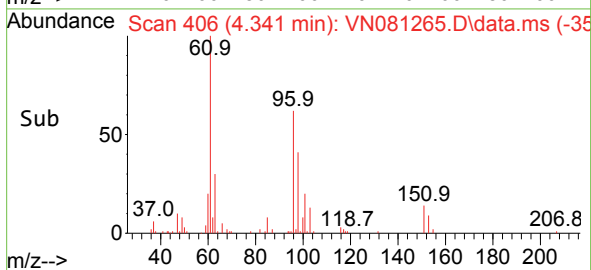
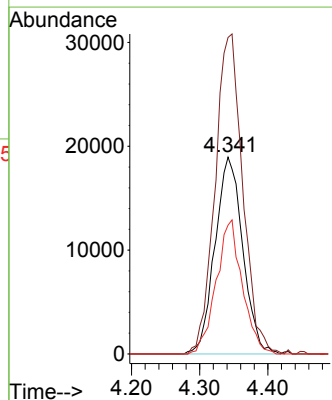
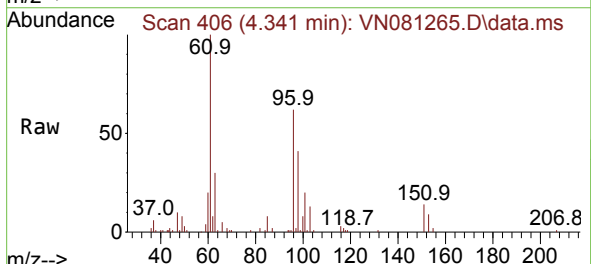
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

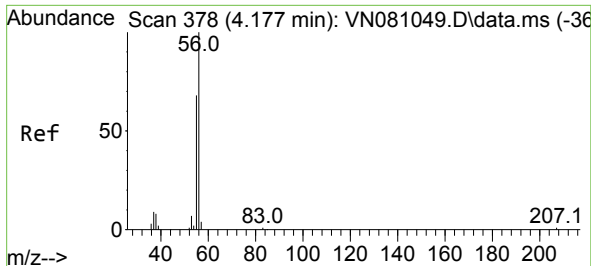
Tgt Ion: 59 Resp: 53705
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.224 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.001 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 96 Resp: 53784
Ion Ratio Lower Upper
96 100
61 160.8 138.2 207.4
98 65.5 49.2 73.8

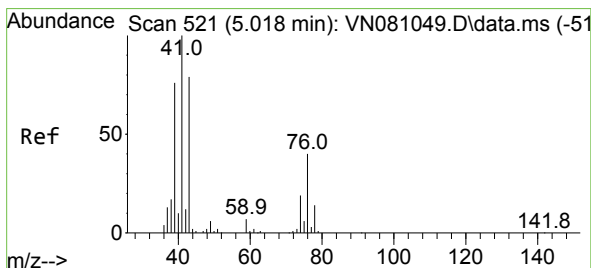
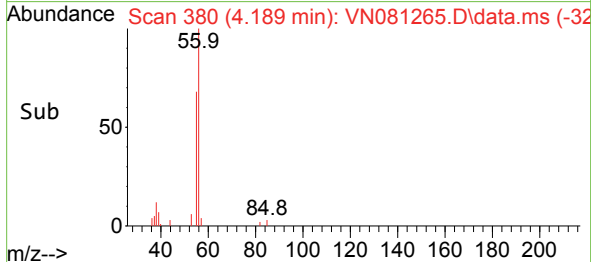
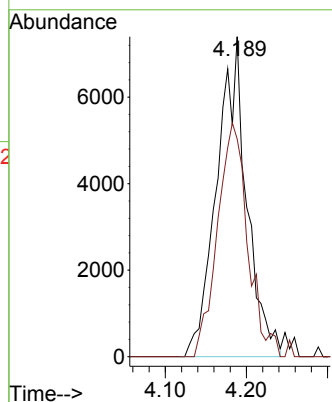
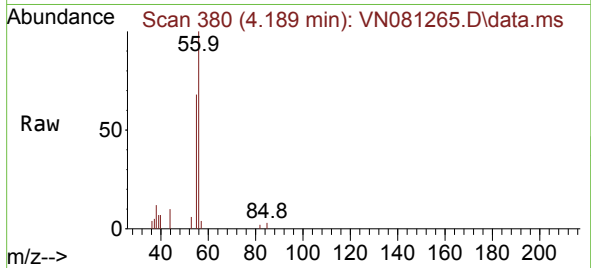




#13
Acrolein
Concen: 66.626 ug/l
RT: 4.189 min Scan# 378
Delta R.T. 0.012 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

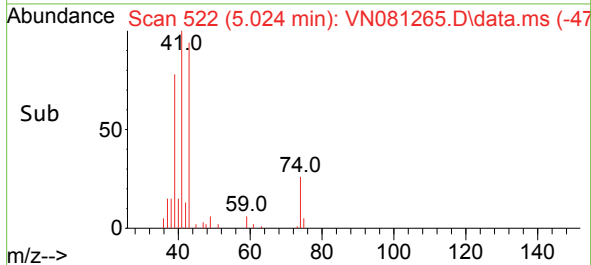
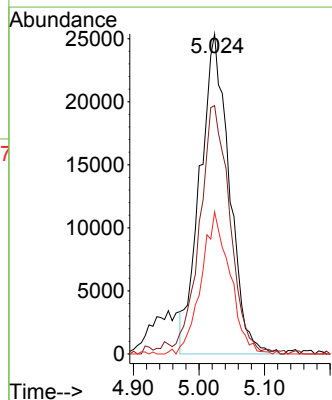
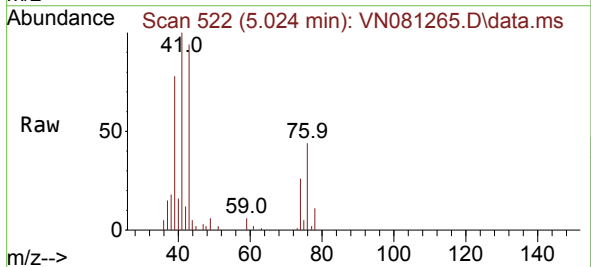
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

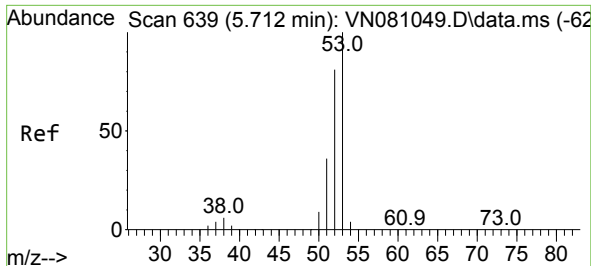
Tgt Ion: 56 Resp: 18930
Ion Ratio Lower Upper
56 100
55 73.9 55.3 82.9



#14
Allyl chloride
Concen: 19.945 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 41 Resp: 78704
Ion Ratio Lower Upper
41 100
39 80.4 57.7 86.5
76 43.7 26.8 40.2#

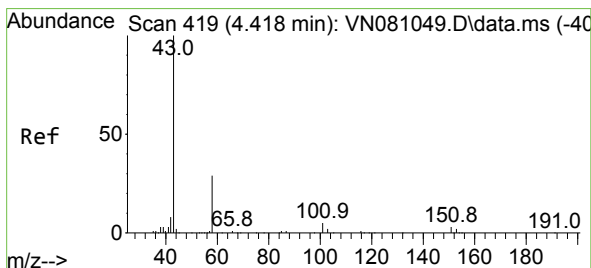
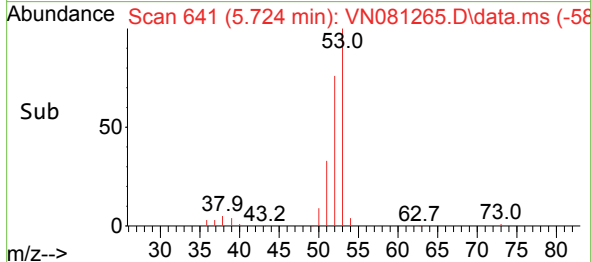
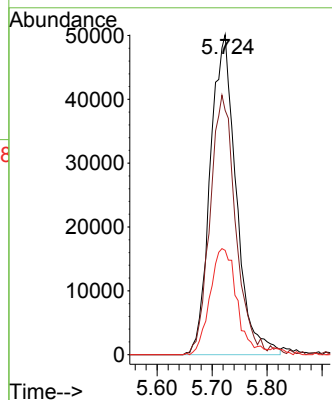
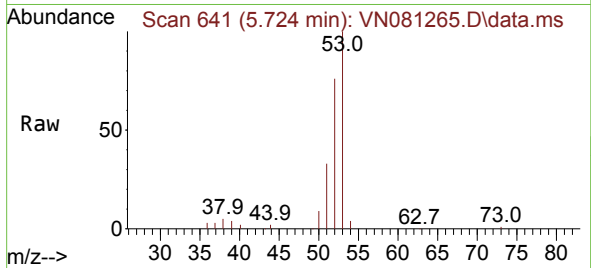




#15
Acrylonitrile
Concen: 118.637 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

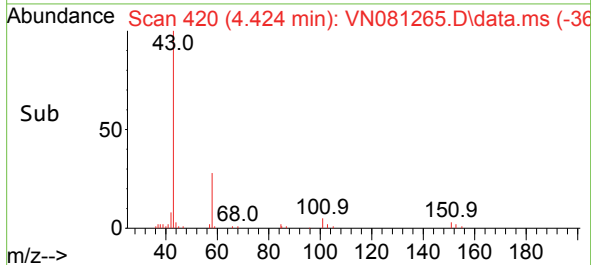
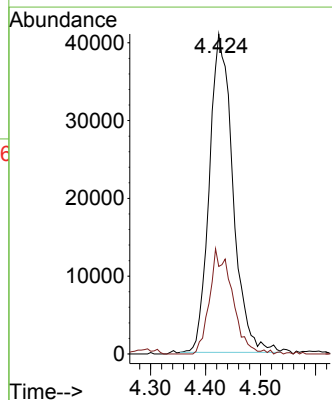
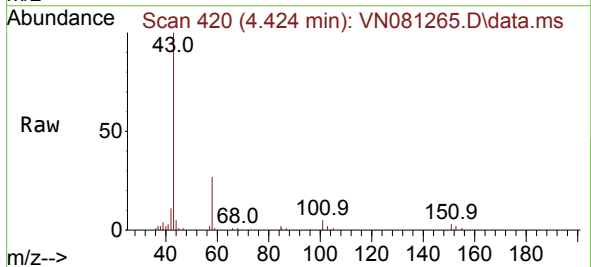
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

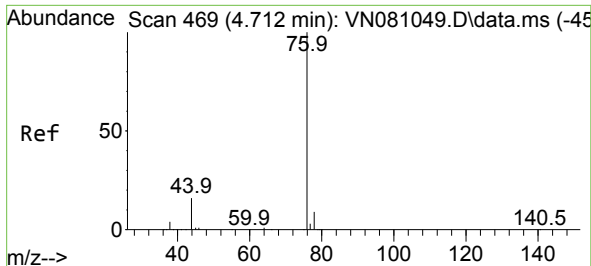
Tgt Ion: 53 Resp: 164248
Ion Ratio Lower Upper
53 100
52 79.7 64.8 97.2
51 34.6 26.9 40.3



#16
Acetone
Concen: 107.418 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 43 Resp: 121834
Ion Ratio Lower Upper
43 100
58 27.5 24.8 37.2

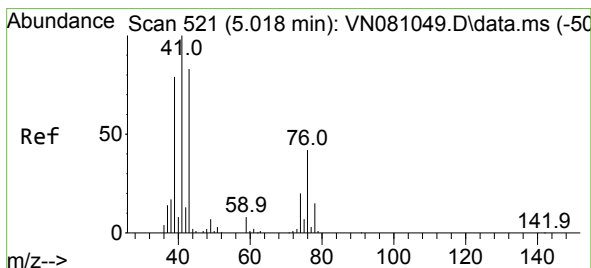
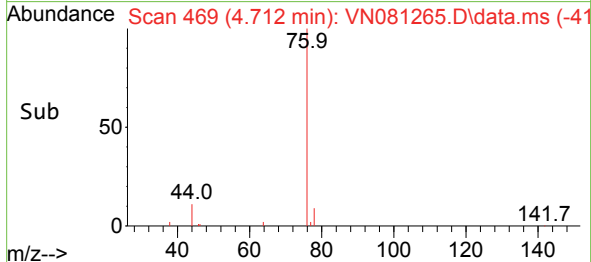
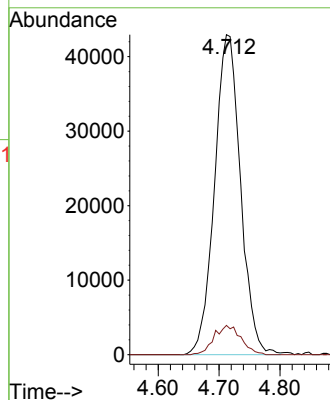
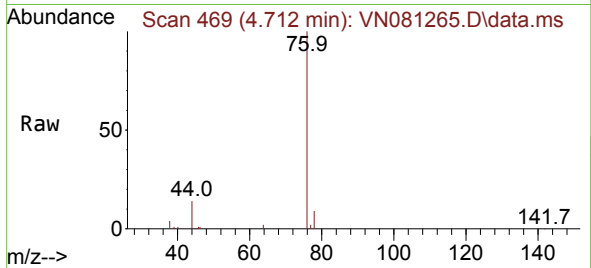




#17
Carbon Disulfide
Concen: 17.131 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

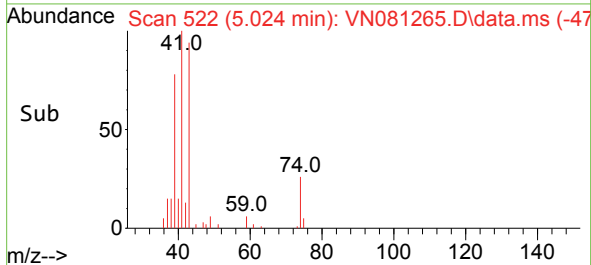
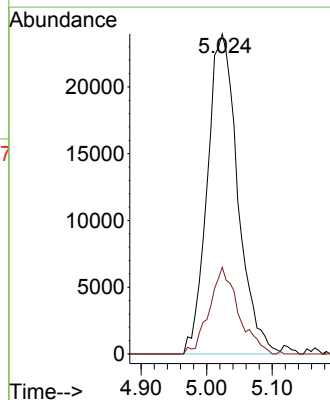
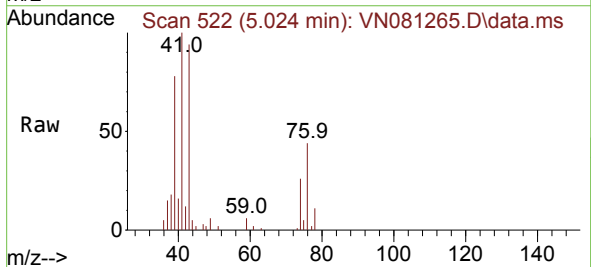
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

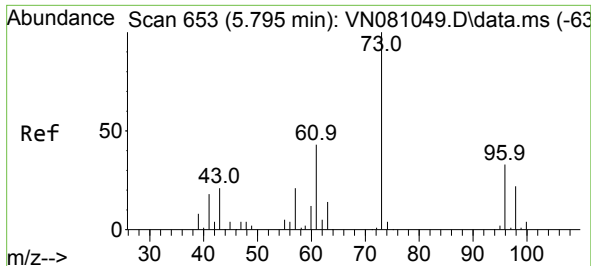
Tgt Ion: 76 Resp: 127073
Ion Ratio Lower Upper
76 100
78 9.2 6.3 9.5



#18
Methyl Acetate
Concen: 28.033 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 43 Resp: 77564
Ion Ratio Lower Upper
43 100
74 25.9 17.3 25.9

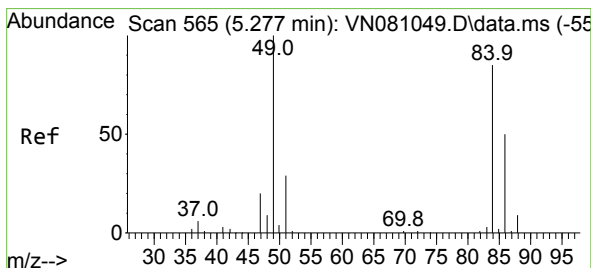
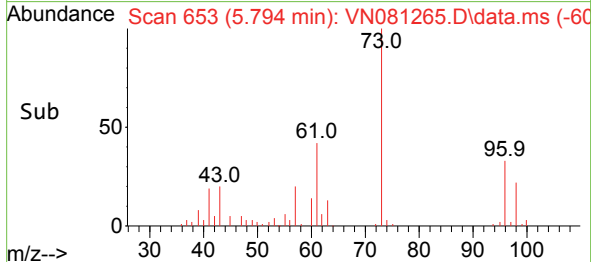
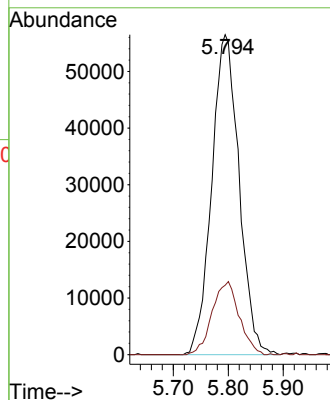
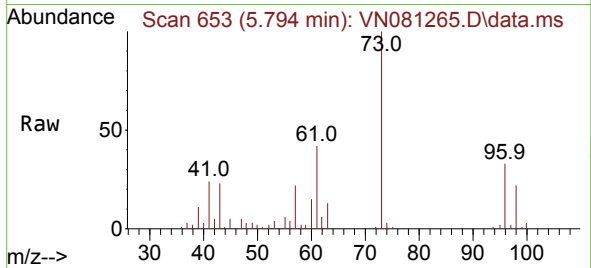




#19
Methyl tert-butyl Ether
Concen: 21.419 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

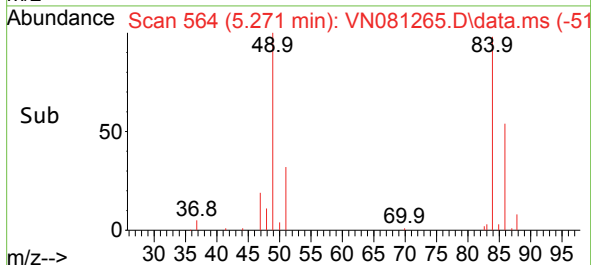
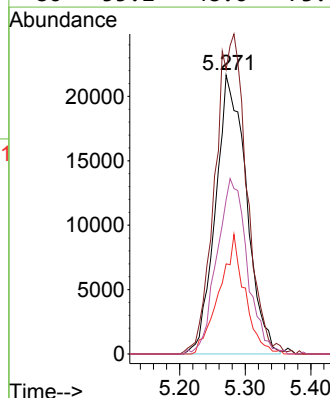
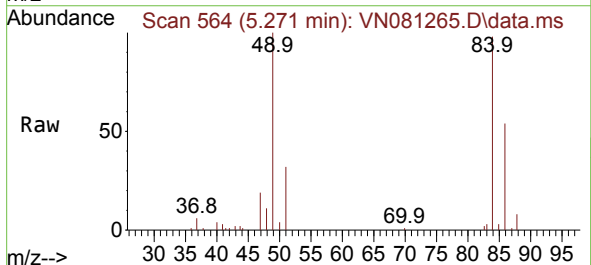
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

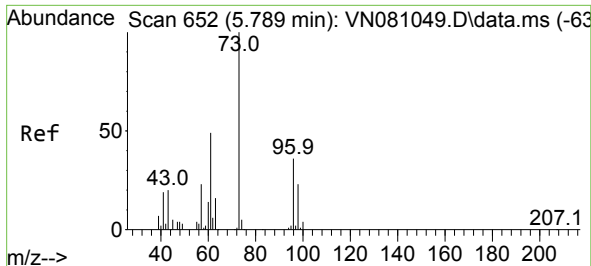
Tgt Ion: 73 Resp: 195101
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.4



#20
Methylene Chloride
Concen: 23.645 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 84 Resp: 70816
Ion Ratio Lower Upper
84 100
49 102.1 108.1 162.1#
51 32.3 32.9 49.3#
86 55.2 48.6 73.0

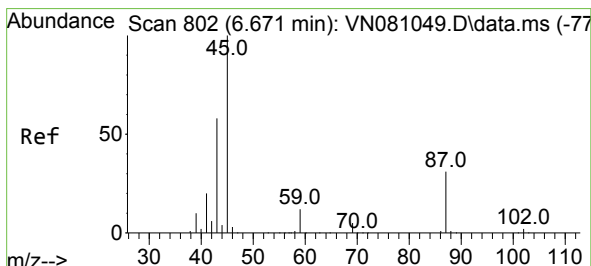
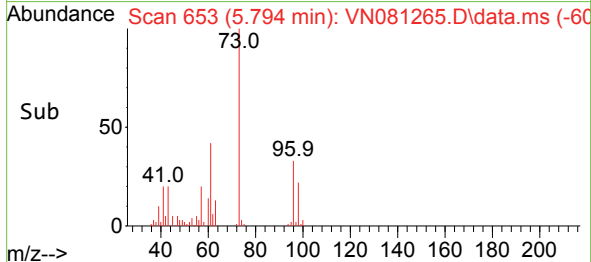
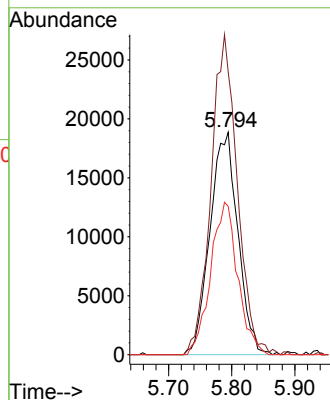
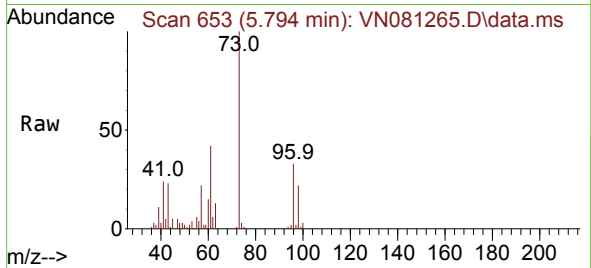




#21
trans-1,2-Dichloroethene
Concen: 19.530 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

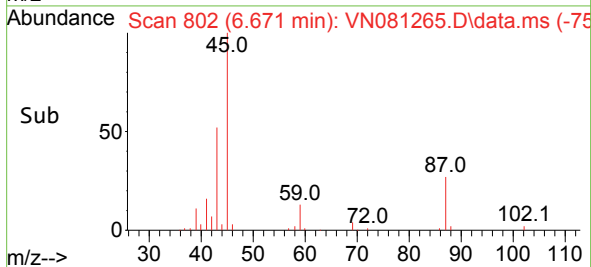
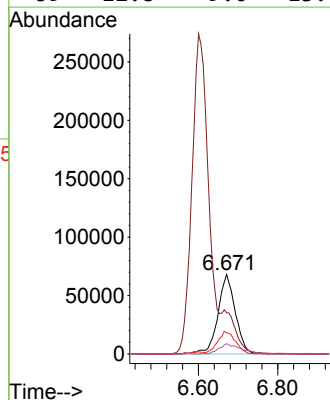
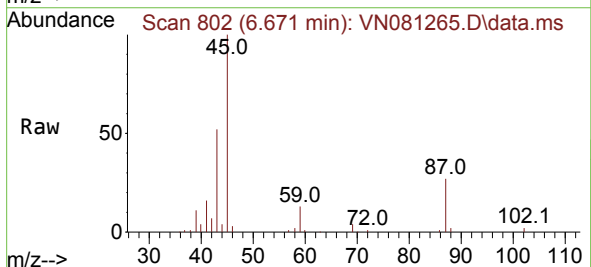
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

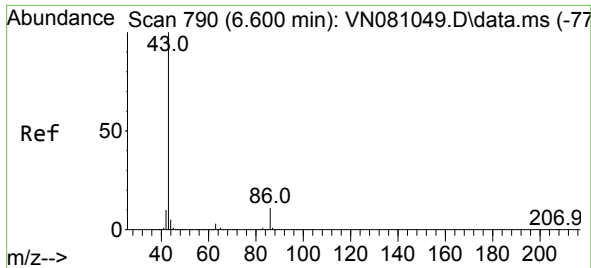
Tgt Ion: 96 Resp: 57948
Ion Ratio Lower Upper
96 100
61 127.1 112.8 169.2
98 66.7 51.0 76.4



#22
Diisopropyl ether
Concen: 23.183 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 45 Resp: 207519
Ion Ratio Lower Upper
45 100
43 51.0 41.8 62.8
87 26.5 18.1 27.1
59 12.8 9.0 13.6

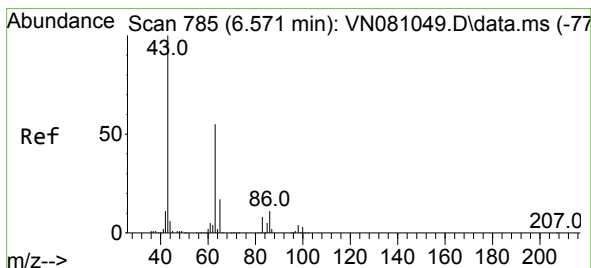
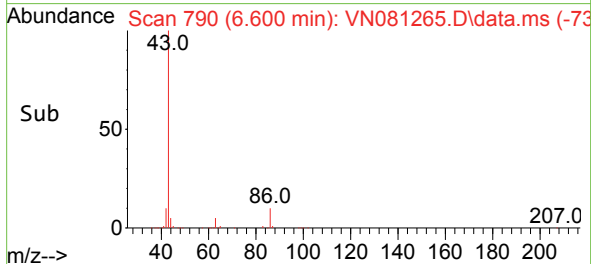
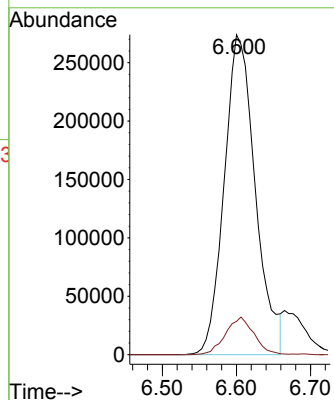
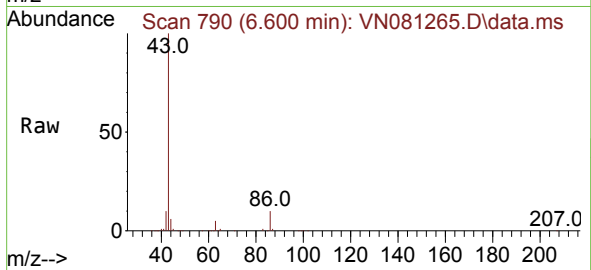




#23
 Vinyl Acetate
 Concen: 110.017 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081265.D
 Acq: 29 Feb 2024 13:28

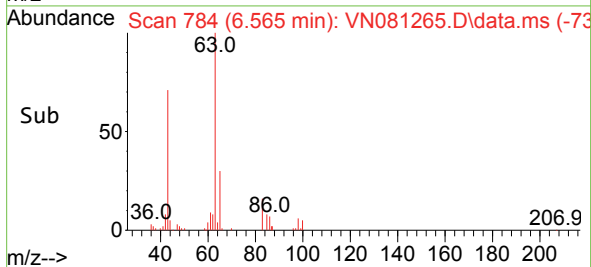
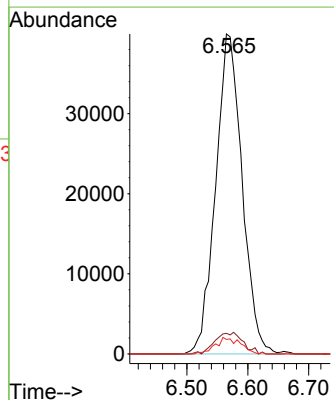
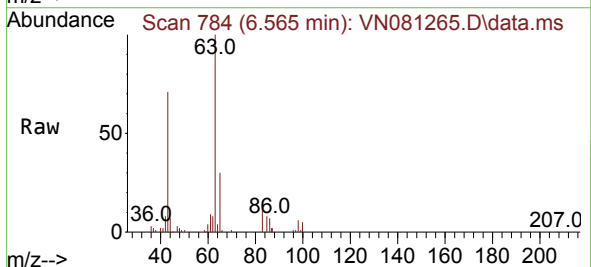
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBS01

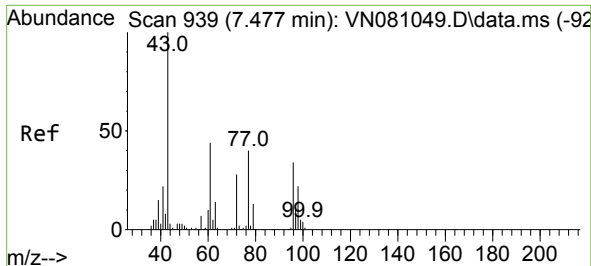
Tgt Ion: 43 Resp: 799000
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 23.318 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081265.D
 Acq: 29 Feb 2024 13:28

Tgt Ion: 63 Resp: 120689
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.6
 100 4.5 1.9 5.7

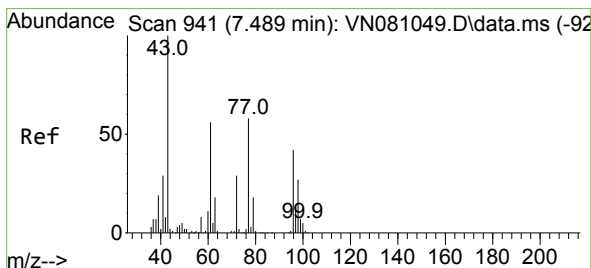
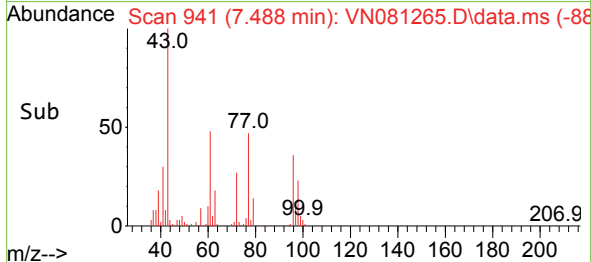
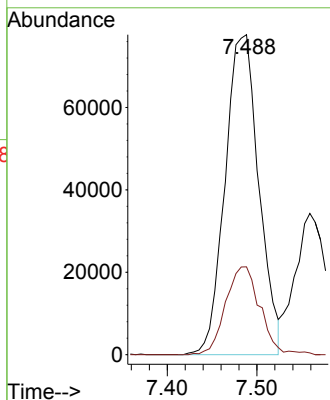
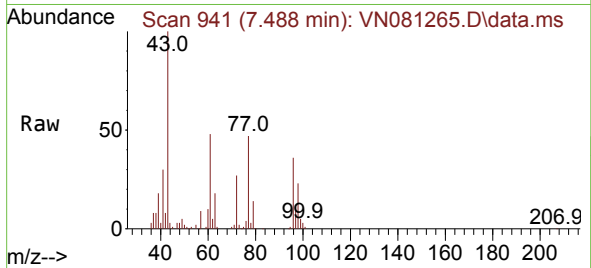




#25
2-Butanone
Concen: 110.778 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

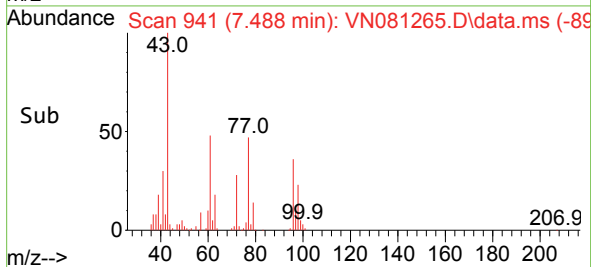
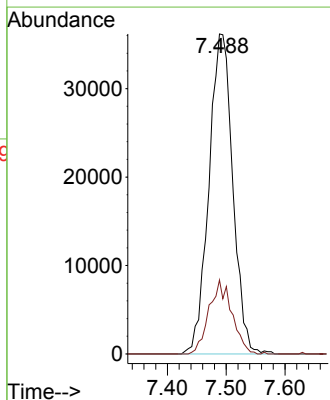
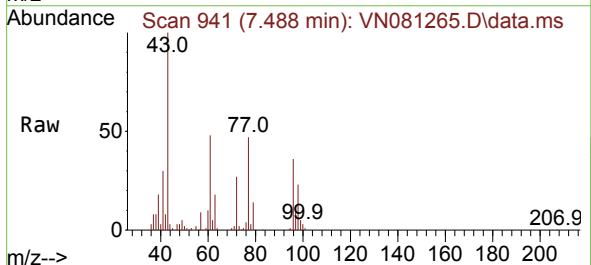
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

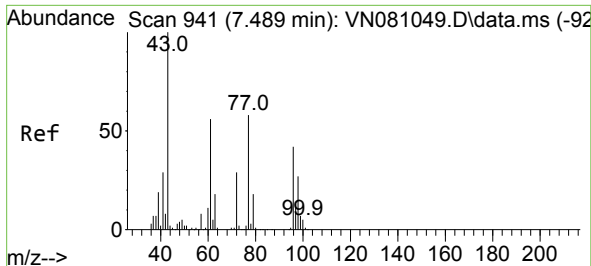
Tgt Ion: 43 Resp: 202984
Ion Ratio Lower Upper
43 100
72 27.4 19.5 29.3



#26
2,2-Dichloropropane
Concen: 21.050 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 77 Resp: 102084
Ion Ratio Lower Upper
77 100
97 22.1 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 21.291 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN081265.D

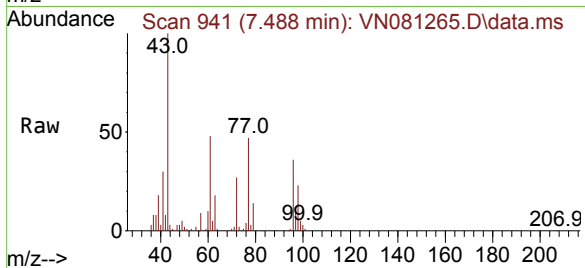
Acq: 29 Feb 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS01



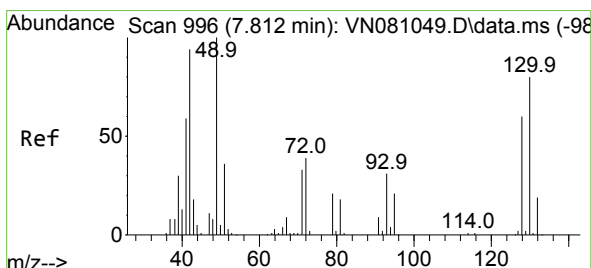
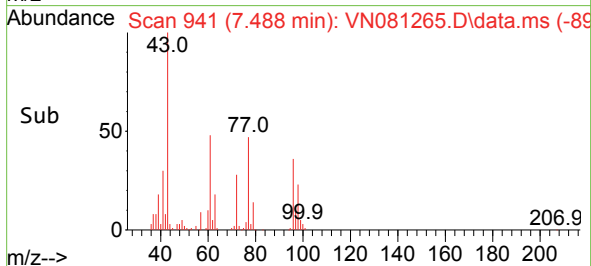
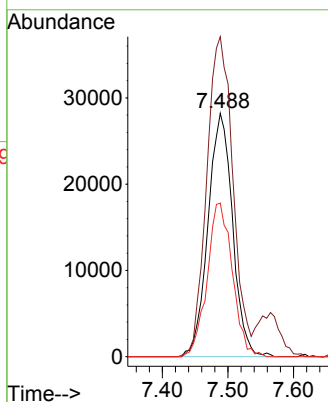
Tgt Ion: 96 Resp: 73397

Ion Ratio Lower Upper

96 100

61 139.9 0.0 325.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 24.596 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN081265.D

Acq: 29 Feb 2024 13:28

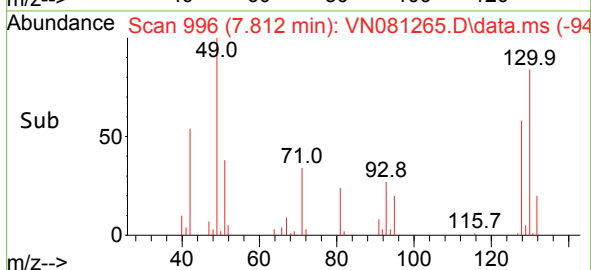
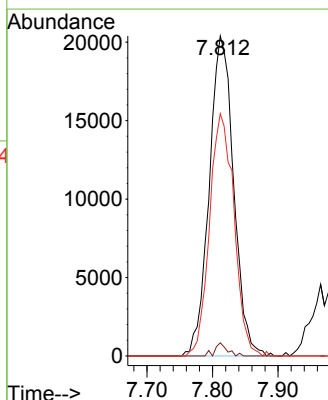
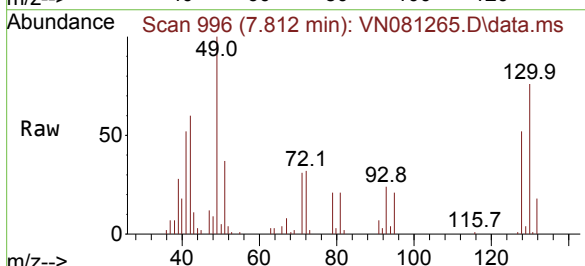
Tgt Ion: 49 Resp: 52777

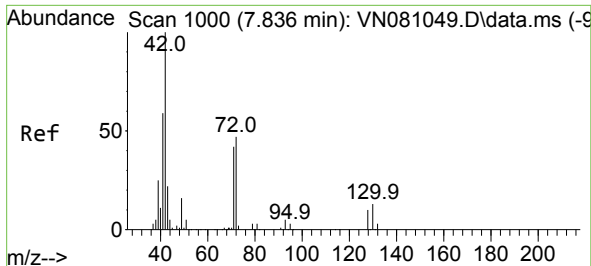
Ion Ratio Lower Upper

49 100

129 2.1 0.0 1.6#

130 75.6 42.3 63.5#

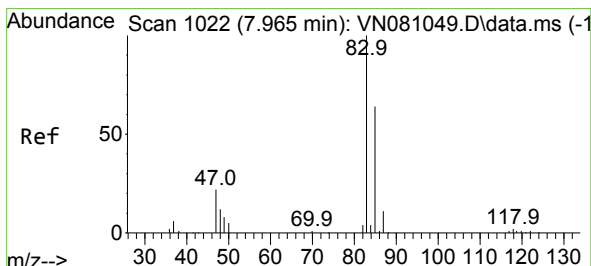
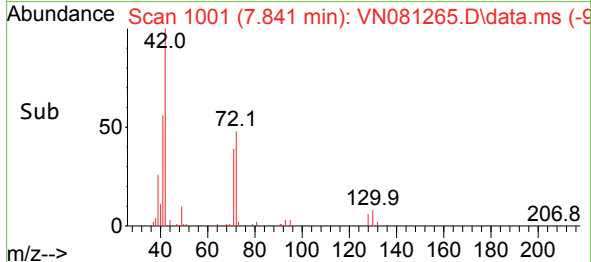
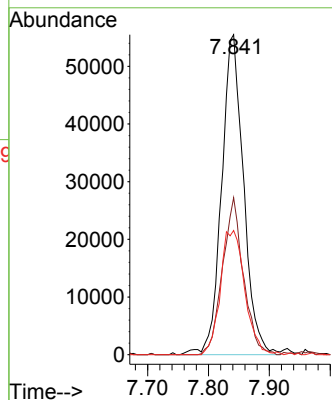
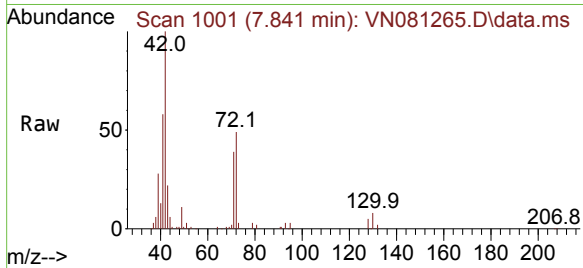




#29
Tetrahydrofuran
Concen: 113.814 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

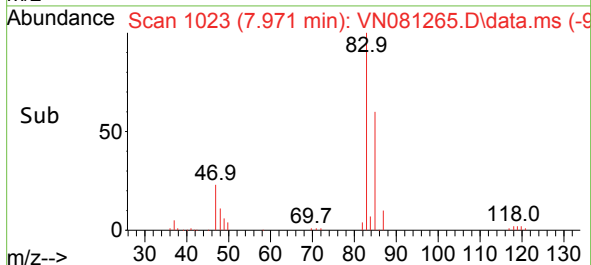
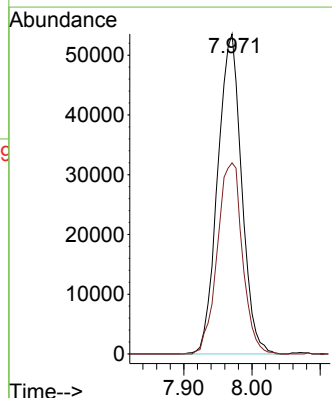
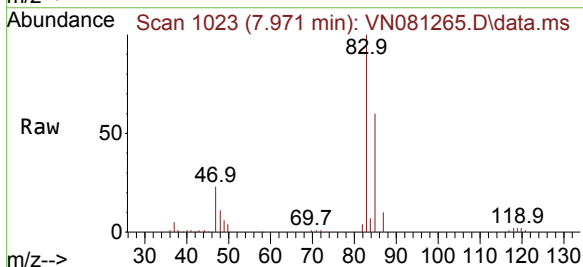
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

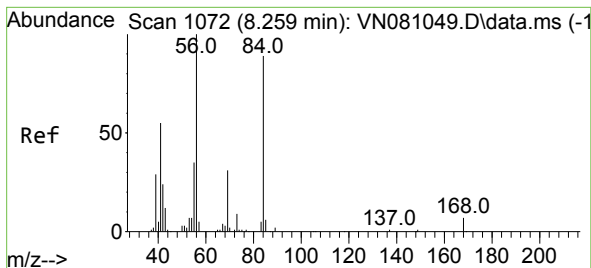
Tgt Ion: 42 Resp: 139214
Ion Ratio Lower Upper
42 100
72 46.7 31.1 46.7#
71 43.2 28.3 42.5#



#30
Chloroform
Concen: 23.786 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 83 Resp: 130876
Ion Ratio Lower Upper
83 100
85 59.7 51.0 76.6





#31

Cyclohexane

Concen: 19.736 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN081265.D

Acq: 29 Feb 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS01

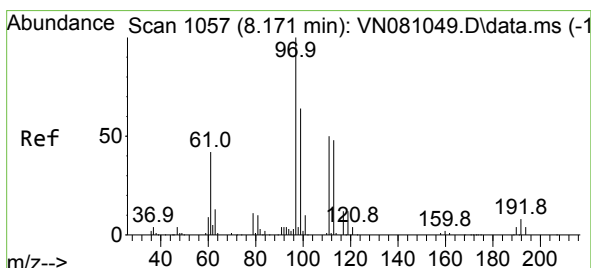
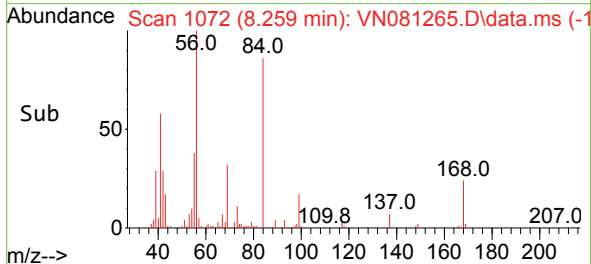
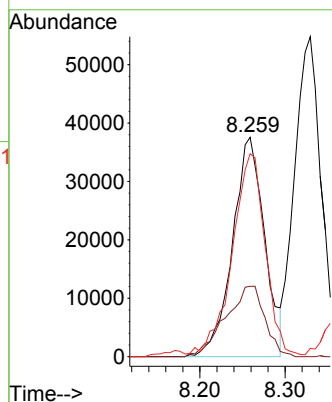
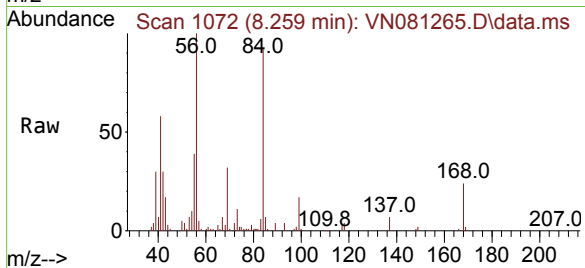
Tgt Ion: 56 Resp: 98229

Ion Ratio Lower Upper

56 100

69 32.1 20.1 30.1#

84 90.0 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 22.493 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN081265.D

Acq: 29 Feb 2024 13:28

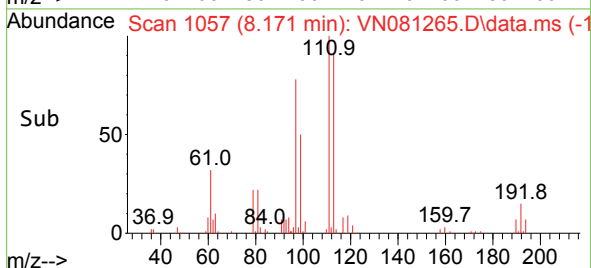
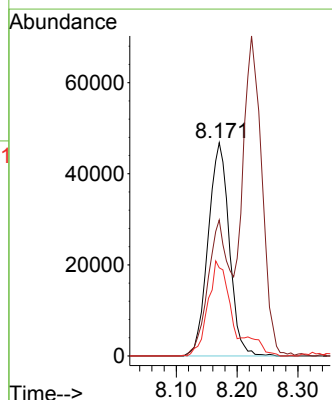
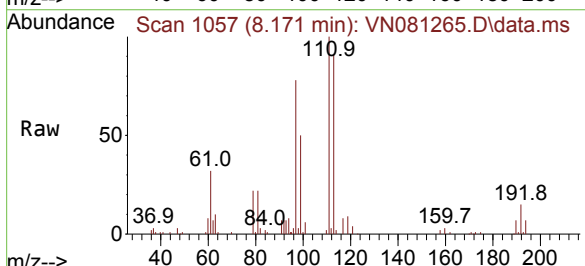
Tgt Ion: 97 Resp: 112712

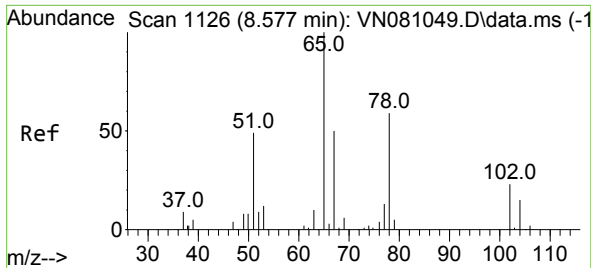
Ion Ratio Lower Upper

97 100

99 64.1 53.4 80.0

61 45.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 56.100 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081265.D

Acq: 29 Feb 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

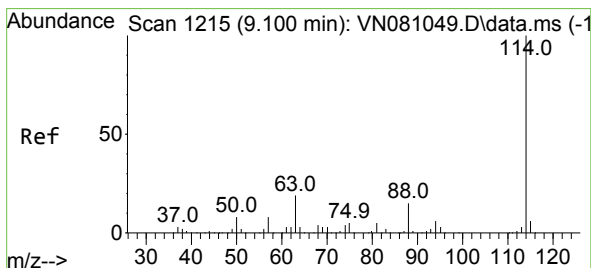
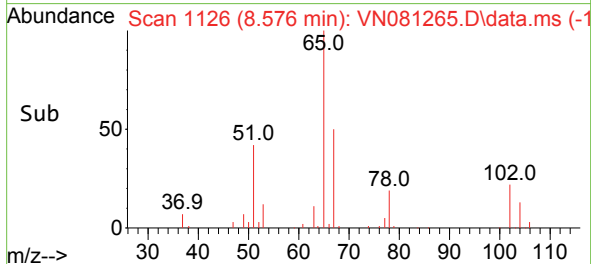
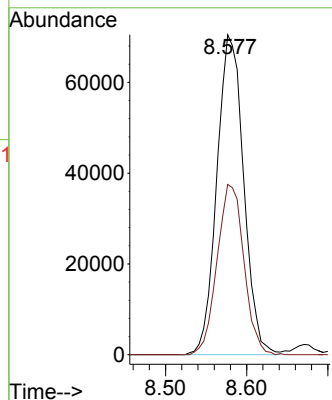
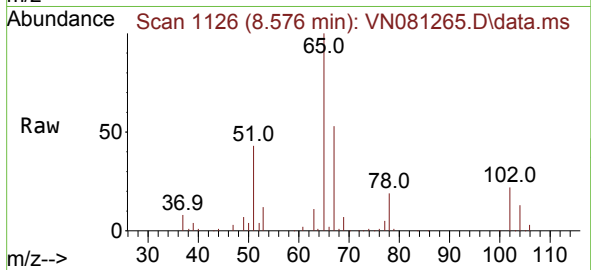
VN0229WBS01

Tgt Ion: 65 Resp: 161710

Ion Ratio Lower Upper

65 100

67 53.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081265.D

Acq: 29 Feb 2024 13:28

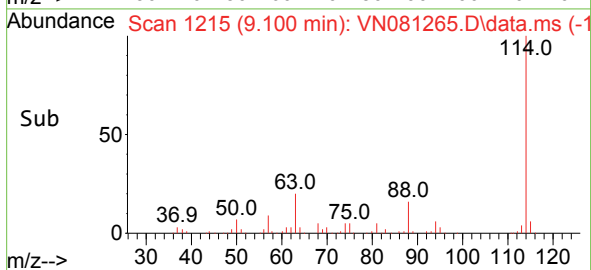
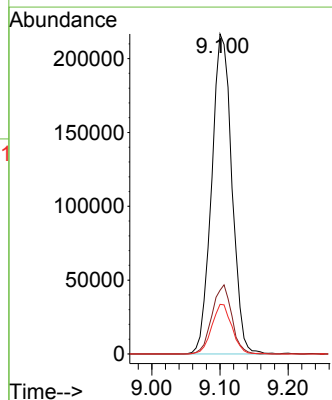
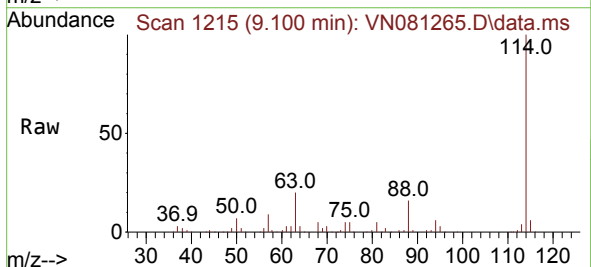
Tgt Ion: 114 Resp: 448258

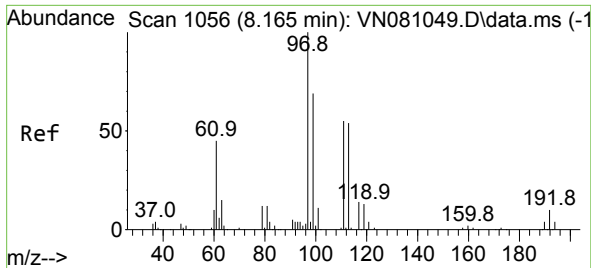
Ion Ratio Lower Upper

114 100

63 19.9 0.0 48.0

88 15.5 0.0 34.8

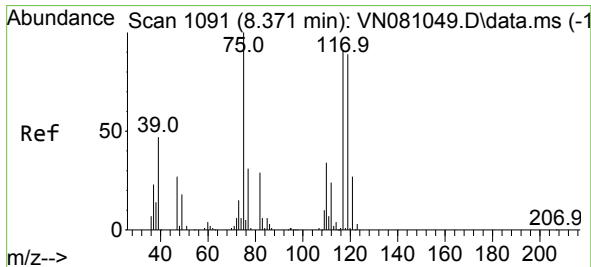
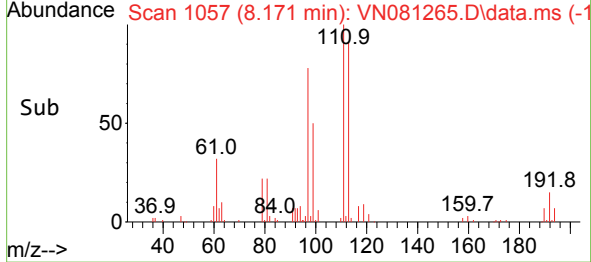
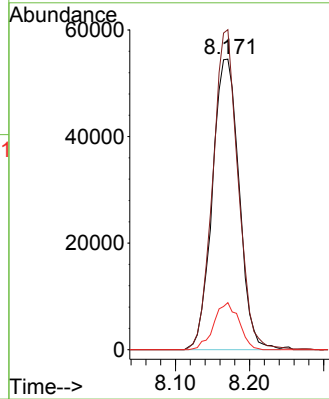
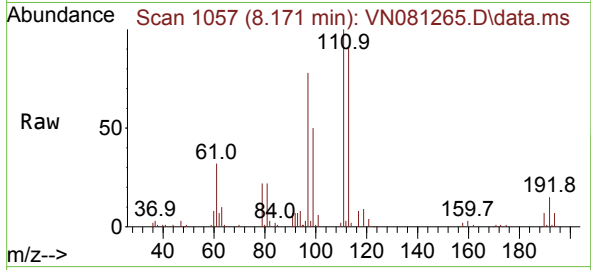




#35
Dibromofluoromethane
Concen: 53.934 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

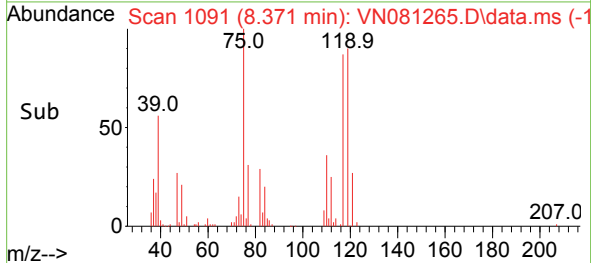
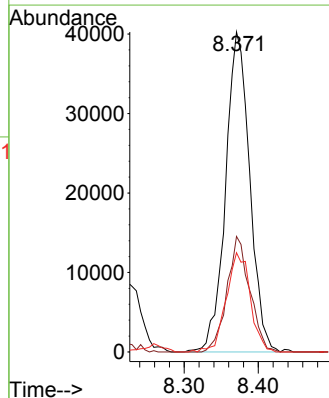
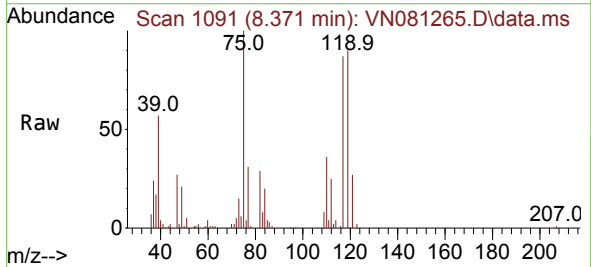
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

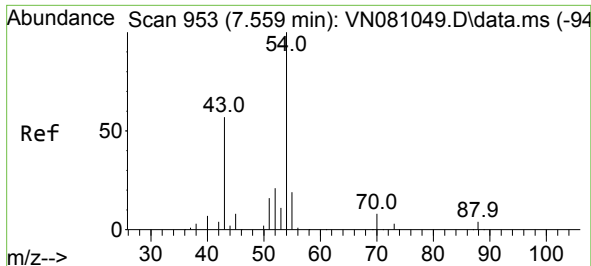
Tgt Ion:113 Resp: 136710
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 15.3 12.5 18.7



#36
1,1-Dichloropropene
Concen: 20.971 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 75 Resp: 91070
Ion Ratio Lower Upper
75 100
110 34.1 16.0 48.0
77 30.8 25.8 38.6





#37

Ethyl Acetate

Concen: 22.525 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN081265.D

Acq: 29 Feb 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS01

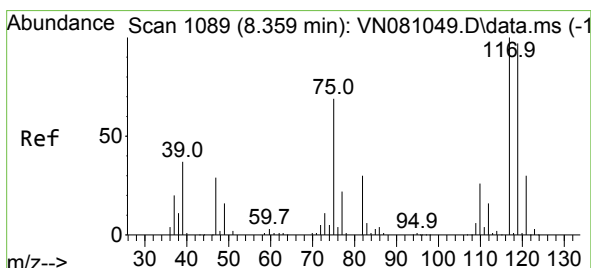
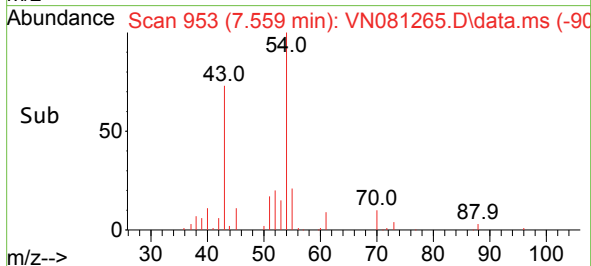
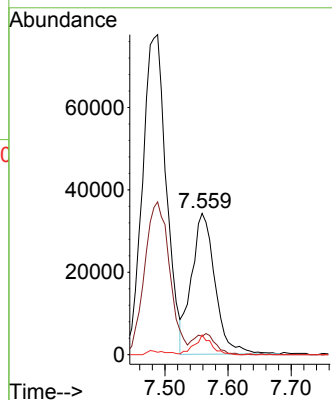
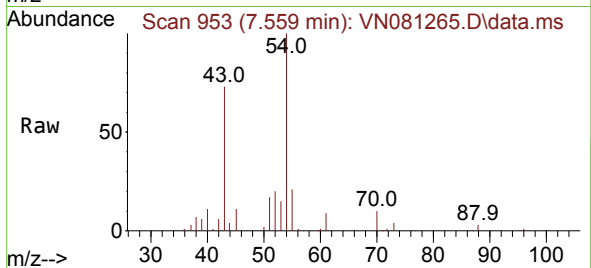
Tgt Ion: 43 Resp: 88282

Ion Ratio Lower Upper

43 100

61 14.0 10.6 15.8

70 10.0 8.0 12.0



#38

Carbon Tetrachloride

Concen: 21.252 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN081265.D

Acq: 29 Feb 2024 13:28

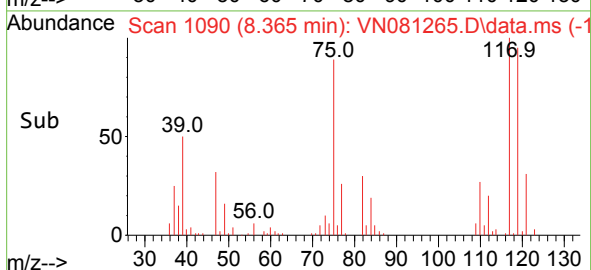
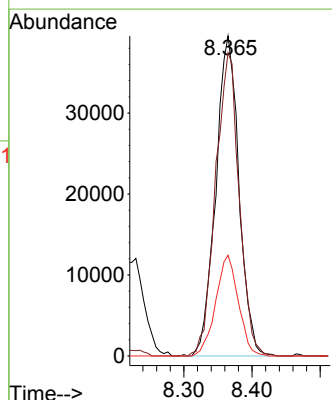
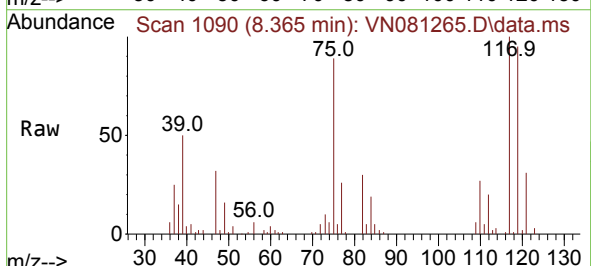
Tgt Ion: 117 Resp: 93373

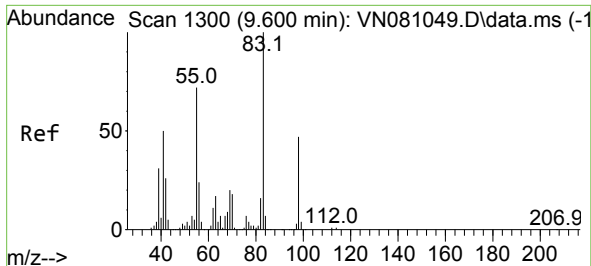
Ion Ratio Lower Upper

117 100

119 94.8 73.4 110.2

121 31.4 24.4 36.6





#39

Methylcyclohexane

Concen: 19.492 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081265.D

Acq: 29 Feb 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS01

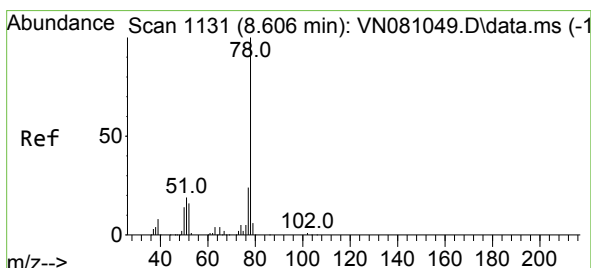
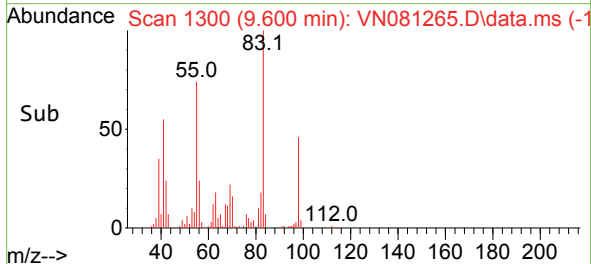
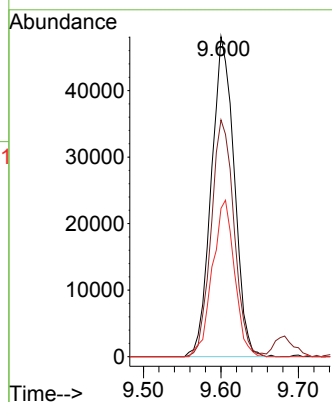
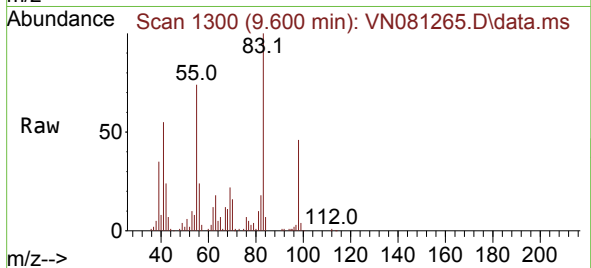
Tgt Ion: 83 Resp: 98674

Ion Ratio Lower Upper

83 100

55 74.0 65.7 98.5

98 46.4 33.8 50.6



#40

Benzene

Concen: 21.545 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081265.D

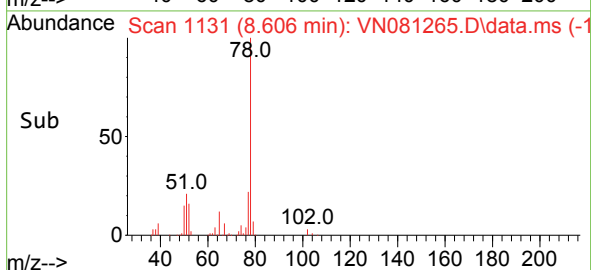
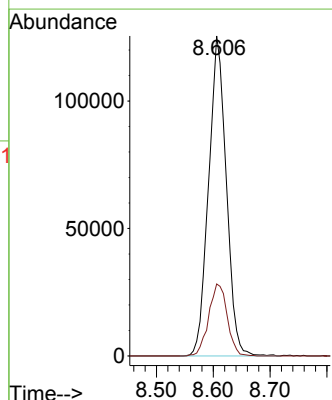
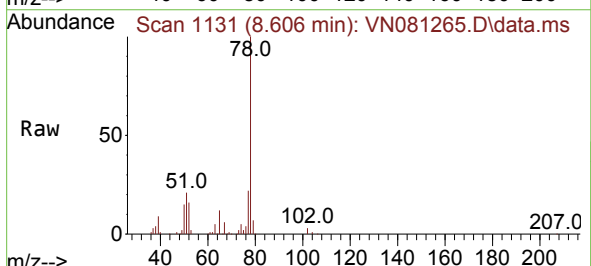
Acq: 29 Feb 2024 13:28

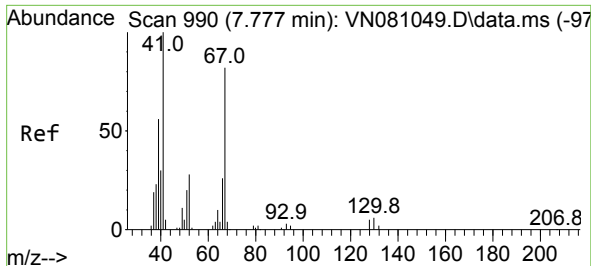
Tgt Ion: 78 Resp: 270806

Ion Ratio Lower Upper

78 100

77 22.5 20.4 30.6

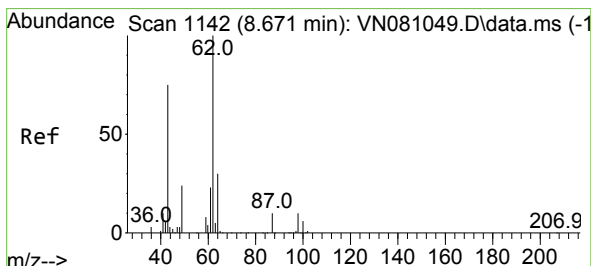
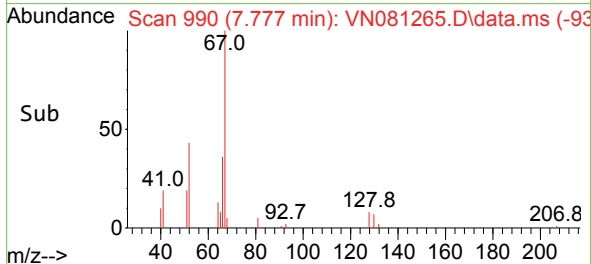
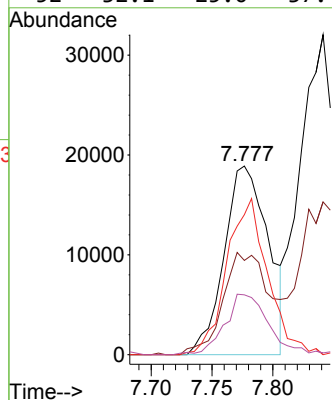
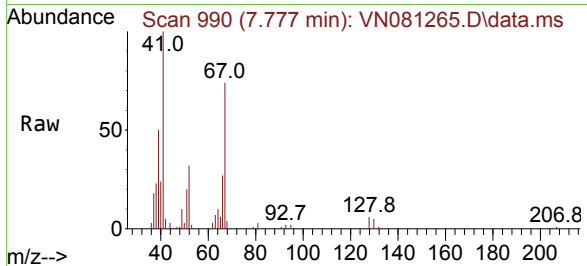




#41
Methacrylonitrile
Concen: 21.337 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

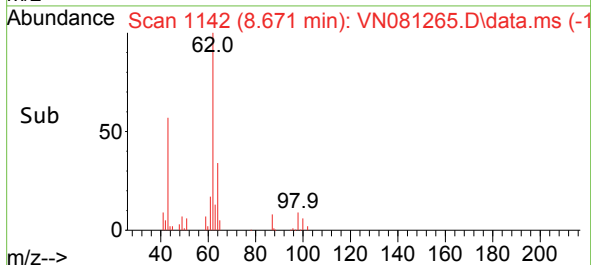
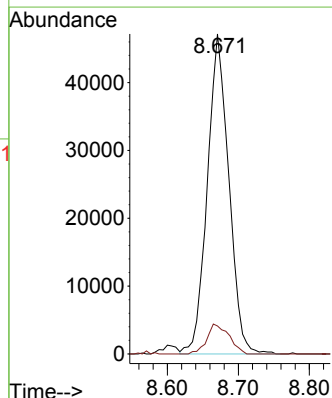
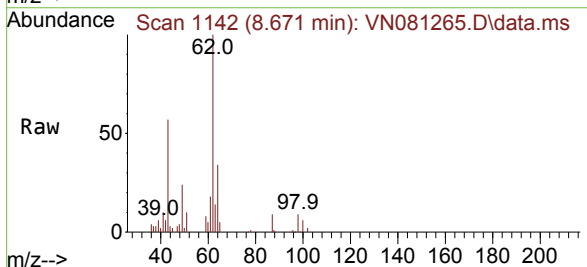
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

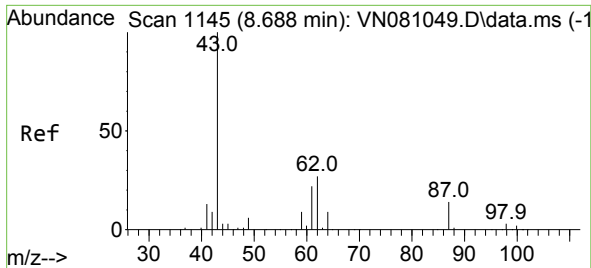
Tgt Ion:	41	Resp:	47592
Ion	Ratio	Lower	Upper
41	100		
39	56.6	48.4	72.6
67	77.3	56.8	85.2
52	32.1	25.0	37.4



#42
1,2-Dichloroethane
Concen: 22.617 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion:	62	Resp:	99185
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.0

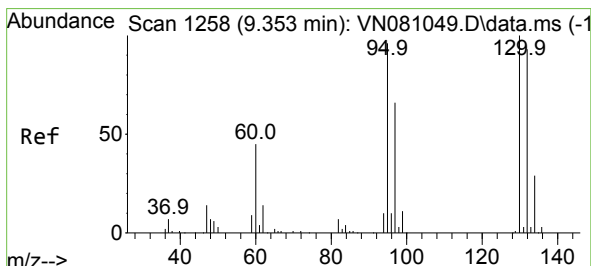
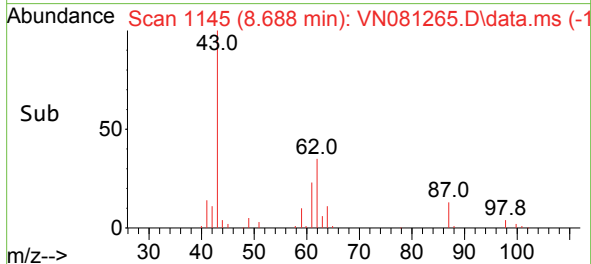
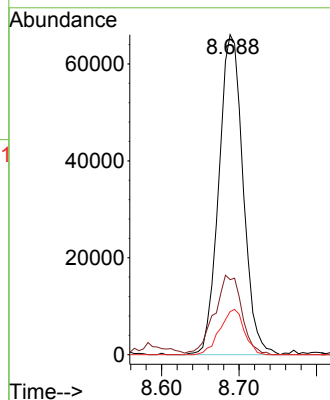
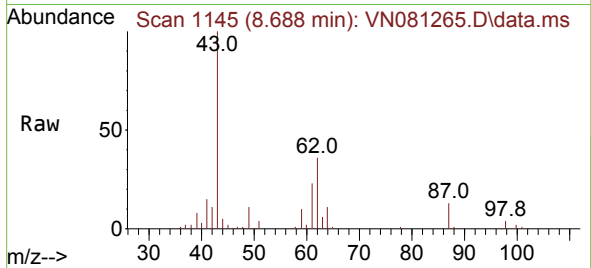




#43
Isopropyl Acetate
Concen: 20.967 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

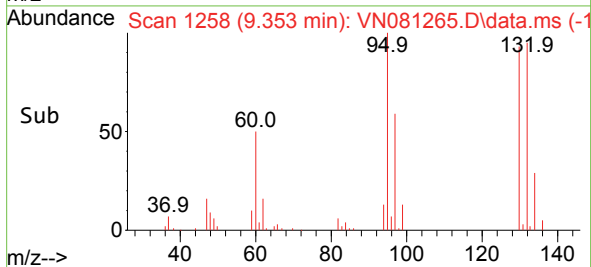
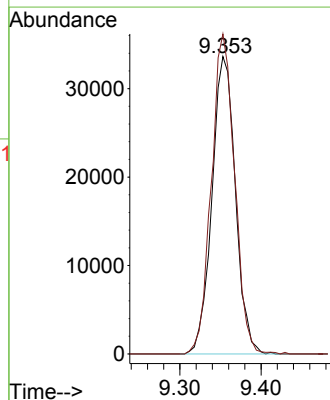
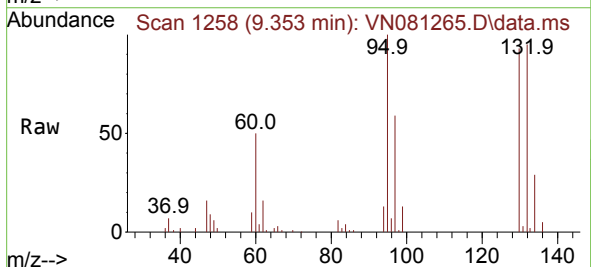
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

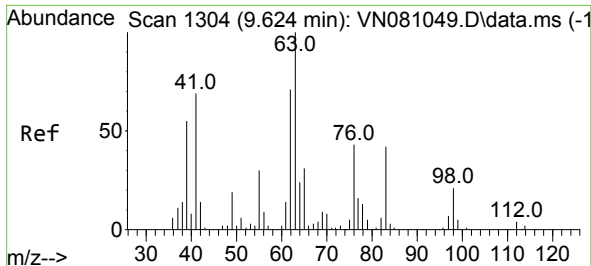
Tgt Ion: 43 Resp: 143718
Ion Ratio Lower Upper
43 100
61 28.1 19.9 29.9
87 14.2 9.0 13.6#



#44
Trichloroethene
Concen: 20.154 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion:130 Resp: 67471
Ion Ratio Lower Upper
130 100
95 107.6 0.0 210.4

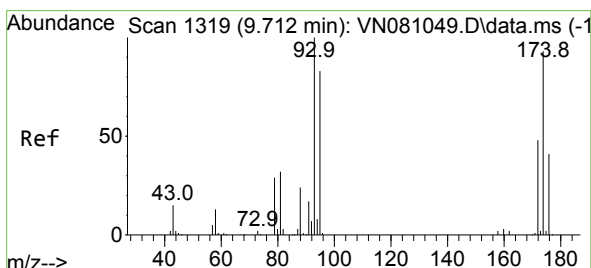
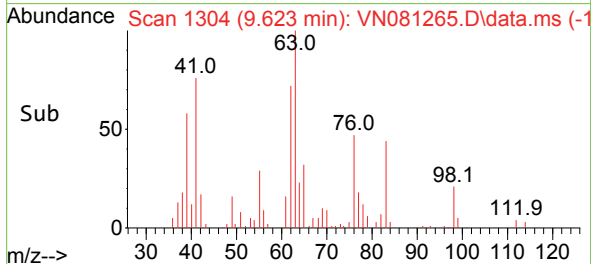
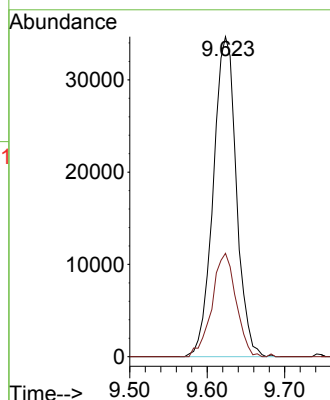
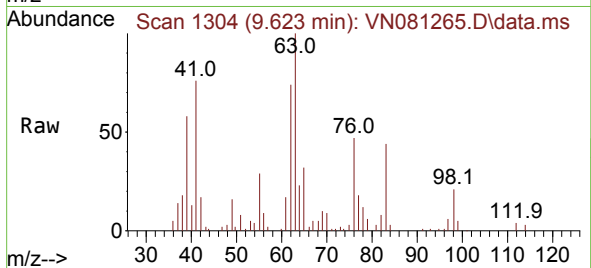




#45
1,2-Dichloropropane
Concen: 22.793 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

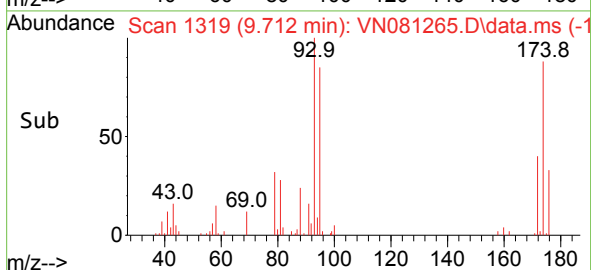
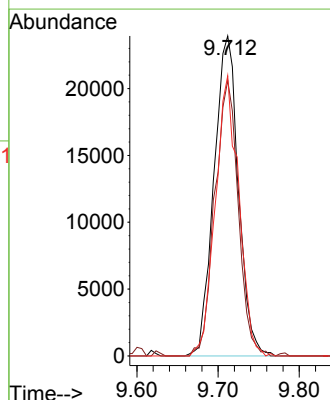
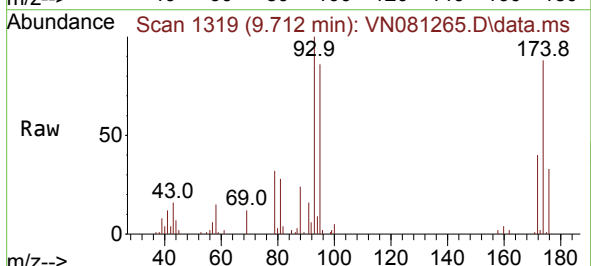
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

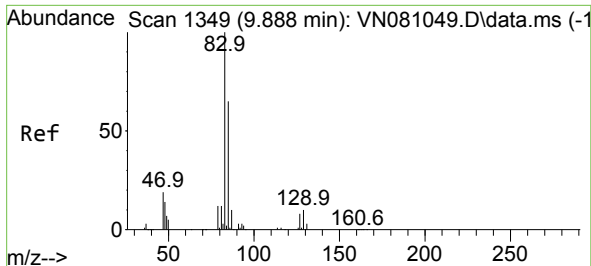
Tgt Ion: 63 Resp: 71665
Ion Ratio Lower Upper
63 100
65 32.3 26.1 39.1



#46
Dibromomethane
Concen: 21.838 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 93 Resp: 50029
Ion Ratio Lower Upper
93 100
95 82.5 68.1 102.1
174 84.0 57.2 85.8

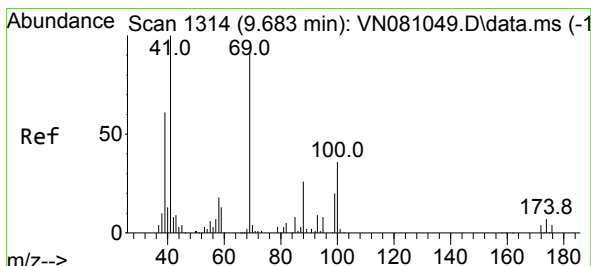
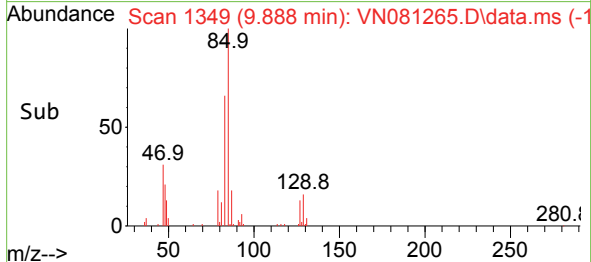
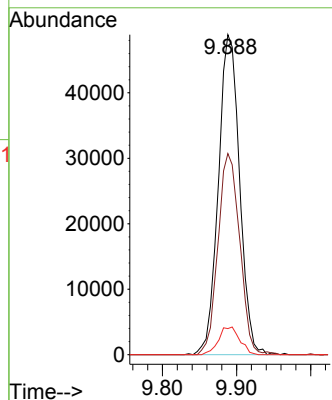
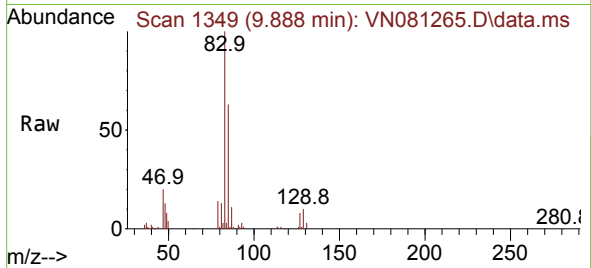




#47
Bromodichloromethane
Concen: 22.409 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

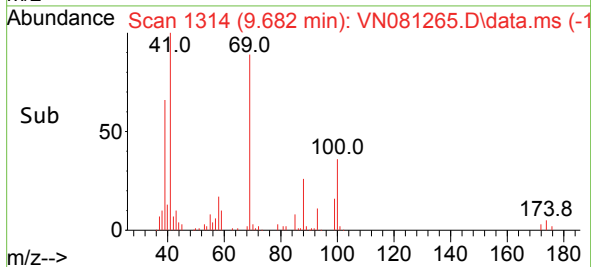
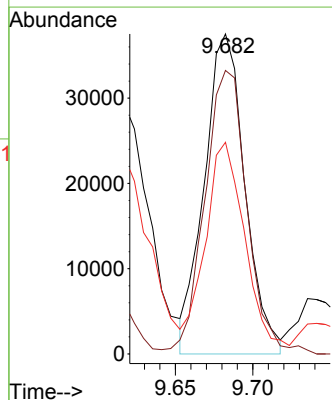
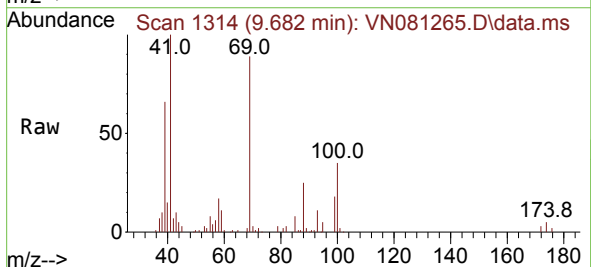
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

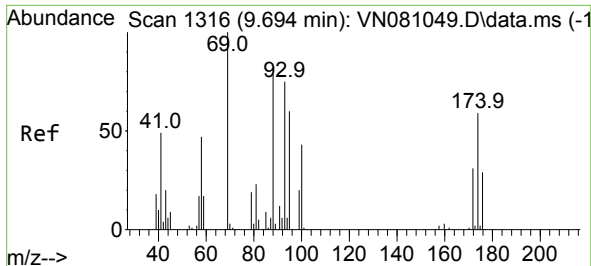
Tgt Ion: 83 Resp: 97231
Ion Ratio Lower Upper
83 100
85 62.9 52.3 78.5
127 8.2 4.6 7.0#



#48
Methyl methacrylate
Concen: 21.443 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 41 Resp: 68393
Ion Ratio Lower Upper
41 100
69 92.0 62.2 93.2
39 65.4 47.6 71.4





#49

1,4-Dioxane

Concen: 453.224 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081265.D

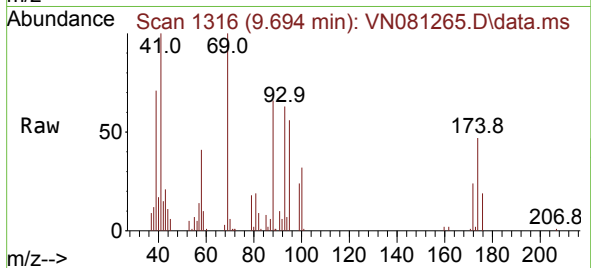
Acq: 29 Feb 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS01



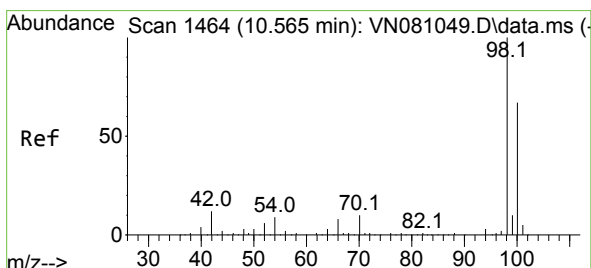
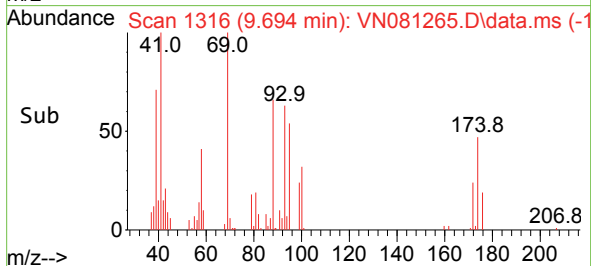
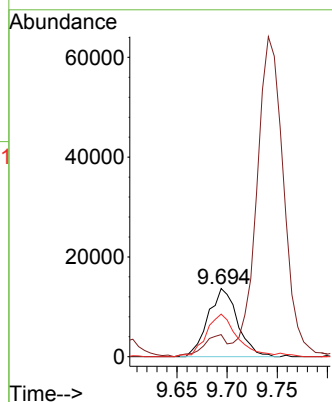
Tgt Ion: 88 Resp: 27882

Ion Ratio Lower Upper

88 100

43 24.7 30.1 45.1#

58 65.1 63.9 95.9



#50

Toluene-d8

Concen: 49.614 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081265.D

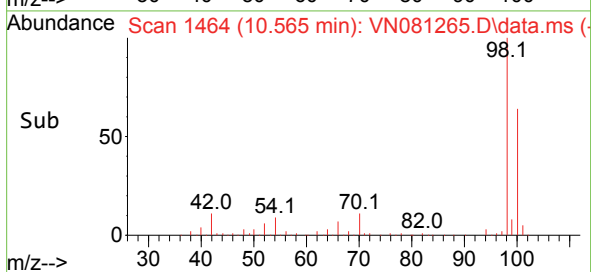
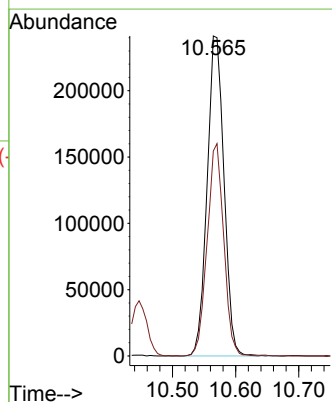
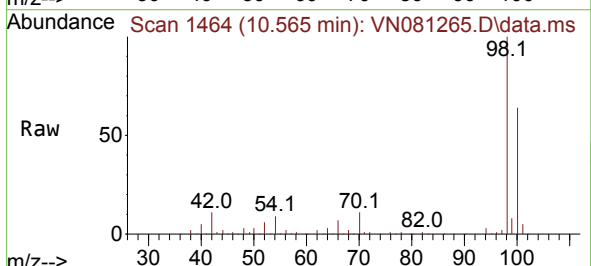
Acq: 29 Feb 2024 13:28

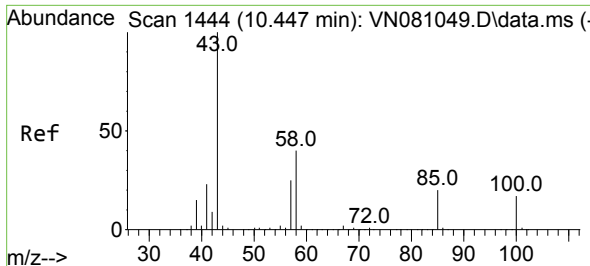
Tgt Ion: 98 Resp: 446667

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0

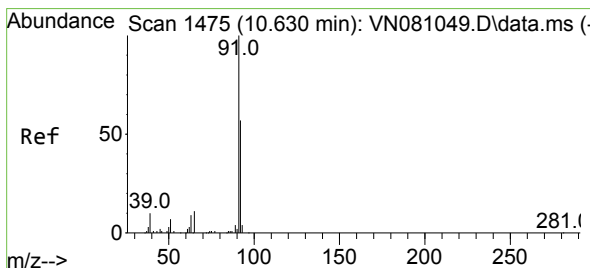
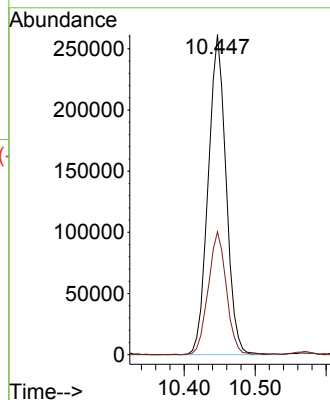
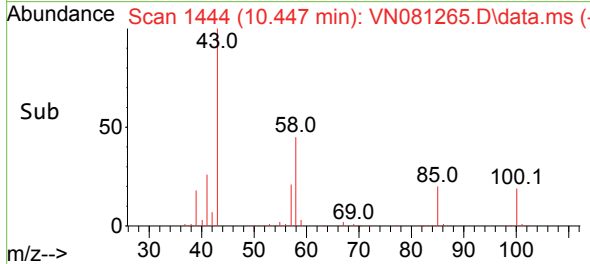
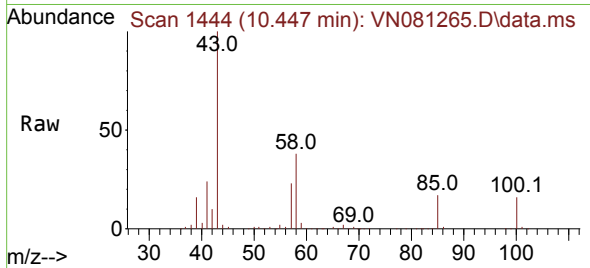




#51
4-Methyl-2-Pentanone
Concen: 116.125 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

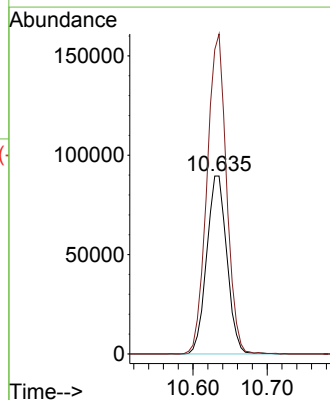
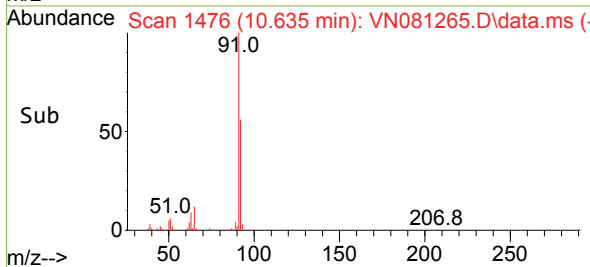
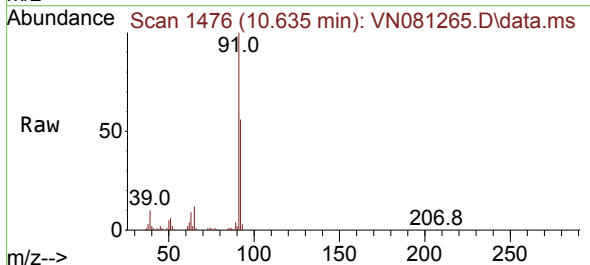
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

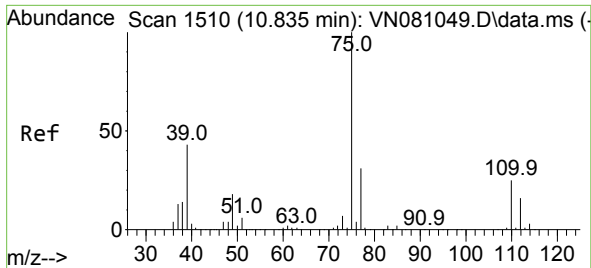
Tgt Ion: 43 Resp: 457886
Ion Ratio Lower Upper
43 100
58 39.0 29.4 44.0



#52
Toluene
Concen: 21.311 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 92 Resp: 169579
Ion Ratio Lower Upper
92 100
91 173.9 139.4 209.0

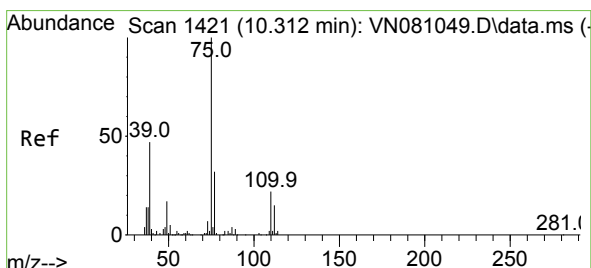
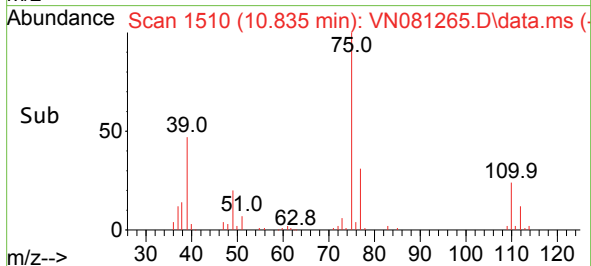
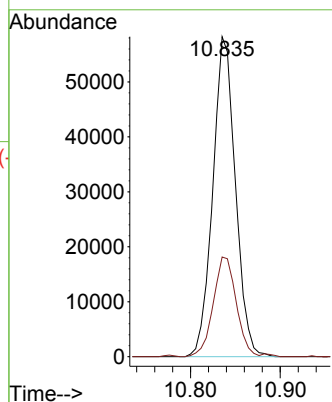
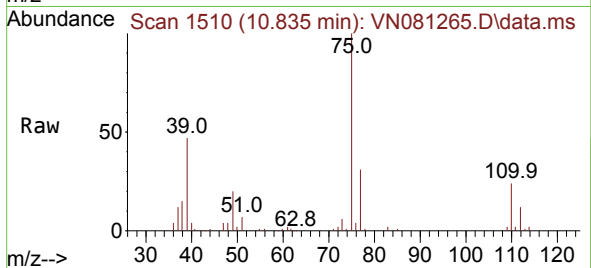




#53
 t-1,3-Dichloropropene
 Concen: 21.131 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081265.D
 Acq: 29 Feb 2024 13:28

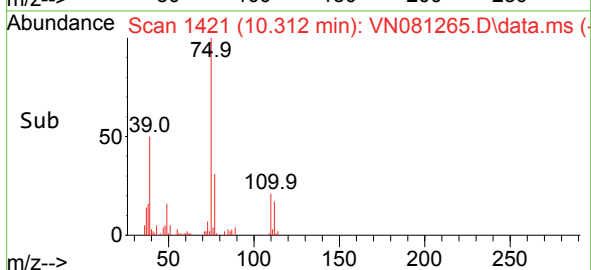
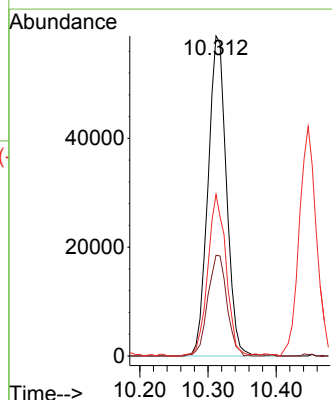
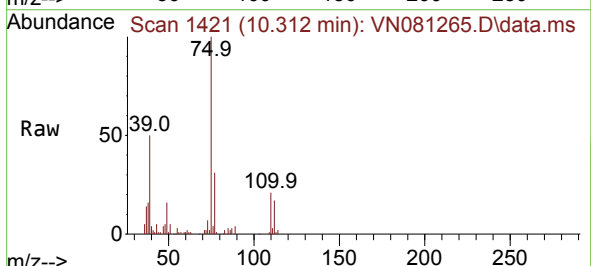
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBS01

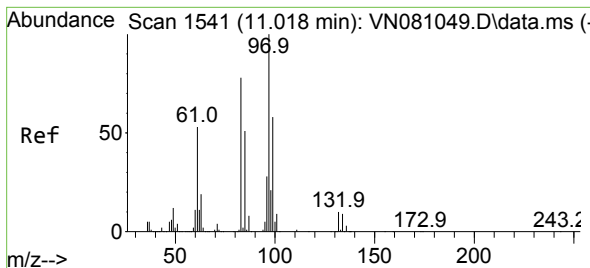
Tgt Ion: 75 Resp: 101885
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 21.195 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081265.D
 Acq: 29 Feb 2024 13:28

Tgt Ion: 75 Resp: 110413
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.3 34.9
 39 50.4 44.6 66.8

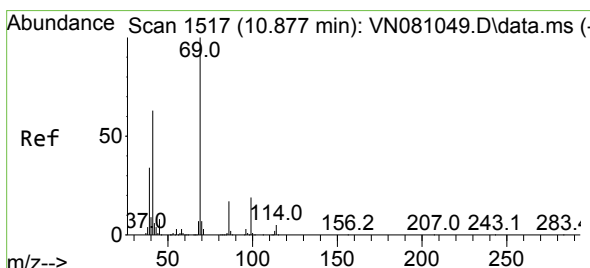
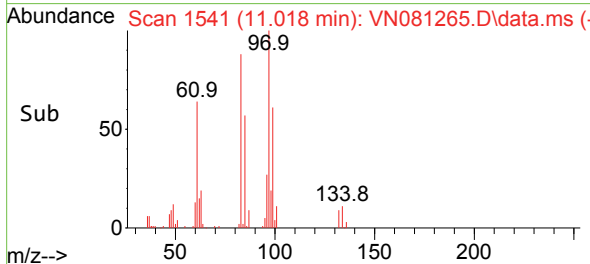
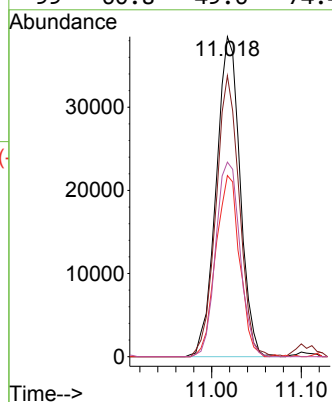
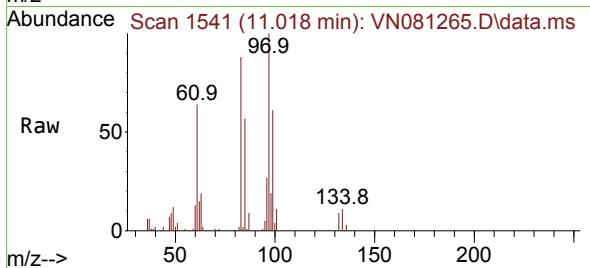




#55
1,1,2-Trichloroethane
Concen: 23.304 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

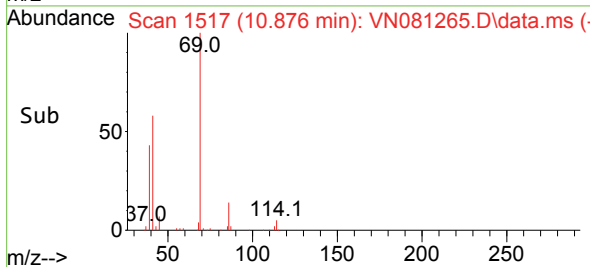
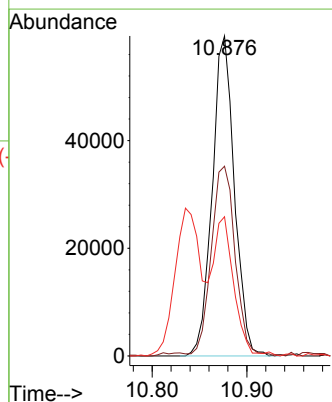
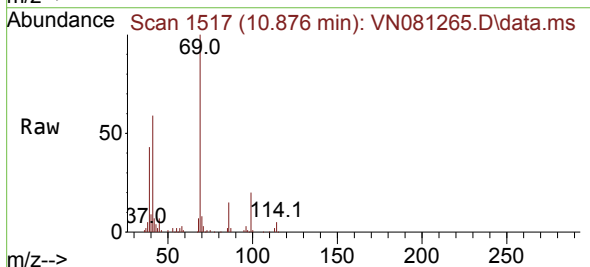
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

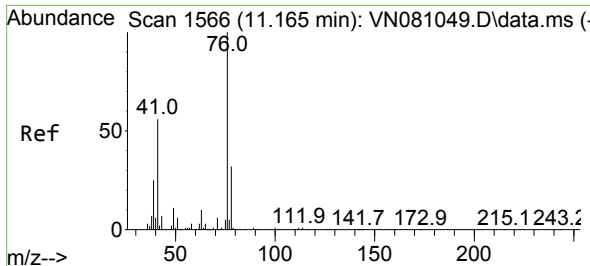
Tgt Ion: 97	Resp: 71325
Ion Ratio	Lower Upper
97 100	
83 87.8	72.9 109.3
85 56.6	50.2 75.2
99 60.8	49.6 74.4



#56
Ethyl methacrylate
Concen: 20.726 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 69	Resp: 96949
Ion Ratio	Lower Upper
69 100	
41 64.0	61.0 91.6
39 39.3	31.8 47.6





#57

1,3-Dichloropropane

Concen: 22.576 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081265.D

Acq: 29 Feb 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

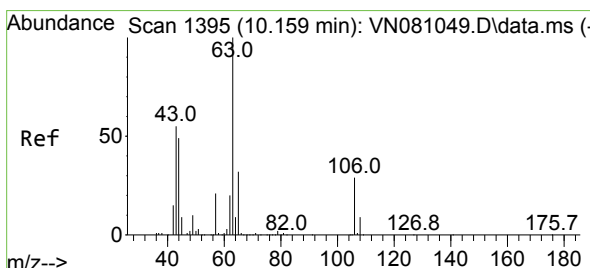
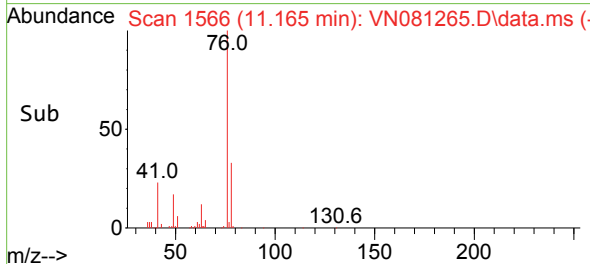
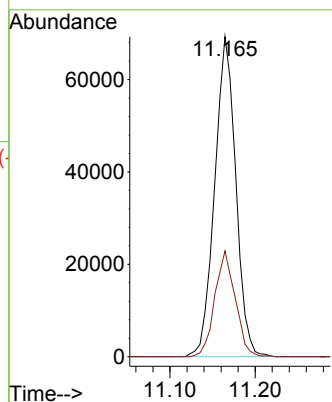
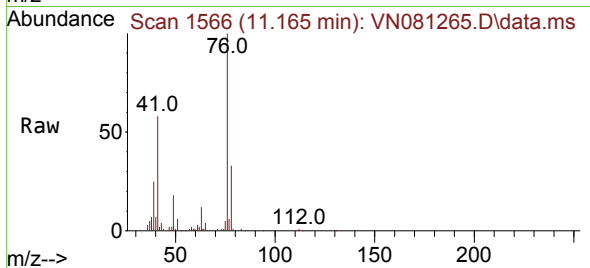
VN0229WBS01

Tgt Ion: 76 Resp: 119473

Ion Ratio Lower Upper

76 100

78 32.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 97.707 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081265.D

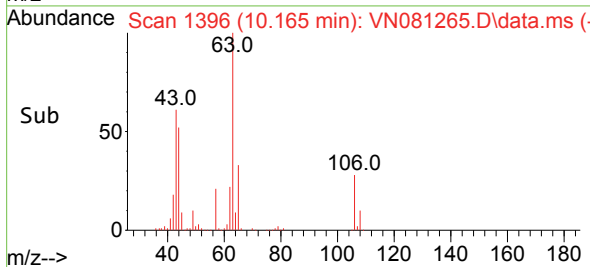
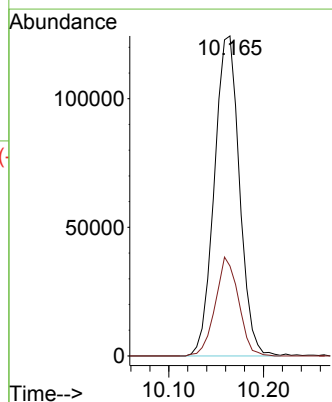
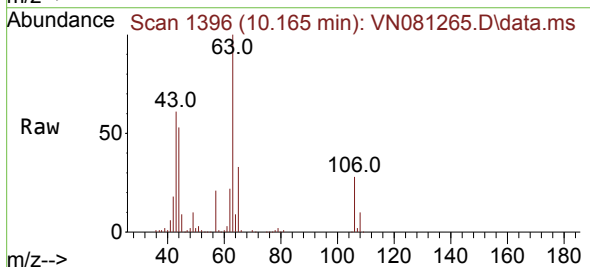
Acq: 29 Feb 2024 13:28

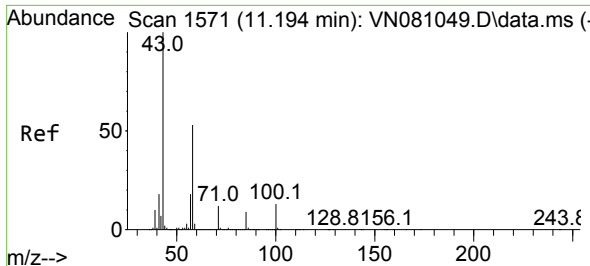
Tgt Ion: 63 Resp: 229313

Ion Ratio Lower Upper

63 100

106 28.7 18.6 28.0#

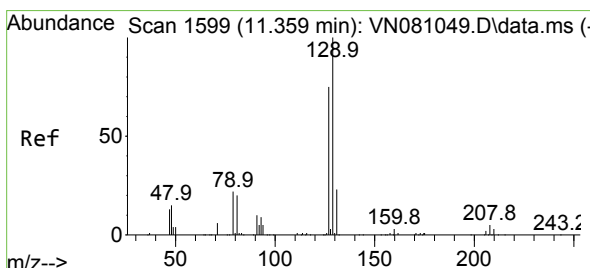
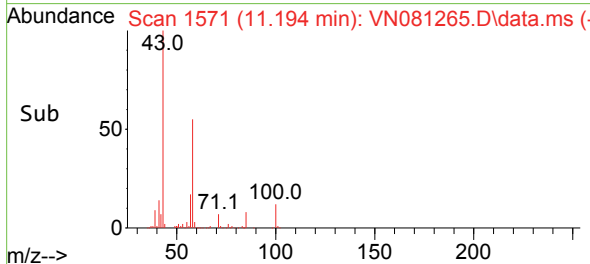
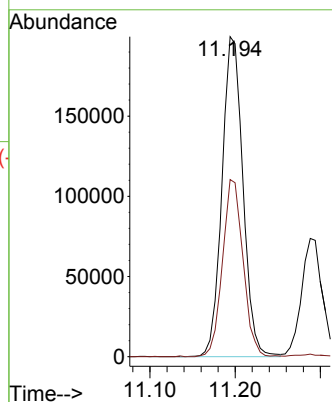
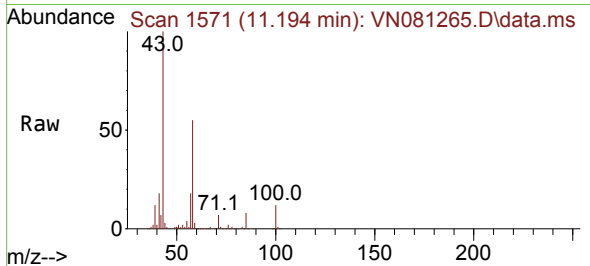




#59
2-Hexanone
Concen: 109.073 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

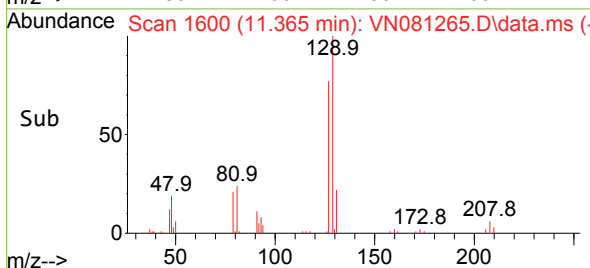
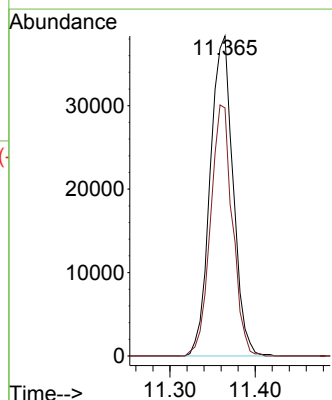
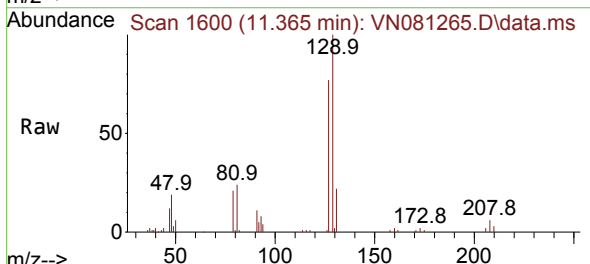
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

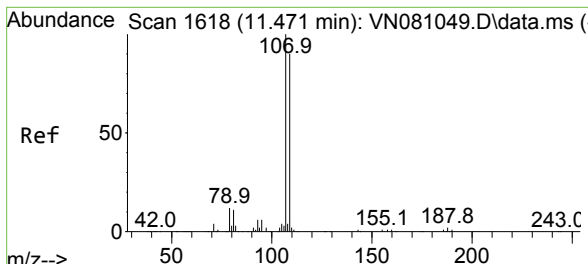
Tgt Ion: 43 Resp: 340967
Ion Ratio Lower Upper
43 100
58 54.3 25.9 77.8



#60
Dibromochloromethane
Concen: 21.974 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion:129 Resp: 71446
Ion Ratio Lower Upper
129 100
127 75.3 39.4 118.2

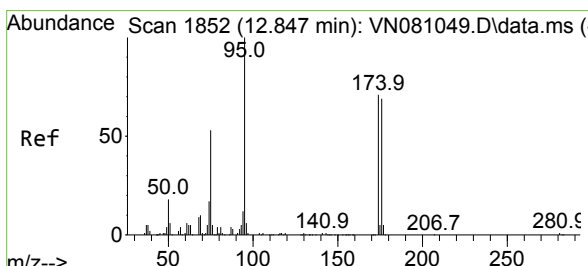
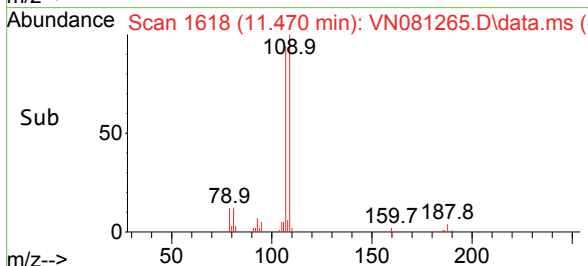
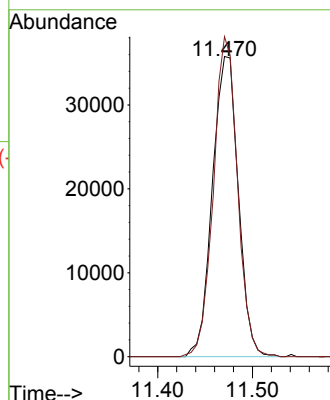
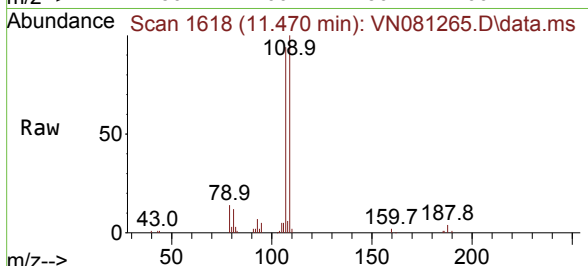




#61
 1,2-Dibromoethane
 Concen: 21.123 ug/l
 RT: 11.470 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: VN081265.D
 Acq: 29 Feb 2024 13:28

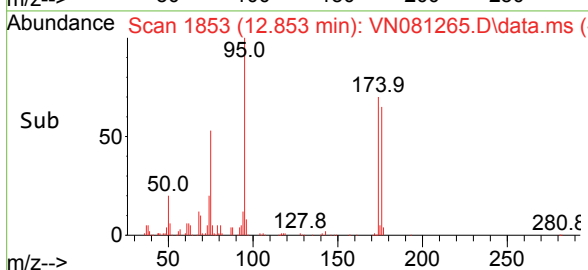
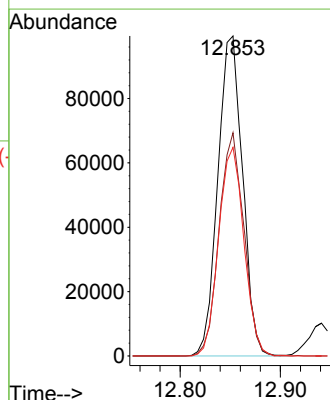
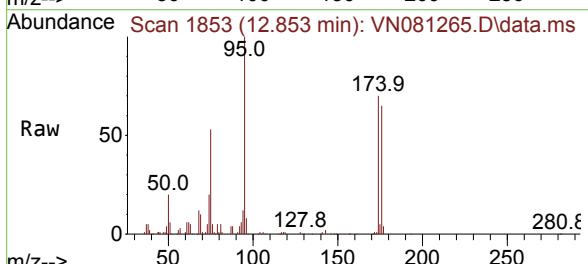
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBS01

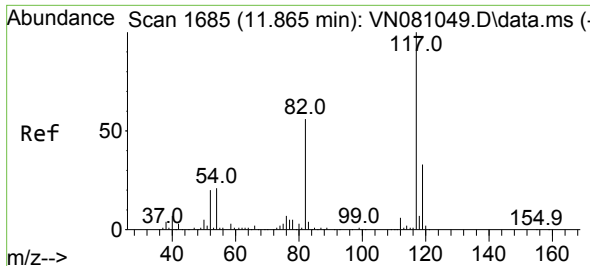
Tgt Ion:107 Resp: 67984
 Ion Ratio Lower Upper
 107 100
 109 99.2 73.4 110.2



#62
 4-Bromofluorobenzene
 Concen: 50.360 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: VN081265.D
 Acq: 29 Feb 2024 13:28

Tgt Ion: 95 Resp: 170359
 Ion Ratio Lower Upper
 95 100
 174 69.6 0.0 120.4
 176 66.6 0.0 121.0

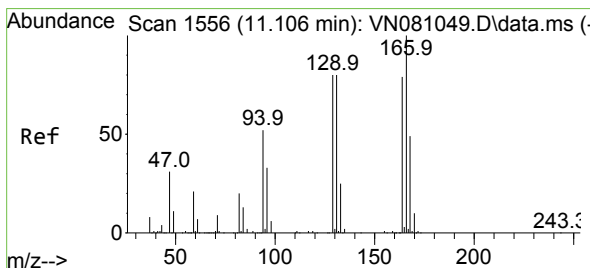
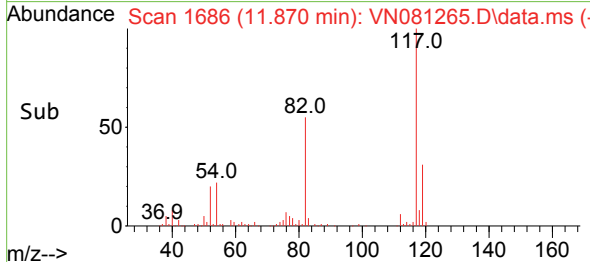
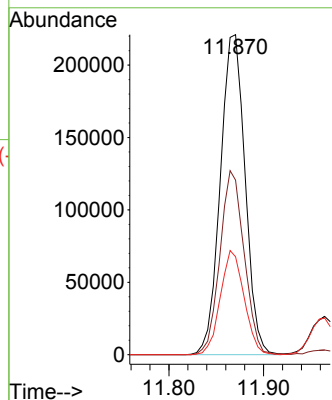
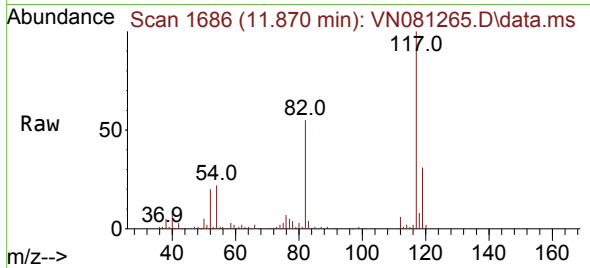




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

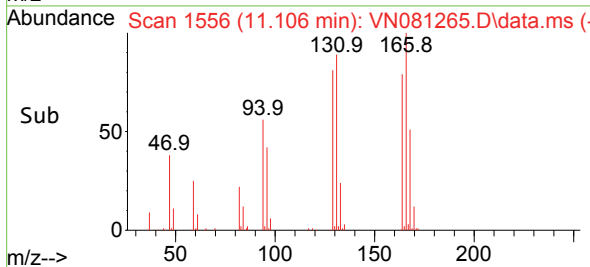
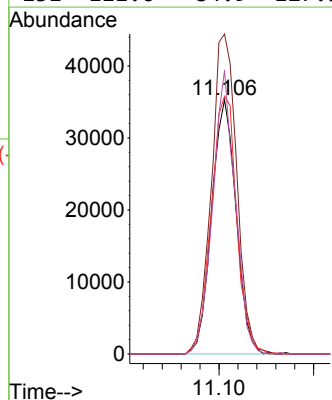
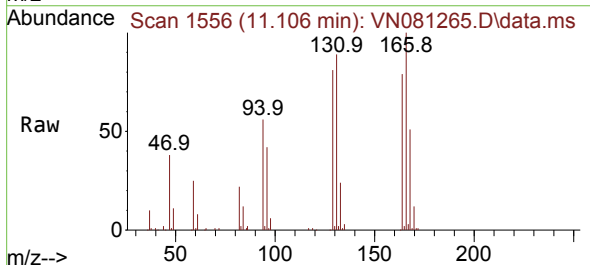
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

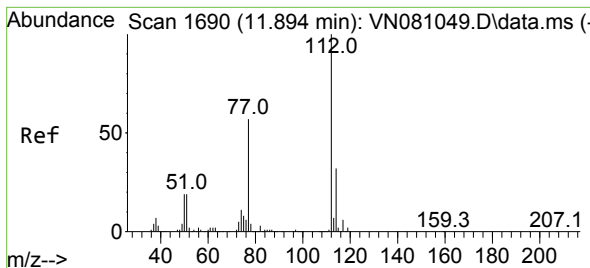
Tgt Ion:117 Resp: 402039
Ion Ratio Lower Upper
117 100
82 54.6 52.7 79.1
119 30.6 25.3 37.9



#64
Tetrachloroethene
Concen: 23.032 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion:164 Resp: 63197
Ion Ratio Lower Upper
164 100
166 125.9 105.8 158.6
129 101.4 89.6 134.4
131 111.6 84.9 127.3

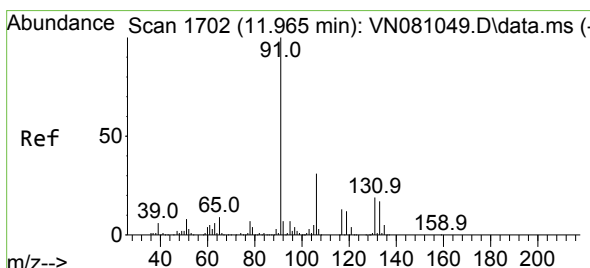
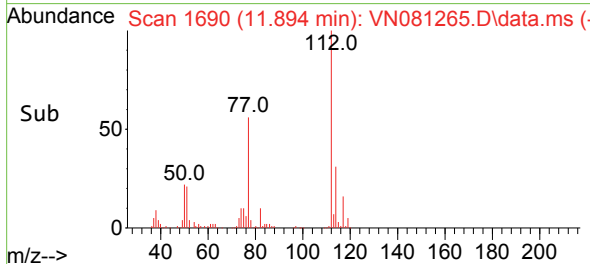
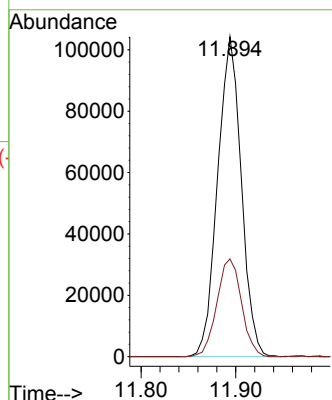
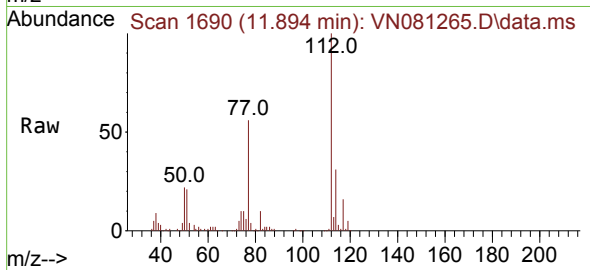




#65
Chlorobenzene
Concen: 20.807 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

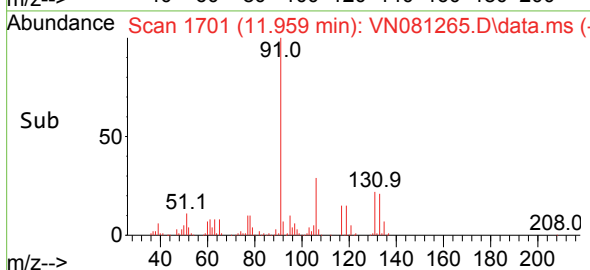
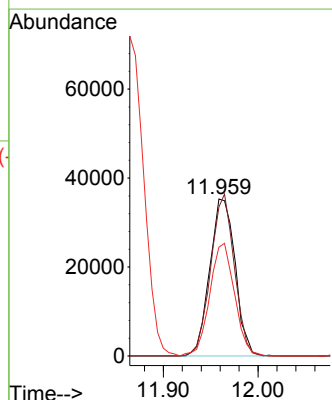
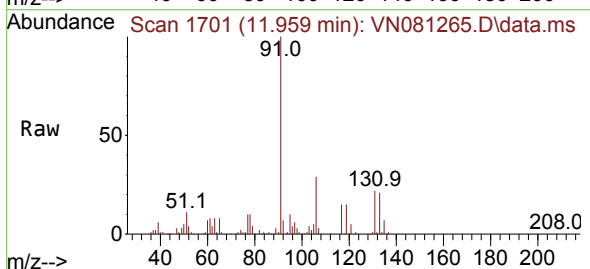
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

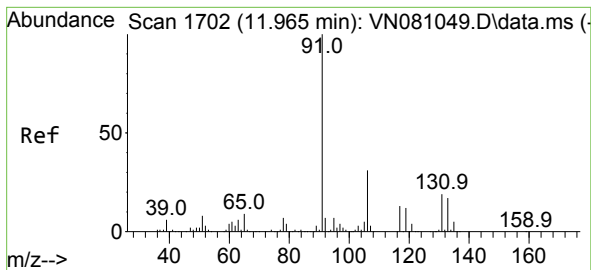
Tgt Ion:112 Resp: 181049
Ion Ratio Lower Upper
112 100
114 30.5 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.036 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion:131 Resp: 65743
Ion Ratio Lower Upper
131 100
133 96.3 46.8 140.3
119 70.1 34.6 103.9





#67

Ethyl Benzene

Concen: 20.338 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN081265.D

Acq: 29 Feb 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

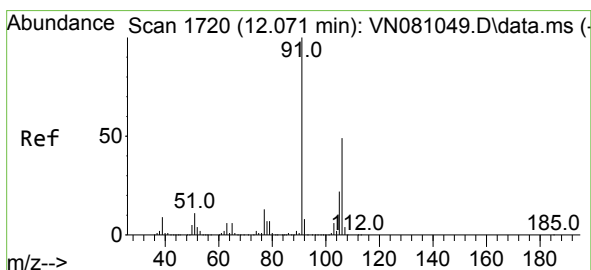
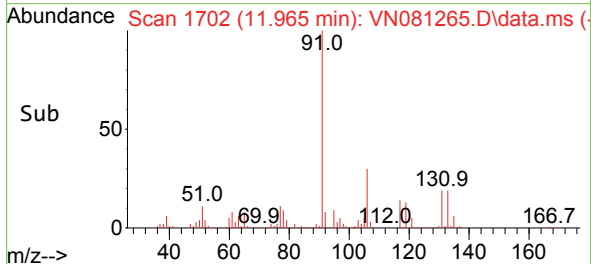
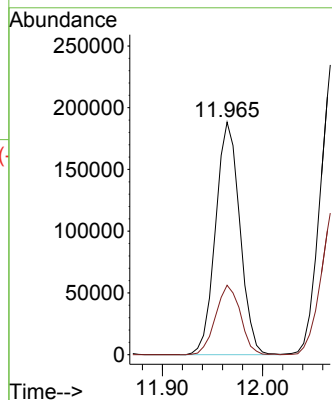
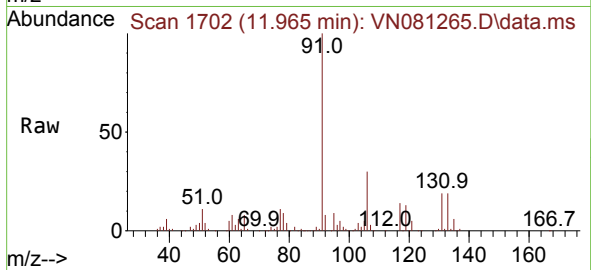
VN0229WBS01

Tgt Ion: 91 Resp: 316672

Ion Ratio Lower Upper

91 100

106 29.9 23.8 35.6



#68

m/p-Xylenes

Concen: 40.328 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN081265.D

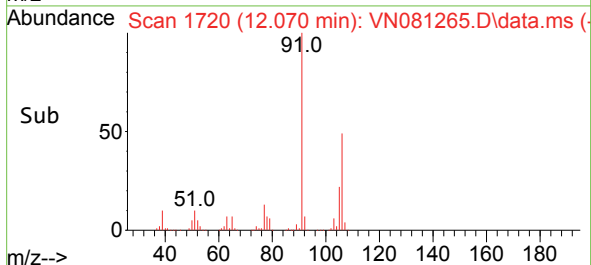
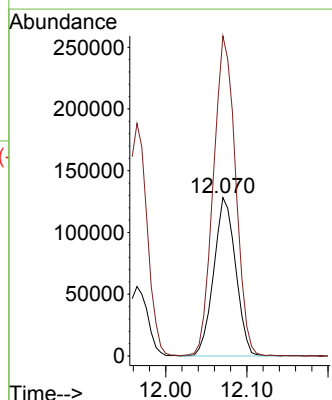
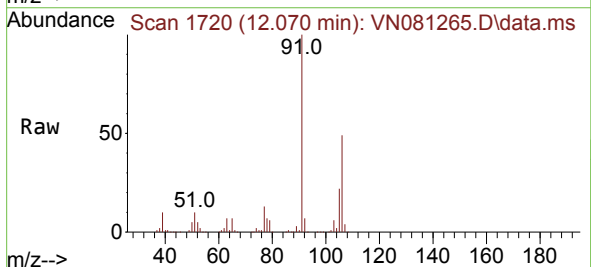
Acq: 29 Feb 2024 13:28

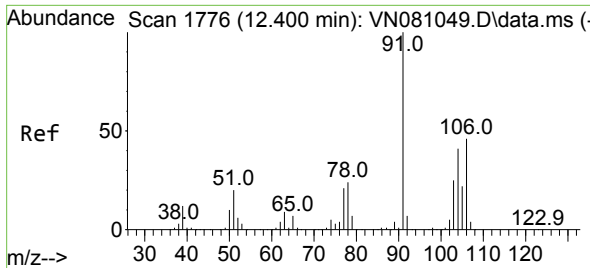
Tgt Ion:106 Resp: 240682

Ion Ratio Lower Upper

106 100

91 205.1 169.0 253.6

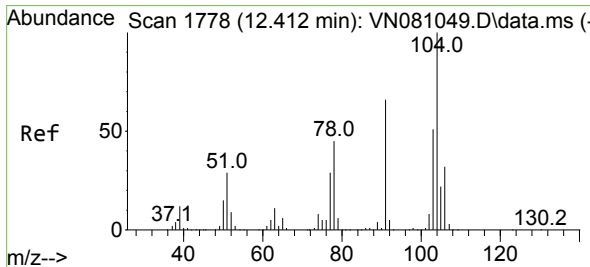
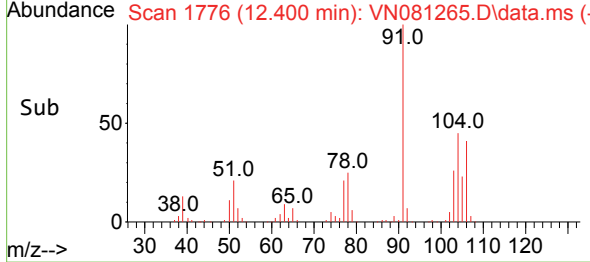
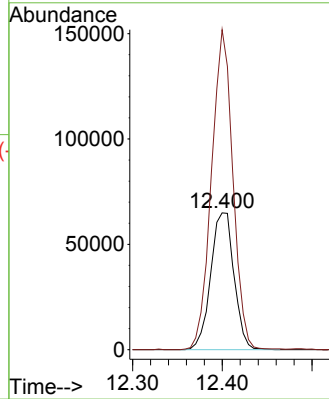
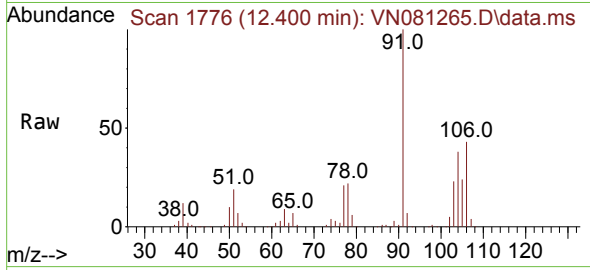




#69
o-Xylene
Concen: 19.825 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

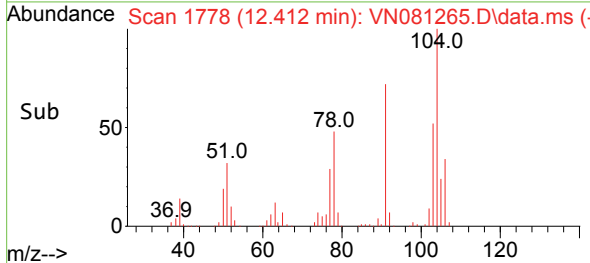
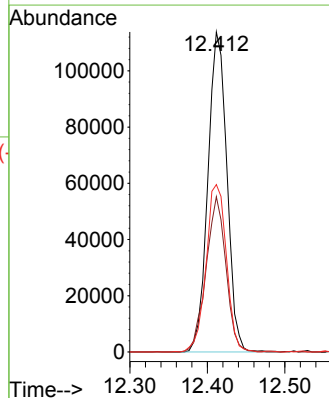
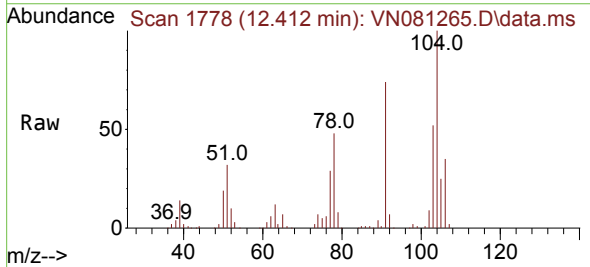
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

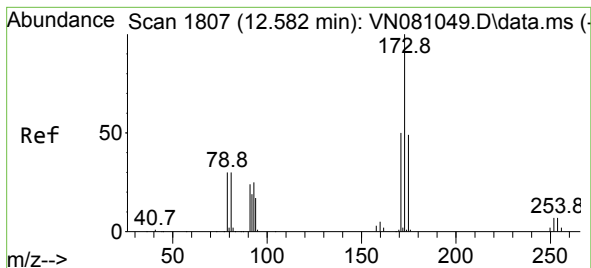
Tgt Ion:106 Resp: 117282
Ion Ratio Lower Upper
106 100
91 214.6 112.1 336.3



#70
Styrene
Concen: 20.682 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion:104 Resp: 193884
Ion Ratio Lower Upper
104 100
78 50.7 43.8 65.8
103 56.2 44.2 66.2





#71

Bromoform

Concen: 21.638 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081265.D

Acq: 29 Feb 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS01

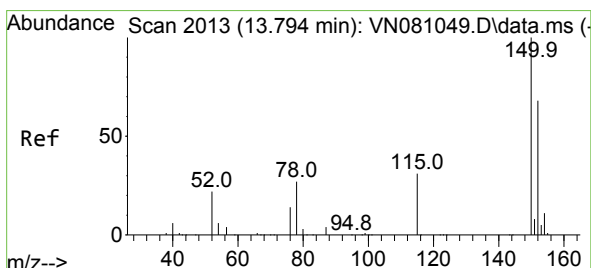
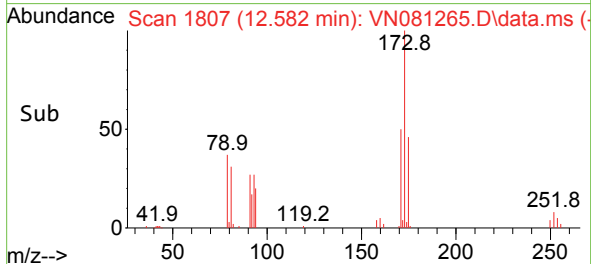
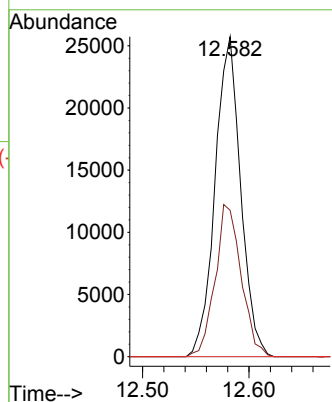
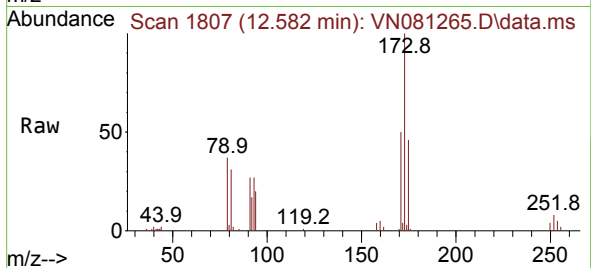
Tgt Ion:173 Resp: 42904

Ion Ratio Lower Upper

173 100

175 48.3 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: VN081265.D

Acq: 29 Feb 2024 13:28

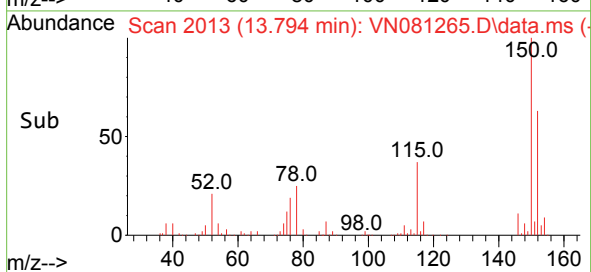
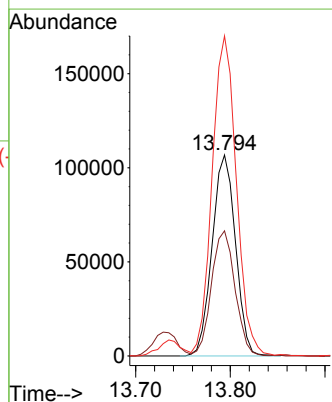
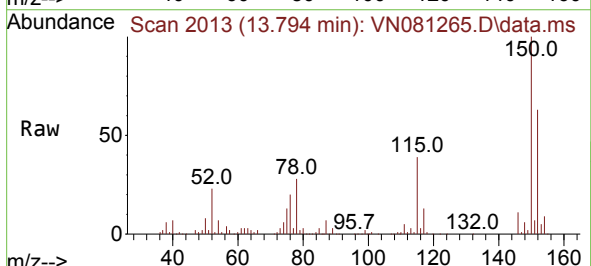
Tgt Ion:152 Resp: 182927

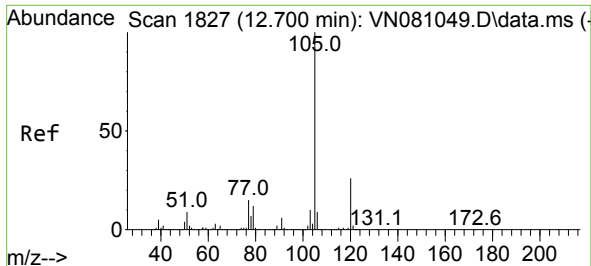
Ion Ratio Lower Upper

152 100

115 62.5 32.3 96.8

150 165.6 0.0 339.8

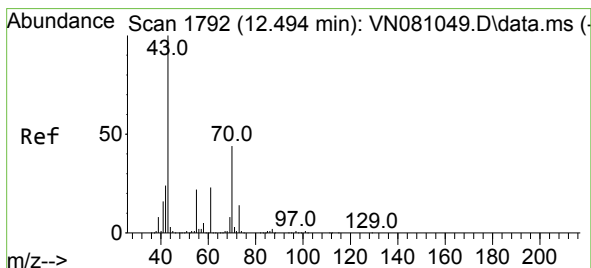
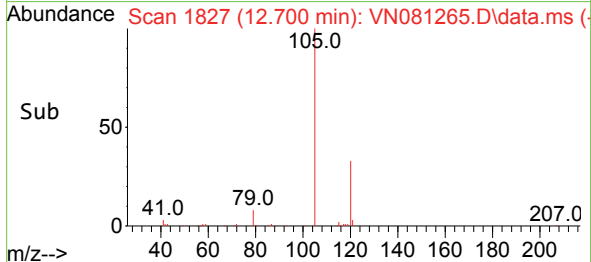
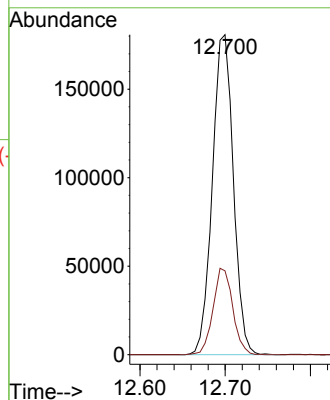
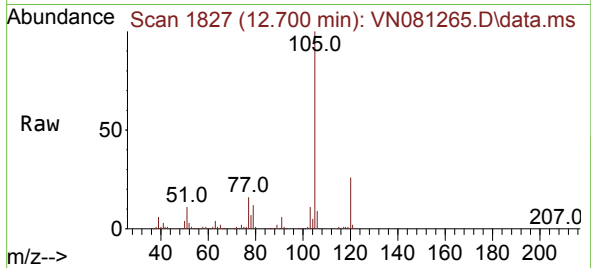




#73
Isopropylbenzene
Concen: 19.324 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

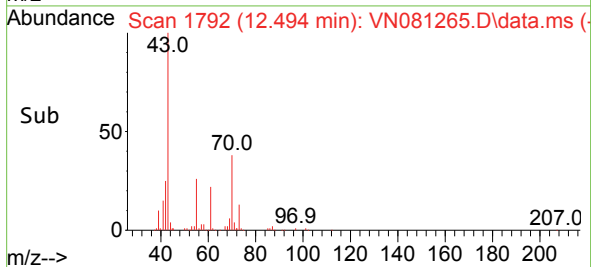
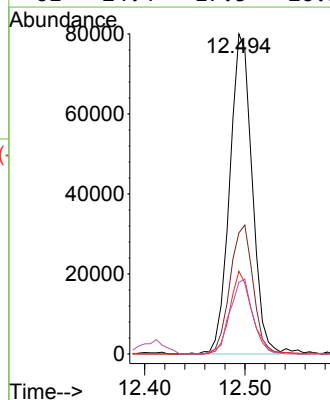
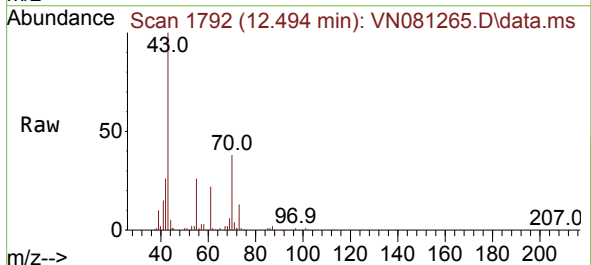
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

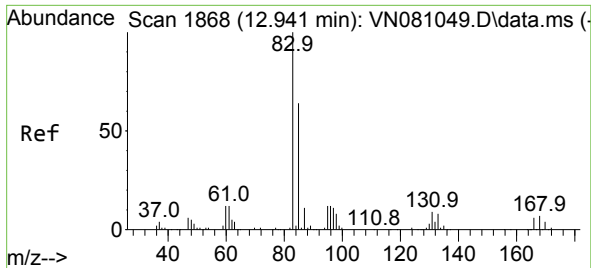
Tgt Ion:105 Resp: 309274
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.6



#74
N-ethyl acetate
Concen: 18.313 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 43 Resp: 123874
Ion Ratio Lower Upper
43 100
70 41.7 30.1 45.1
55 25.2 17.0 25.4
61 24.4 17.5 26.3

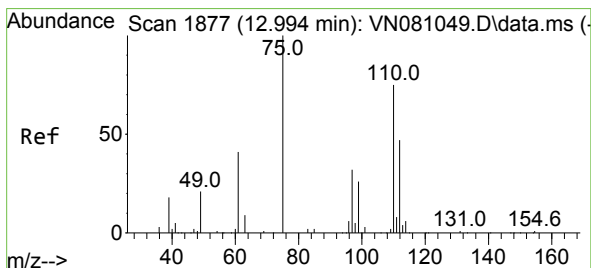
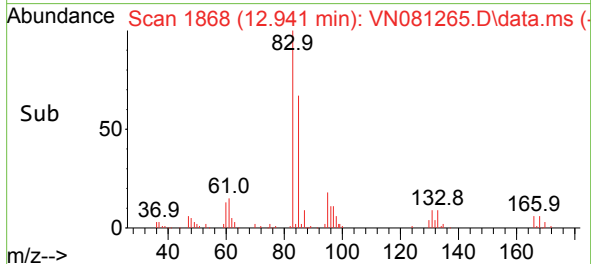
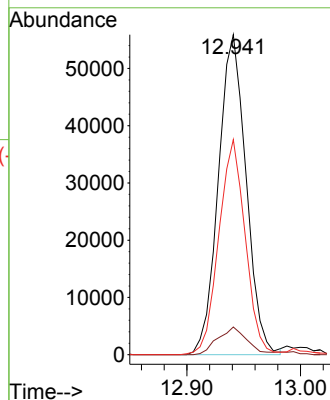
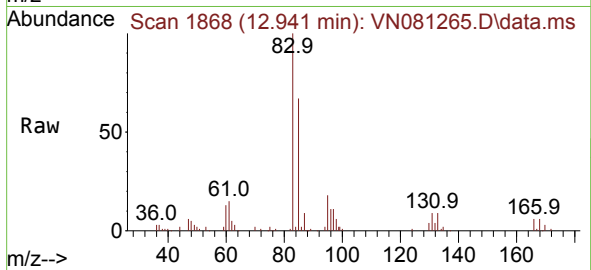




#75
1,1,2,2-Tetrachloroethane
Concen: 21.091 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

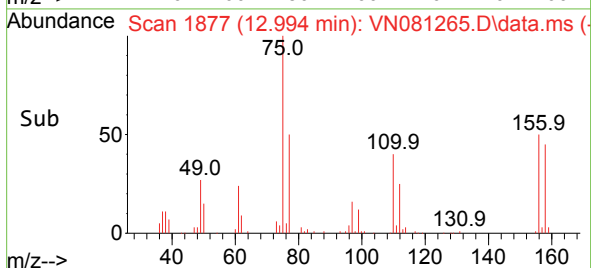
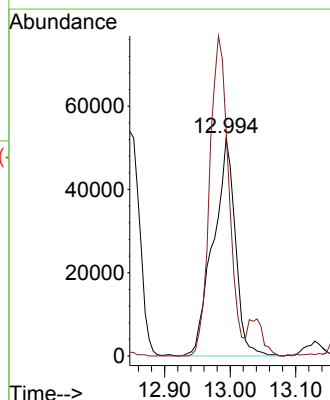
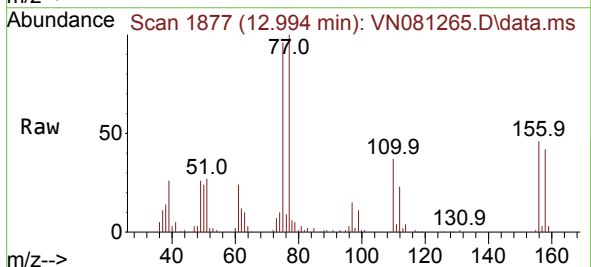
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

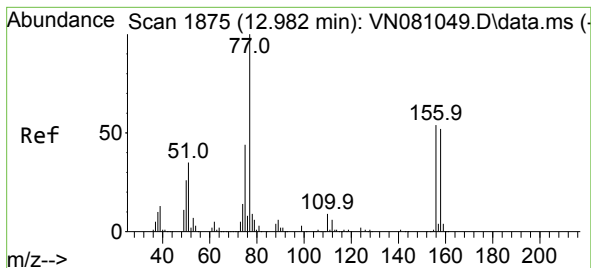
Tgt Ion: 83 Resp: 94917
Ion Ratio Lower Upper
83 100
131 9.1 4.1 12.3
85 64.0 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 29.396 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 75 Resp: 122175
Ion Ratio Lower Upper
75 100
77 126.8 91.0 272.8





#77

Bromobenzene

Concen: 19.446 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081265.D

Acq: 29 Feb 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS01

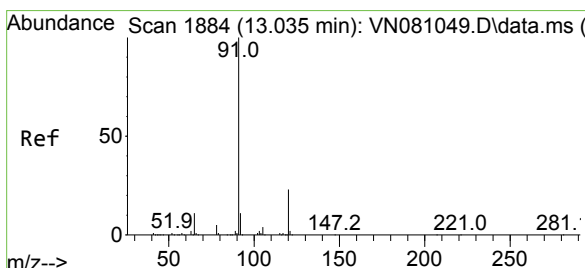
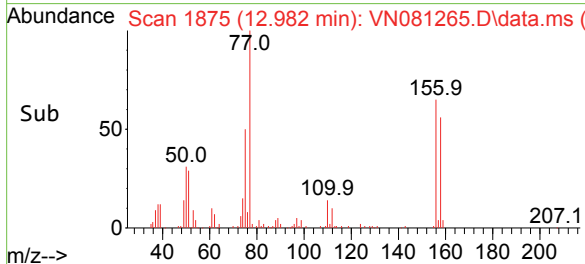
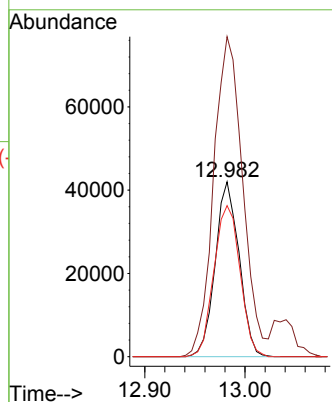
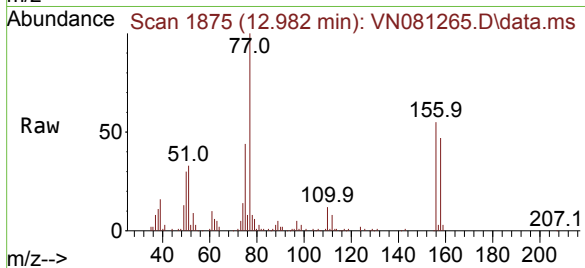
Tgt Ion:156 Resp: 69396

Ion Ratio Lower Upper

156 100

77 223.3 138.1 414.3

158 94.4 46.5 139.5



#78

n-propylbenzene

Concen: 20.014 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN081265.D

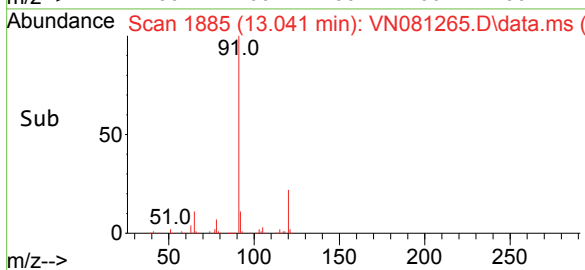
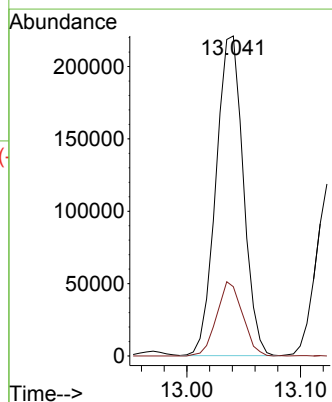
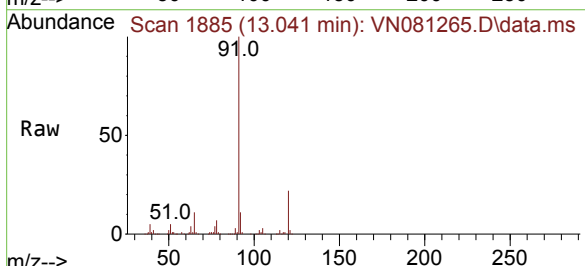
Acq: 29 Feb 2024 13:28

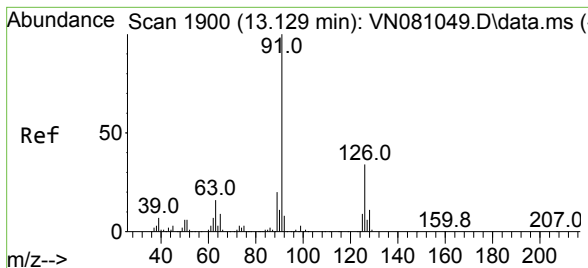
Tgt Ion: 91 Resp: 368742

Ion Ratio Lower Upper

91 100

120 22.0 10.3 30.9





#79

2-Chlorotoluene

Concen: 19.863 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN081265.D

Acq: 29 Feb 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

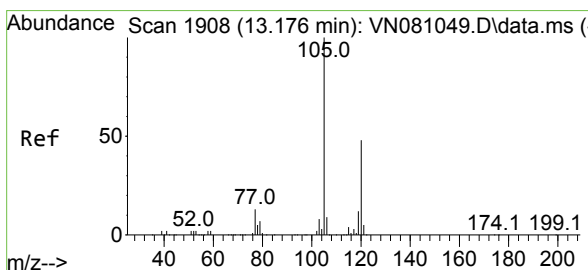
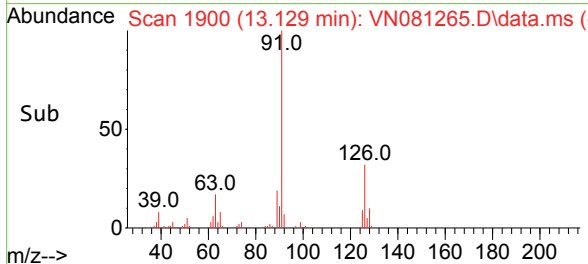
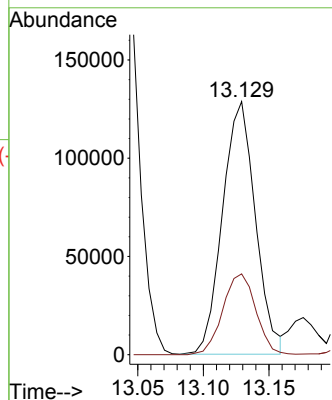
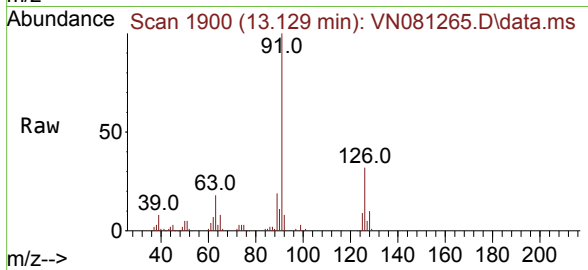
VN0229WBS01

Tgt Ion: 91 Resp: 224470

Ion Ratio Lower Upper

91 100

126 32.1 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 20.040 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081265.D

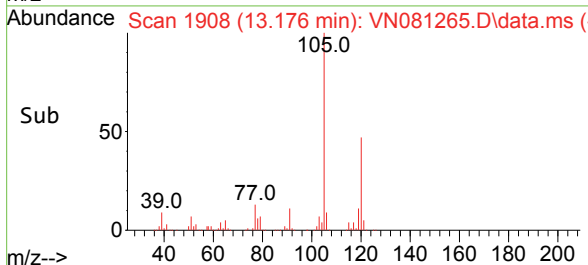
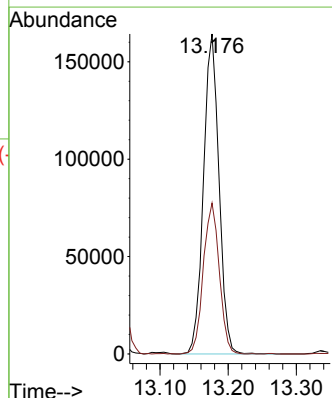
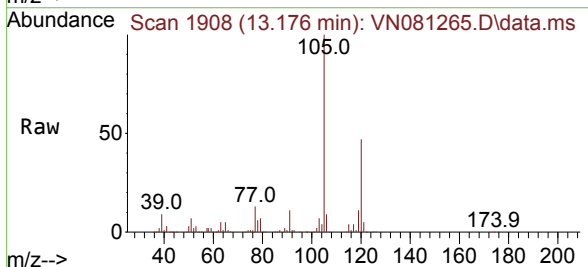
Acq: 29 Feb 2024 13:28

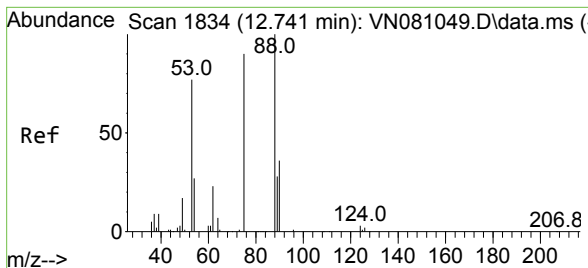
Tgt Ion: 105 Resp: 260054

Ion Ratio Lower Upper

105 100

120 48.5 23.0 69.0

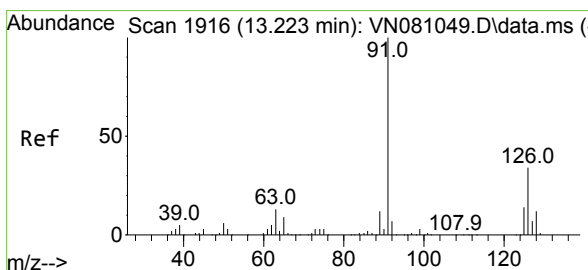
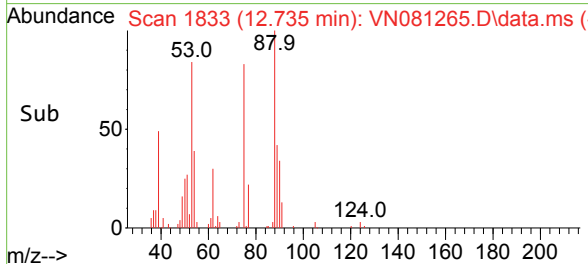
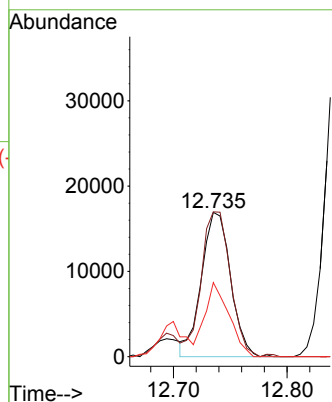
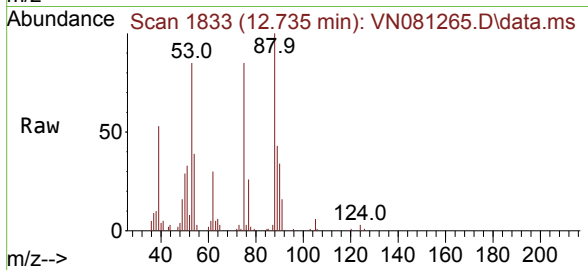




#81
trans-1,4-Dichloro-2-butene
Concen: 18.690 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

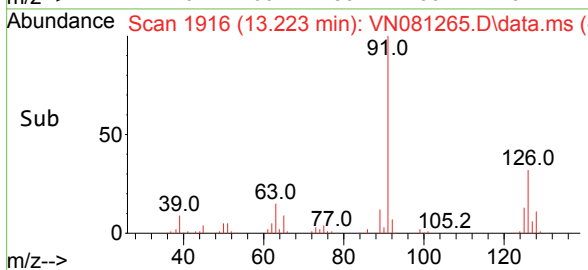
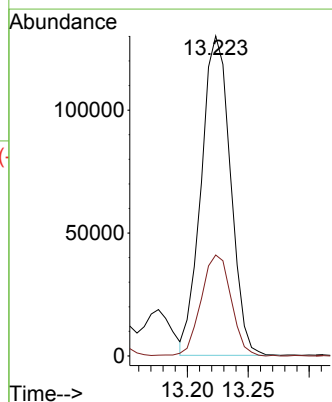
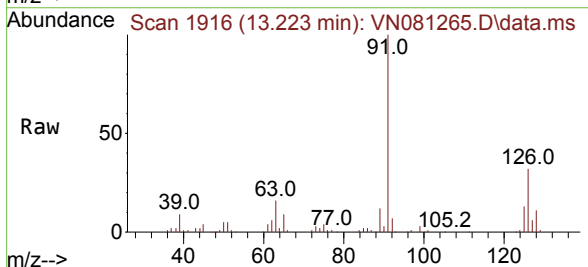
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

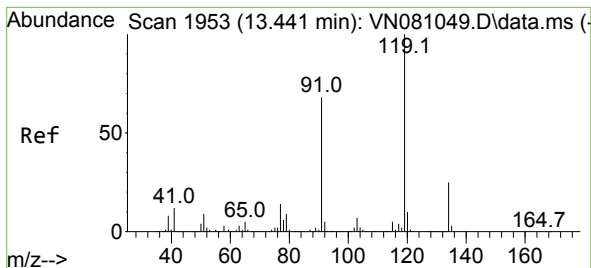
Tgt Ion: 75 Resp: 30180
Ion Ratio Lower Upper
75 100
53 101.2 71.4 107.2
89 42.6 33.4 50.0



#82
4-Chlorotoluene
Concen: 19.673 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 91 Resp: 217384
Ion Ratio Lower Upper
91 100
126 32.5 15.3 45.9





#83

tert-Butylbenzene

Concen: 19.760 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN081265.D

Acq: 29 Feb 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS01

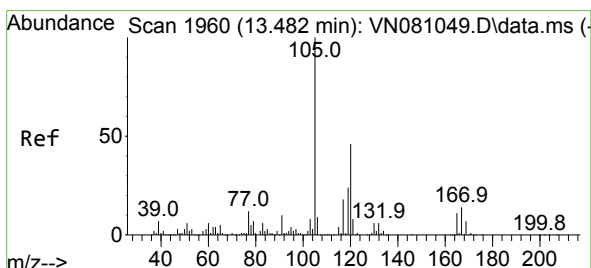
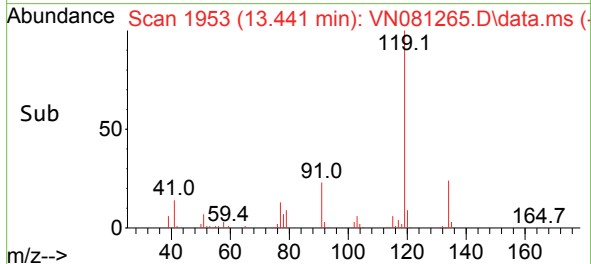
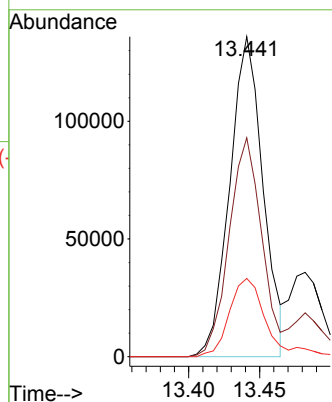
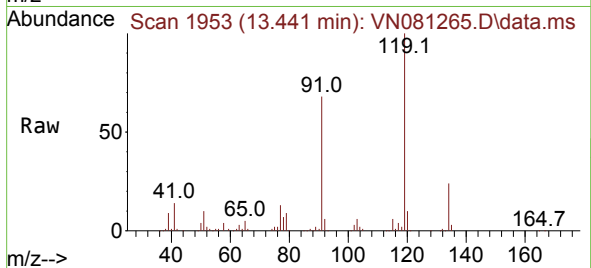
Tgt Ion:119 Resp: 221720

Ion Ratio Lower Upper

119 100

91 69.0 36.8 110.4

134 27.2 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 20.375 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081265.D

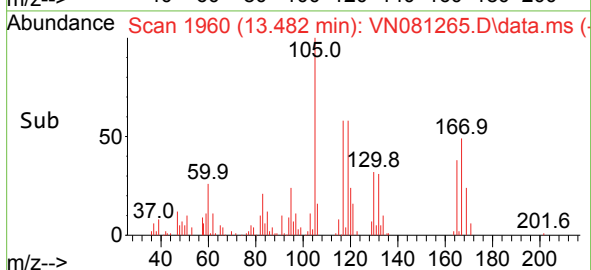
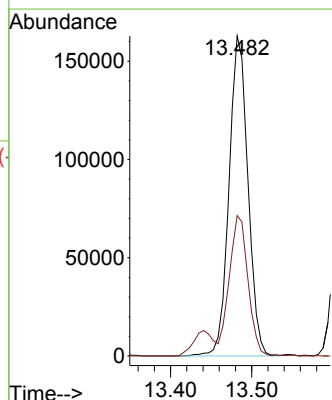
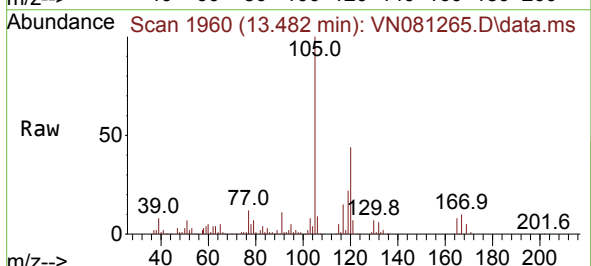
Acq: 29 Feb 2024 13:28

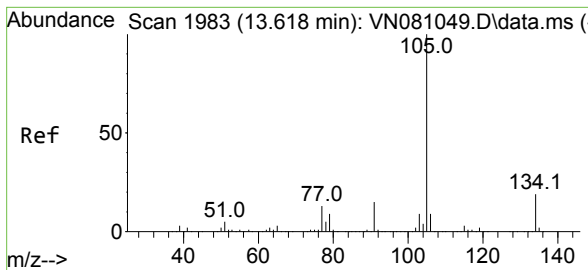
Tgt Ion:105 Resp: 263466

Ion Ratio Lower Upper

105 100

120 43.0 20.9 62.7

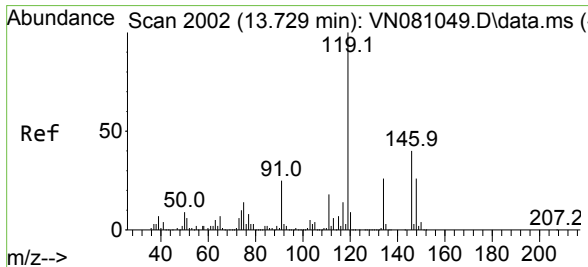
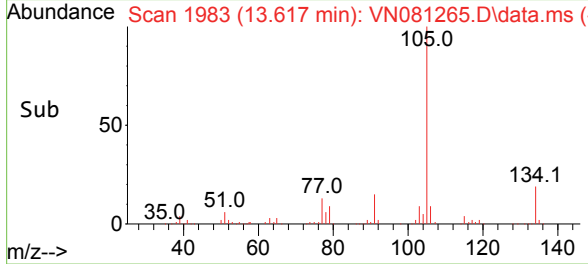
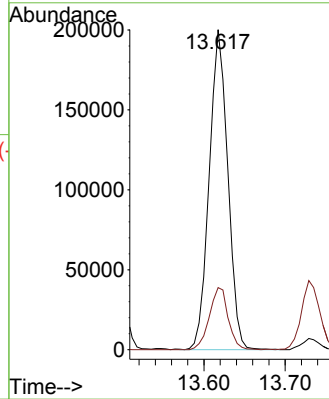
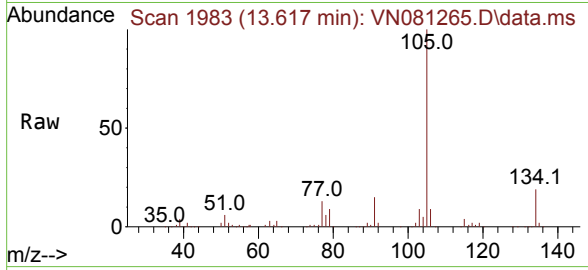




#85
 sec-Butylbenzene
 Concen: 20.394 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081265.D
 Acq: 29 Feb 2024 13:28

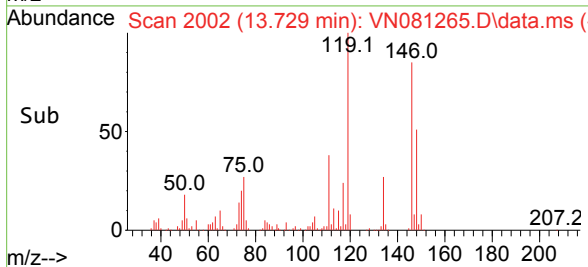
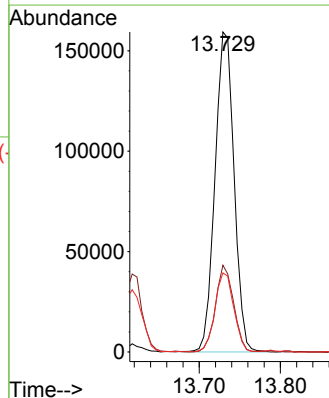
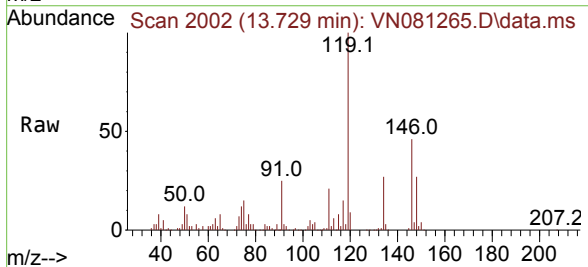
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBS01

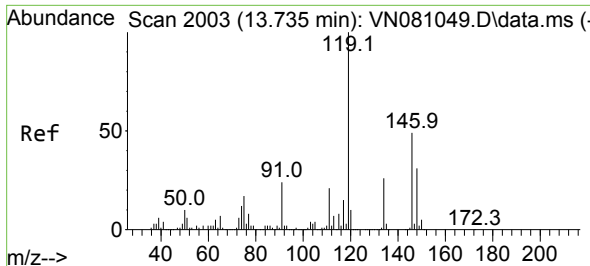
Tgt Ion:105 Resp: 318120
 Ion Ratio Lower Upper
 105 100
 134 19.6 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 20.112 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081265.D
 Acq: 29 Feb 2024 13:28

Tgt Ion:119 Resp: 260592
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.4 37.2
 91 24.4 13.5 40.4

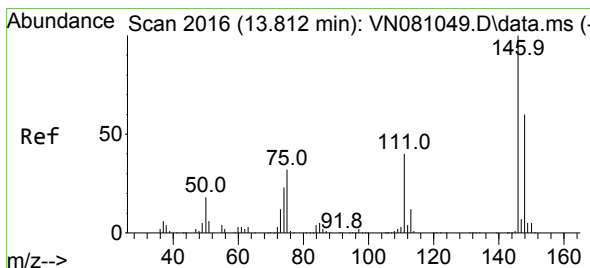
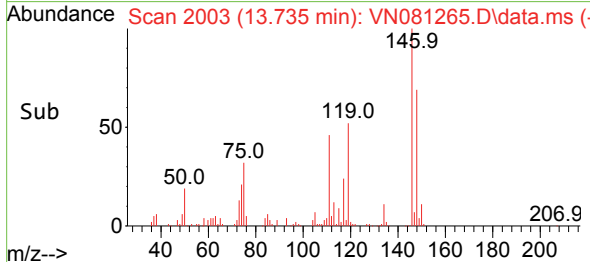
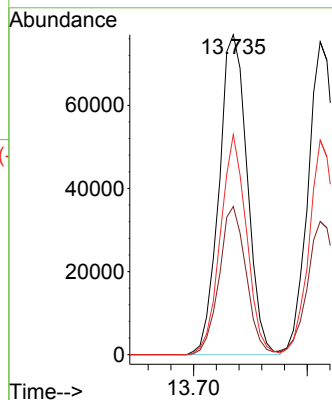
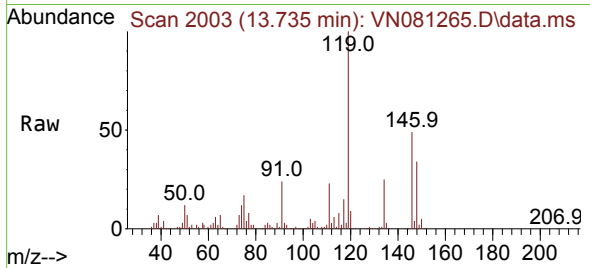




#87
1,3-Dichlorobenzene
Concen: 19.703 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

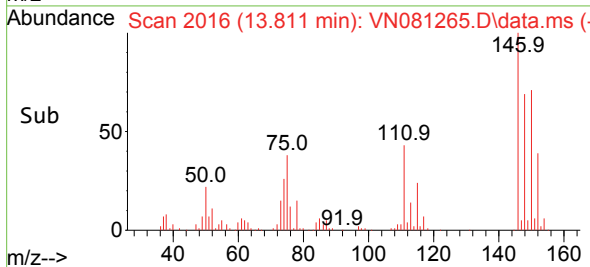
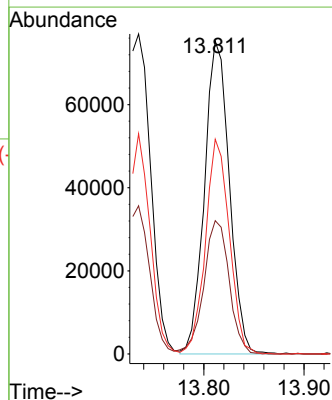
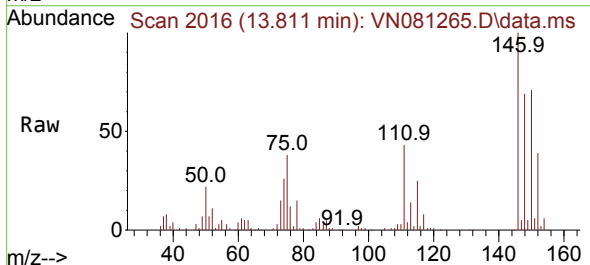
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

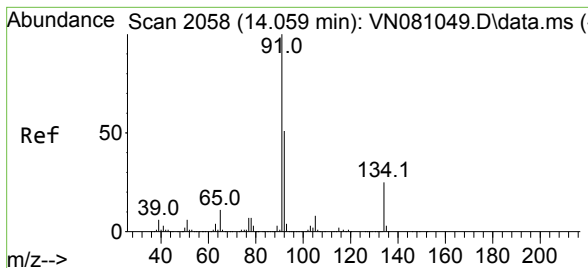
Tgt Ion:146 Resp: 132854
Ion Ratio Lower Upper
146 100
111 44.1 23.9 71.7
148 63.6 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 19.634 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion:146 Resp: 130088
Ion Ratio Lower Upper
146 100
111 43.5 22.6 67.7
148 65.8 31.9 95.5





#89

n-Butylbenzene

Concen: 20.091 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081265.D

Acq: 29 Feb 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBS01

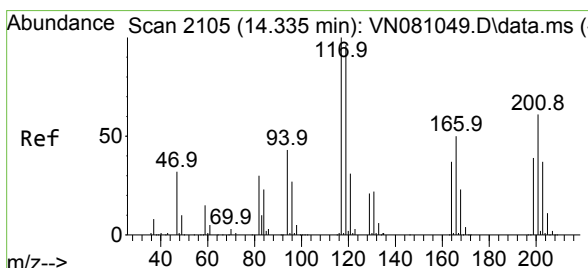
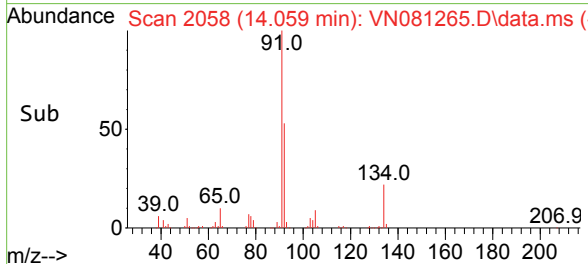
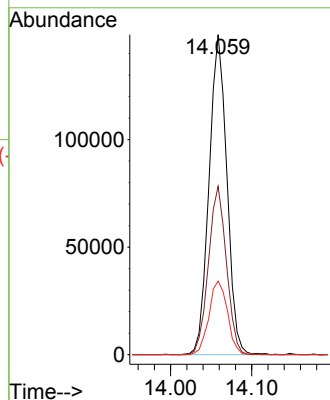
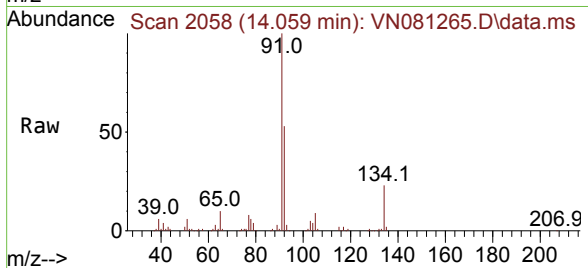
Tgt Ion: 91 Resp: 226787

Ion Ratio Lower Upper

91 100

92 53.0 26.7 80.1

134 24.0 10.8 32.4



#90

Hexachloroethane

Concen: 20.139 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081265.D

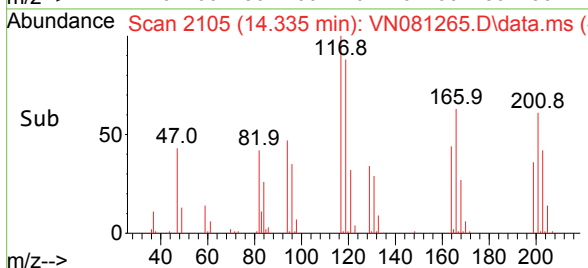
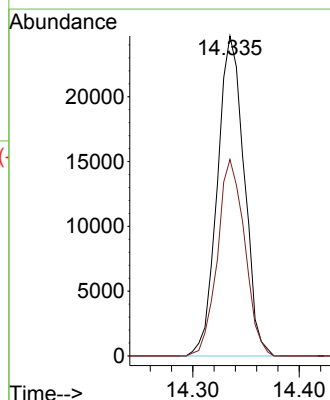
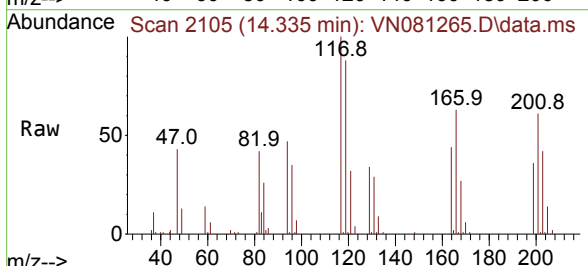
Acq: 29 Feb 2024 13:28

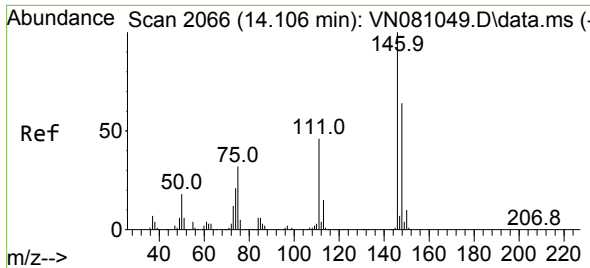
Tgt Ion: 117 Resp: 43132

Ion Ratio Lower Upper

117 100

201 62.3 30.0 90.0

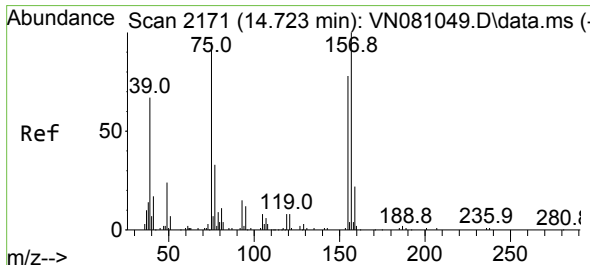
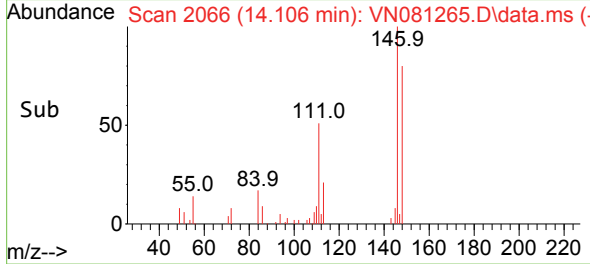
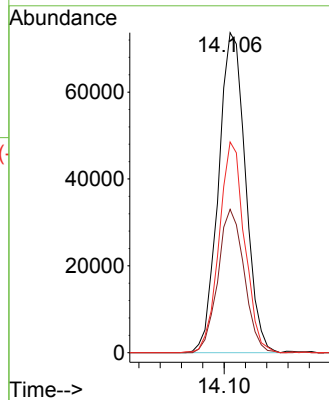
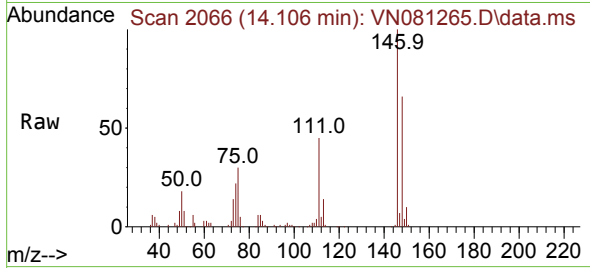




#91
1,2-Dichlorobenzene
Concen: 19.889 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

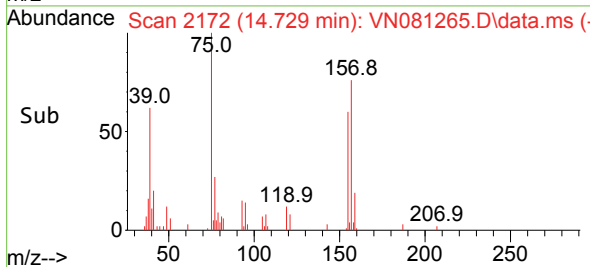
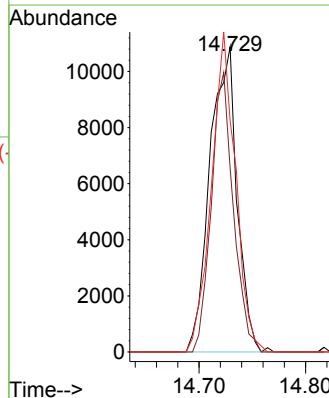
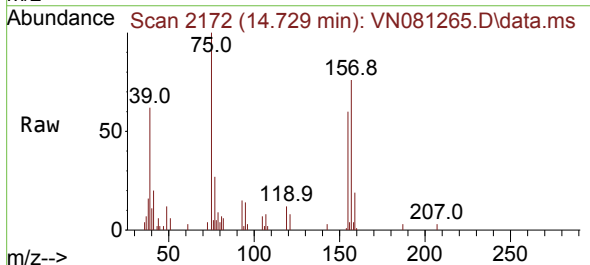
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

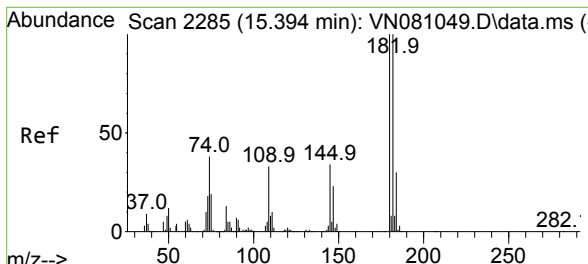
Tgt Ion:146 Resp: 129343
Ion Ratio Lower Upper
146 100
111 43.6 23.9 71.8
148 62.3 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.593 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion: 75 Resp: 19269
Ion Ratio Lower Upper
75 100
155 74.4 31.8 95.4
157 92.7 41.1 123.4

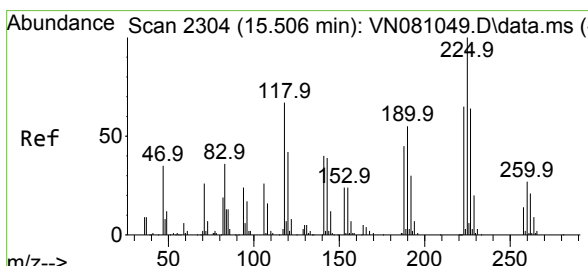
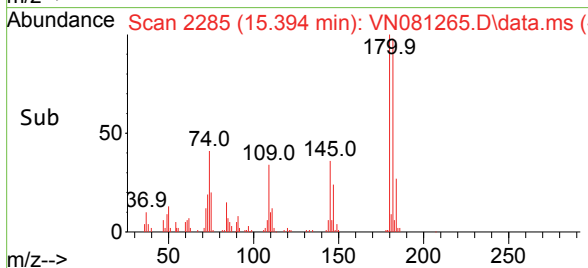
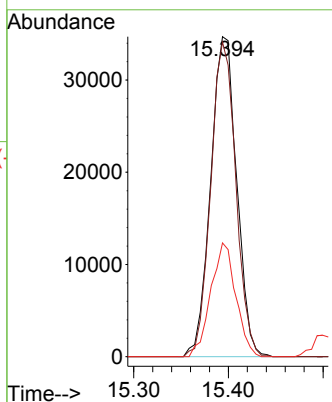
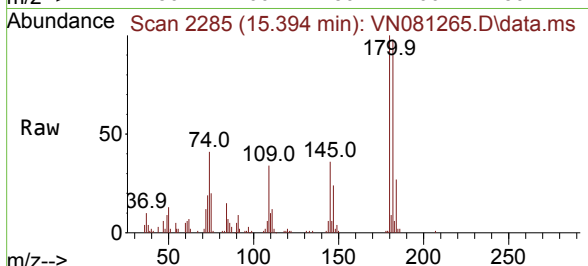




#93
 1,2,4-Trichlorobenzene
 Concen: 18.261 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081265.D
 Acq: 29 Feb 2024 13:28

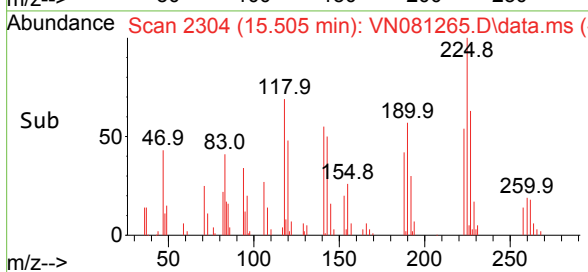
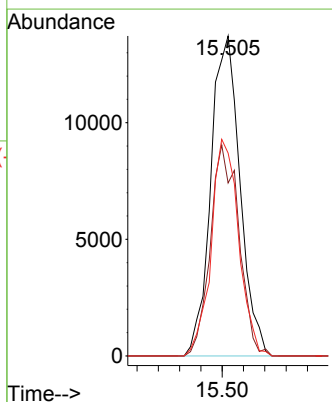
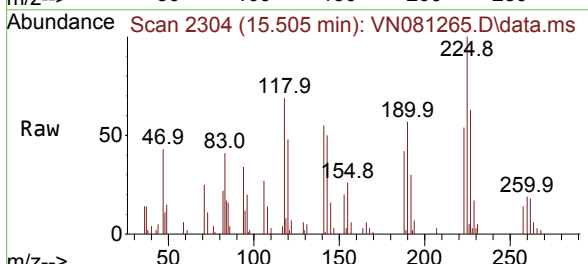
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBS01

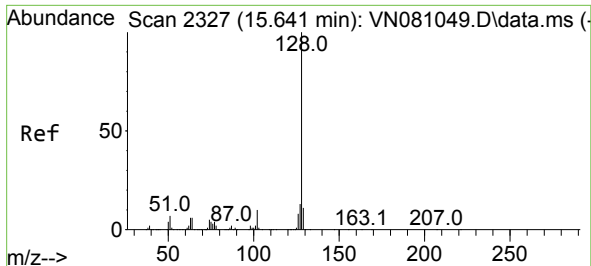
Tgt Ion:	180	Resp:	66252
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.6	139.7
145	34.3	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 19.256 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN081265.D
 Acq: 29 Feb 2024 13:28

Tgt Ion:	225	Resp:	26056
Ion Ratio	Lower	Upper	
225	100		
223	64.4	33.3	99.8
227	63.9	33.1	99.2

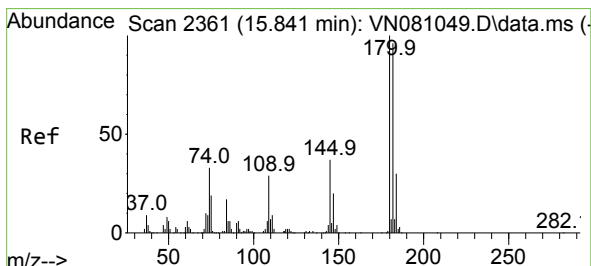
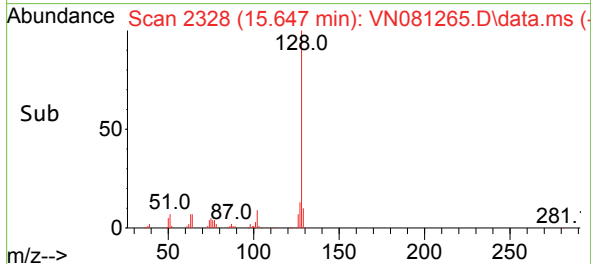
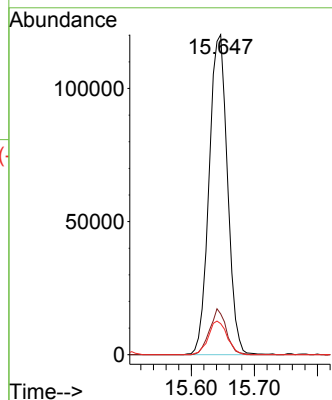
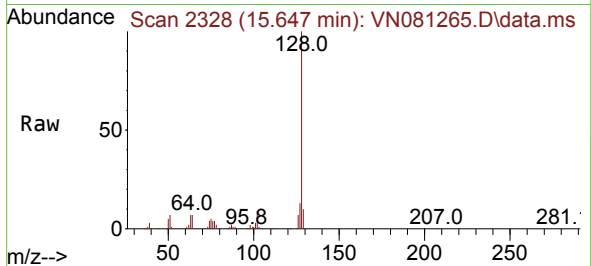




#95
Naphthalene
Concen: 18.261 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0229WBS01

Tgt Ion:128 Resp: 242781
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.892 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081265.D
Acq: 29 Feb 2024 13:28

Tgt Ion:180 Resp: 67996
Ion Ratio Lower Upper
180 100
182 96.4 46.5 139.3
145 37.1 17.8 53.4

