

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081111.D
 Acq On : 21 Feb 2024 11:26
 Operator : JC\MD
 Sample : VN0221WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBS01

Quant Time: Feb 22 04:43:37 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	368604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	670120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	587855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	270210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	205455	45.474	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.940%
35) Dibromofluoromethane	8.165	113	176951	46.697	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.400%
50) Toluene-d8	10.565	98	615418	45.727	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.460%
62) 4-Bromofluorobenzene	12.847	95	231522	45.781	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	96051	20.150	ug/l	100
3) Chloromethane	2.359	50	91809	16.870	ug/l	95
4) Vinyl Chloride	2.518	62	97653	18.443	ug/l	90
5) Bromomethane	2.965	94	71017	18.883	ug/l	89
6) Chloroethane	3.124	64	63939	18.115	ug/l	90
7) Trichlorofluoromethane	3.506	101	151992	19.649	ug/l	94
8) Diethyl Ether	3.959	74	54777	19.369	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	85365	19.796	ug/l	93
10) Methyl Iodide	4.589	142	87923	18.266	ug/l	95
11) Tert butyl alcohol	5.506	59	70150	84.428	ug/l #	91
12) 1,1-Dichloroethene	4.347	96	80844	19.394	ug/l	88
13) Acrolein	4.177	56	73769	165.647	ug/l	97
14) Allyl chloride	5.024	41	115220	18.629	ug/l #	93
15) Acrylonitrile	5.712	53	195691	90.180	ug/l	96
16) Acetone	4.424	43	117086	65.862	ug/l	97
17) Carbon Disulfide	4.712	76	202593	17.425	ug/l #	93
18) Methyl Acetate	5.018	43	87383	20.149	ug/l #	89
19) Methyl tert-butyl Ether	5.788	73	279138	19.552	ug/l	95
20) Methylene Chloride	5.271	84	92689	19.589	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	84967	18.270	ug/l	87
22) Diisopropyl ether	6.671	45	280752	20.011	ug/l #	94
23) Vinyl Acetate	6.600	43	1208958	106.205	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	163972	20.212	ug/l	96
25) 2-Butanone	7.482	43	230913	80.401	ug/l	92
26) 2,2-Dichloropropane	7.488	77	149792	19.706	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	104751	19.386	ug/l	87
28) Bromochloromethane	7.818	49	71855	21.365	ug/l #	69
29) Tetrahydrofuran	7.835	42	169287	88.299	ug/l #	89
30) Chloroform	7.965	83	172787	20.035	ug/l	95
31) Cyclohexane	8.253	56	148099	18.984	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	153049	19.486	ug/l #	88
36) 1,1-Dichloropropene	8.371	75	129515	19.950	ug/l	97
37) Ethyl Acetate	7.559	43	105244	17.963	ug/l	95
38) Carbon Tetrachloride	8.359	117	132073	20.108	ug/l	94
39) Methylcyclohexane	9.600	83	146225	19.322	ug/l #	89
40) Benzene	8.606	78	370626	19.724	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	63863	19.152	ug/l	97
42) 1,2-Dichloroethane	8.671	62	127544	19.455	ug/l	98
43) Isopropyl Acetate	8.682	43	202800	19.791	ug/l	97
44) Trichloroethene	9.353	130	93645	18.711	ug/l	99
45) 1,2-Dichloropropane	9.624	63	95600	20.339	ug/l	97
46) Dibromomethane	9.706	93	66938	19.545	ug/l	91
47) Bromodichloromethane	9.888	83	128099	19.749	ug/l #	95
48) Methyl methacrylate	9.682	41	88940	18.653	ug/l	95
49) 1,4-Dioxane	9.694	88	32788	347.642	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	548577	93.064	ug/l	95
52) Toluene	10.629	92	236167	19.853	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	141601	19.645	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	158917	20.406	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	90897	19.866	ug/l	95
56) Ethyl methacrylate	10.876	69	131501	18.805	ug/l	88
57) 1,3-Dichloropropane	11.165	76	157695	19.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	279396	79.633	ug/l #	87
59) 2-Hexanone	11.194	43	385922	82.581	ug/l	95
60) Dibromochloromethane	11.359	129	95611	19.670	ug/l	97
61) 1,2-Dibromoethane	11.470	107	91551	19.028	ug/l	97
64) Tetrachloroethene	11.106	164	82384	20.534	ug/l	86
65) Chlorobenzene	11.894	112	249794	19.633	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	90621	19.830	ug/l	98
67) Ethyl Benzene	11.965	91	442833	19.451	ug/l	99
68) m/p-Xylenes	12.070	106	338951	38.842	ug/l	97
69) o-Xylene	12.400	106	170345	19.693	ug/l	93
70) Styrene	12.412	104	271528	19.809	ug/l	96
71) Bromoform	12.582	173	57910	19.974	ug/l #	95
73) Isopropylbenzene	12.694	105	439330	18.583	ug/l	99
74) N-amyl acetate	12.494	43	168374	16.851	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	118615	17.843	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	160885	26.206	ug/l	63
77) Bromobenzene	12.982	156	97315	18.461	ug/l	74
78) n-propylbenzene	13.035	91	515611	18.945	ug/l	95
79) 2-Chlorotoluene	13.123	91	302589	18.126	ug/l	92
80) 1,3,5-Trimethylbenzene	13.170	105	370678	19.338	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	40373	16.926	ug/l #	79
82) 4-Chlorotoluene	13.223	91	302855	18.554	ug/l	93
83) tert-Butylbenzene	13.441	119	315418	19.030	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	374235	19.592	ug/l	95
85) sec-Butylbenzene	13.617	105	454306	19.716	ug/l	95
86) p-Isopropyltoluene	13.729	119	372696	19.473	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	187063	18.781	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	192159	19.634	ug/l	97
89) n-Butylbenzene	14.059	91	328225	19.685	ug/l	96
90) Hexachloroethane	14.335	117	62557	19.774	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	182951	19.045	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22589	16.343	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	98335	18.349	ug/l	97
94) Hexachlorobutadiene	15.500	225	36703	18.363	ug/l	96
95) Naphthalene	15.641	128	341626	17.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99737	18.760	ug/l	99

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QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

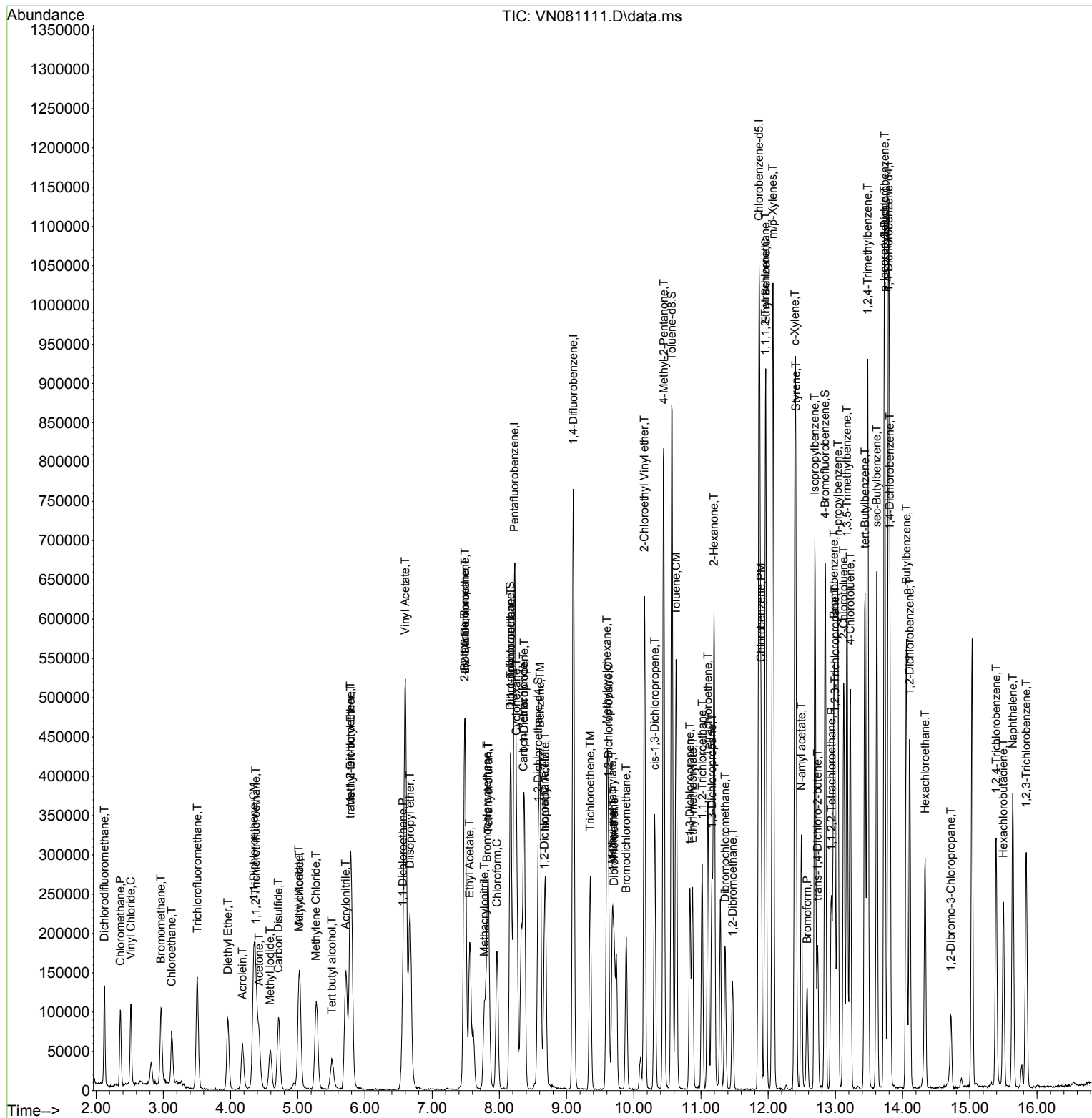
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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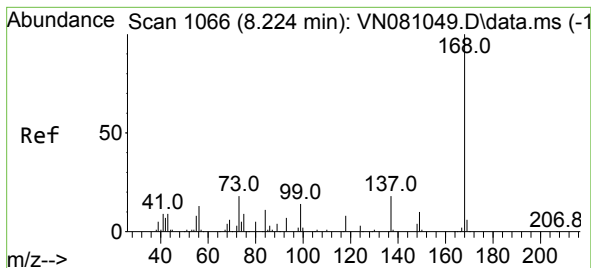
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081111.D

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Instrument :

MSVOA_N

ClientSampleId :

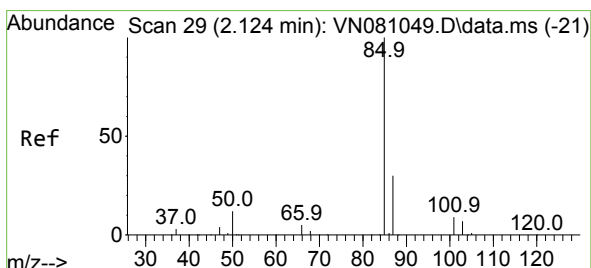
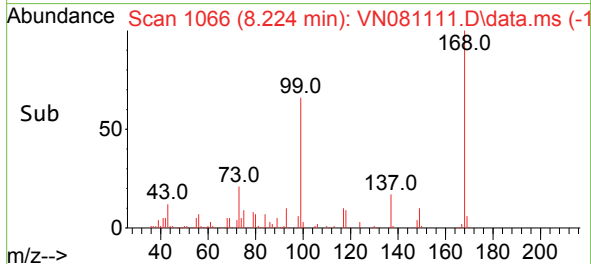
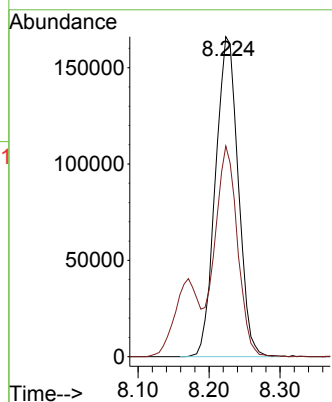
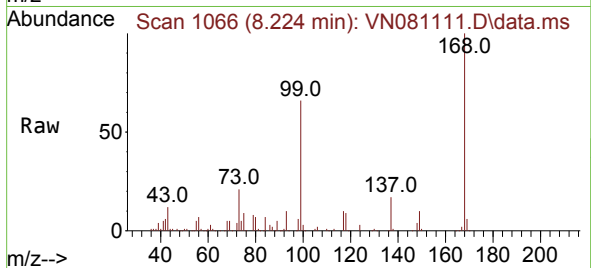
VN0221WBS01

Tgt Ion:168 Resp: 368604

Ion Ratio Lower Upper

168 100

99 65.7 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 20.150 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081111.D

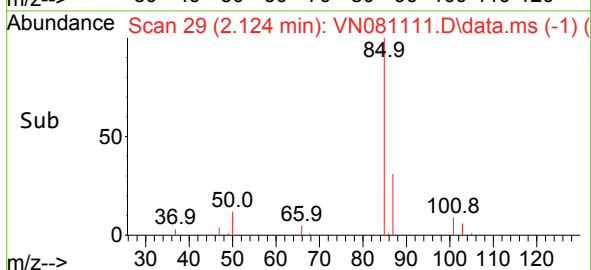
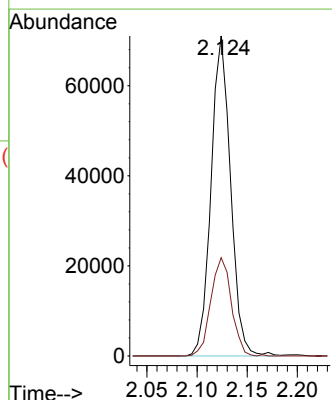
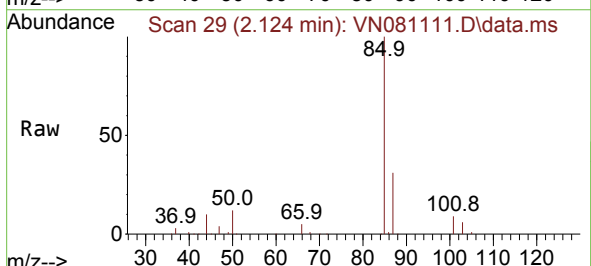
Acq: 21 Feb 2024 11:26

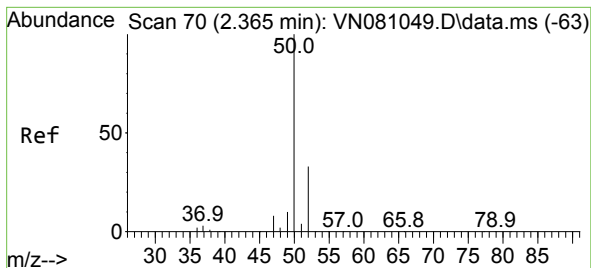
Tgt Ion: 85 Resp: 96051

Ion Ratio Lower Upper

85 100

87 30.7 15.3 45.9





#3

Chloromethane

Concen: 16.870 ug/l

RT: 2.359 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Instrument :

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ClientSampleId :

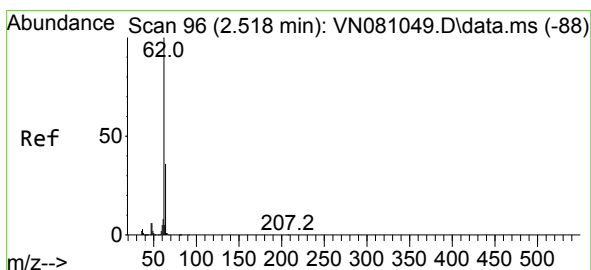
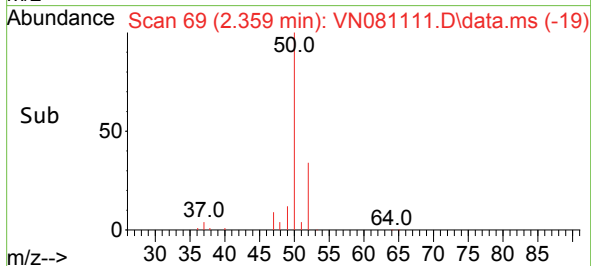
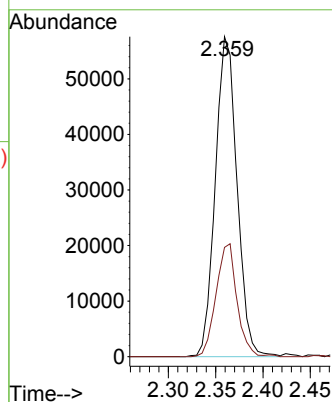
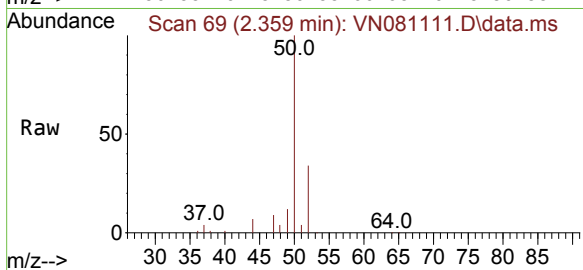
VN0221WBS01

Tgt Ion: 50 Resp: 91809

Ion Ratio Lower Upper

50 100

52 34.1 25.0 37.4



#4

Vinyl Chloride

Concen: 18.443 ug/l

RT: 2.518 min Scan# 96

Delta R.T. -0.000 min

Lab File: VN081111.D

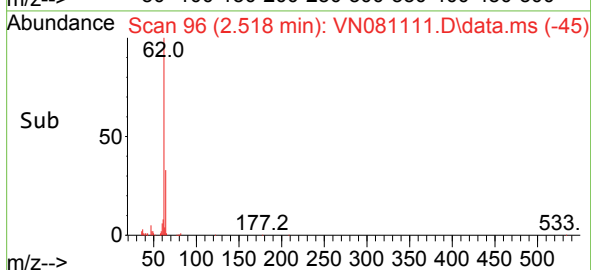
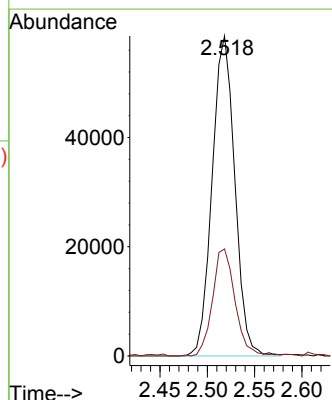
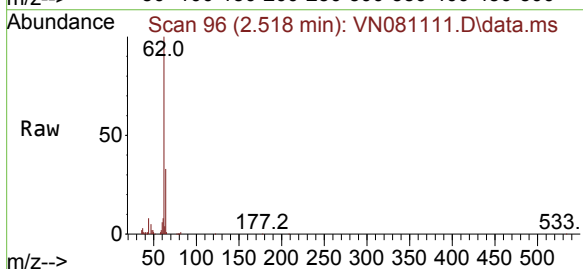
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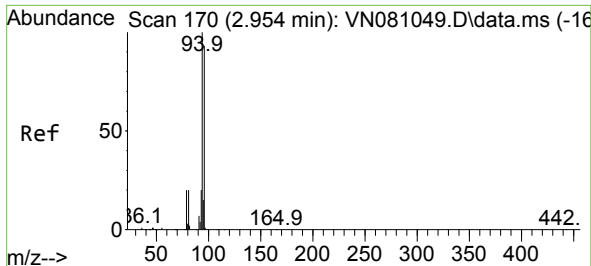
Tgt Ion: 62 Resp: 97653

Ion Ratio Lower Upper

62 100

64 33.4 22.7 34.1

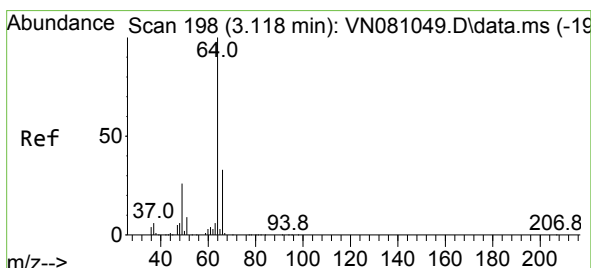
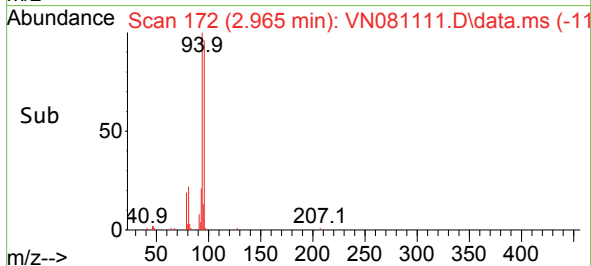
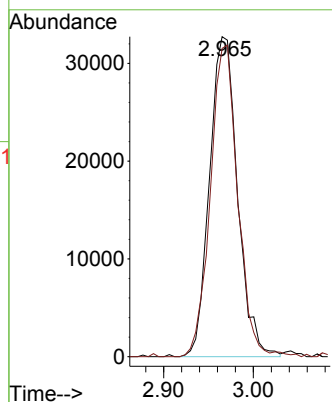
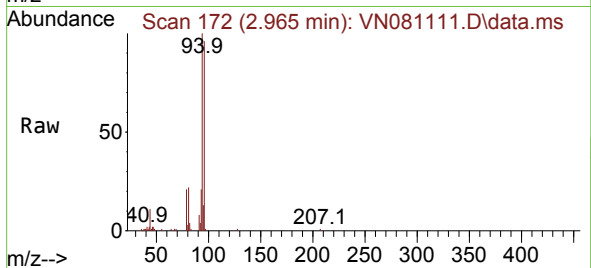




#5
Bromomethane
Concen: 18.883 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081111.D
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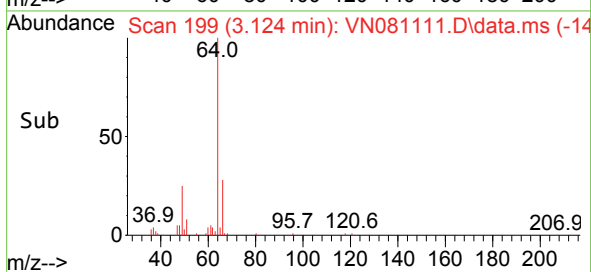
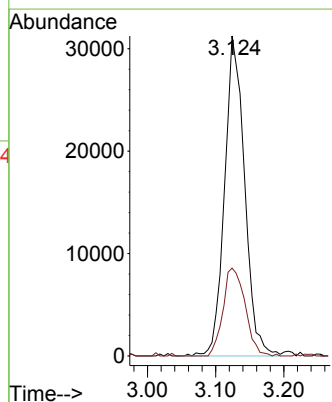
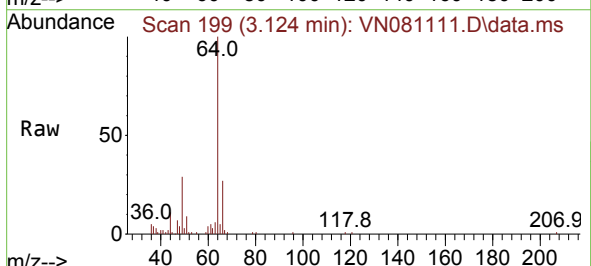
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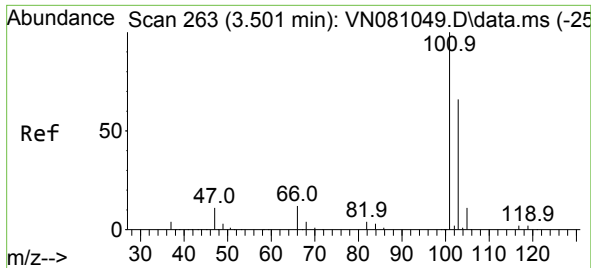
Tgt Ion: 94 Resp: 71017
Ion Ratio Lower Upper
94 100
96 96.3 69.2 103.8



#6
Chloroethane
Concen: 18.115 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion: 64 Resp: 63939
Ion Ratio Lower Upper
64 100
66 27.5 26.4 39.6

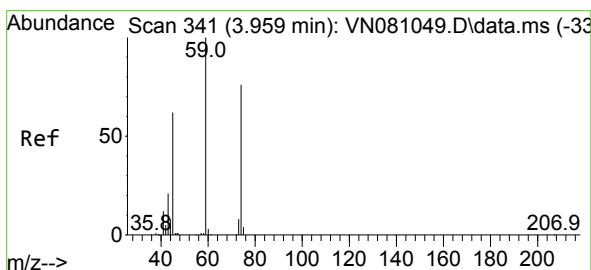
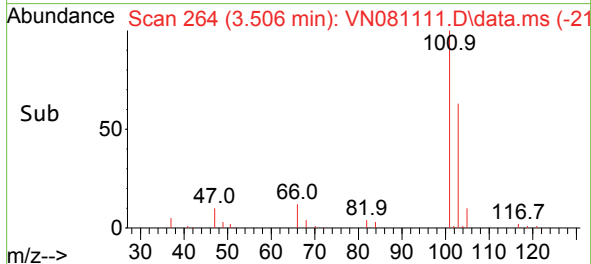
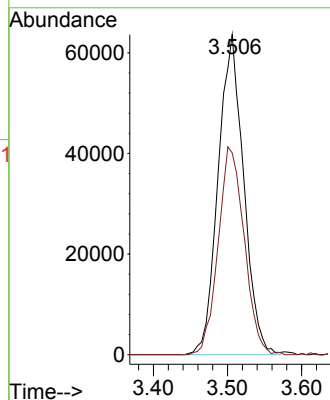
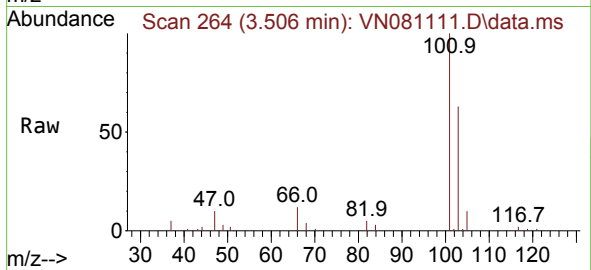




#7
Trichlorofluoromethane
Concen: 19.649 ug/l
RT: 3.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

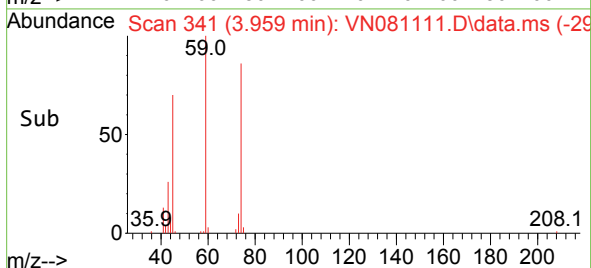
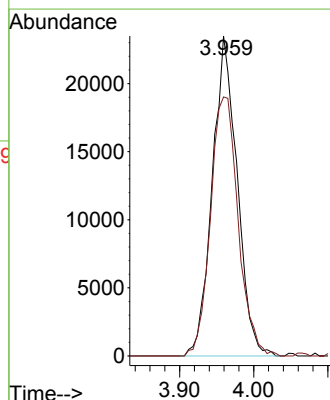
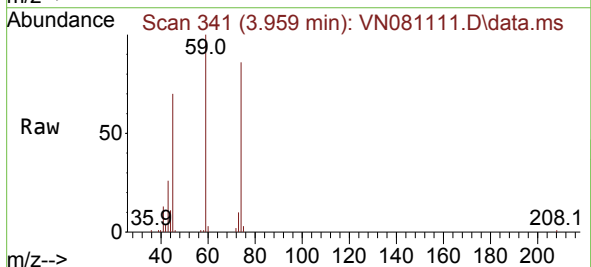
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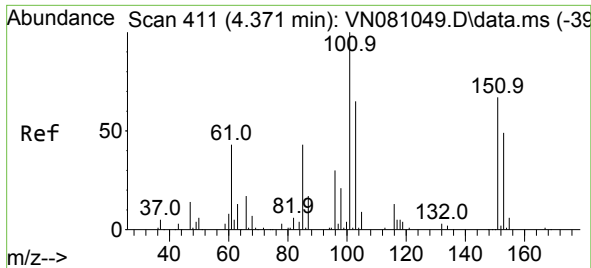
Tgt Ion:101 Resp: 151992
Ion Ratio Lower Upper
101 100
103 63.1 54.4 81.6



#8
Diethyl Ether
Concen: 19.369 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion: 74 Resp: 54777
Ion Ratio Lower Upper
74 100
45 90.0 53.3 159.9

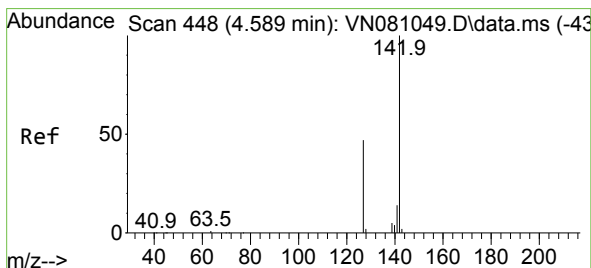
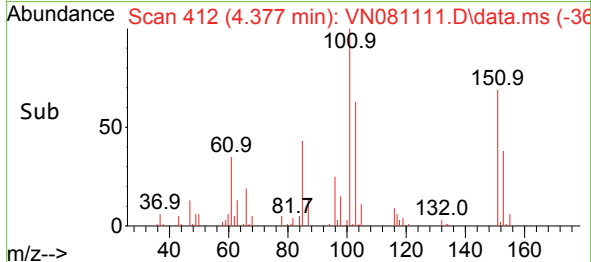
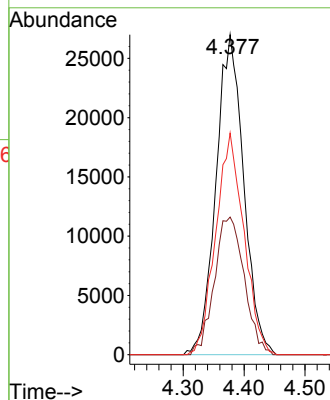
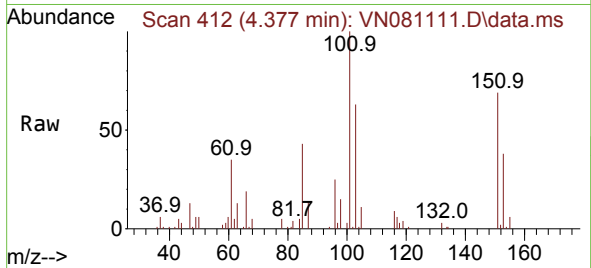




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.796 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

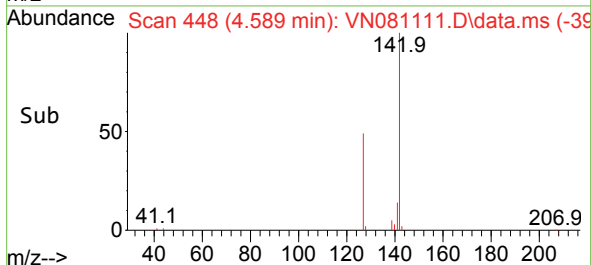
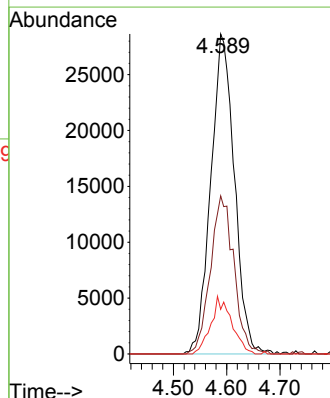
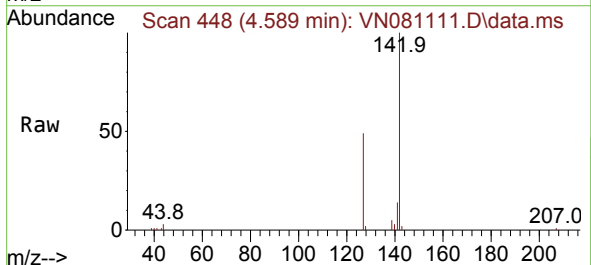
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

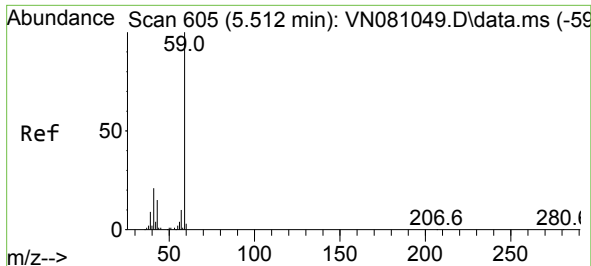
Tgt Ion:101 Resp: 85365
Ion Ratio Lower Upper
101 100
85 46.4 38.1 57.1
151 70.4 49.1 73.7



#10
Methyl Iodide
Concen: 18.266 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion:142 Resp: 87923
Ion Ratio Lower Upper
142 100
127 49.4 37.0 55.4
141 13.9 12.5 18.7

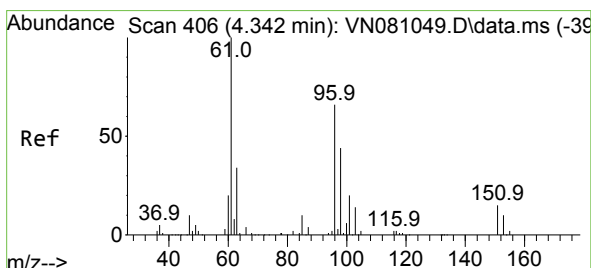
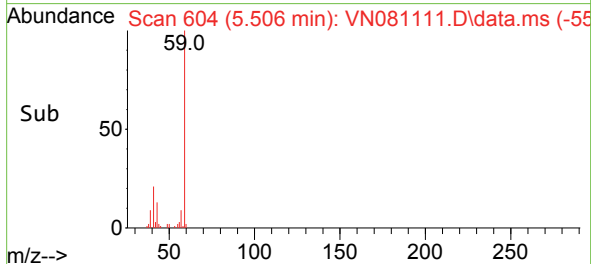
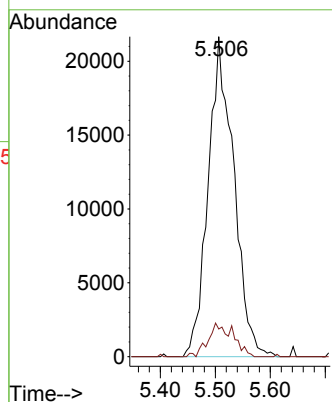
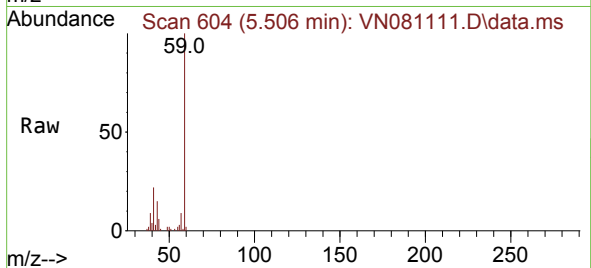




#11
Tert butyl alcohol
Concen: 84.428 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

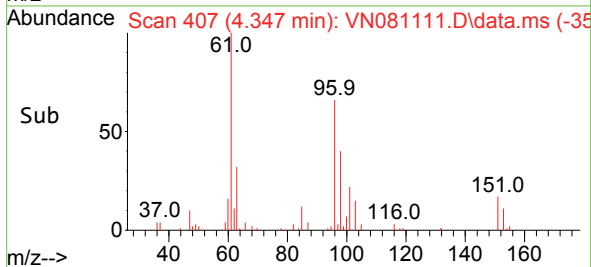
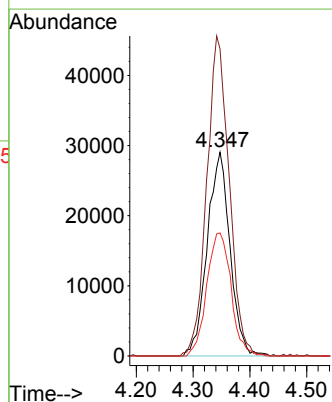
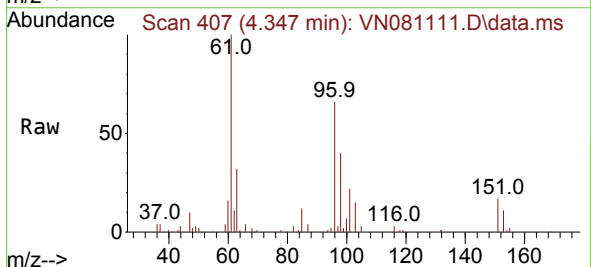
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

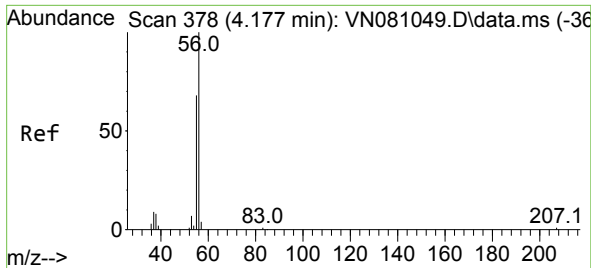
Tgt Ion: 59 Resp: 70150
Ion Ratio Lower Upper
59 100
57 7.3 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 19.394 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

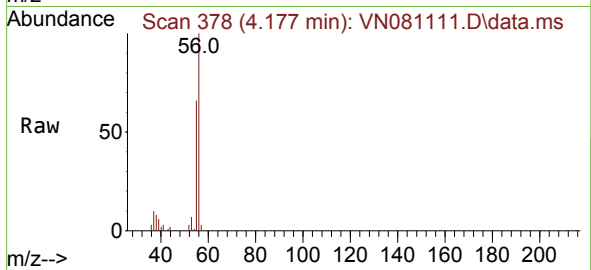
Tgt Ion: 96 Resp: 80844
Ion Ratio Lower Upper
96 100
61 150.8 138.2 207.4
98 60.4 49.2 73.8



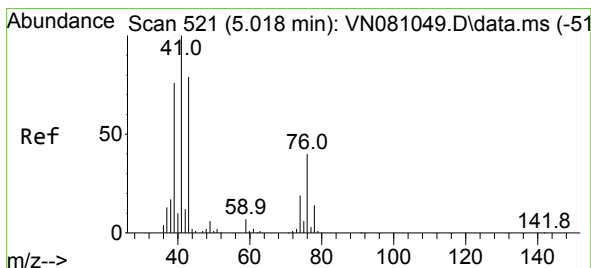
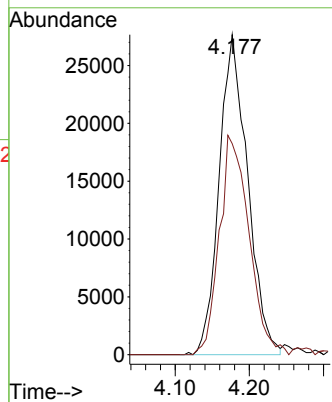
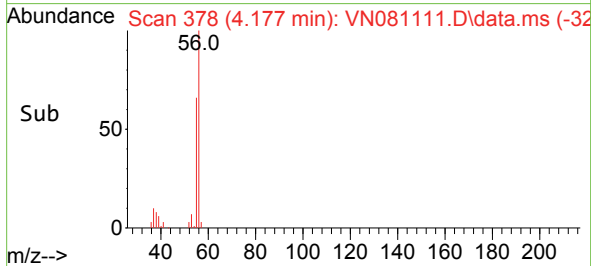


#13
Acrolein
Concen: 165.647 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

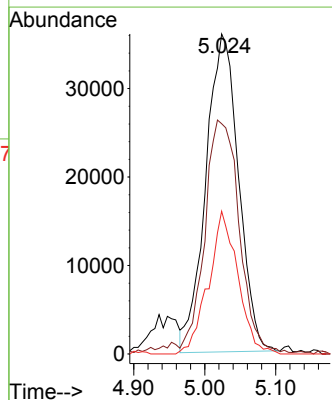
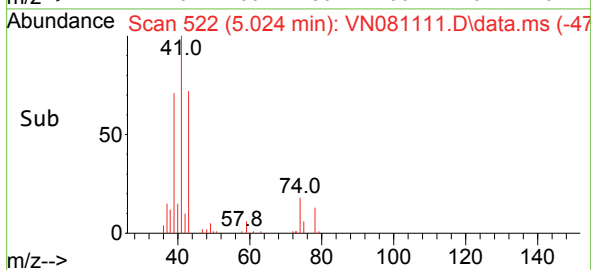
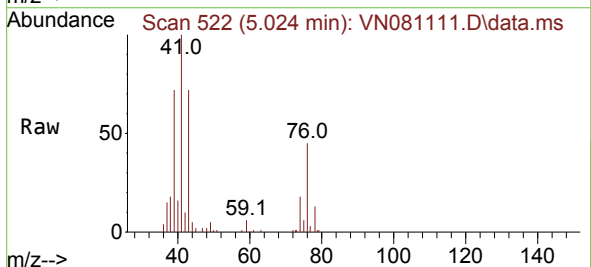


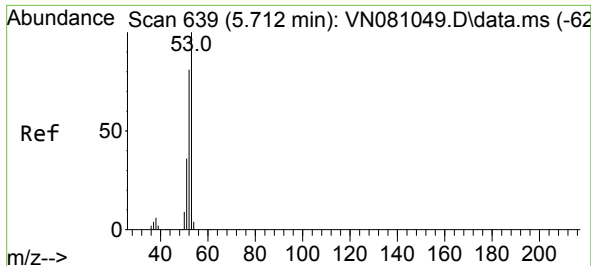
Tgt Ion: 56 Resp: 73769
Ion Ratio Lower Upper
56 100
55 71.3 55.3 82.9



#14
Allyl chloride
Concen: 18.629 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

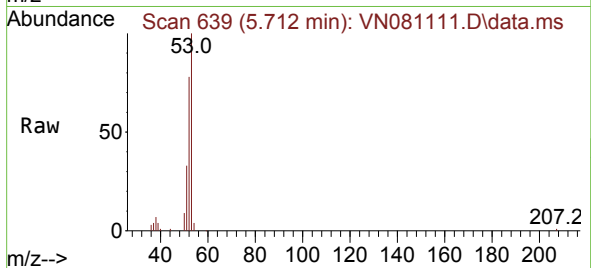
Tgt Ion: 41 Resp: 115220
Ion Ratio Lower Upper
41 100
39 76.5 57.7 86.5
76 40.3 26.8 40.2#



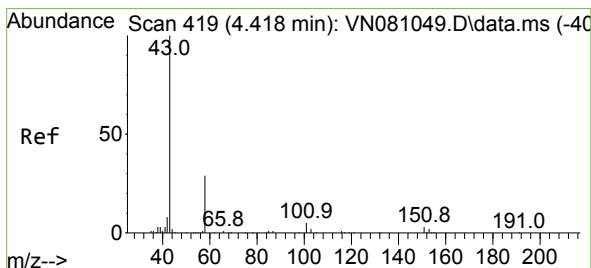
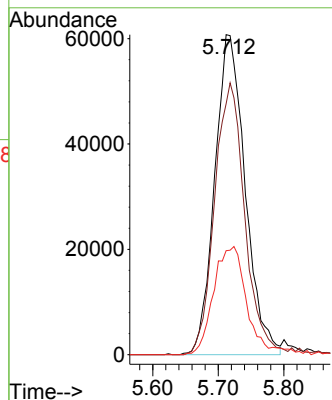
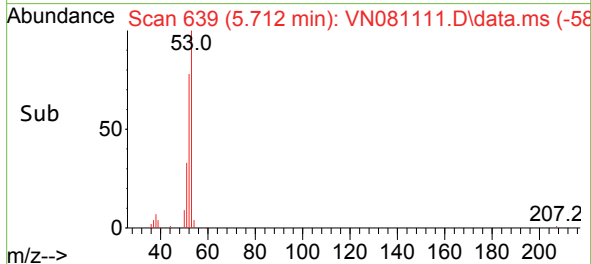


#15
Acrylonitrile
Concen: 90.180 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

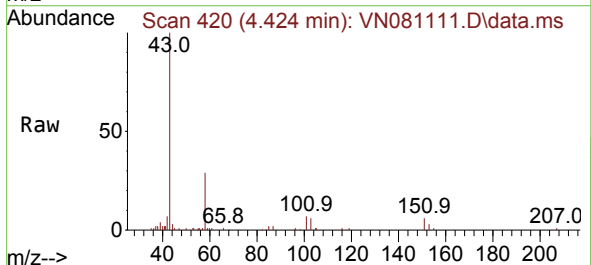
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01



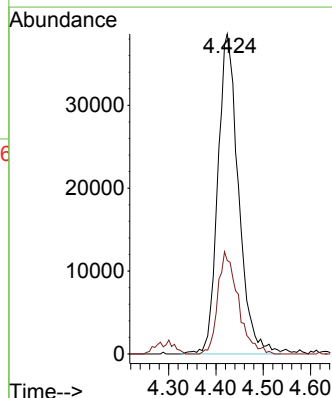
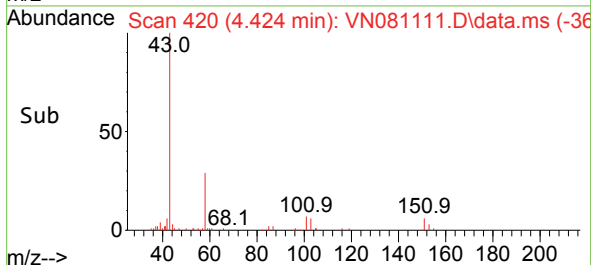
Tgt Ion: 53 Resp: 195691
Ion Ratio Lower Upper
53 100
52 84.1 64.8 97.2
51 37.3 26.9 40.3

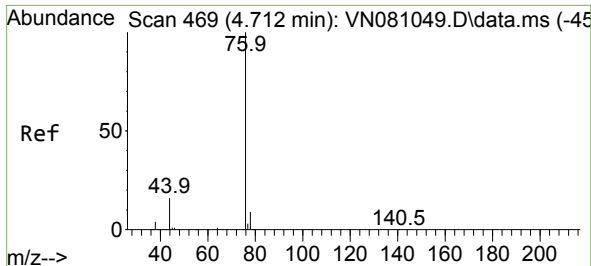


#16
Acetone
Concen: 65.862 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26



Tgt Ion: 43 Resp: 117086
Ion Ratio Lower Upper
43 100
58 29.2 24.8 37.2

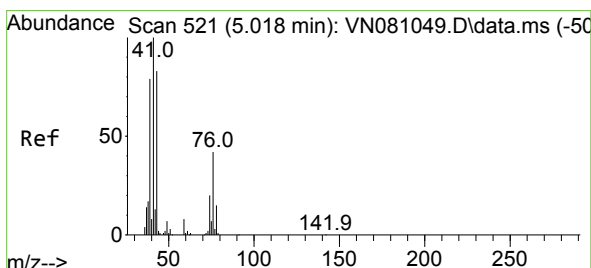
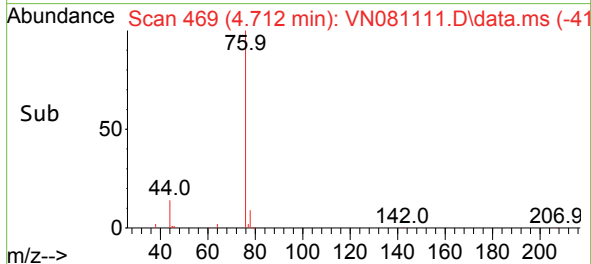
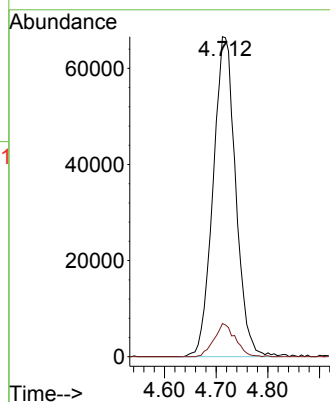
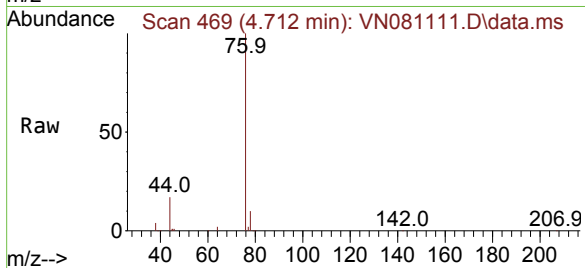




#17
Carbon Disulfide
Concen: 17.425 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

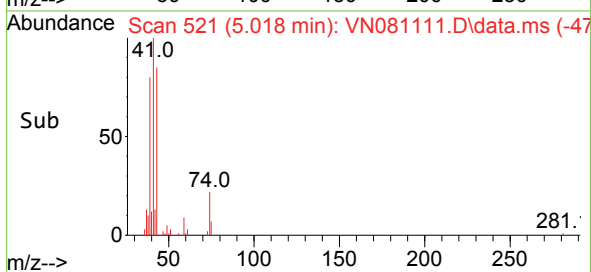
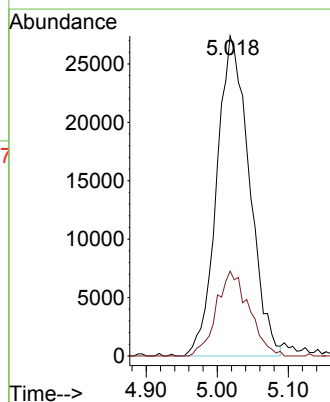
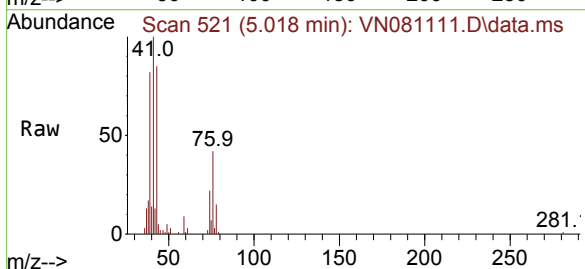
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

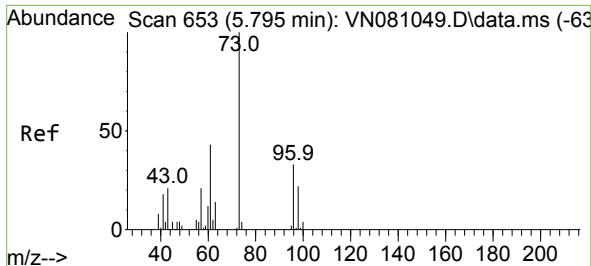
Tgt Ion: 76 Resp: 202593
Ion Ratio Lower Upper
76 100
78 10.3 6.3 9.5#



#18
Methyl Acetate
Concen: 20.149 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion: 43 Resp: 87383
Ion Ratio Lower Upper
43 100
74 26.7 17.3 25.9#

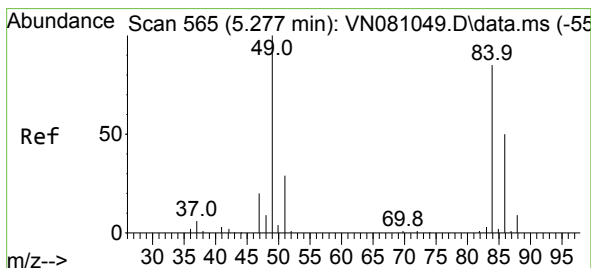
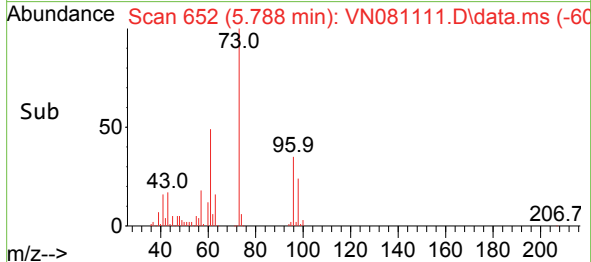
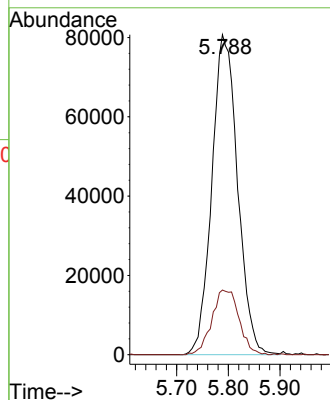
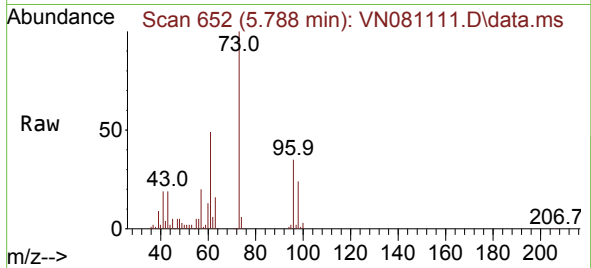




#19
Methyl tert-butyl Ether
Concen: 19.552 ug/l
RT: 5.788 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

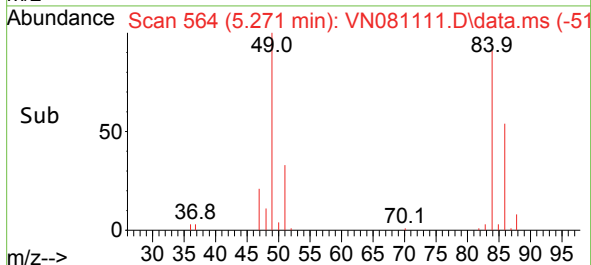
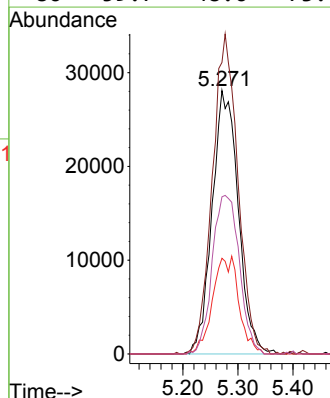
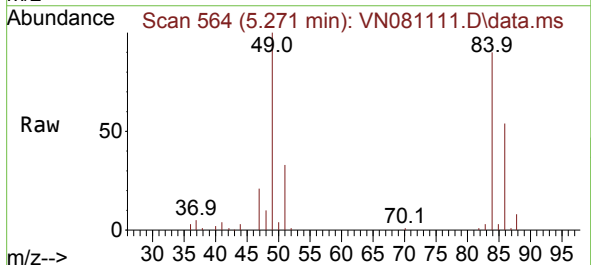
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

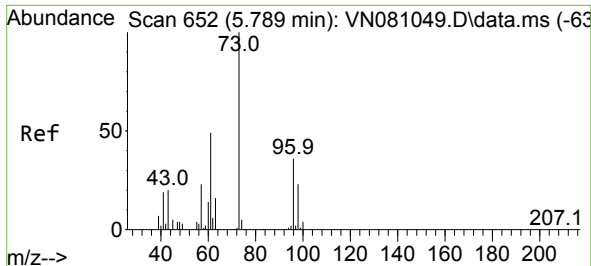
Tgt Ion: 73 Resp: 279138
Ion Ratio Lower Upper
73 100
57 20.2 18.2 27.4



#20
Methylene Chloride
Concen: 19.589 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion: 84 Resp: 92689
Ion Ratio Lower Upper
84 100
49 110.7 108.1 162.1
51 36.3 32.9 49.3
86 59.7 48.6 73.0

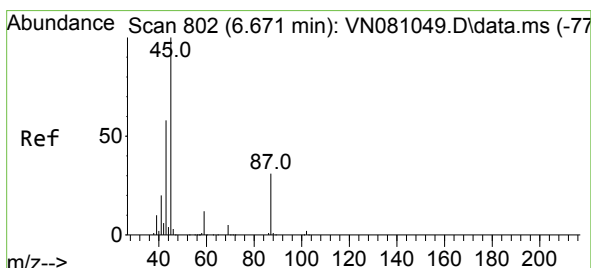
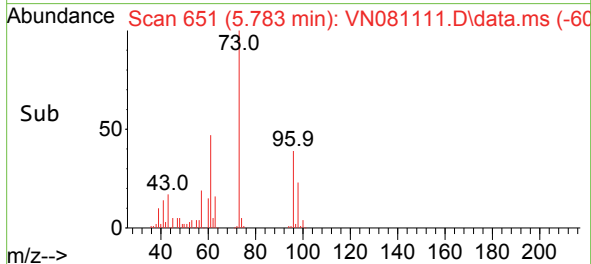
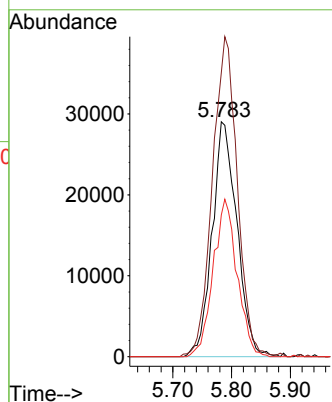
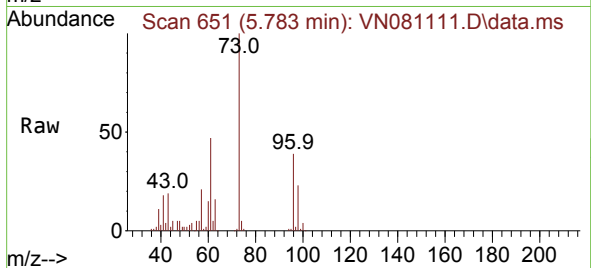




#21
trans-1,2-Dichloroethene
Concen: 18.270 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

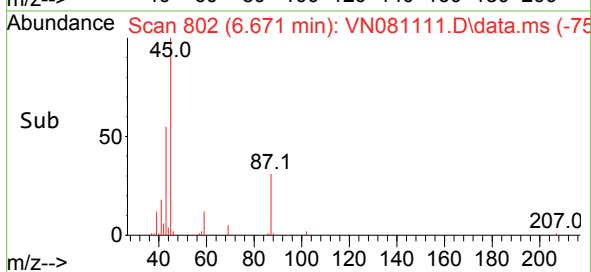
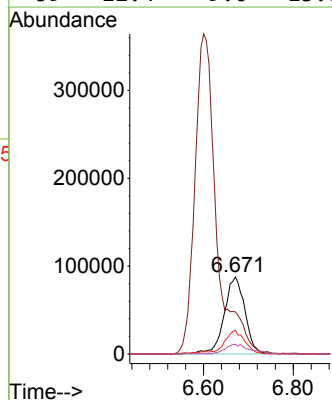
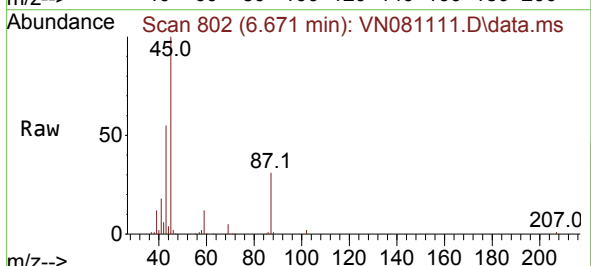
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

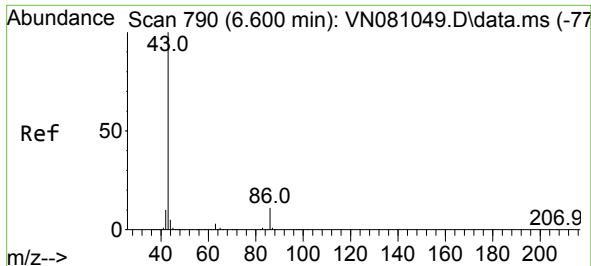
Tgt Ion: 96 Resp: 84967
Ion Ratio Lower Upper
96 100
61 120.9 112.8 169.2
98 60.3 51.0 76.4



#22
Diisopropyl ether
Concen: 20.011 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion: 45 Resp: 280752
Ion Ratio Lower Upper
45 100
43 54.1 41.8 62.8
87 30.7 18.1 27.1#
59 12.4 9.0 13.6

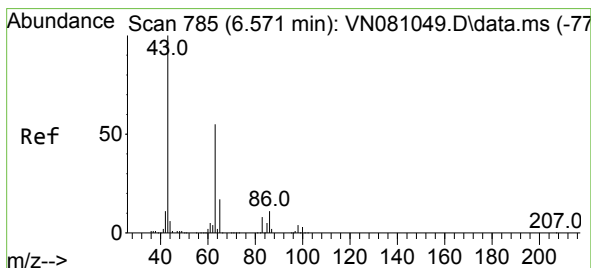
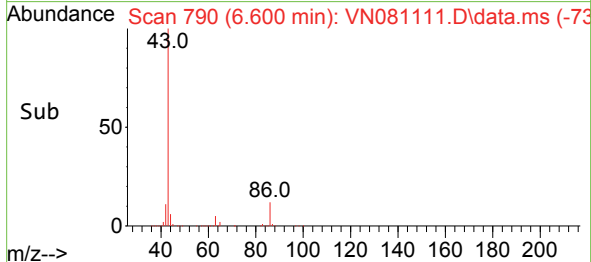
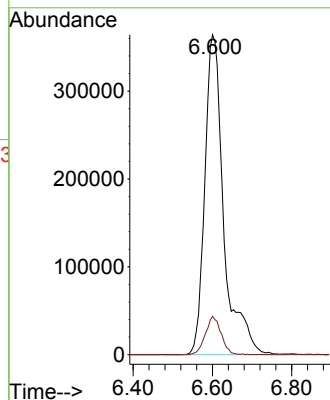
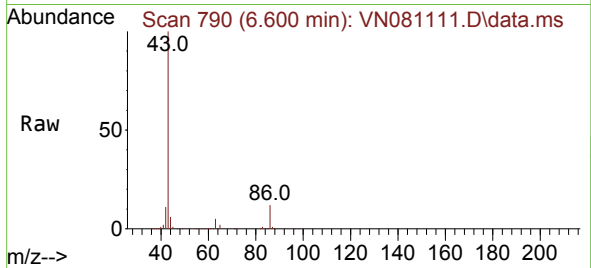




#23
 Vinyl Acetate
 Concen: 106.205 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081111.D
 Acq: 21 Feb 2024 11:26

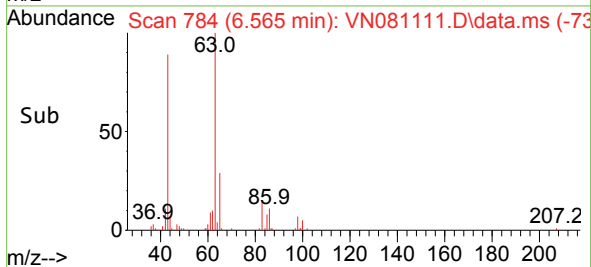
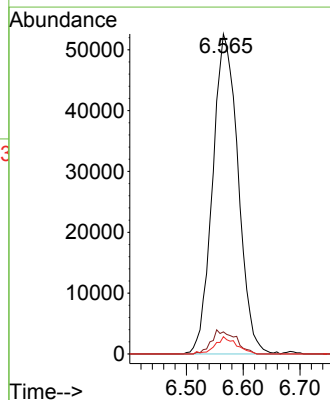
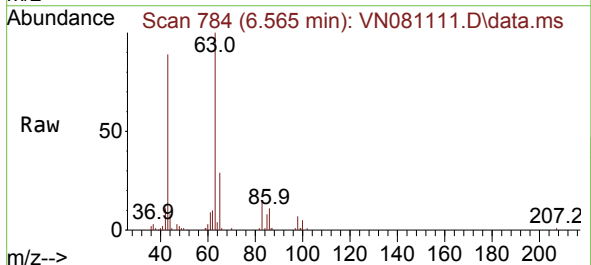
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBS01

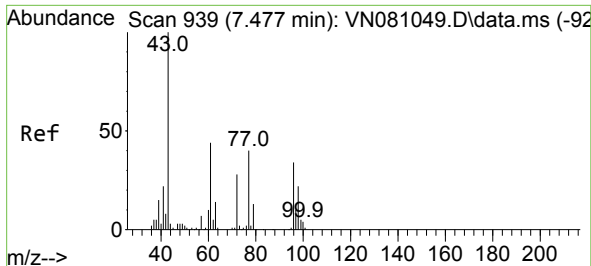
Tgt Ion: 43 Resp: 1208958
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.212 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081111.D
 Acq: 21 Feb 2024 11:26

Tgt Ion: 63 Resp: 163972
 Ion Ratio Lower Upper
 63 100
 98 6.9 2.9 8.6
 100 5.4 1.9 5.7

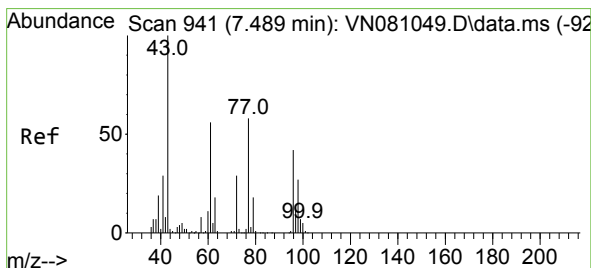
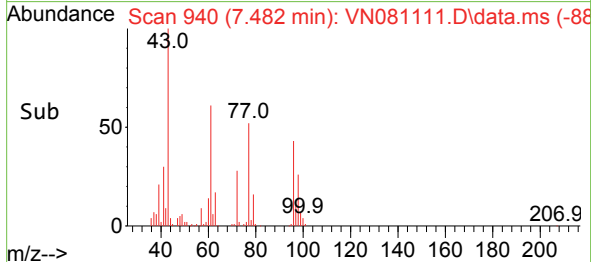
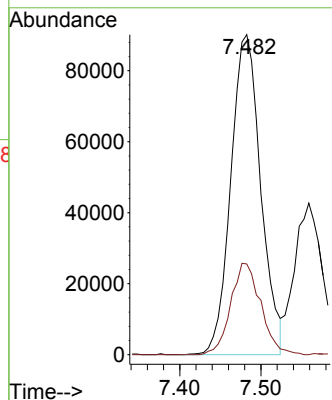
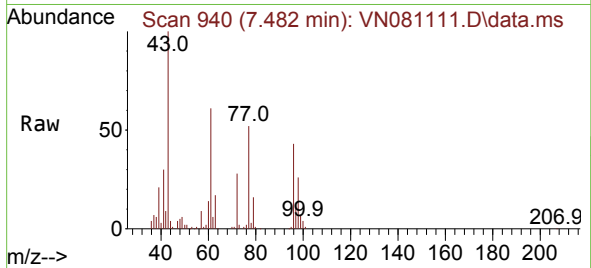




#25
2-Butanone
Concen: 80.401 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

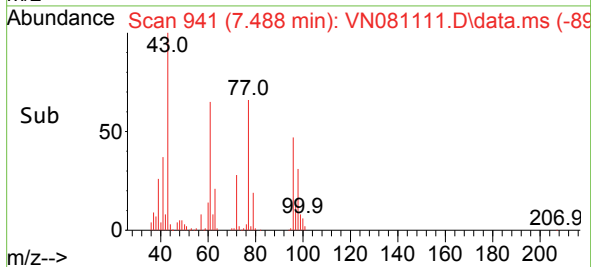
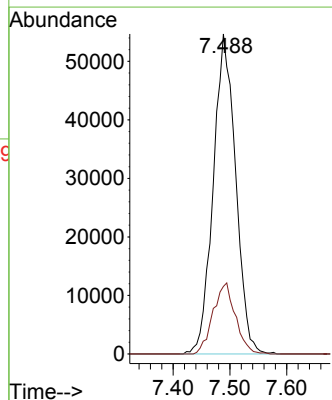
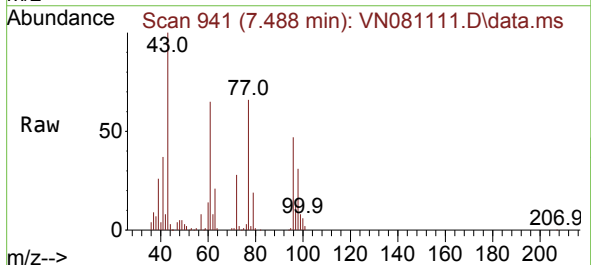
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

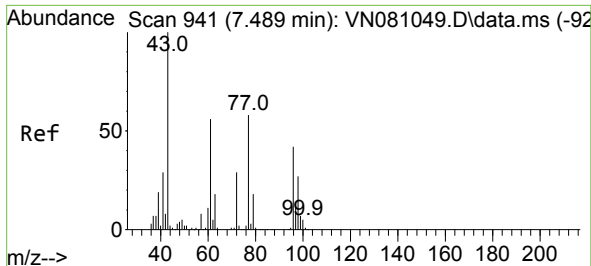
Tgt Ion: 43 Resp: 230913
Ion Ratio Lower Upper
43 100
72 28.3 19.5 29.3



#26
2,2-Dichloropropane
Concen: 19.706 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion: 77 Resp: 149792
Ion Ratio Lower Upper
77 100
97 22.2 11.5 34.5

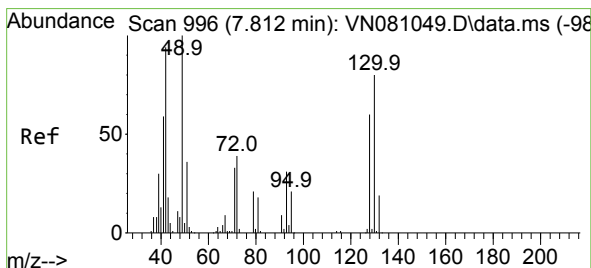
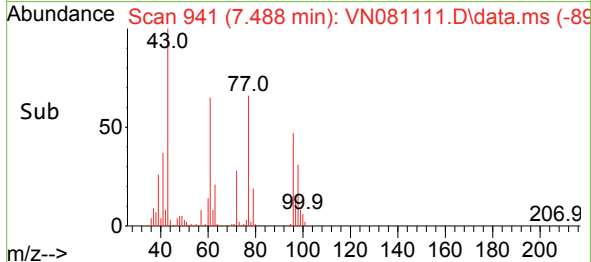
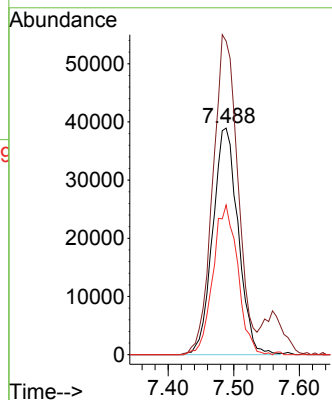
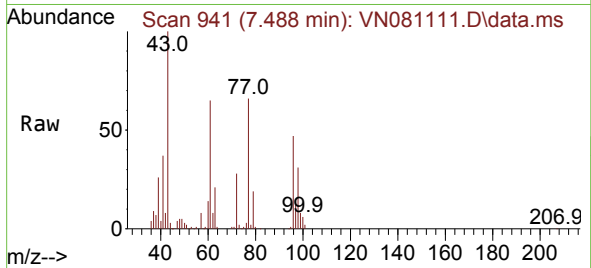




#27
 cis-1,2-Dichloroethene
 Concen: 19.386 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081111.D
 Acq: 21 Feb 2024 11:26

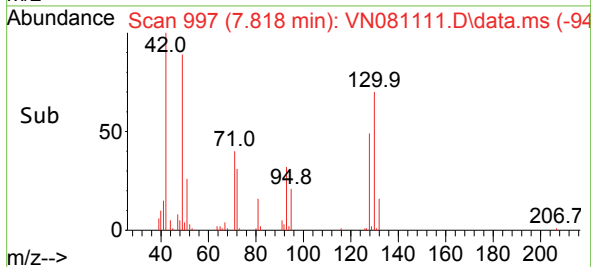
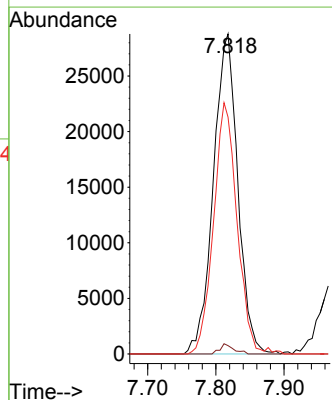
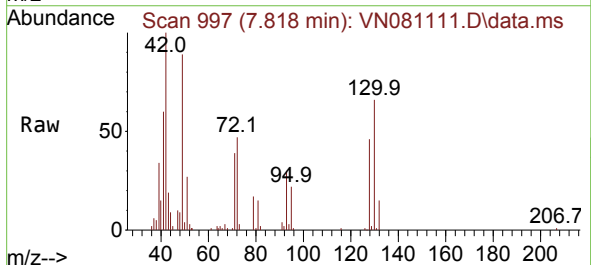
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBS01

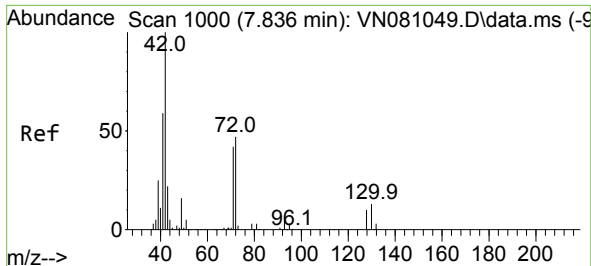
Tgt Ion: 96 Resp: 104751
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 325.4
 98 64.3 0.0 130.4



#28
 Bromochloromethane
 Concen: 21.365 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081111.D
 Acq: 21 Feb 2024 11:26

Tgt Ion: 49 Resp: 71855
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 1.6#
 130 75.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 88.299 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

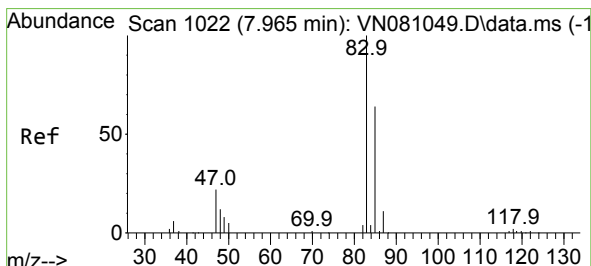
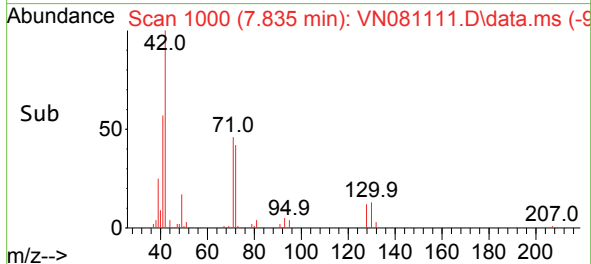
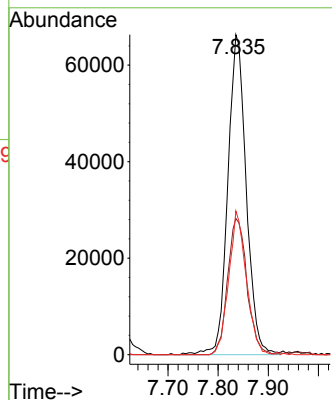
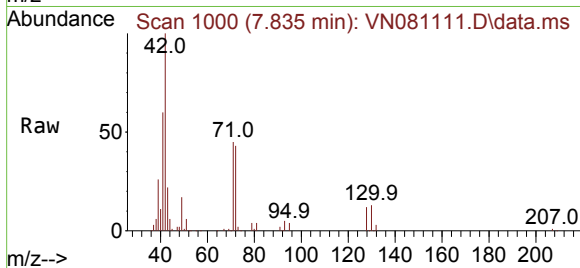
Tgt Ion: 42 Resp: 169287

Ion Ratio Lower Upper

42 100

72 44.6 31.1 46.7

71 42.9 28.3 42.5#



#30

Chloroform

Concen: 20.035 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081111.D

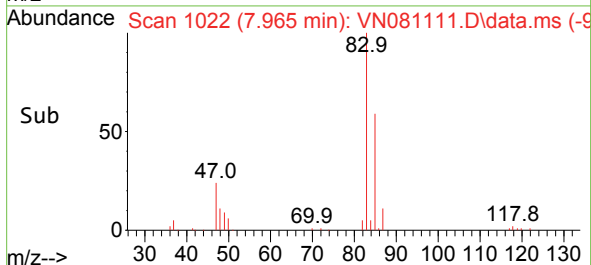
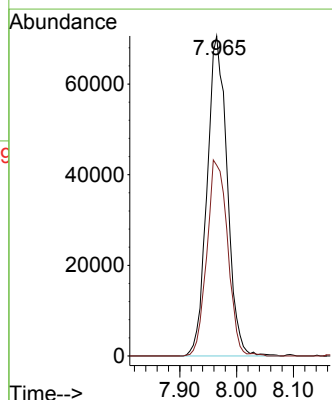
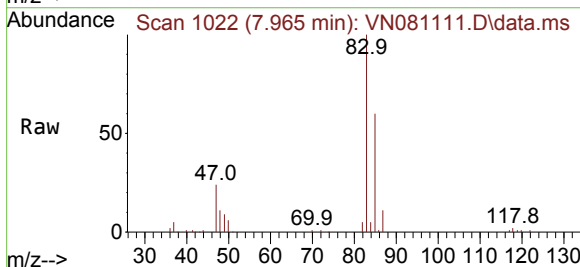
Acq: 21 Feb 2024 11:26

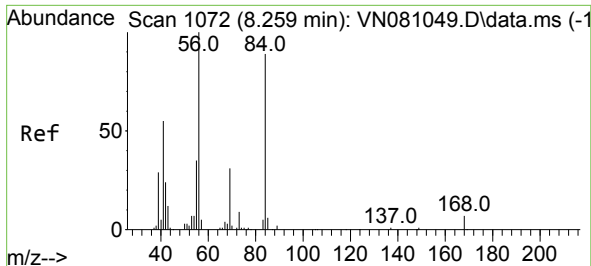
Tgt Ion: 83 Resp: 172787

Ion Ratio Lower Upper

83 100

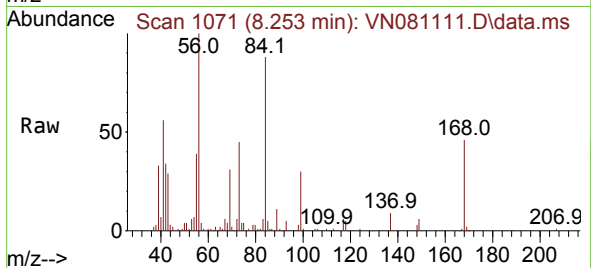
85 59.6 51.0 76.6



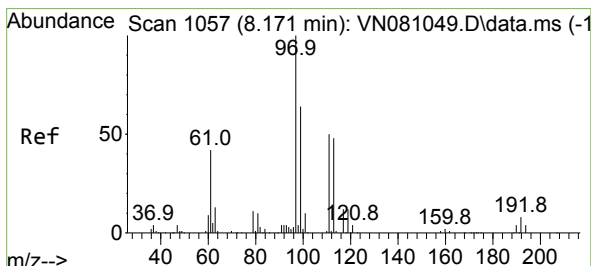
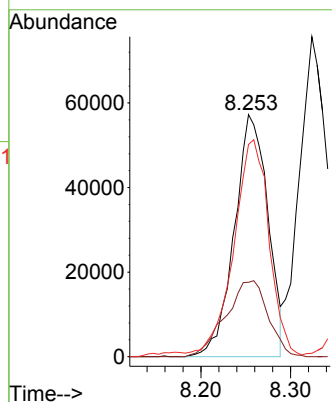
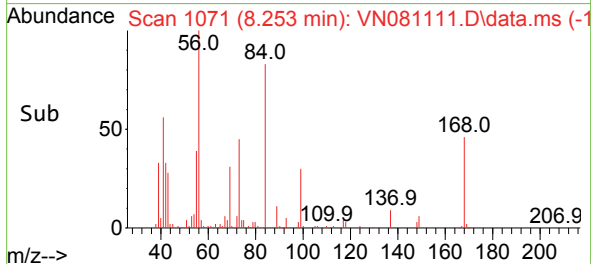


#31
Cyclohexane
Concen: 18.984 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

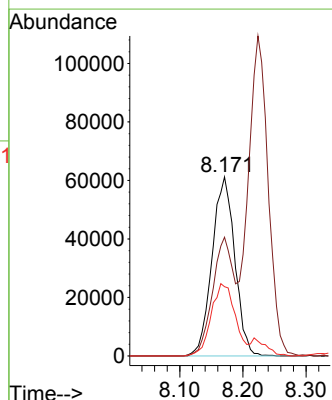
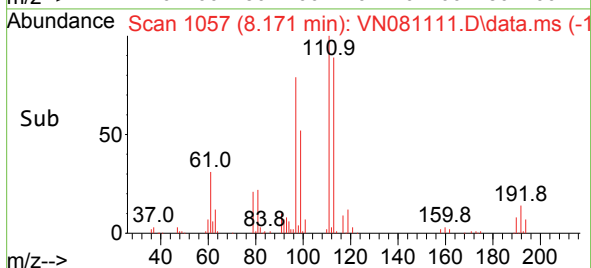
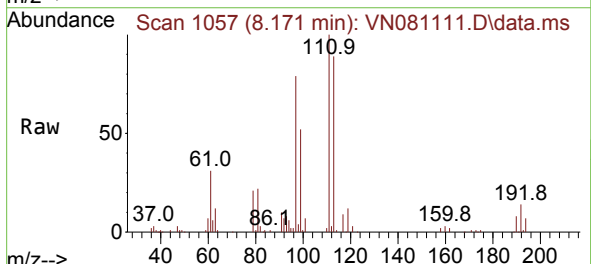


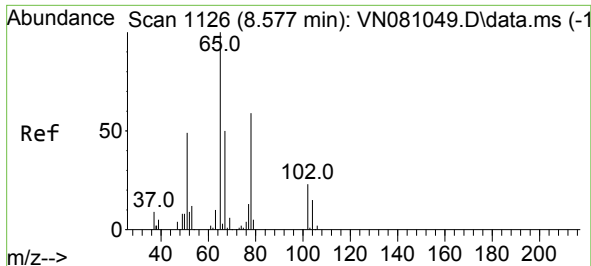
Tgt Ion: 56 Resp: 148099
Ion Ratio Lower Upper
56 100
69 30.7 20.1 30.1#
84 85.9 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 19.486 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion: 97 Resp: 153049
Ion Ratio Lower Upper
97 100
99 60.2 53.4 80.0
61 42.5 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 45.474 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :

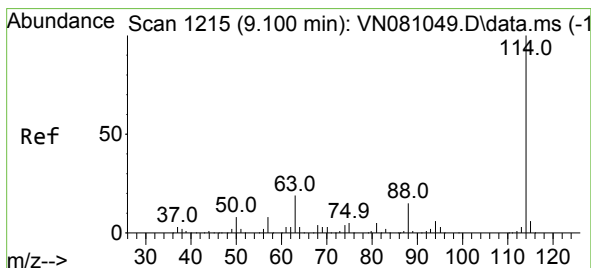
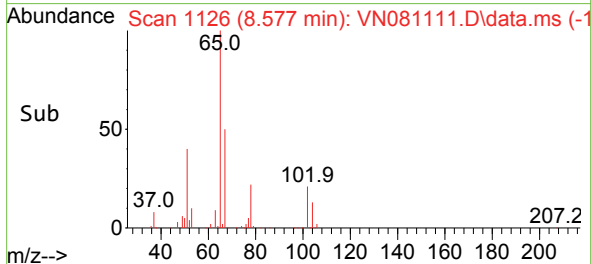
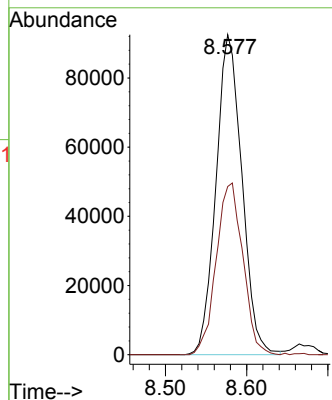
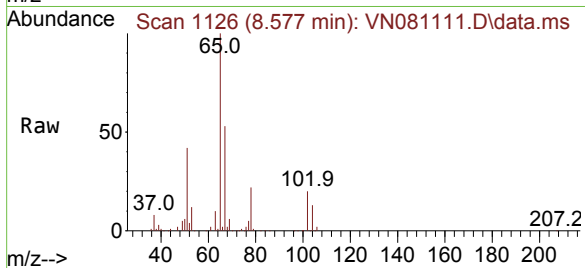
VN0221WBS01

Tgt Ion: 65 Resp: 205455

Ion Ratio Lower Upper

65 100

67 55.1 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: VN081111.D

Acq: 21 Feb 2024 11:26

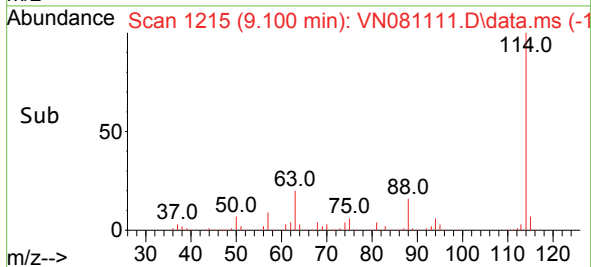
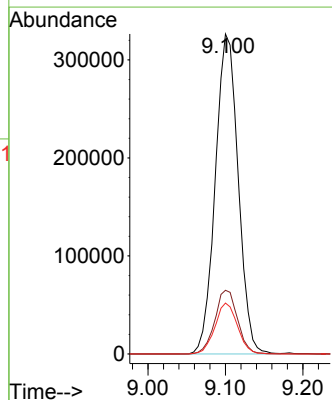
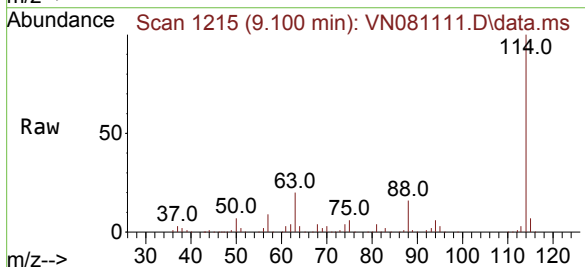
Tgt Ion: 114 Resp: 670120

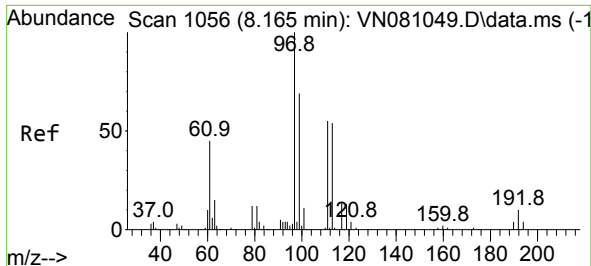
Ion Ratio Lower Upper

114 100

63 19.9 0.0 48.0

88 15.9 0.0 34.8

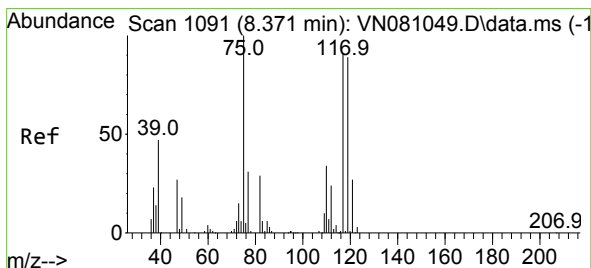
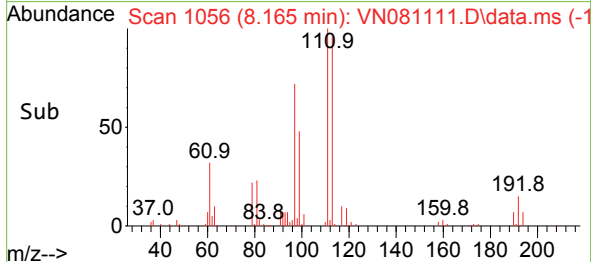
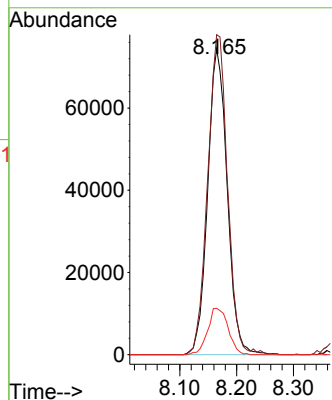
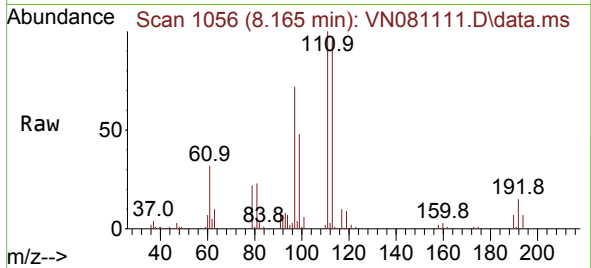




#35
Dibromofluoromethane
Concen: 46.697 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

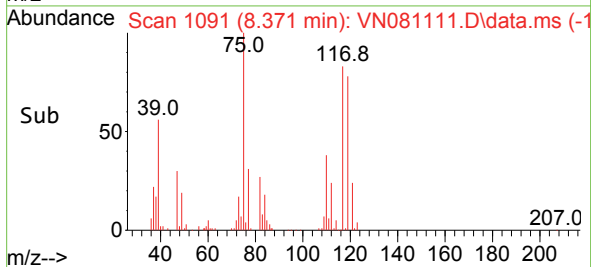
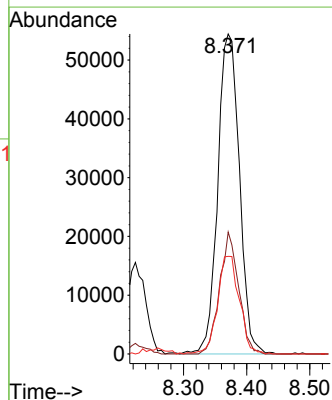
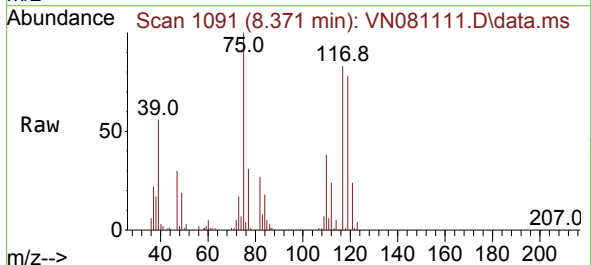
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

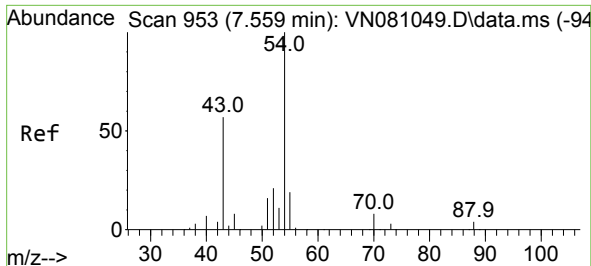
Tgt Ion:113 Resp: 176951
Ion Ratio Lower Upper
113 100
111 106.0 82.2 123.4
192 15.9 12.5 18.7



#36
1,1-Dichloropropene
Concen: 19.950 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion: 75 Resp: 129515
Ion Ratio Lower Upper
75 100
110 33.7 16.0 48.0
77 30.8 25.8 38.6





#37

Ethyl Acetate

Concen: 17.963 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

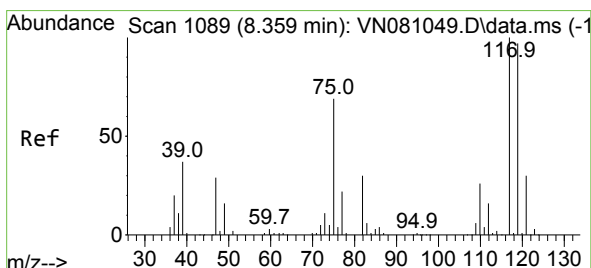
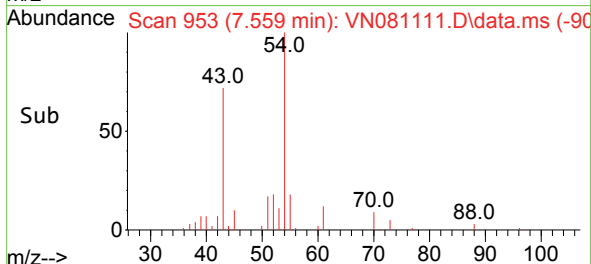
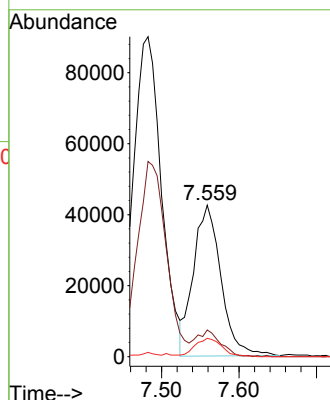
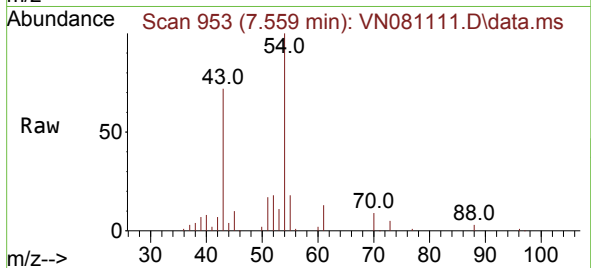
Tgt Ion: 43 Resp: 105244

Ion Ratio Lower Upper

43 100

61 15.4 10.6 15.8

70 11.9 8.0 12.0



#38

Carbon Tetrachloride

Concen: 20.108 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

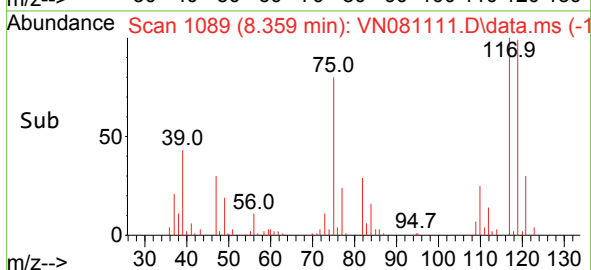
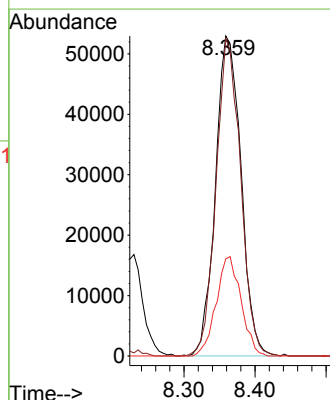
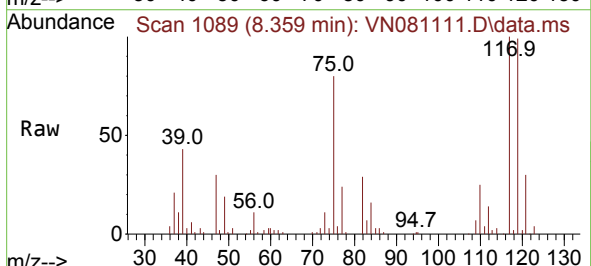
Tgt Ion: 117 Resp: 132073

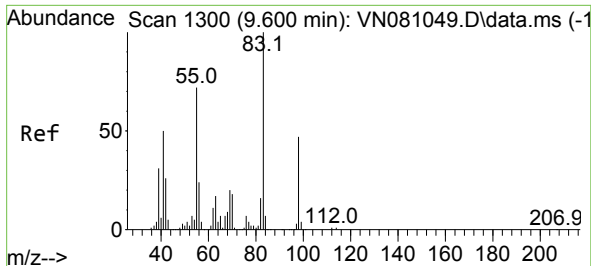
Ion Ratio Lower Upper

117 100

119 99.2 73.4 110.2

121 30.4 24.4 36.6





#39

Methylcyclohexane

Concen: 19.322 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

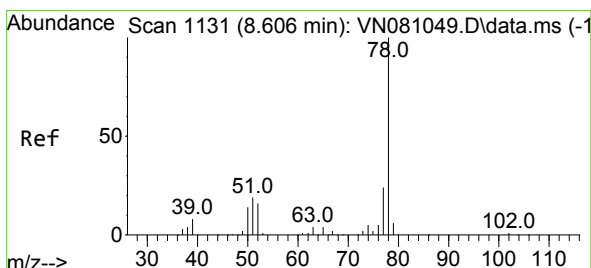
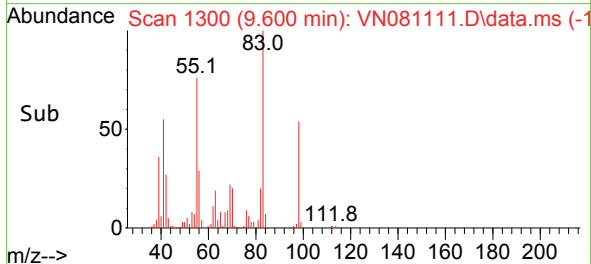
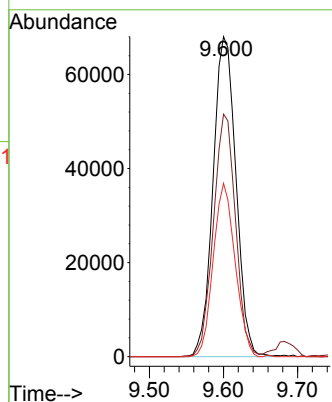
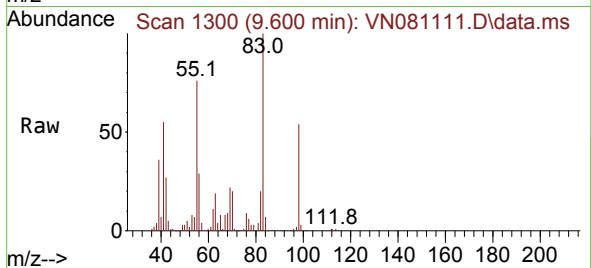
Tgt Ion: 83 Resp: 146225

Ion Ratio Lower Upper

83 100

55 75.8 65.7 98.5

98 54.1 33.8 50.6#



#40

Benzene

Concen: 19.724 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081111.D

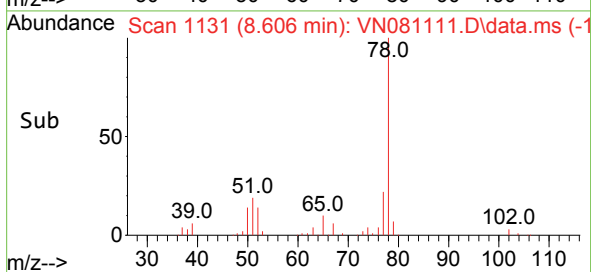
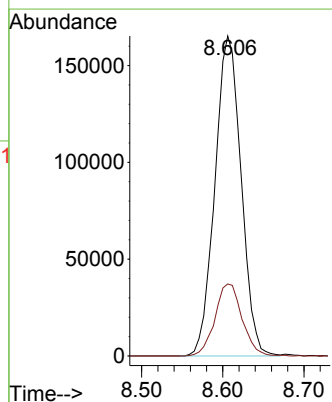
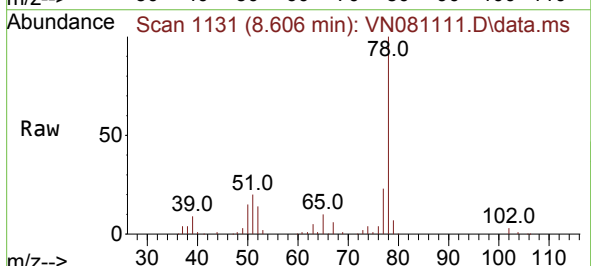
Acq: 21 Feb 2024 11:26

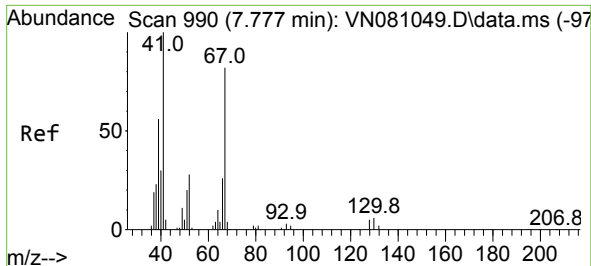
Tgt Ion: 78 Resp: 370626

Ion Ratio Lower Upper

78 100

77 22.5 20.4 30.6

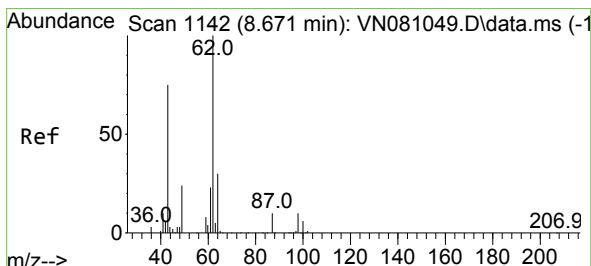
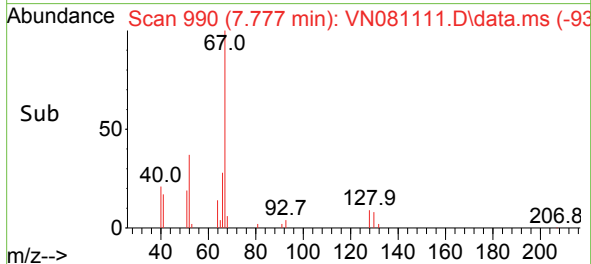
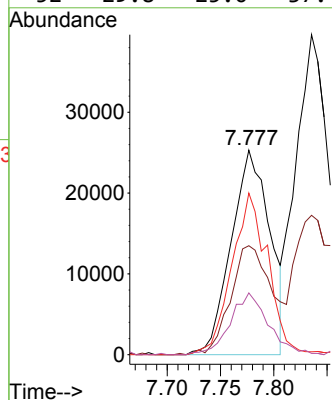
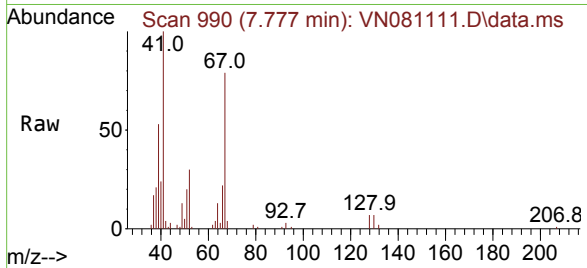




#41
Methacrylonitrile
Concen: 19.152 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

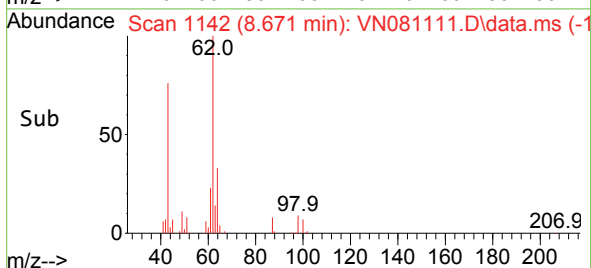
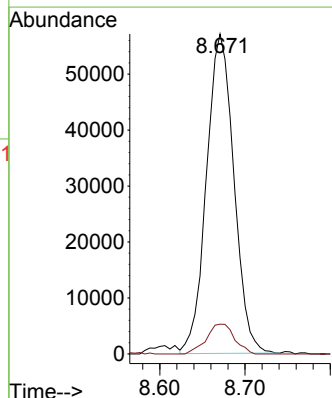
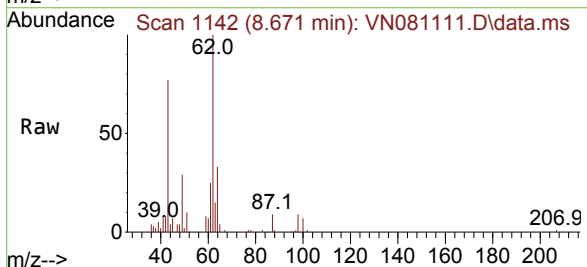
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

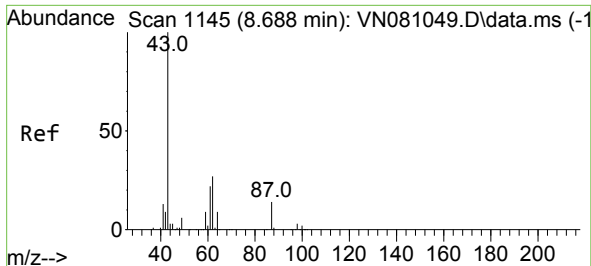
Tgt Ion:	41	Resp:	63863
Ion	Ratio	Lower	Upper
41	100		
39	58.4	48.4	72.6
67	73.9	56.8	85.2
52	29.8	25.0	37.4



#42
1,2-Dichloroethane
Concen: 19.455 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion:	62	Resp:	127544
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.0

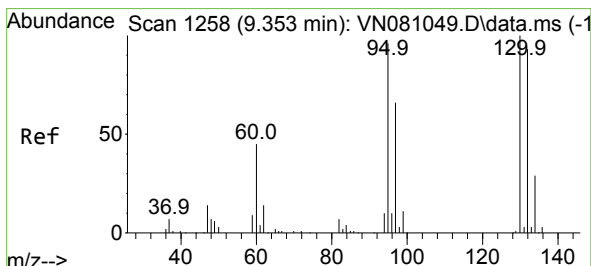
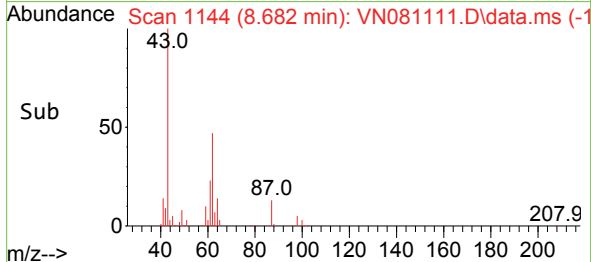
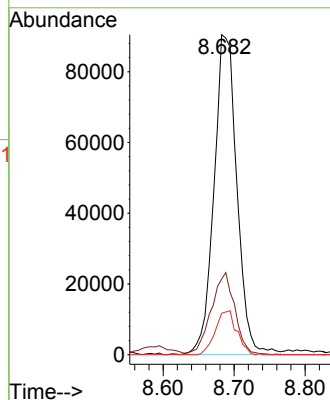
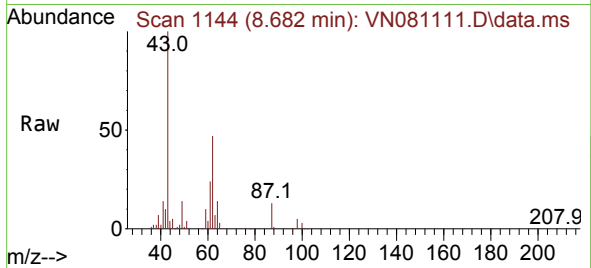




#43
Isopropyl Acetate
Concen: 19.791 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

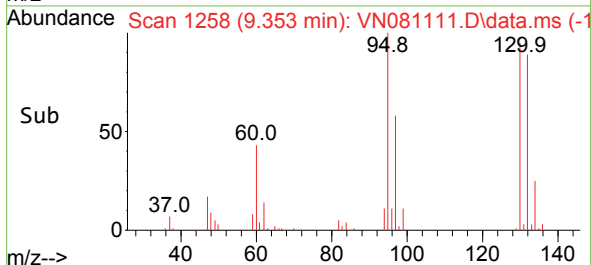
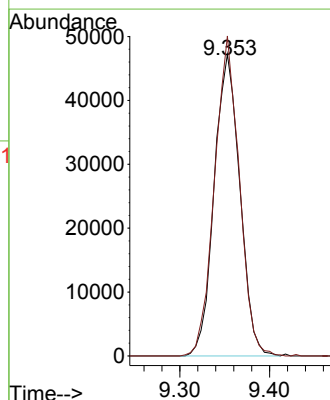
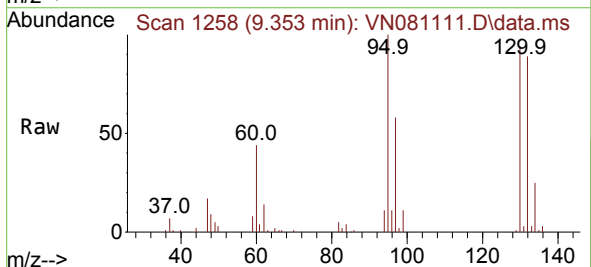
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

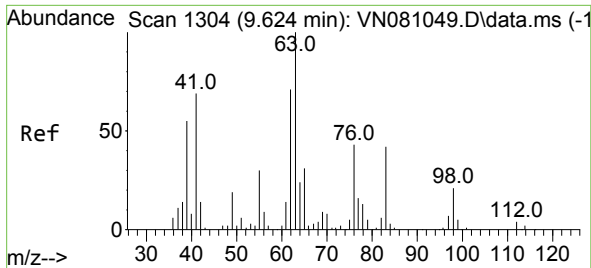
Tgt Ion: 43 Resp: 202800
Ion Ratio Lower Upper
43 100
61 26.5 19.9 29.9
87 12.8 9.0 13.6



#44
Trichloroethene
Concen: 18.711 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion:130 Resp: 93645
Ion Ratio Lower Upper
130 100
95 106.0 0.0 210.4

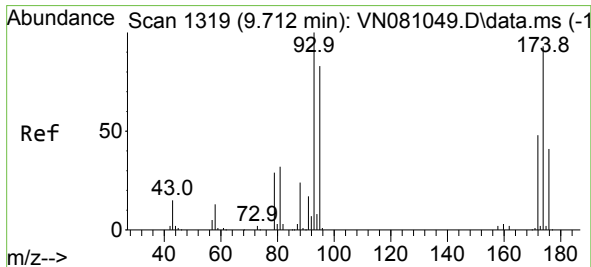
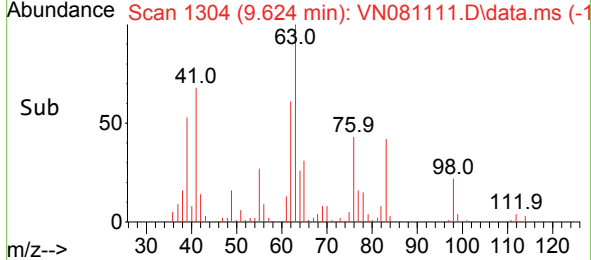
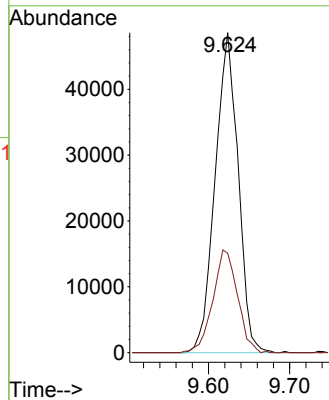
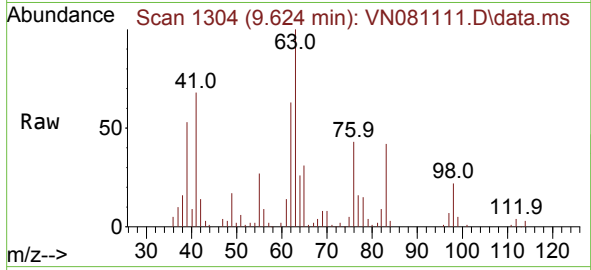




#45
1,2-Dichloropropane
Concen: 20.339 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

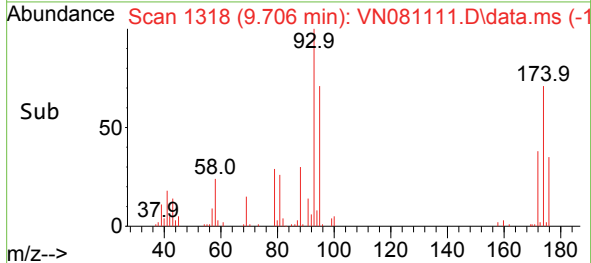
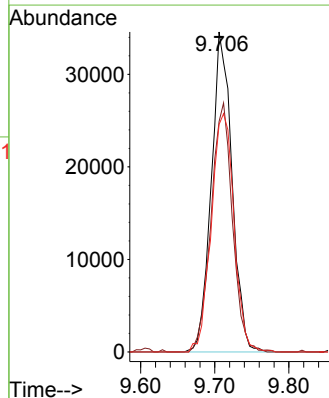
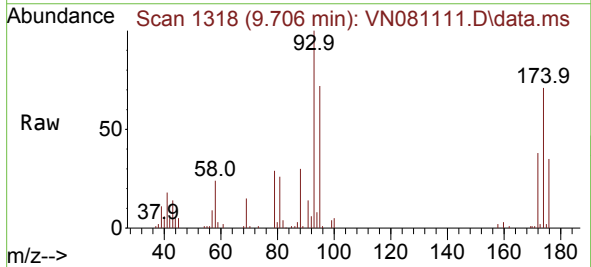
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

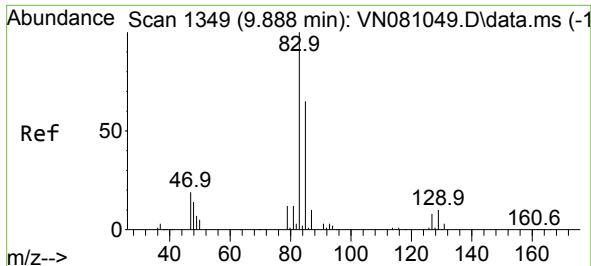
Tgt Ion: 63 Resp: 95600
Ion Ratio Lower Upper
63 100
65 31.0 26.1 39.1



#46
Dibromomethane
Concen: 19.545 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion: 93 Resp: 66938
Ion Ratio Lower Upper
93 100
95 80.6 68.1 102.1
174 82.1 57.2 85.8

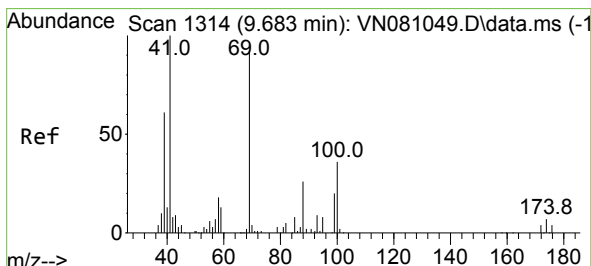
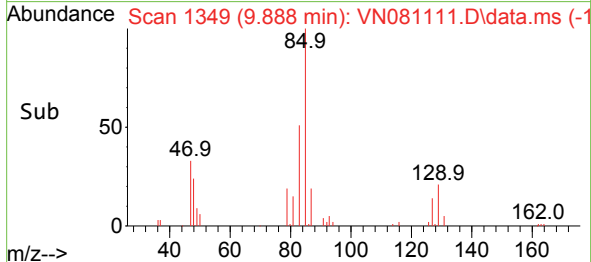
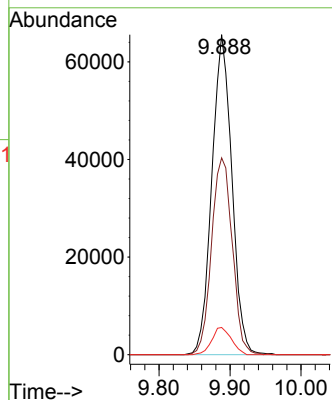
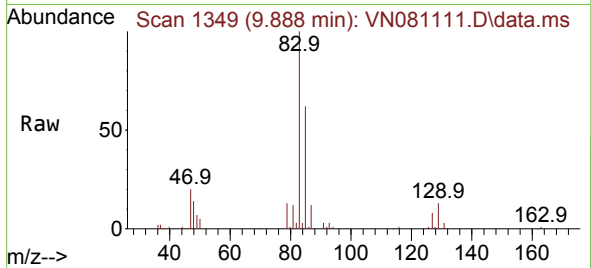




#47
Bromodichloromethane
Concen: 19.749 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

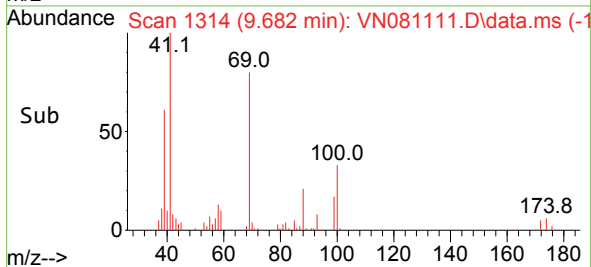
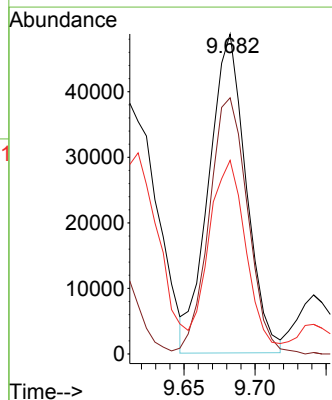
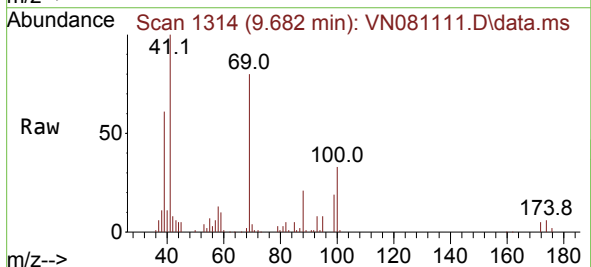
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

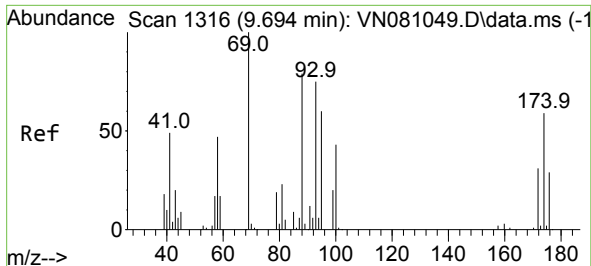
Tgt Ion: 83 Resp: 128099
Ion Ratio Lower Upper
83 100
85 61.5 52.3 78.5
127 8.5 4.6 7.0#



#48
Methyl methacrylate
Concen: 18.653 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion: 41 Resp: 88940
Ion Ratio Lower Upper
41 100
69 83.3 62.2 93.2
39 61.0 47.6 71.4





#49

1,4-Dioxane

Concen: 347.642 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

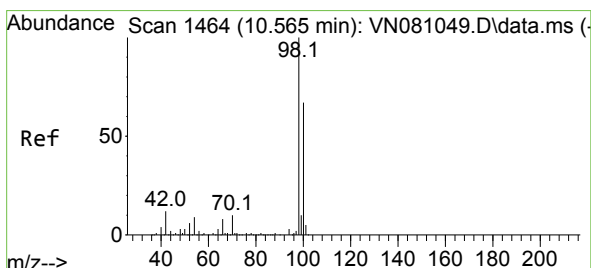
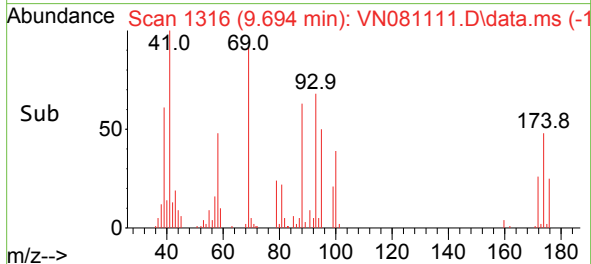
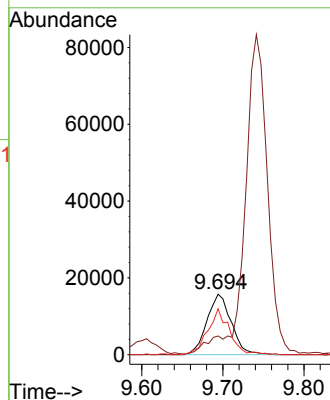
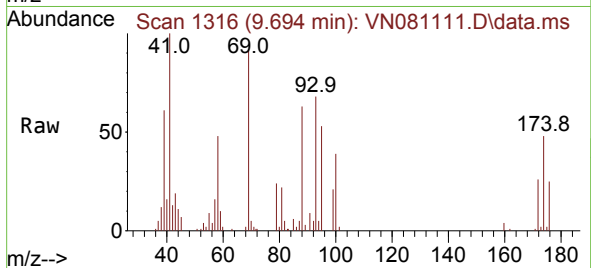
Tgt Ion: 88 Resp: 32788

Ion Ratio Lower Upper

88 100

43 22.8 30.1 45.1#

58 68.4 63.9 95.9



#50

Toluene-d8

Concen: 45.727 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081111.D

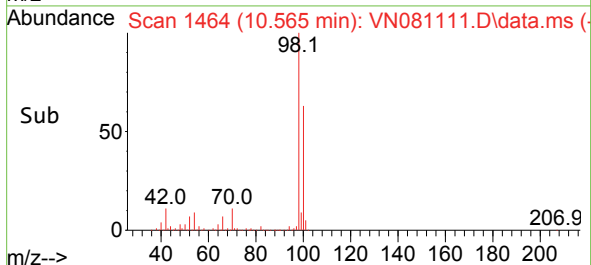
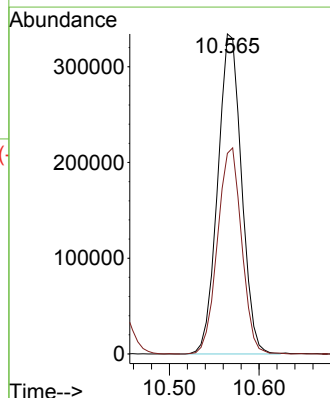
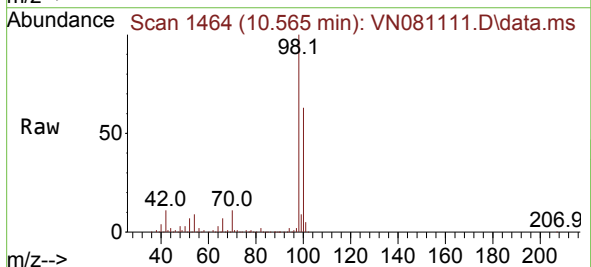
Acq: 21 Feb 2024 11:26

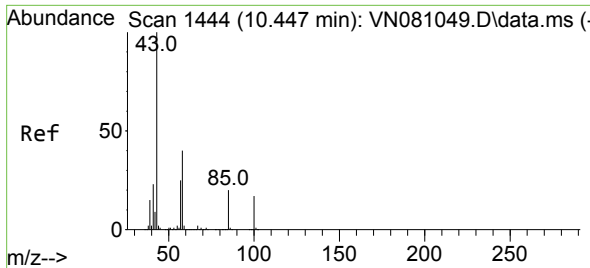
Tgt Ion: 98 Resp: 615418

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0

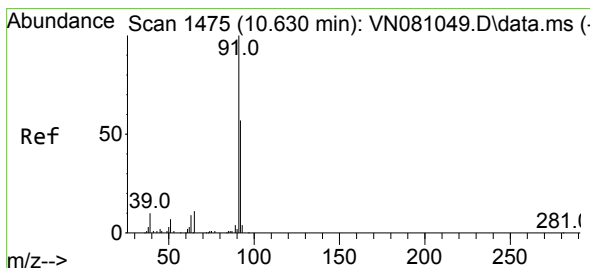
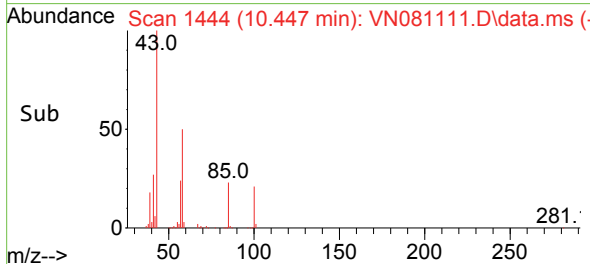
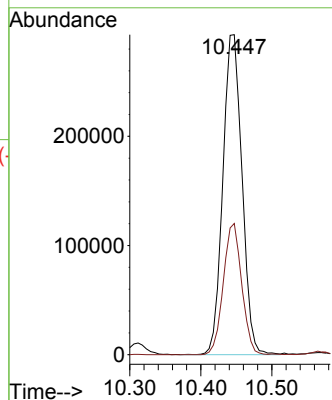
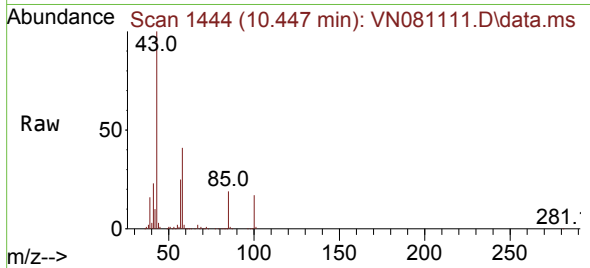




#51
4-Methyl-2-Pentanone
Concen: 93.064 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

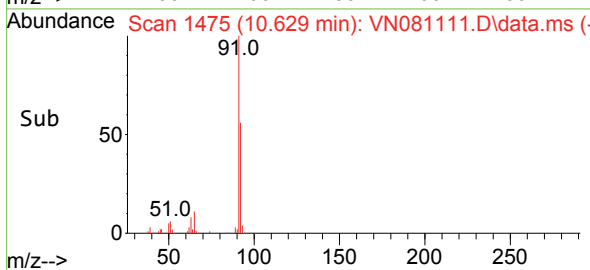
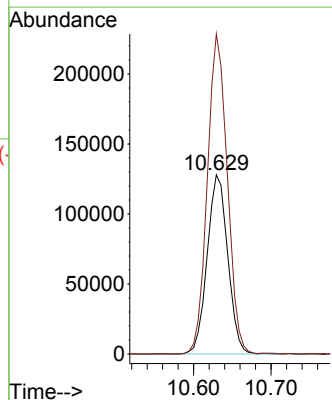
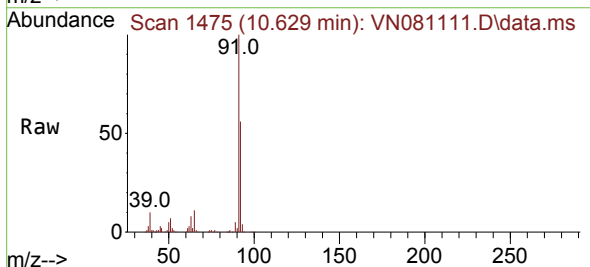
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

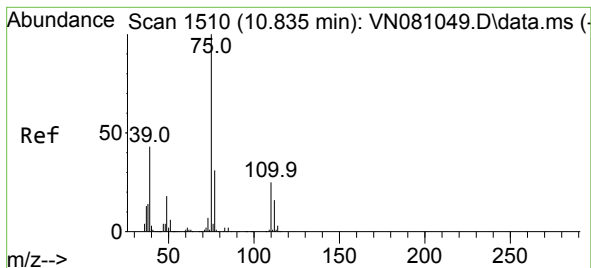
Tgt Ion: 43 Resp: 548577
Ion Ratio Lower Upper
43 100
58 39.4 29.4 44.0



#52
Toluene
Concen: 19.853 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion: 92 Resp: 236167
Ion Ratio Lower Upper
92 100
91 173.3 139.4 209.0

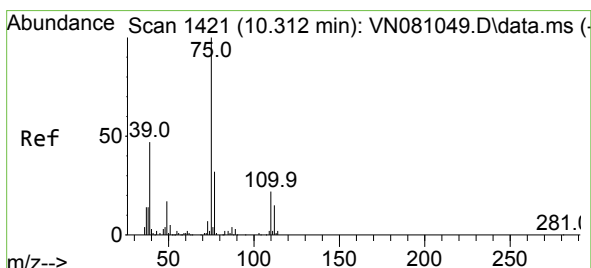
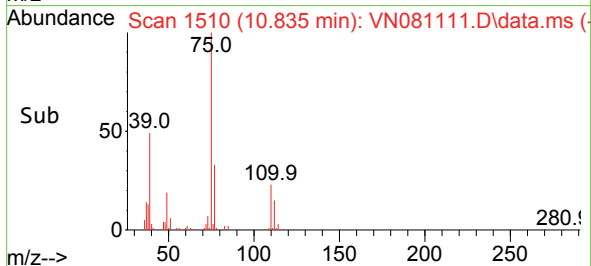
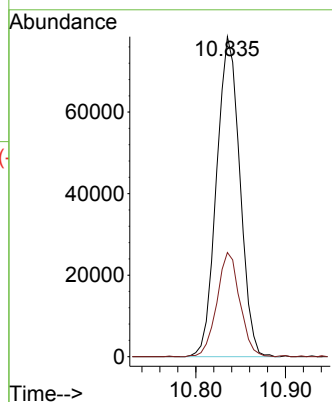
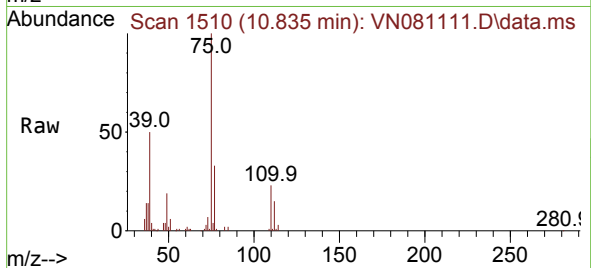




#53
 t-1,3-Dichloropropene
 Concen: 19.645 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081111.D
 Acq: 21 Feb 2024 11:26

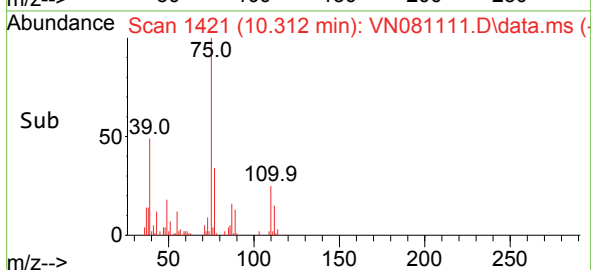
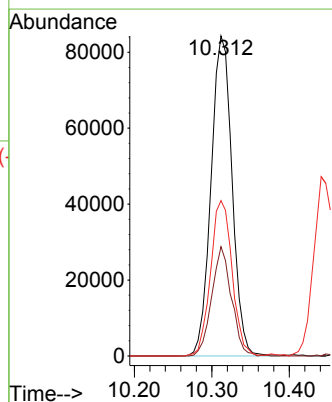
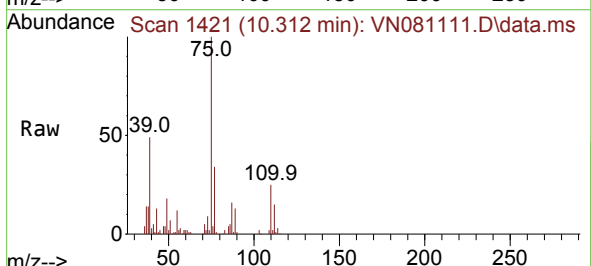
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBS01

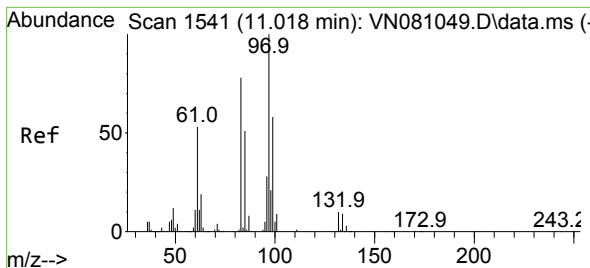
Tgt Ion: 75 Resp: 141601
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.406 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081111.D
 Acq: 21 Feb 2024 11:26

Tgt Ion: 75 Resp: 158917
 Ion Ratio Lower Upper
 75 100
 77 34.2 23.3 34.9
 39 48.6 44.6 66.8

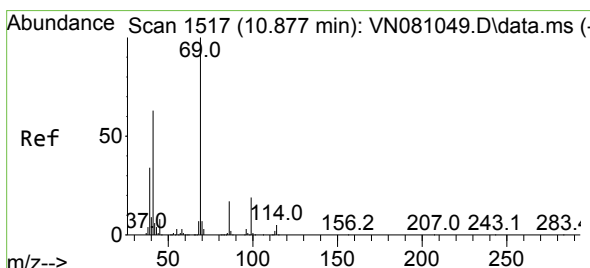
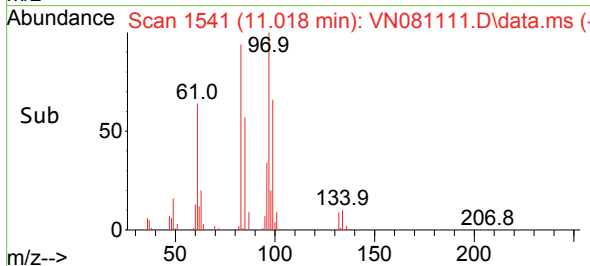
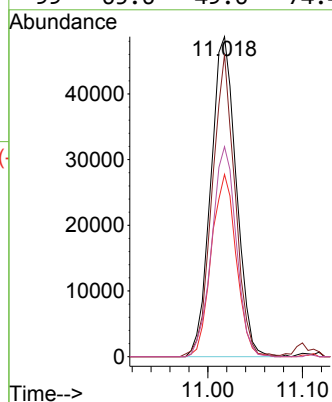
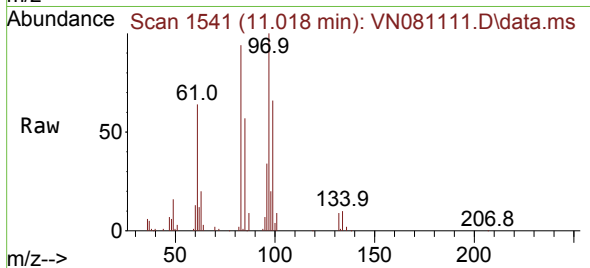




#55
1,1,2-Trichloroethane
Concen: 19.866 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

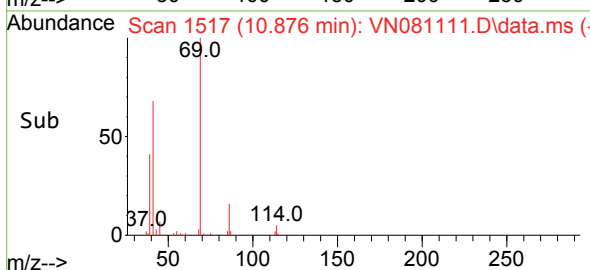
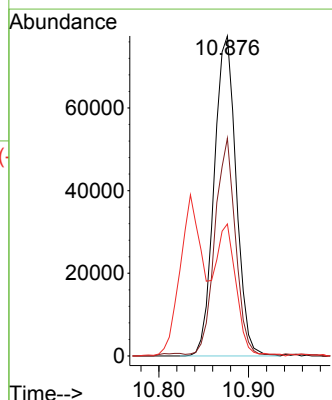
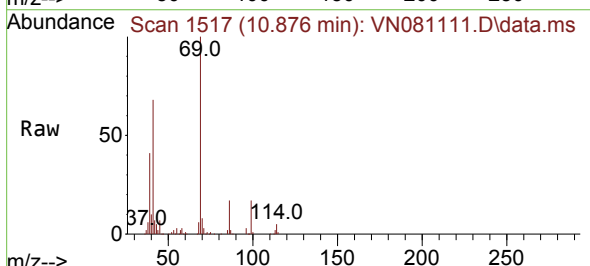
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

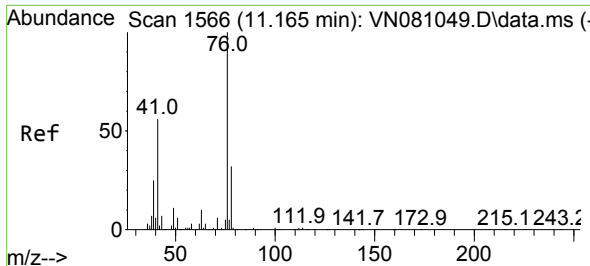
Tgt Ion:	97	Resp:	90897
Ion	Ratio	Lower	Upper
97	100		
83	94.4	72.9	109.3
85	57.0	50.2	75.2
99	65.6	49.6	74.4



#56
Ethyl methacrylate
Concen: 18.805 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion:	69	Resp:	131501
Ion	Ratio	Lower	Upper
69	100		
41	63.5	61.0	91.6
39	36.1	31.8	47.6





#57

1,3-Dichloropropane

Concen: 19.933 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :

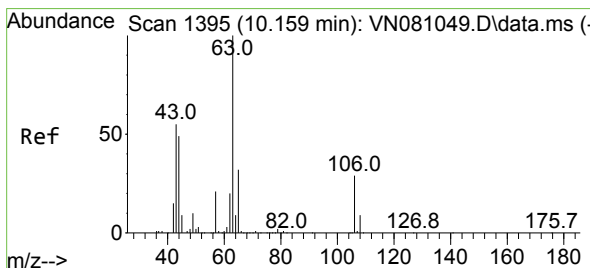
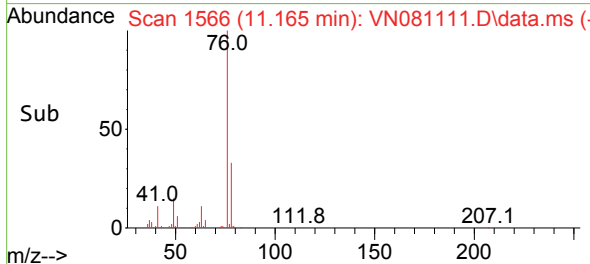
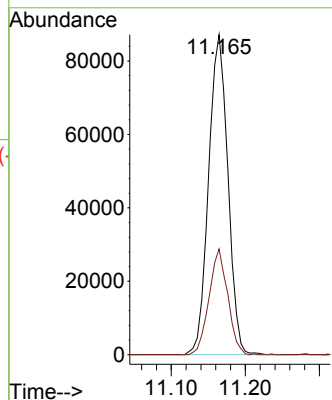
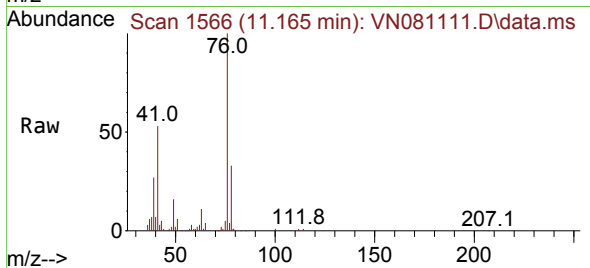
VN0221WBS01

Tgt Ion: 76 Resp: 157695

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 79.633 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081111.D

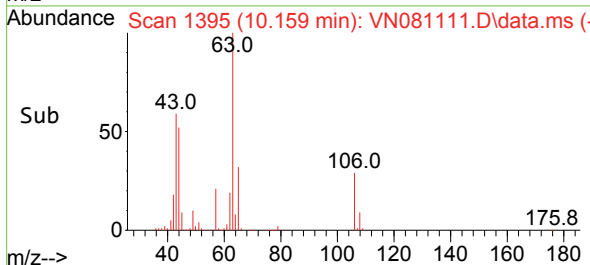
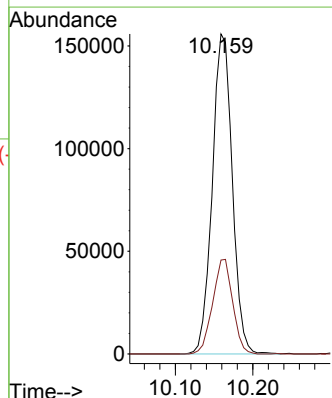
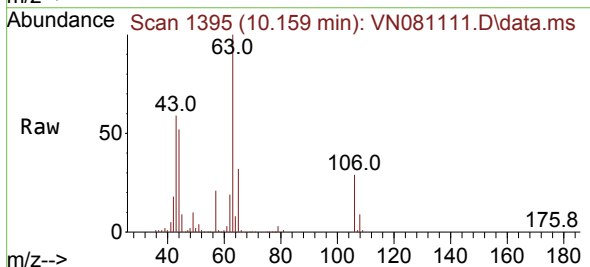
Acq: 21 Feb 2024 11:26

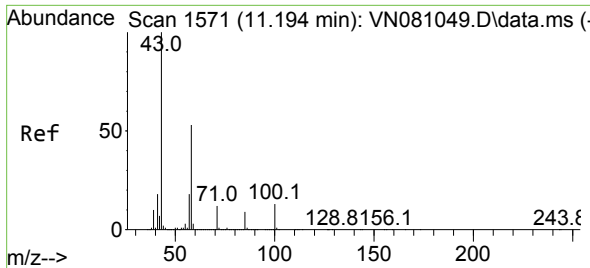
Tgt Ion: 63 Resp: 279396

Ion Ratio Lower Upper

63 100

106 29.6 18.6 28.0#

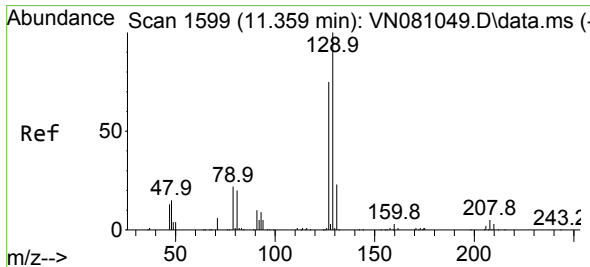
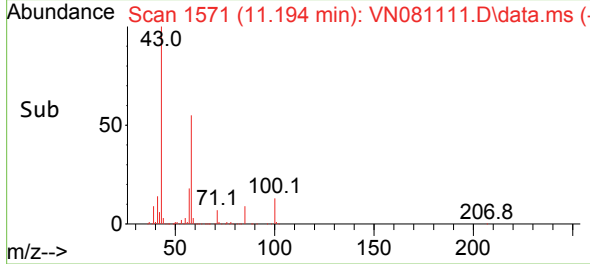
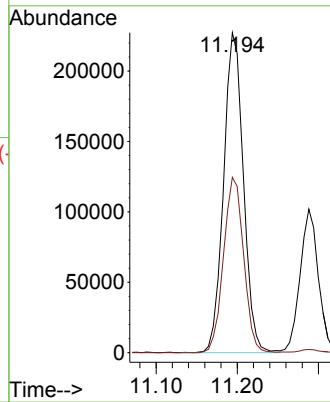
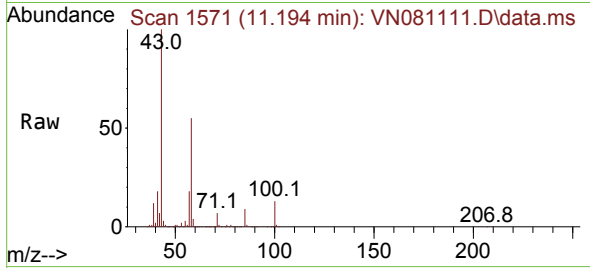




#59
2-Hexanone
Concen: 82.581 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

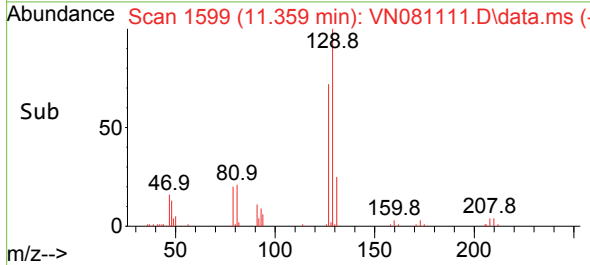
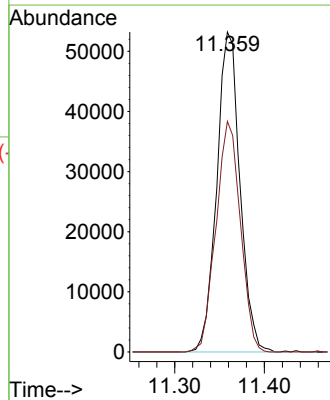
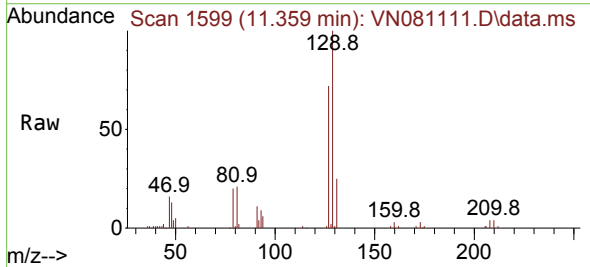
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

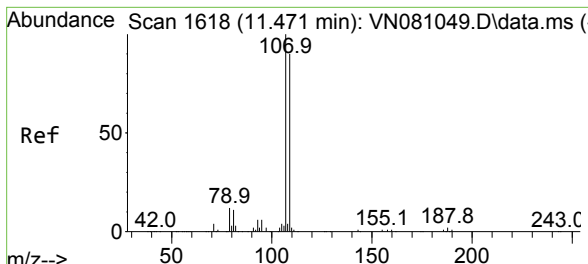
Tgt Ion: 43 Resp: 385922
Ion Ratio Lower Upper
43 100
58 55.6 25.9 77.8



#60
Dibromochloromethane
Concen: 19.670 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion: 129 Resp: 95611
Ion Ratio Lower Upper
129 100
127 75.8 39.4 118.2

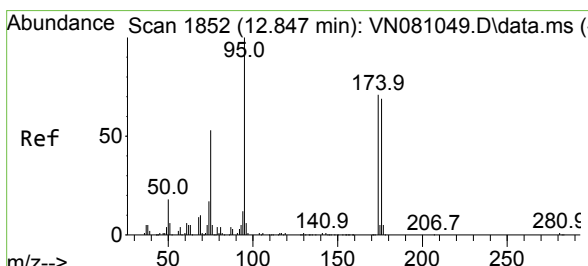
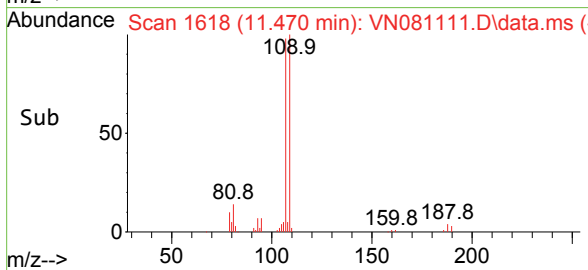
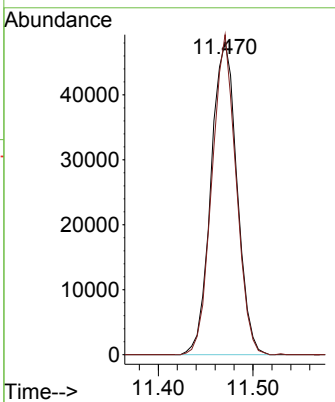
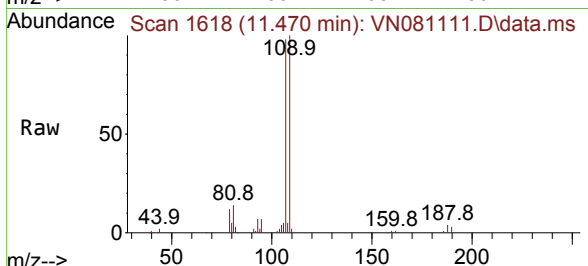




#61
 1,2-Dibromoethane
 Concen: 19.028 ug/l
 RT: 11.470 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: VN081111.D
 Acq: 21 Feb 2024 11:26

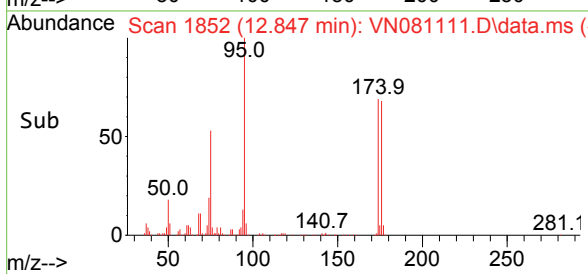
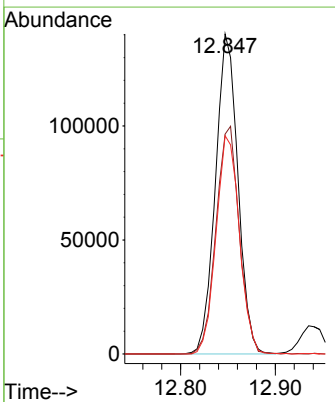
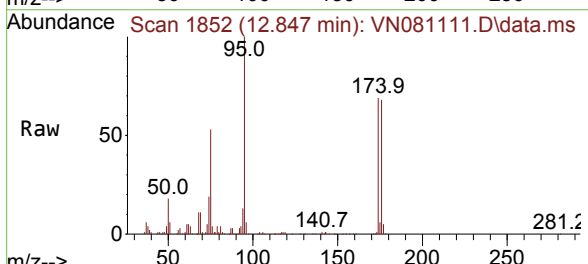
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBS01

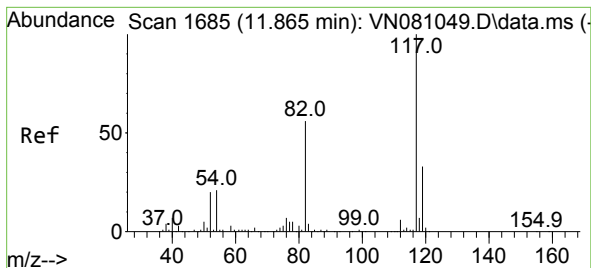
Tgt Ion:	107	Resp:	91551
Ion Ratio	Lower	Upper	
107	100		
109	95.0	73.4	110.2



#62
 4-Bromofluorobenzene
 Concen: 45.781 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN081111.D
 Acq: 21 Feb 2024 11:26

Tgt Ion:	95	Resp:	231522
Ion Ratio	Lower	Upper	
95	100		
174	73.8	0.0	120.4
176	70.8	0.0	121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

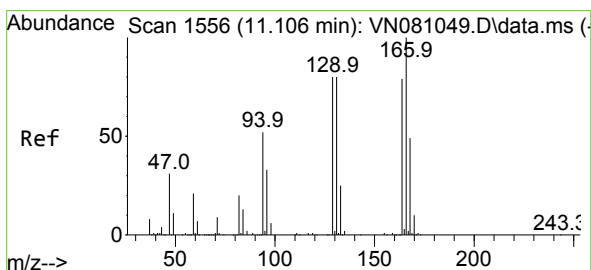
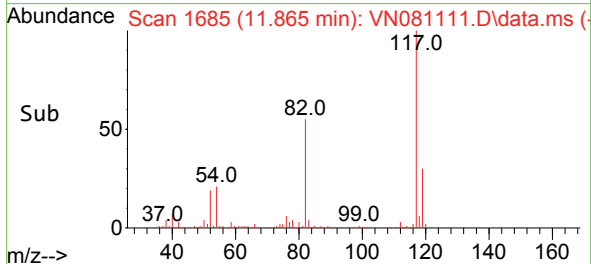
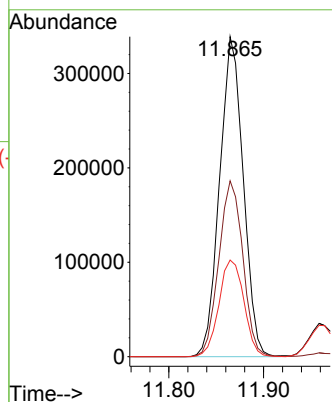
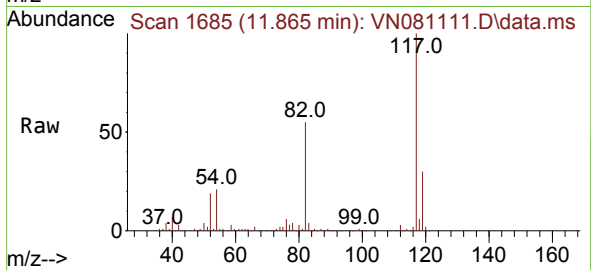
Tgt Ion:117 Resp: 587855

Ion Ratio Lower Upper

117 100

82 55.0 52.7 79.1

119 30.2 25.3 37.9



#64

Tetrachloroethene

Concen: 20.534 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Tgt Ion:164 Resp: 82384

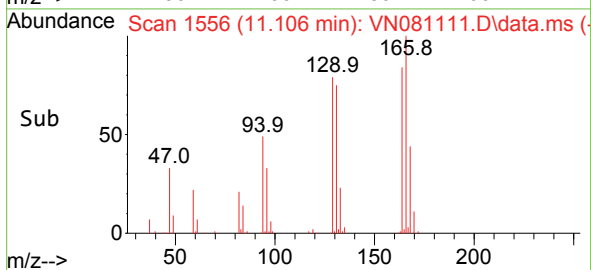
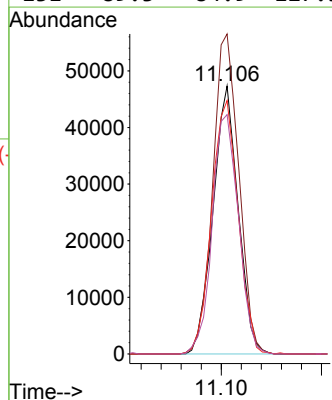
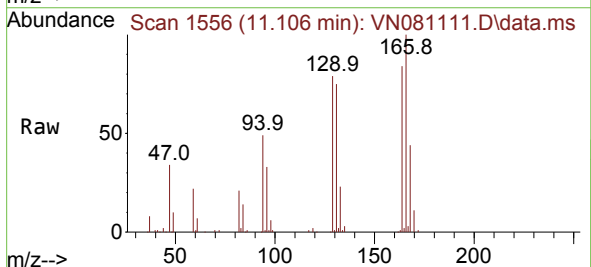
Ion Ratio Lower Upper

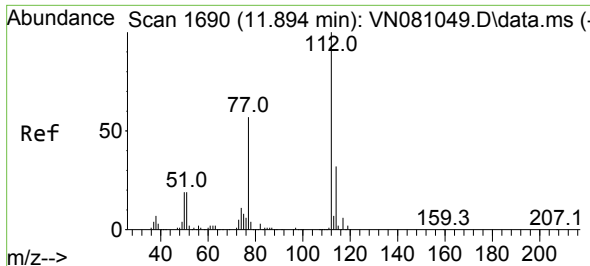
164 100

166 119.4 105.8 158.6

129 94.6 89.6 134.4

131 89.3 84.9 127.3

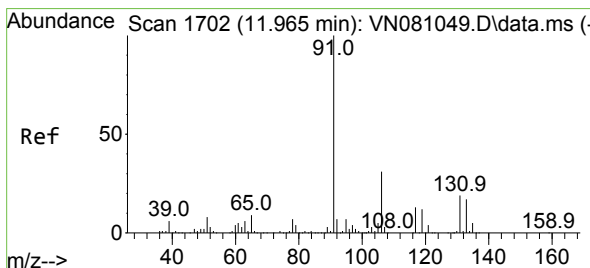
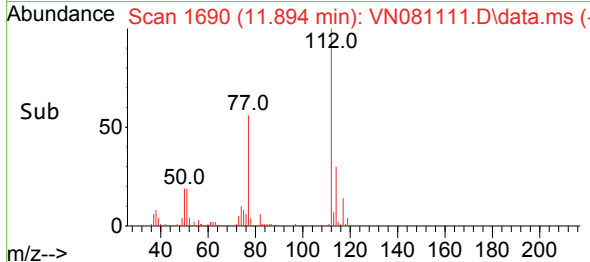
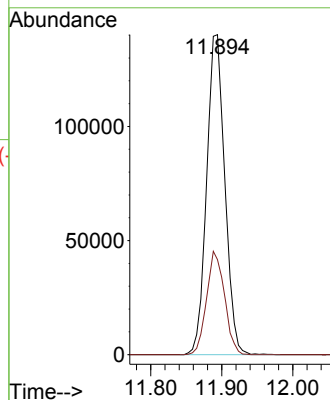
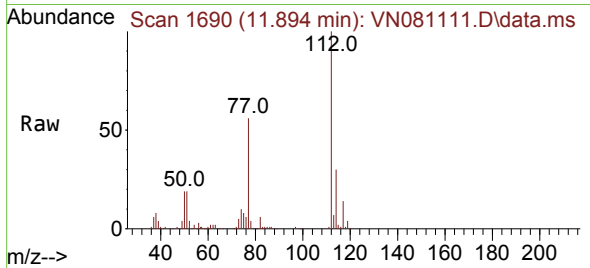




#65
Chlorobenzene
Concen: 19.633 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

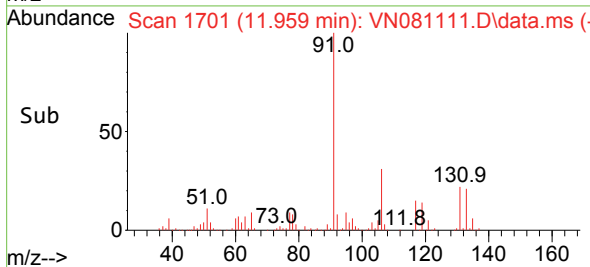
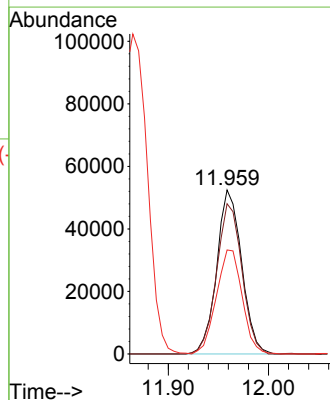
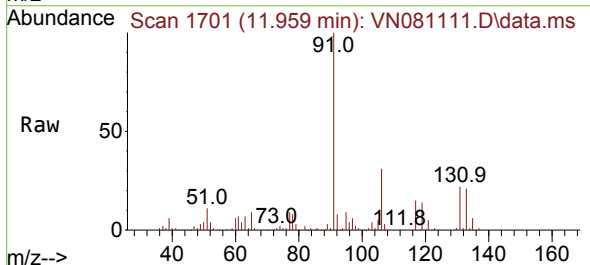
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

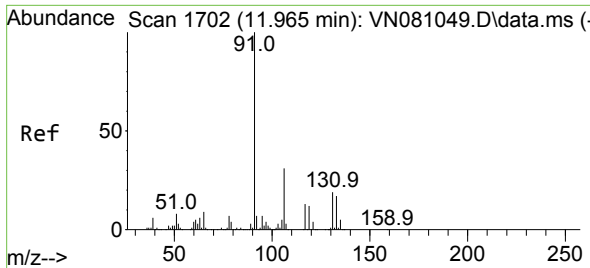
Tgt Ion:112 Resp: 249794
Ion Ratio Lower Upper
112 100
114 29.7 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.830 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion:131 Resp: 90621
Ion Ratio Lower Upper
131 100
133 93.1 46.8 140.3
119 65.7 34.6 103.9

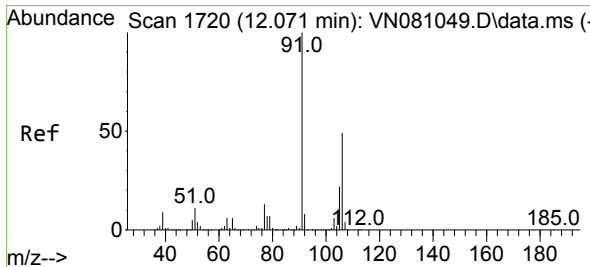
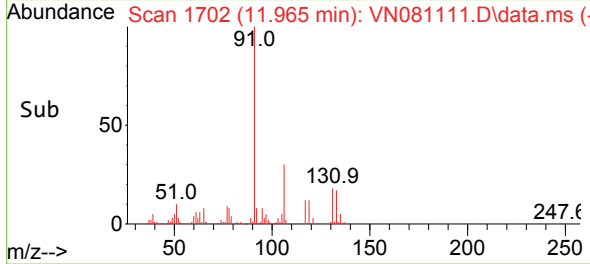
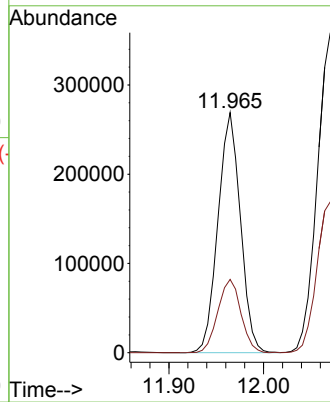
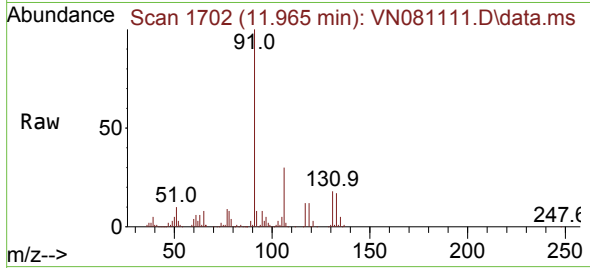




#67
Ethyl Benzene
Concen: 19.451 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

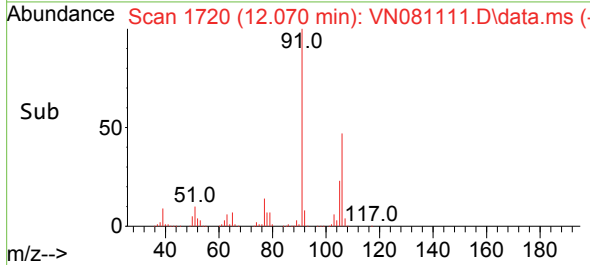
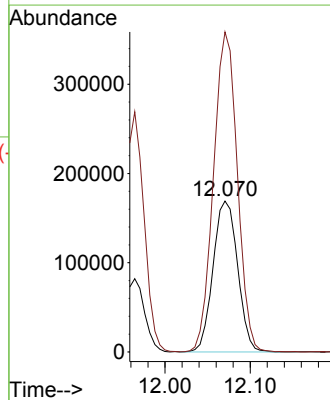
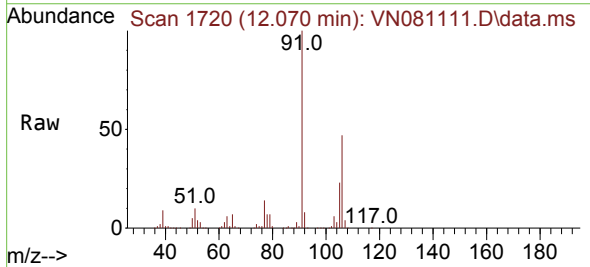
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

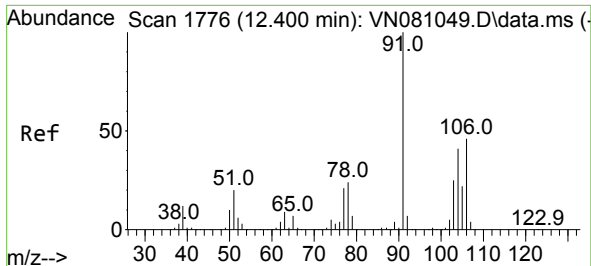
Tgt Ion: 91 Resp: 442833
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6



#68
m/p-Xylenes
Concen: 38.842 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion:106 Resp: 338951
Ion Ratio Lower Upper
106 100
91 206.4 169.0 253.6

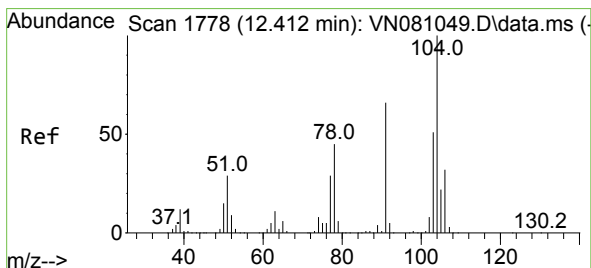
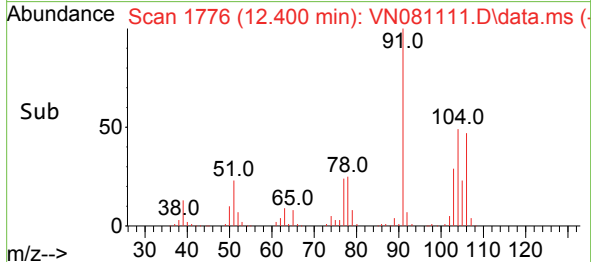
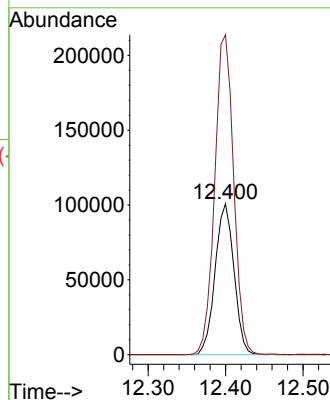
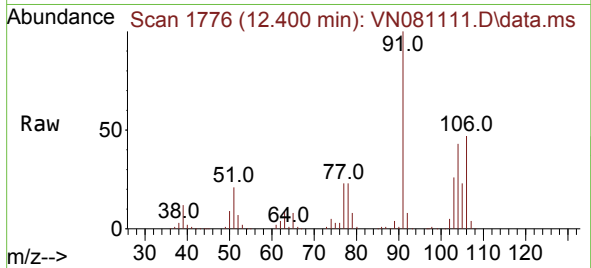




#69
o-Xylene
Concen: 19.693 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

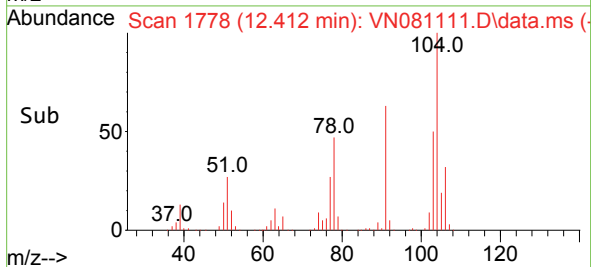
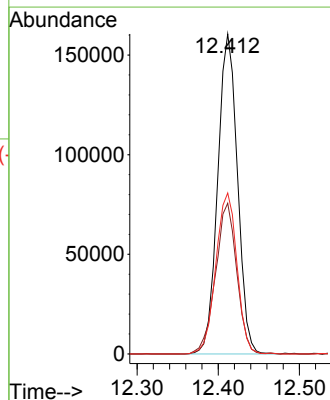
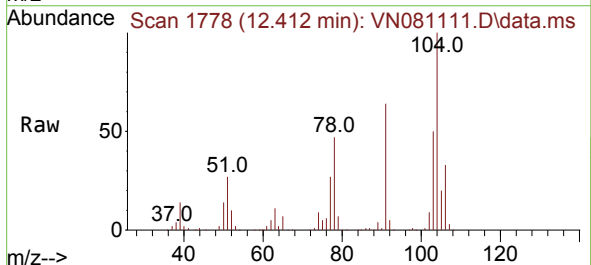
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

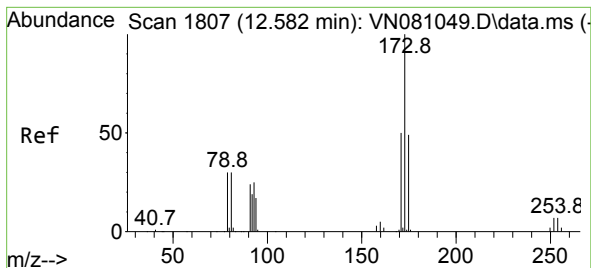
Tgt Ion:106 Resp: 170345
Ion Ratio Lower Upper
106 100
91 213.4 112.1 336.3



#70
Styrene
Concen: 19.809 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion:104 Resp: 271528
Ion Ratio Lower Upper
104 100
78 50.6 43.8 65.8
103 53.9 44.2 66.2





#71

Bromoform

Concen: 19.974 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

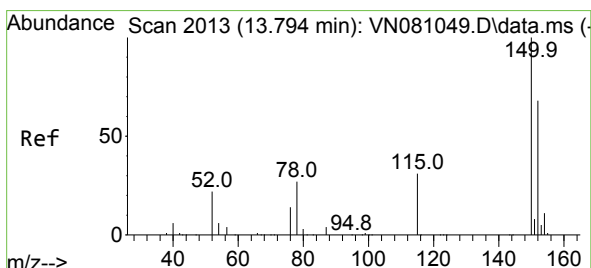
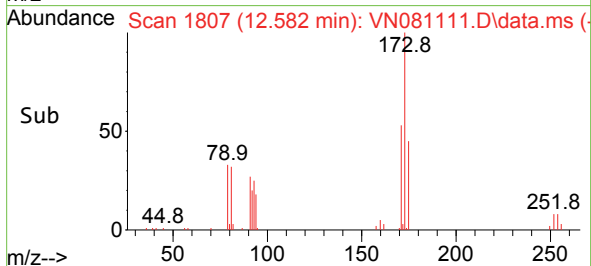
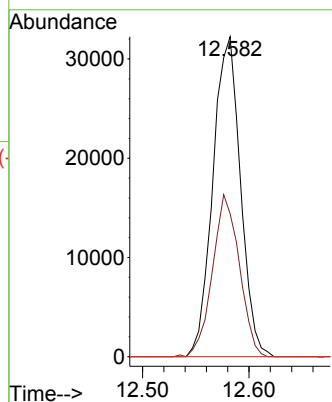
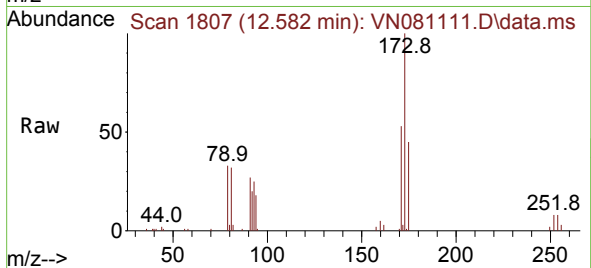
Tgt Ion:173 Resp: 57910

Ion Ratio Lower Upper

173 100

175 49.3 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: VN081111.D

Acq: 21 Feb 2024 11:26

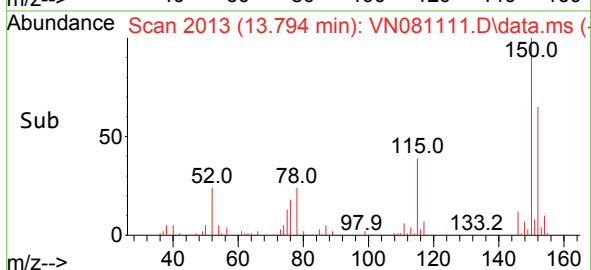
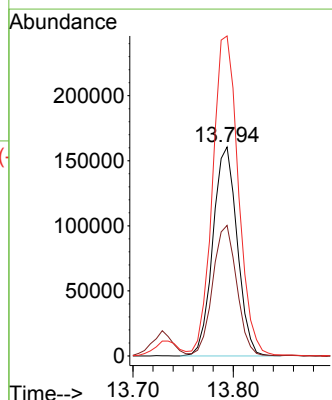
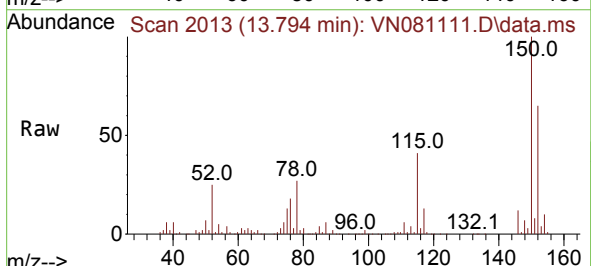
Tgt Ion:152 Resp: 270210

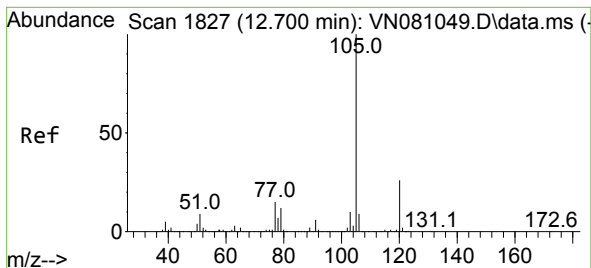
Ion Ratio Lower Upper

152 100

115 61.5 32.3 96.8

150 163.0 0.0 339.8





#73

Isopropylbenzene

Concen: 18.583 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :

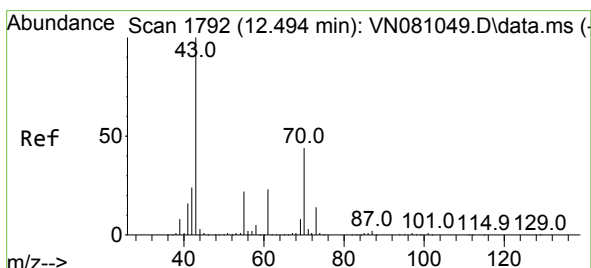
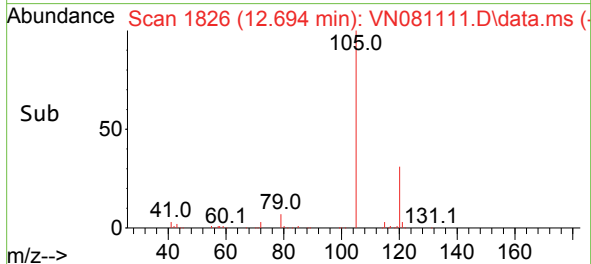
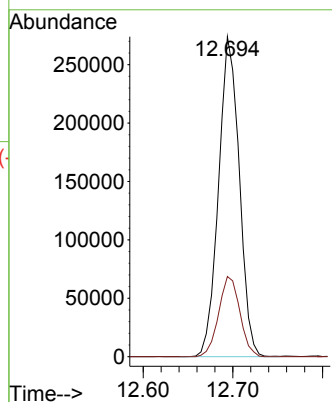
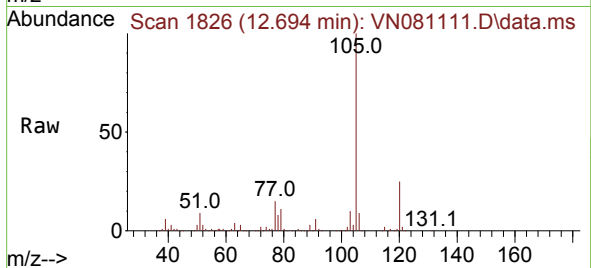
VN0221WBS01

Tgt Ion:105 Resp: 439330

Ion Ratio Lower Upper

105 100

120 25.6 12.6 37.6



#74

N-ethyl acetate

Concen: 16.851 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Tgt Ion: 43 Resp: 168374

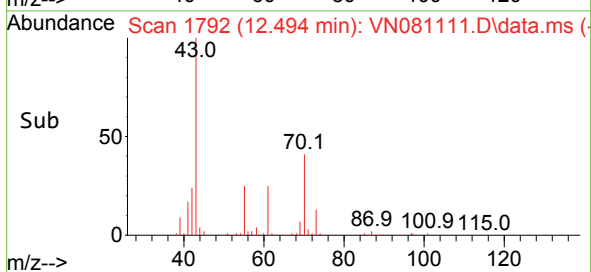
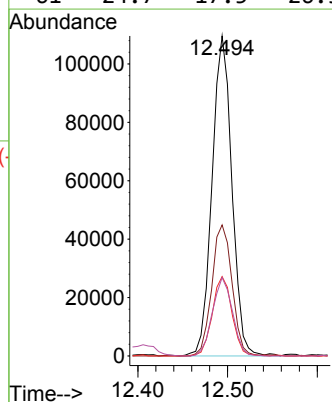
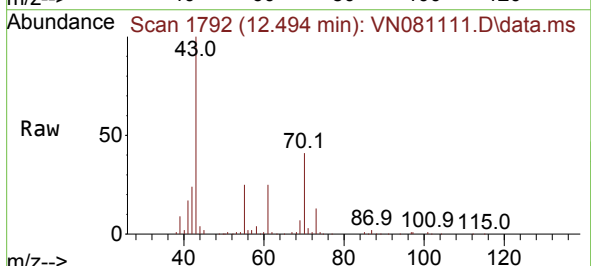
Ion Ratio Lower Upper

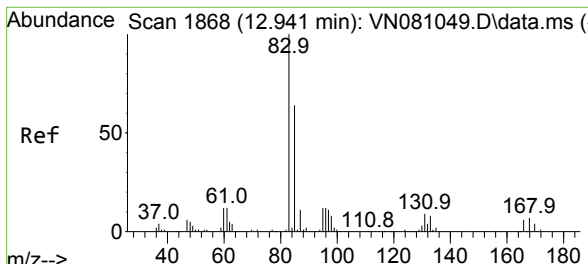
43 100

70 41.9 30.1 45.1

55 24.6 17.0 25.4

61 24.7 17.5 26.3

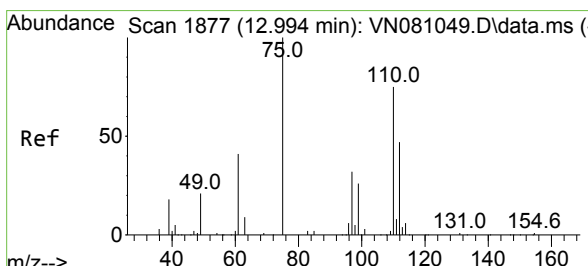
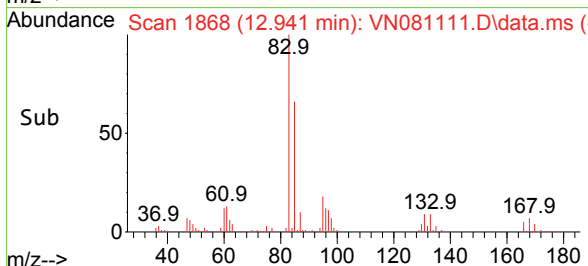
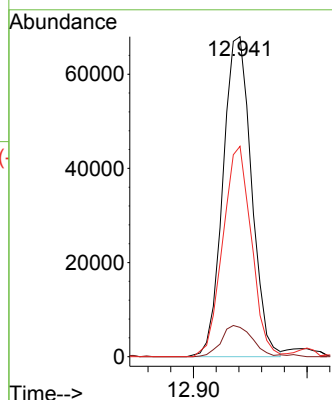
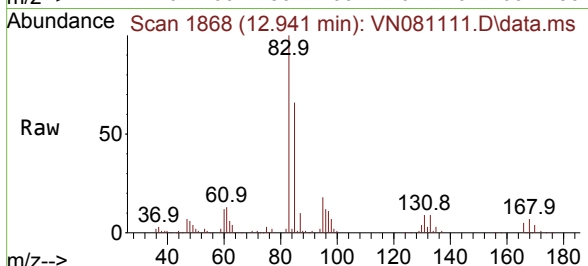




#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.843 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN081111.D
 Acq: 21 Feb 2024 11:26

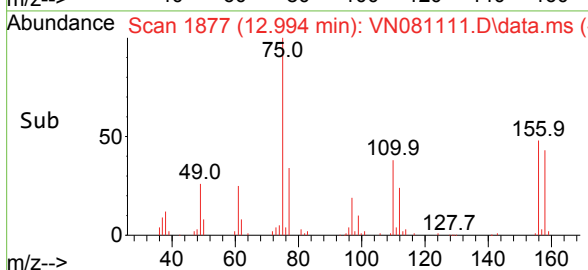
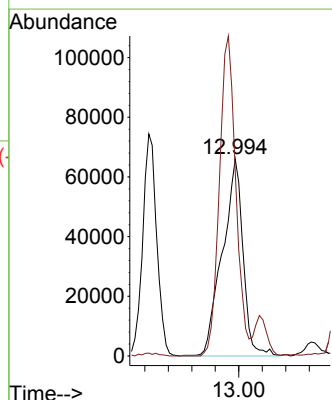
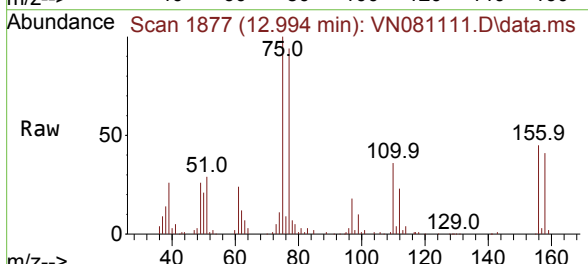
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBS01

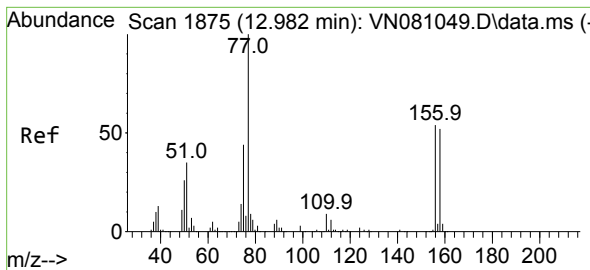
Tgt Ion: 83 Resp: 118615
 Ion Ratio Lower Upper
 83 100
 131 10.9 4.1 12.3
 85 66.0 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 26.206 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN081111.D
 Acq: 21 Feb 2024 11:26

Tgt Ion: 75 Resp: 160885
 Ion Ratio Lower Upper
 75 100
 77 129.3 91.0 272.8





#77

Bromobenzene

Concen: 18.461 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

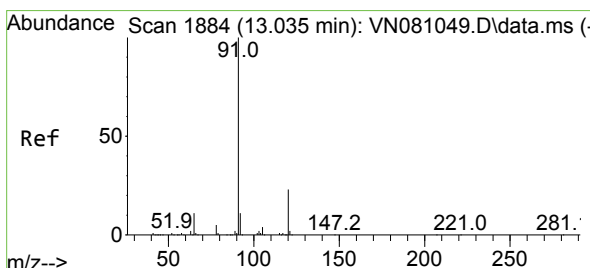
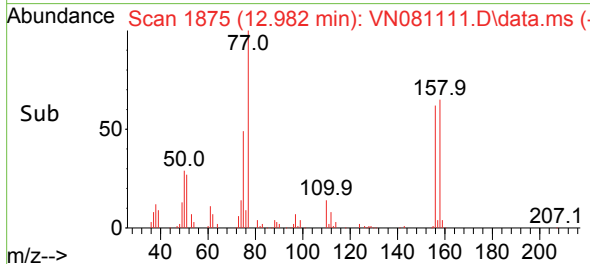
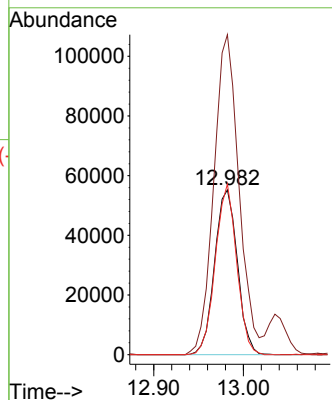
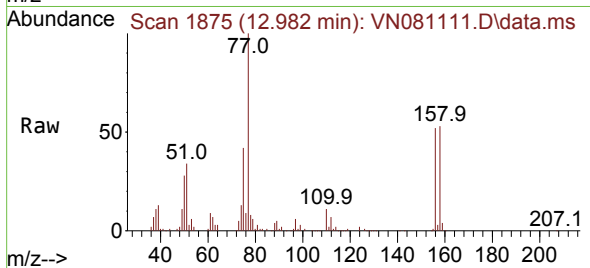
Tgt Ion:156 Resp: 97315

Ion Ratio Lower Upper

156 100

77 213.7 138.1 414.3

158 97.0 46.5 139.5



#78

n-propylbenzene

Concen: 18.945 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081111.D

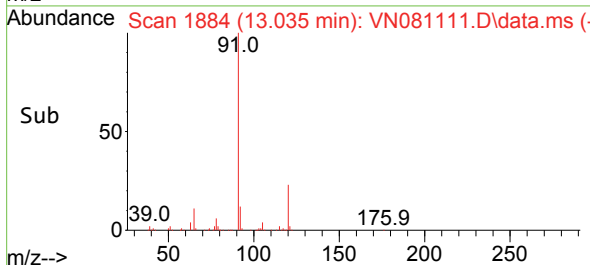
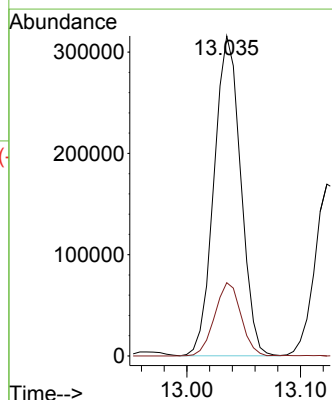
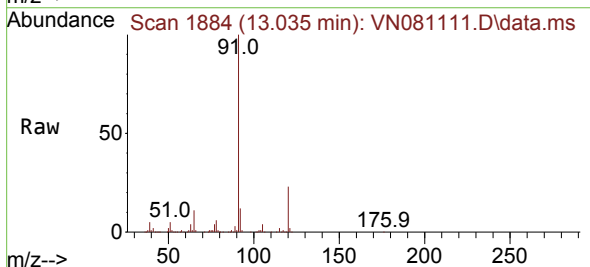
Acq: 21 Feb 2024 11:26

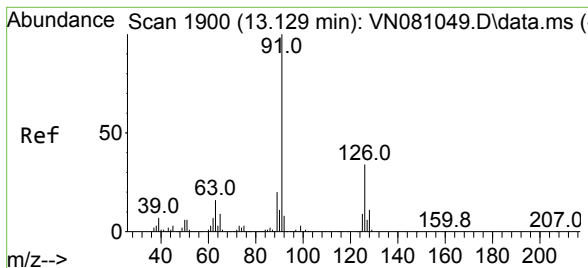
Tgt Ion: 91 Resp: 515611

Ion Ratio Lower Upper

91 100

120 22.7 10.3 30.9





#79

2-Chlorotoluene

Concen: 18.126 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :

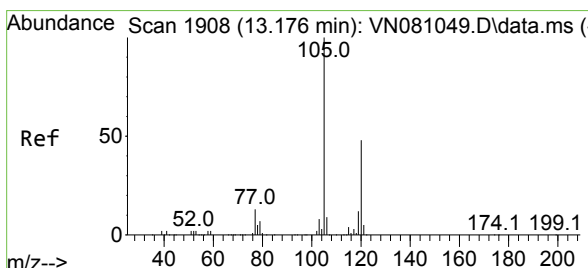
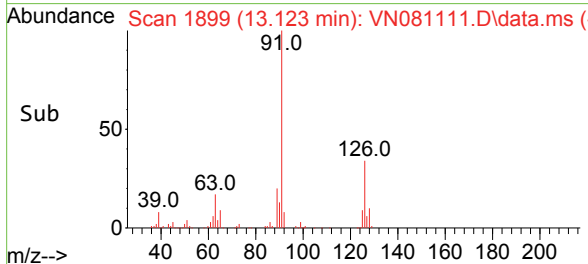
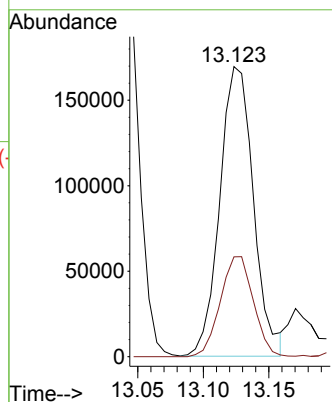
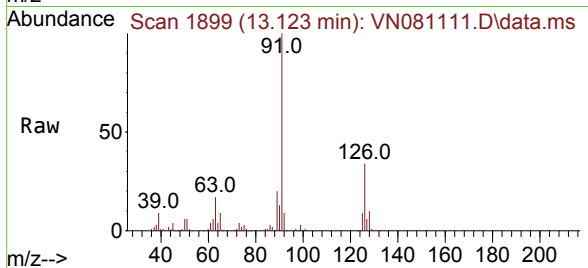
VN0221WBS01

Tgt Ion: 91 Resp: 302589

Ion Ratio Lower Upper

91 100

126 33.9 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 19.338 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN081111.D

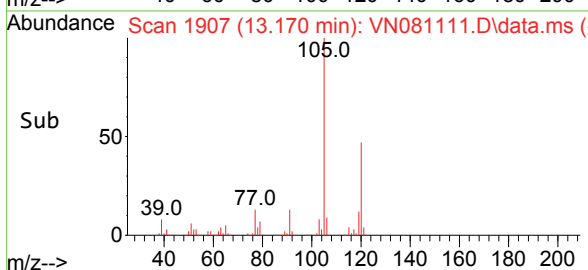
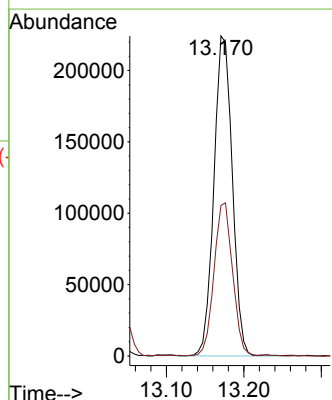
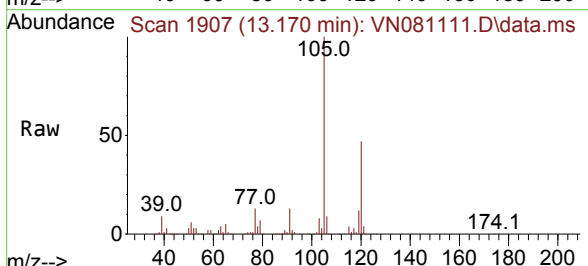
Acq: 21 Feb 2024 11:26

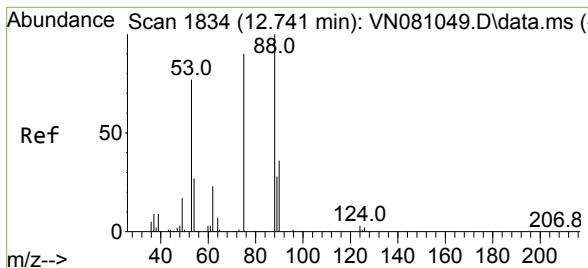
Tgt Ion: 105 Resp: 370678

Ion Ratio Lower Upper

105 100

120 48.1 23.0 69.0

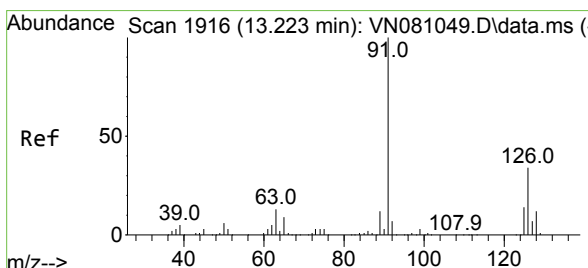
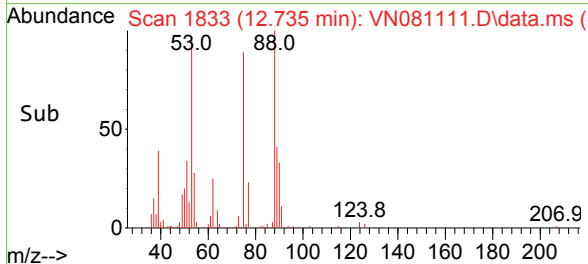
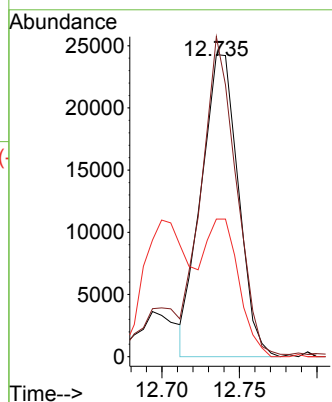
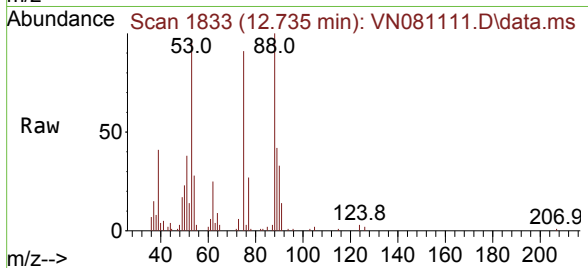




#81
trans-1,4-Dichloro-2-butene
Concen: 16.926 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

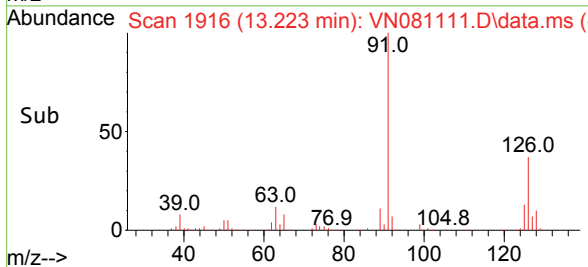
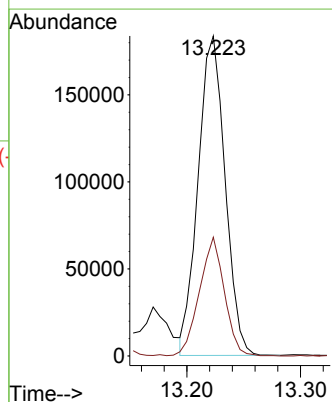
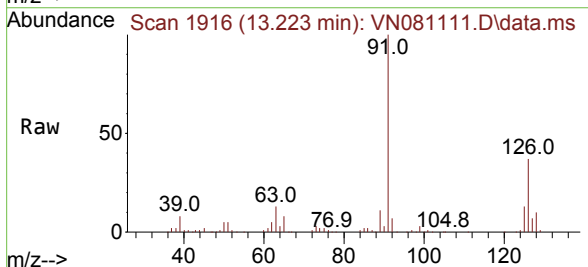
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

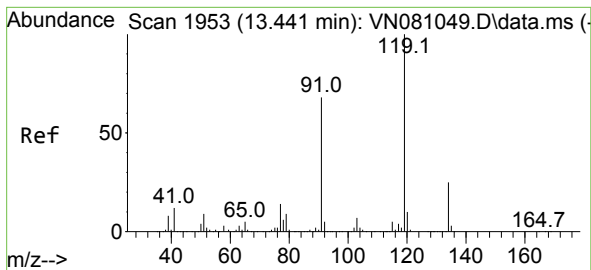
Tgt Ion: 75 Resp: 40373
Ion Ratio Lower Upper
75 100
53 116.7 71.4 107.2#
89 40.3 33.4 50.0



#82
4-Chlorotoluene
Concen: 18.554 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion: 91 Resp: 302855
Ion Ratio Lower Upper
91 100
126 34.5 15.3 45.9





#83

tert-Butylbenzene

Concen: 19.030 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

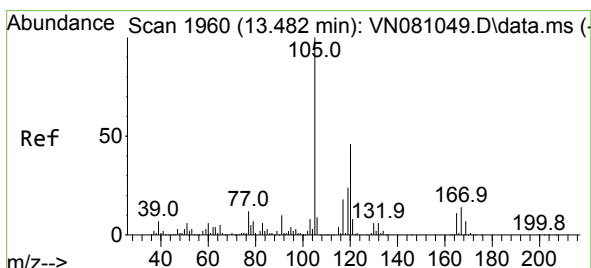
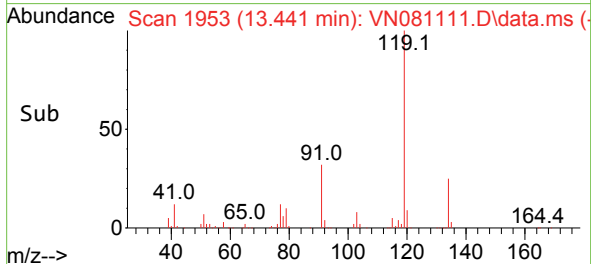
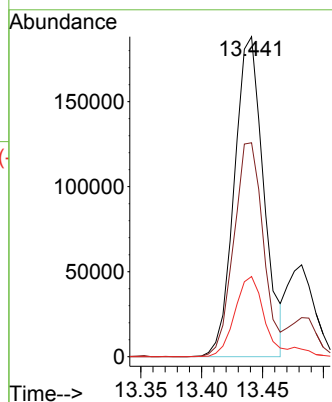
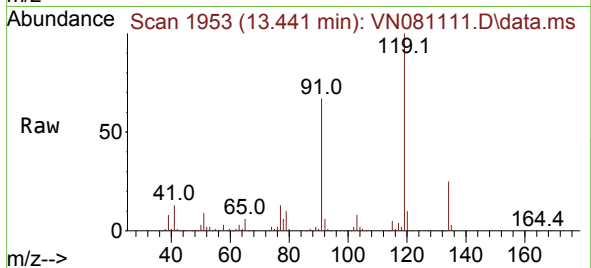
Tgt Ion:119 Resp: 315418

Ion Ratio Lower Upper

119 100

91 67.3 36.8 110.4

134 26.6 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 19.592 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081111.D

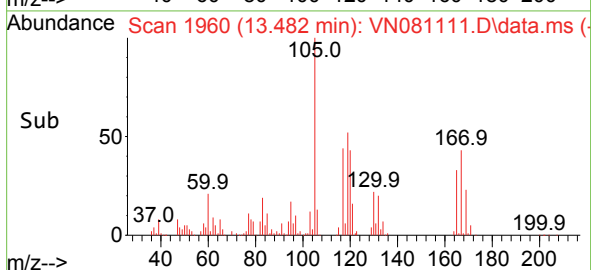
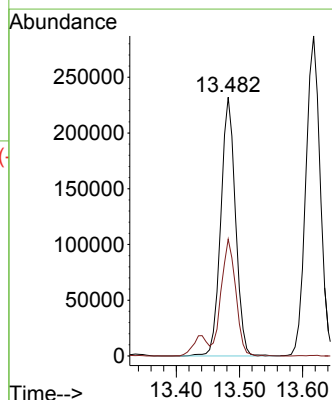
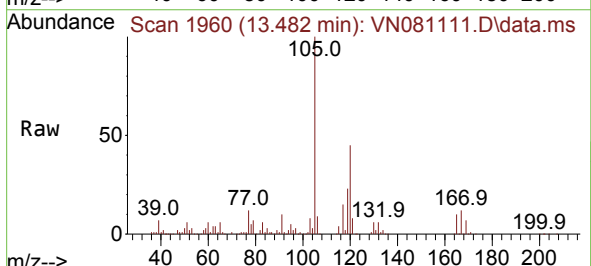
Acq: 21 Feb 2024 11:26

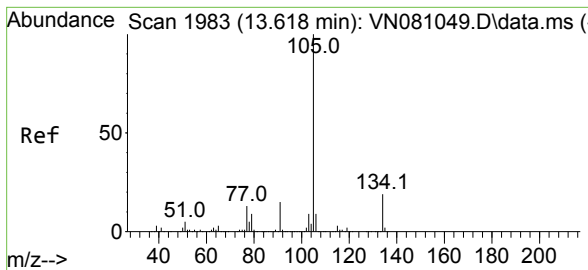
Tgt Ion:105 Resp: 374235

Ion Ratio Lower Upper

105 100

120 44.8 20.9 62.7

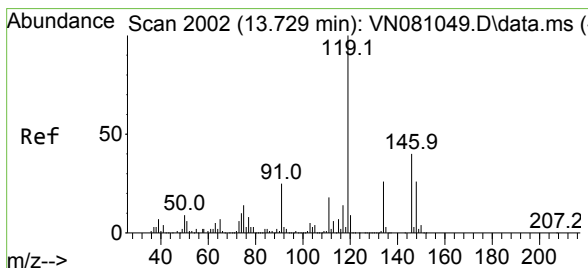
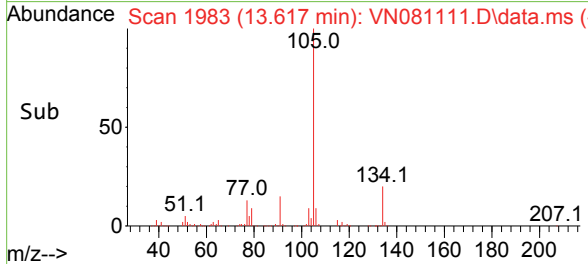
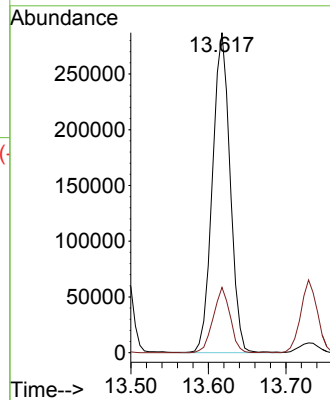
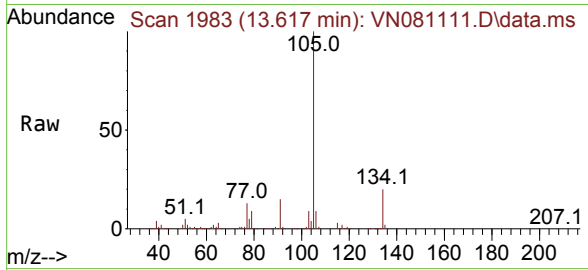




#85
 sec-Butylbenzene
 Concen: 19.716 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081111.D
 Acq: 21 Feb 2024 11:26

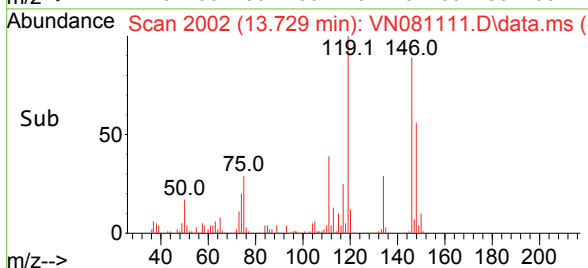
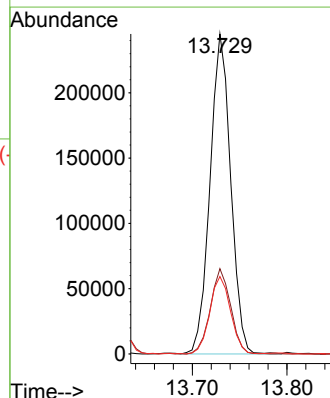
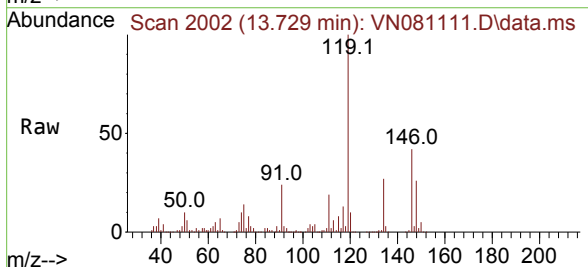
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBS01

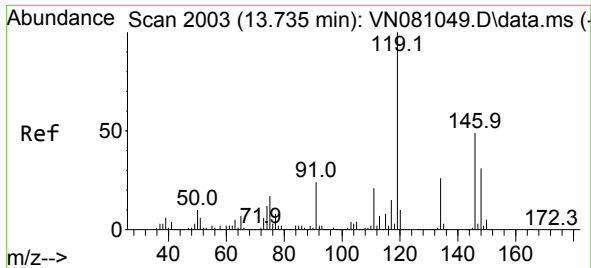
Tgt Ion:105 Resp: 454306
 Ion Ratio Lower Upper
 105 100
 134 19.5 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 19.473 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081111.D
 Acq: 21 Feb 2024 11:26

Tgt Ion:119 Resp: 372696
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.4 37.2
 91 24.3 13.5 40.4

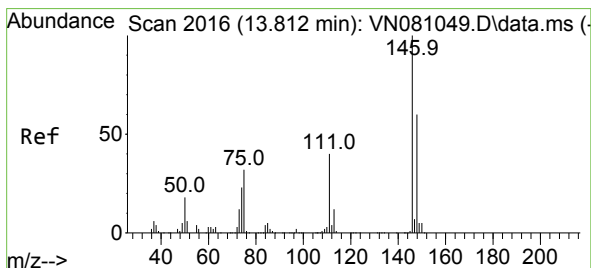
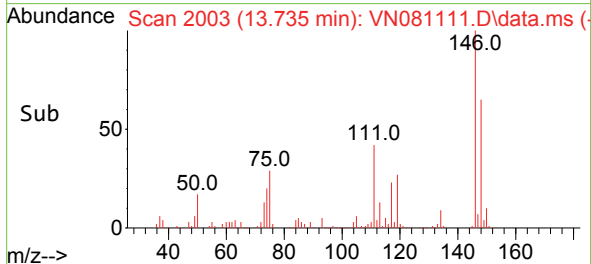
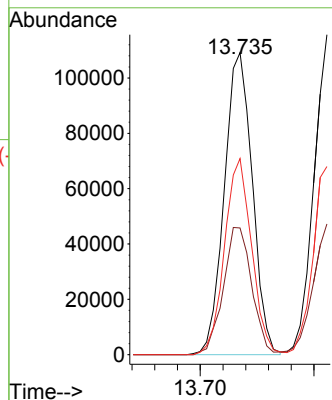
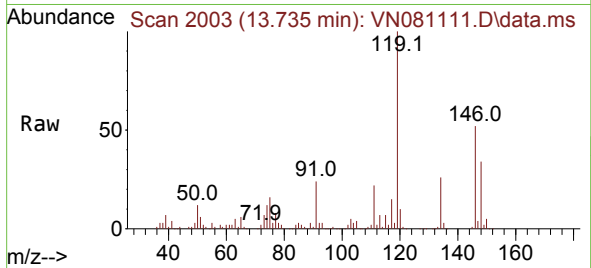




#87
1,3-Dichlorobenzene
Concen: 18.781 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

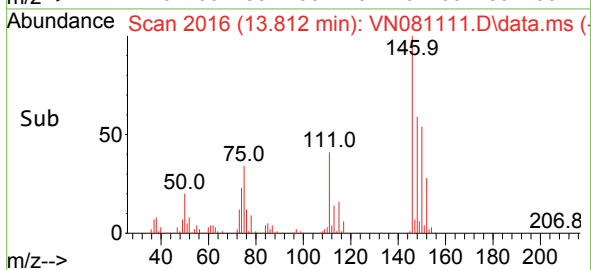
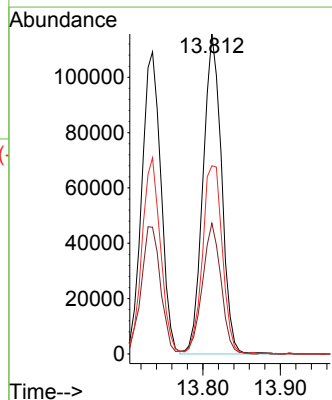
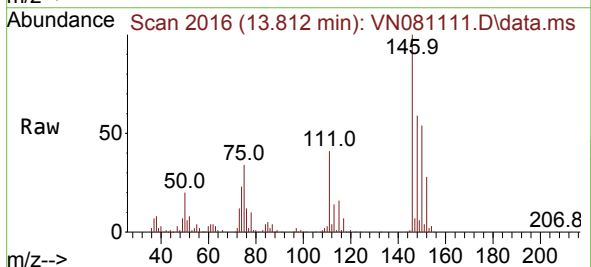
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

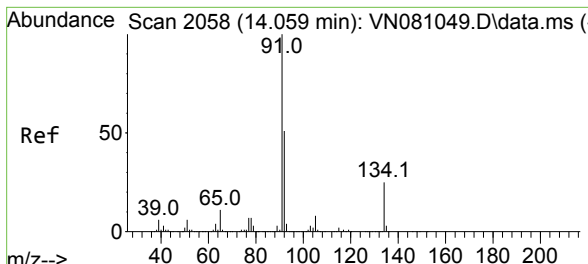
Tgt Ion:146 Resp: 187063
Ion Ratio Lower Upper
146 100
111 42.9 23.9 71.7
148 62.9 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 19.634 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081111.D
Acq: 21 Feb 2024 11:26

Tgt Ion:146 Resp: 192159
Ion Ratio Lower Upper
146 100
111 41.2 22.6 67.7
148 62.8 31.9 95.5

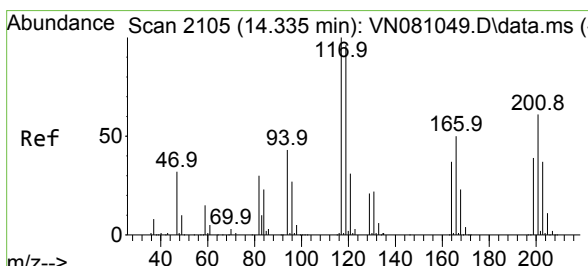
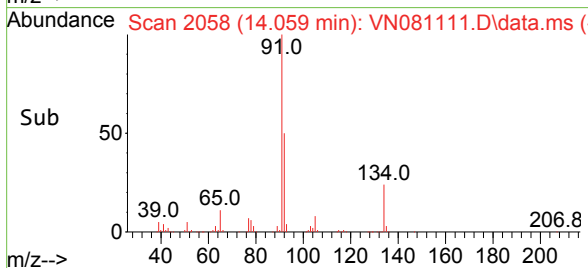
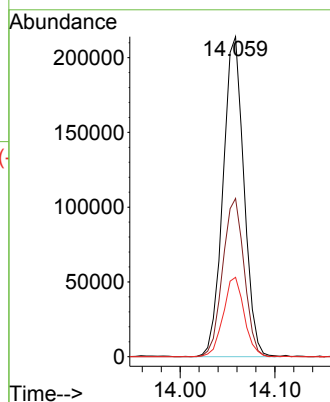
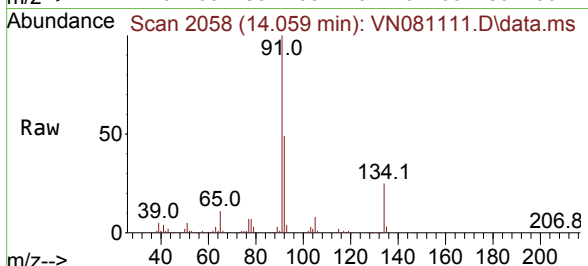




#89
 n-Butylbenzene
 Concen: 19.685 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VN081111.D
 Acq: 21 Feb 2024 11:26

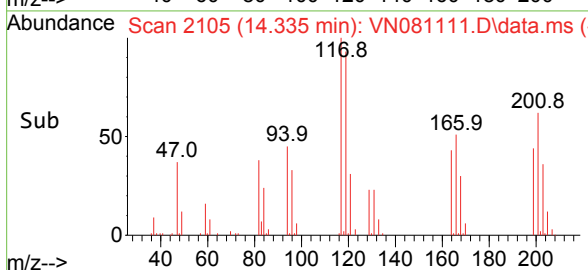
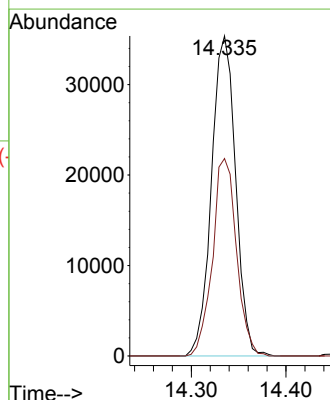
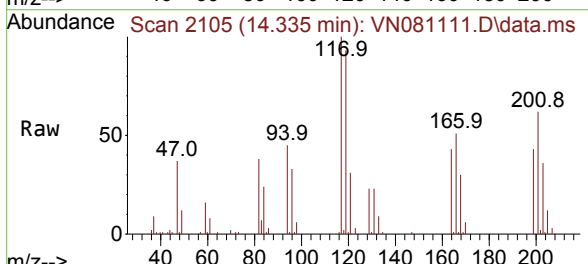
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBS01

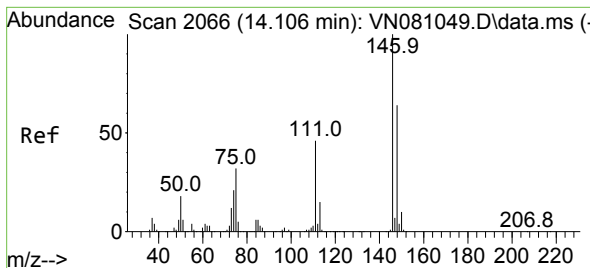
Tgt Ion:	91	Resp:	328225
Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.7	80.1
134	25.0	10.8	32.4



#90
 Hexachloroethane
 Concen: 19.774 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: VN081111.D
 Acq: 21 Feb 2024 11:26

Tgt Ion:	117	Resp:	62557
Ion	Ratio	Lower	Upper
117	100		
201	61.4	30.0	90.0





#91

1,2-Dichlorobenzene

Concen: 19.045 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

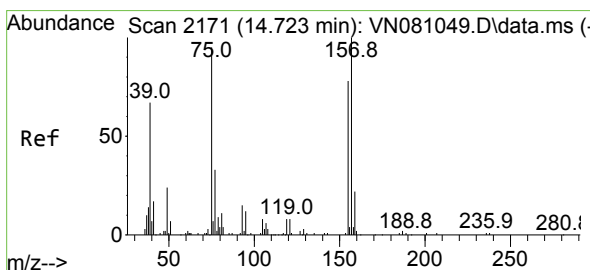
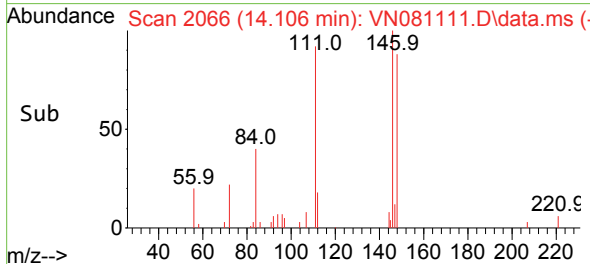
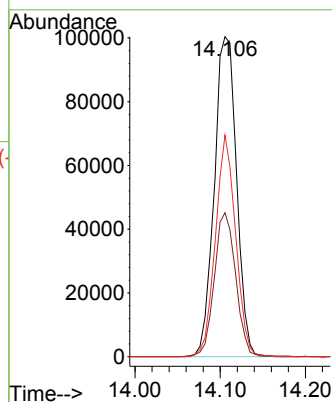
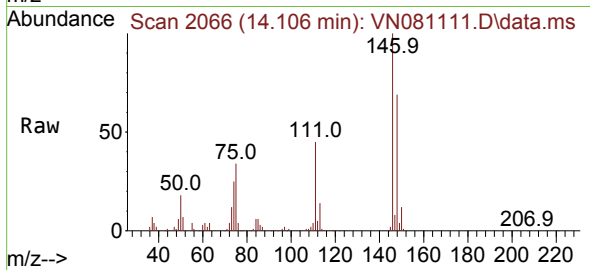
Tgt Ion:146 Resp: 182951

Ion Ratio Lower Upper

146 100

111 43.1 23.9 71.8

148 62.8 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.343 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

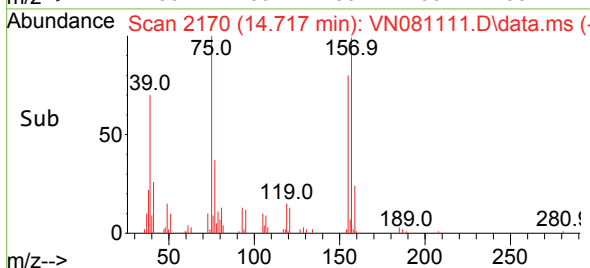
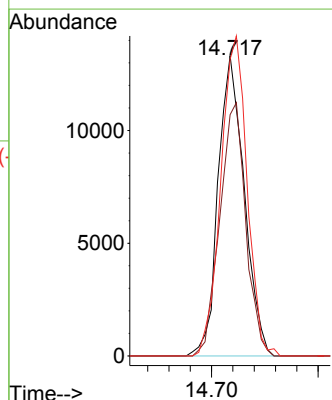
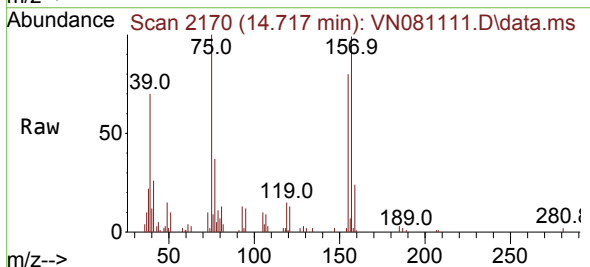
Tgt Ion: 75 Resp: 22589

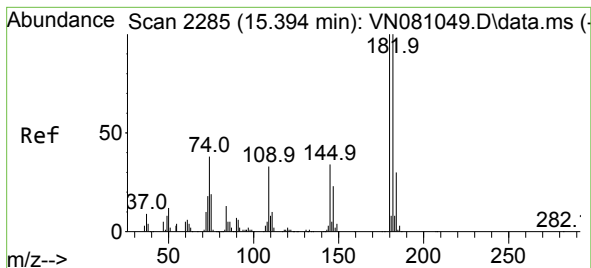
Ion Ratio Lower Upper

75 100

155 84.2 31.8 95.4

157 107.5 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 18.349 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

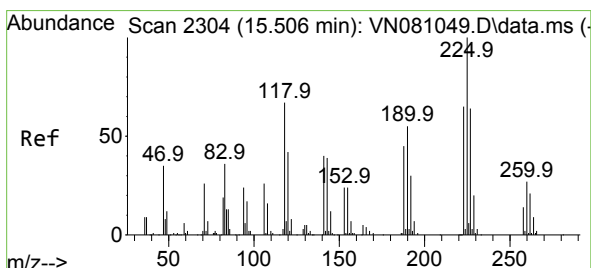
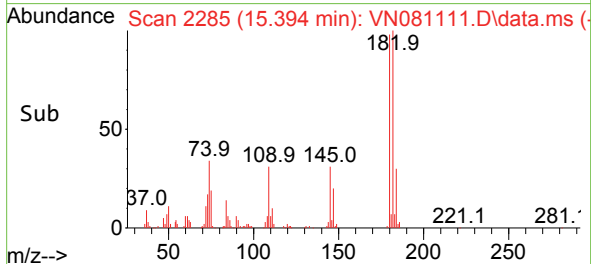
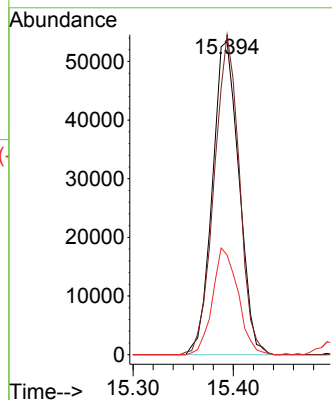
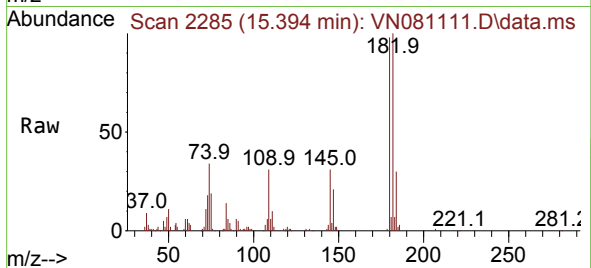
Tgt Ion:180 Resp: 98335

Ion Ratio Lower Upper

180 100

182 96.8 46.6 139.7

145 32.6 16.8 50.3



#94

Hexachlorobutadiene

Concen: 18.363 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

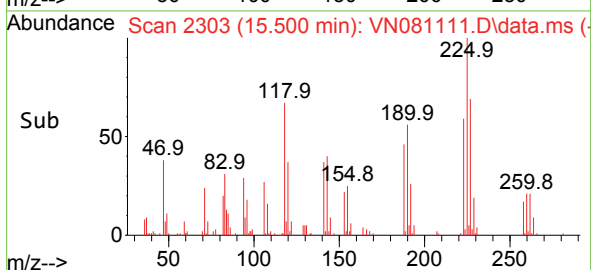
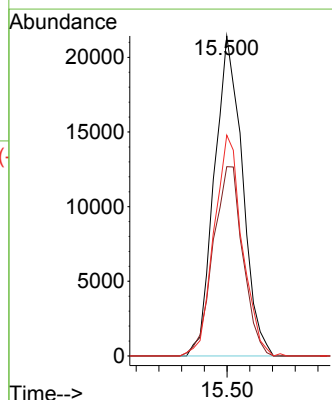
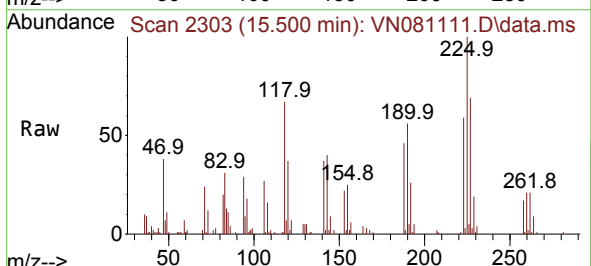
Tgt Ion:225 Resp: 36703

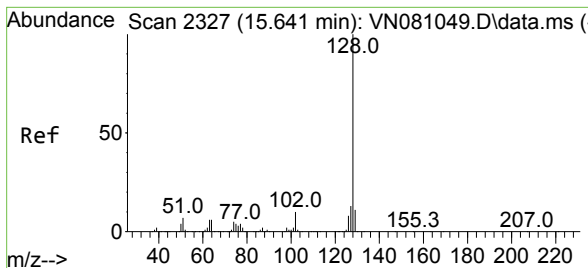
Ion Ratio Lower Upper

225 100

223 62.8 33.3 99.8

227 69.4 33.1 99.2





#95

Naphthalene

Concen: 17.395 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

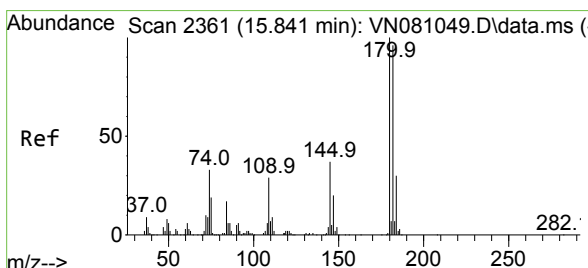
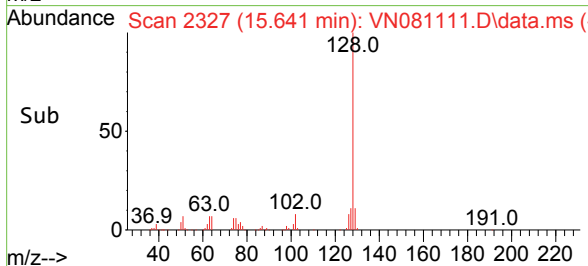
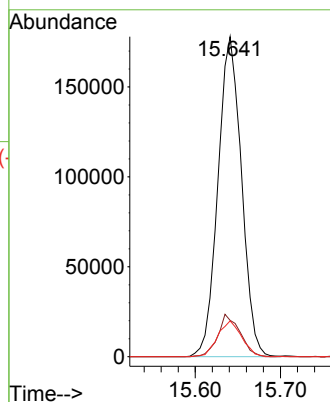
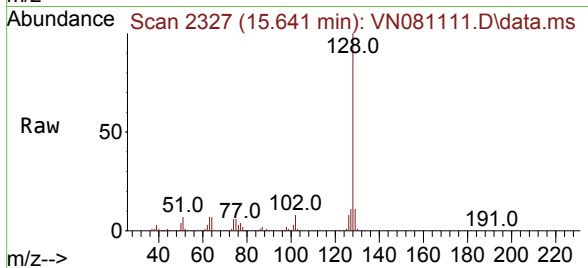
Tgt Ion:128 Resp: 341626

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 11.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.760 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081111.D

Acq: 21 Feb 2024 11:26

Tgt Ion:180 Resp: 99737

Ion Ratio Lower Upper

180 100

182 92.6 46.5 139.3

145 36.6 17.8 53.4

