

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081356.D
 Acq On : 11 Mar 2024 12:17
 Operator : JC\MD
 Sample : VN0311WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBS01

Quant Time: Mar 12 04:50:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	295561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	548745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	491147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226588	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	225910	52.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.720%	
35) Dibromofluoromethane	8.165	113	172967	51.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.900%	
50) Toluene-d8	10.565	98	648571	51.606	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	12.853	95	226961	51.095	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.180%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	82910	21.161	ug/l	96
3) Chloromethane	2.365	50	76607	18.101	ug/l	98
4) Vinyl Chloride	2.518	62	84102	19.049	ug/l	95
5) Bromomethane	2.959	94	54895	18.617	ug/l	100
6) Chloroethane	3.130	64	57601	18.995	ug/l	94
7) Trichlorofluoromethane	3.500	101	130685	20.009	ug/l	92
8) Diethyl Ether	3.959	74	46229	20.090	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	73253	19.695	ug/l	94
10) Methyl Iodide	4.594	142	67319	19.779	ug/l	97
11) Tert butyl alcohol	5.506	59	74682	99.942	ug/l	99
12) 1,1-Dichloroethene	4.341	96	65791	19.101	ug/l	88
13) Acrolein	4.177	56	81786	92.431	ug/l	96
14) Allyl chloride	5.018	41	99253	19.417	ug/l #	90
15) Acrylonitrile	5.718	53	192970	98.850	ug/l	96
16) Acetone	4.430	43	147657	97.520	ug/l	99
17) Carbon Disulfide	4.712	76	176214	17.925	ug/l #	94
18) Methyl Acetate	5.018	43	99110	22.863	ug/l	94
19) Methyl tert-butyl Ether	5.788	73	235572	20.166	ug/l	95
20) Methylene Chloride	5.283	84	80485	21.049	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	72660	18.711	ug/l	94
22) Diisopropyl ether	6.665	45	241700	21.288	ug/l #	96
23) Vinyl Acetate	6.600	43	933182	101.174	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	138358	19.908	ug/l	94
25) 2-Butanone	7.482	43	252477	99.570	ug/l	99
26) 2,2-Dichloropropane	7.488	77	123456	20.099	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	86059	19.547	ug/l	90
28) Bromochloromethane	7.806	49	53109	17.859	ug/l #	62
29) Tetrahydrofuran	7.835	42	170725	98.738	ug/l	89
30) Chloroform	7.971	83	148213	20.550	ug/l	98
31) Cyclohexane	8.259	56	119466	18.465	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	130028	20.396	ug/l #	91
36) 1,1-Dichloropropene	8.371	75	106632	19.660	ug/l	97
37) Ethyl Acetate	7.559	43	101122	19.072	ug/l	98
38) Carbon Tetrachloride	8.365	117	107610	19.713	ug/l	100
39) Methylcyclohexane	9.600	83	119082	19.077	ug/l	90
40) Benzene	8.606	78	311458	19.238	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	60931	20.350	ug/l	96
42) 1,2-Dichloroethane	8.671	62	119325	20.904	ug/l	98
43) Isopropyl Acetate	8.688	43	178885	19.276	ug/l	98
44) Trichloroethene	9.353	130	80533	19.723	ug/l	91
45) 1,2-Dichloropropane	9.623	63	80053	19.684	ug/l	98
46) Dibromomethane	9.706	93	59912	20.900	ug/l	92
47) Bromodichloromethane	9.888	83	113803	20.449	ug/l #	94
48) Methyl methacrylate	9.682	41	83600	20.380	ug/l	93
49) 1,4-Dioxane	9.694	88	34741	384.248	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	549740	102.021	ug/l	98
52) Toluene	10.629	92	196313	20.073	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	123716	20.546	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	132688	20.413	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	84205	21.712	ug/l	95
56) Ethyl methacrylate	10.876	69	114370	20.537	ug/l	92
57) 1,3-Dichloropropane	11.165	76	136240	20.128	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	283308	94.576	ug/l	91
59) 2-Hexanone	11.194	43	407617	101.187	ug/l	98
60) Dibromochloromethane	11.359	129	82039	20.540	ug/l	99
61) 1,2-Dibromoethane	11.470	107	84149	20.912	ug/l	97
64) Tetrachloroethene	11.106	164	75730	19.692	ug/l	89
65) Chlorobenzene	11.894	112	206265	19.930	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	75594	19.960	ug/l	97
67) Ethyl Benzene	11.965	91	363326	19.488	ug/l	99
68) m/p-Xylenes	12.070	106	286264	40.800	ug/l	93
69) o-Xylene	12.400	106	136972	20.143	ug/l	95
70) Styrene	12.412	104	227429	21.105	ug/l	96
71) Bromoform	12.582	173	53399	20.309	ug/l #	98
73) Isopropylbenzene	12.700	105	351198	19.194	ug/l	98
74) N-amyl acetate	12.494	43	148821	19.385	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	107962	19.120	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	151856	28.374	ug/l	58
77) Bromobenzene	12.982	156	82594	19.039	ug/l	79
78) n-propylbenzene	13.035	91	435793	20.137	ug/l	97
79) 2-Chlorotoluene	13.129	91	252050	19.054	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	305644	20.208	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	42747	22.291	ug/l	96
82) 4-Chlorotoluene	13.223	91	252366	19.315	ug/l	97
83) tert-Butylbenzene	13.441	119	247324	19.074	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	309207	20.178	ug/l	98
85) sec-Butylbenzene	13.617	105	359428	19.160	ug/l	95
86) p-Isopropyltoluene	13.729	119	298292	19.828	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	156356	19.088	ug/l	94
88) 1,4-Dichlorobenzene	13.811	146	153694	18.772	ug/l	99
89) n-Butylbenzene	14.059	91	267084	19.360	ug/l	97
90) Hexachloroethane	14.341	117	51264	19.464	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	151798	19.314	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21864	18.094	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	79648	18.959	ug/l	97
94) Hexachlorobutadiene	15.505	225	31825	18.334	ug/l	94
95) Naphthalene	15.641	128	284989	19.065	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	79484	18.657	ug/l	95

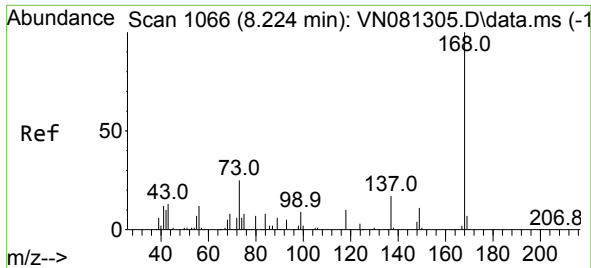
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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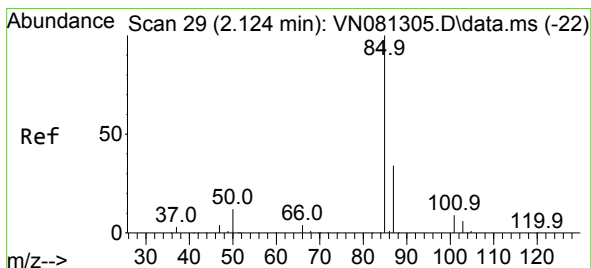
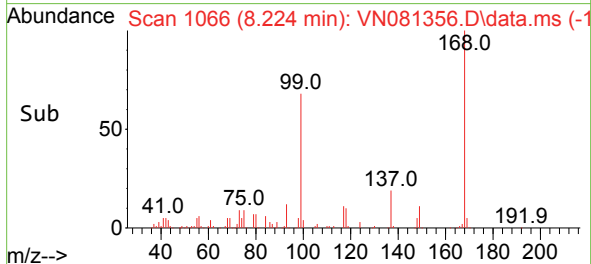
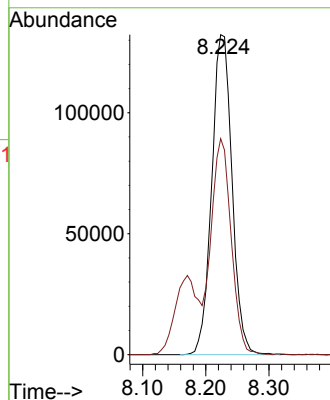
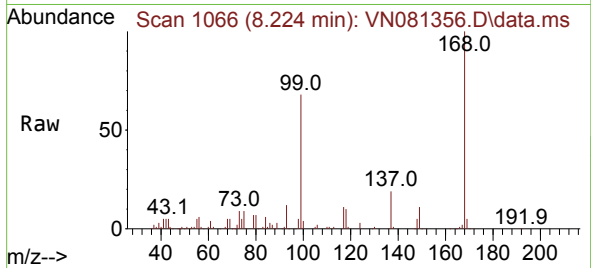
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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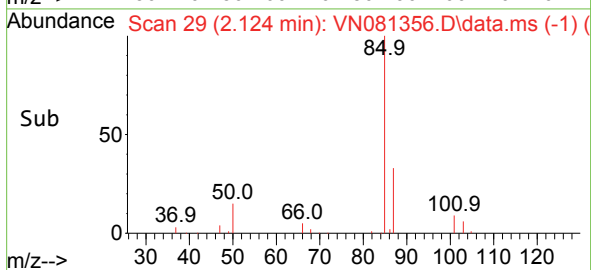
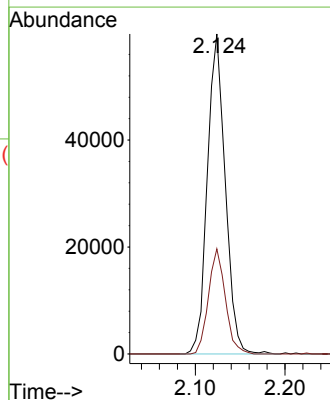
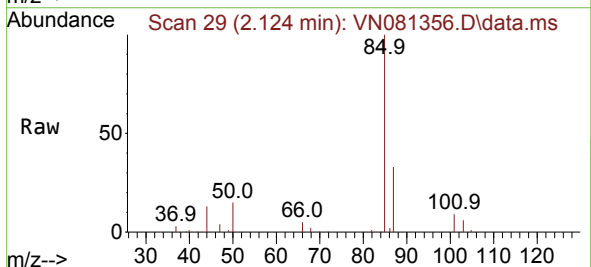
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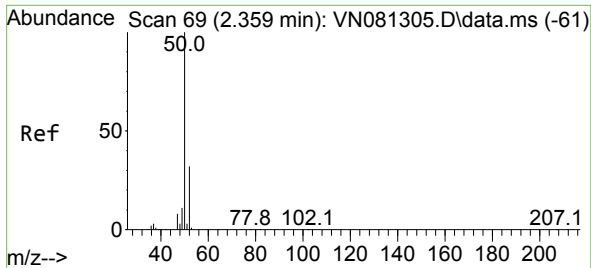
Tgt Ion:168 Resp: 295561
Ion Ratio Lower Upper
168 100
99 67.2 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 21.161 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 85 Resp: 82910
Ion Ratio Lower Upper
85 100
87 32.9 15.3 45.9

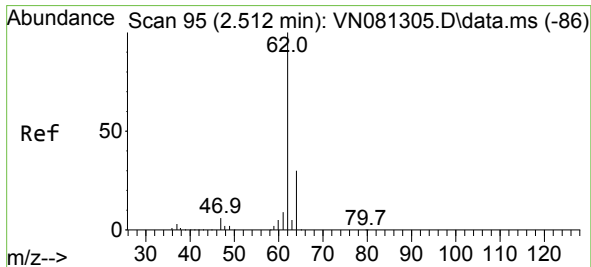
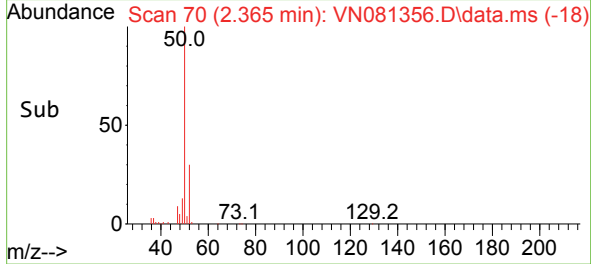
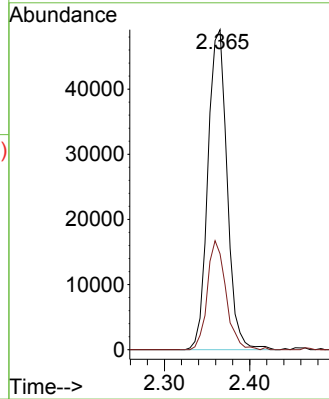
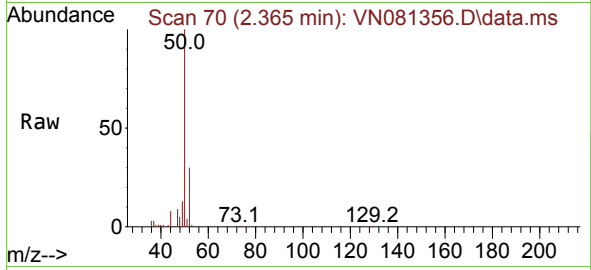




#3
Chloromethane
Concen: 18.101 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

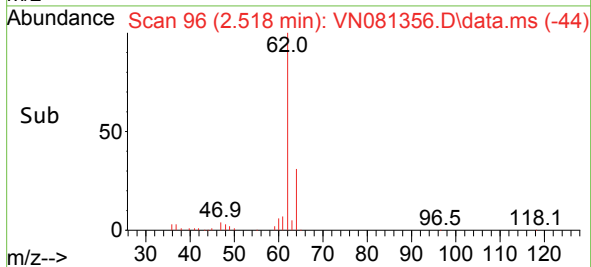
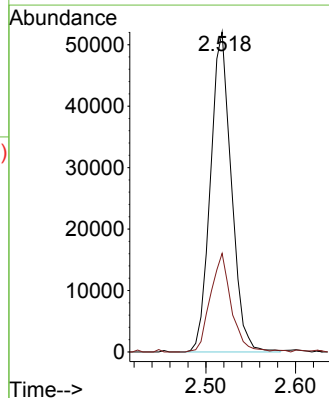
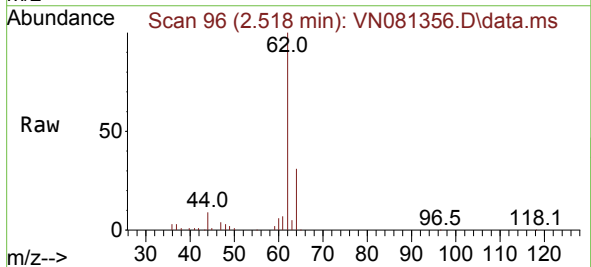
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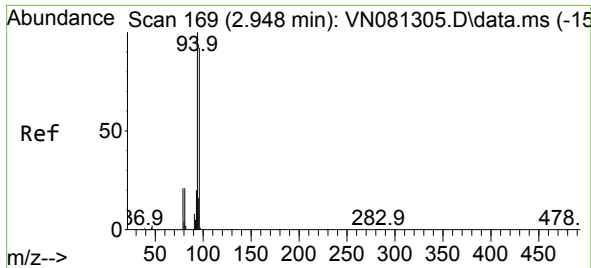
Tgt Ion: 50 Resp: 76607
Ion Ratio Lower Upper
50 100
52 29.9 25.0 37.4



#4
Vinyl Chloride
Concen: 19.049 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 62 Resp: 84102
Ion Ratio Lower Upper
62 100
64 30.8 22.7 34.1

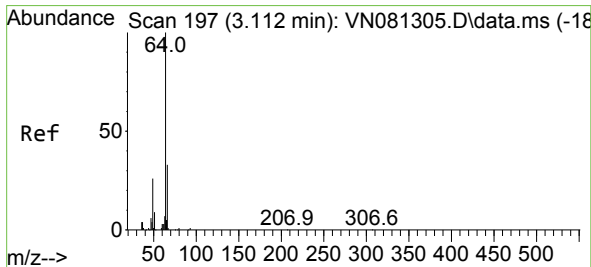
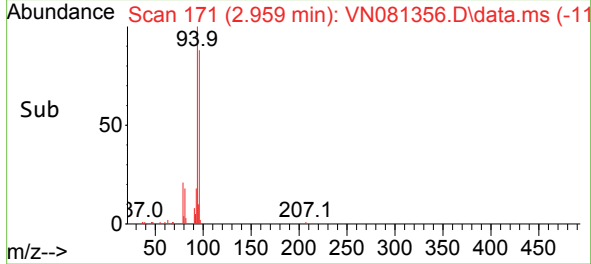
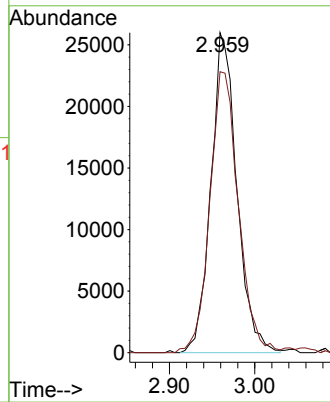
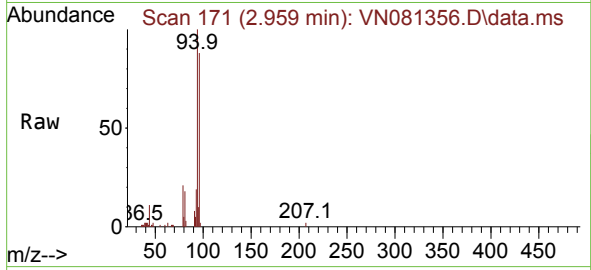




#5
Bromomethane
Concen: 18.617 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

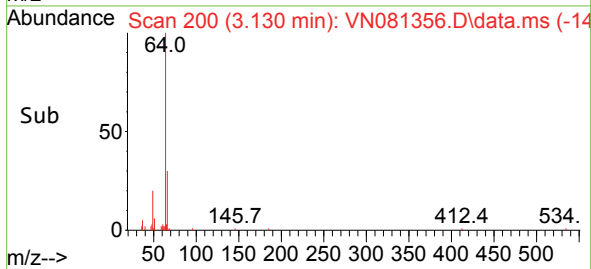
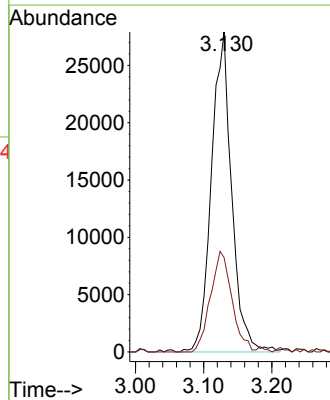
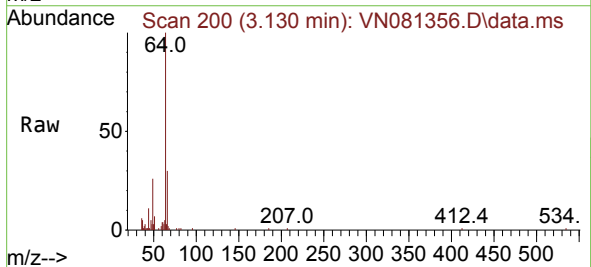
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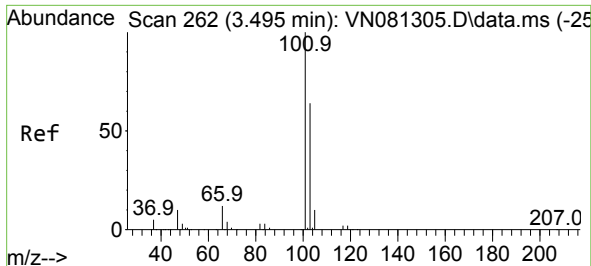
Tgt Ion: 94 Resp: 54895
Ion Ratio Lower Upper
94 100
96 86.9 69.2 103.8



#6
Chloroethane
Concen: 18.995 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.018 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 64 Resp: 57601
Ion Ratio Lower Upper
64 100
66 29.6 26.4 39.6

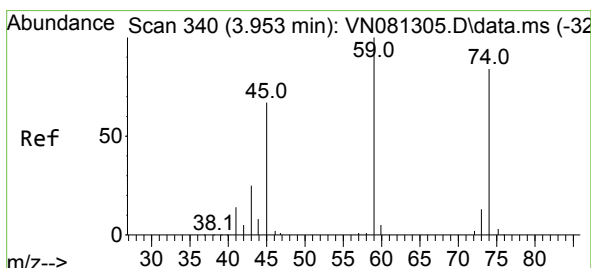
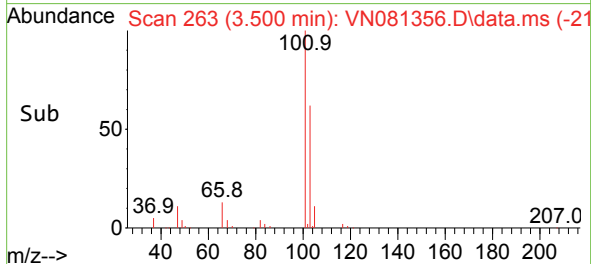
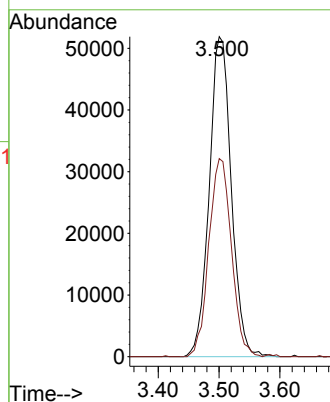
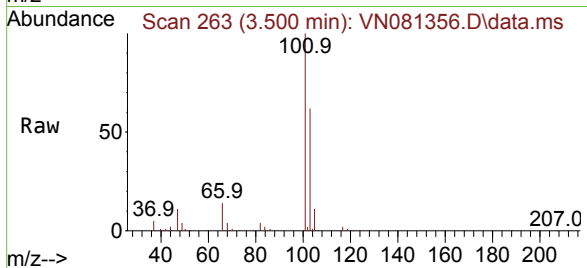




#7
Trichlorofluoromethane
Concen: 20.009 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081356.D
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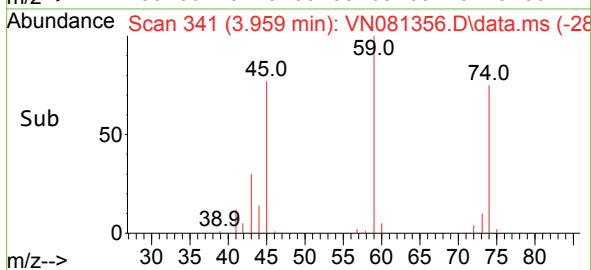
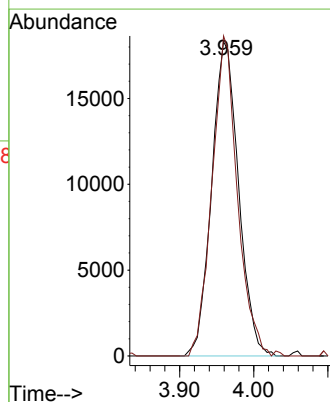
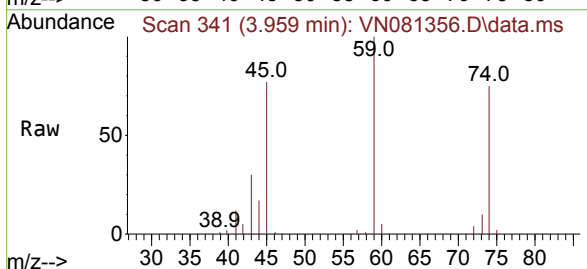
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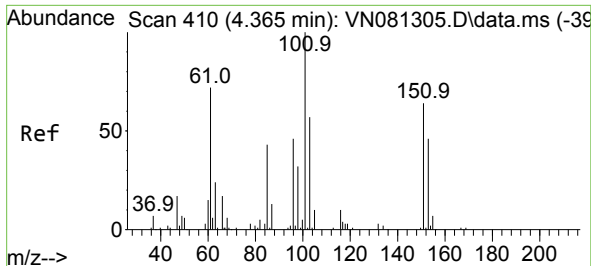
Tgt Ion:101 Resp: 130685
Ion Ratio Lower Upper
101 100
103 61.9 54.4 81.6



#8
Diethyl Ether
Concen: 20.090 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 74 Resp: 46229
Ion Ratio Lower Upper
74 100
45 95.7 53.3 159.9

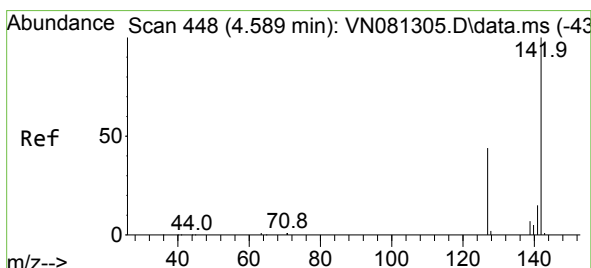
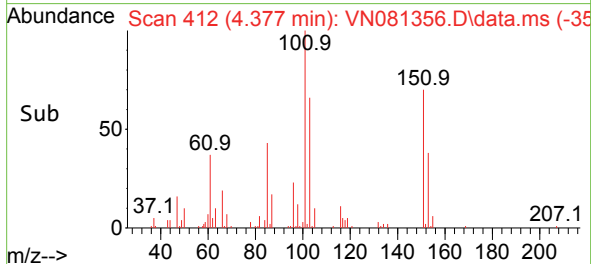
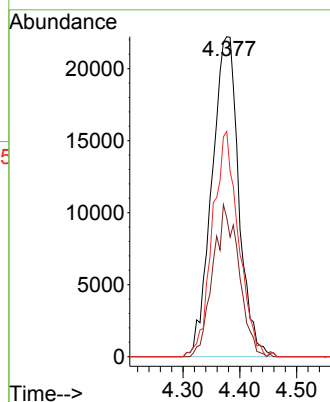
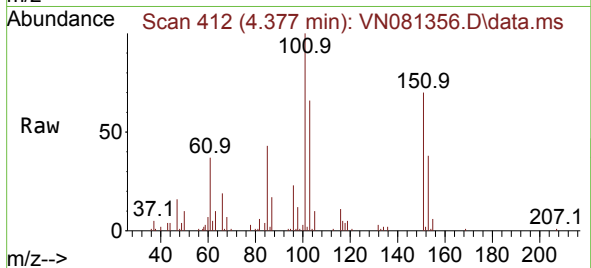




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.695 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN081356.D
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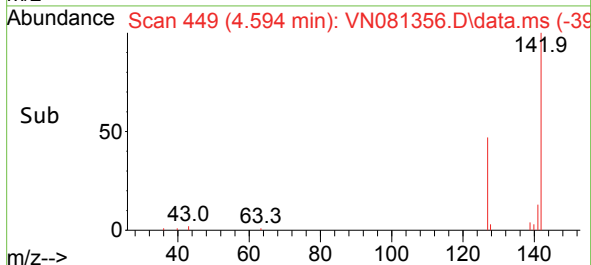
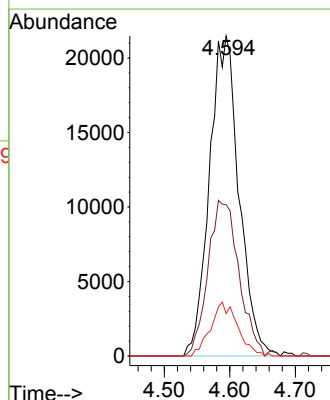
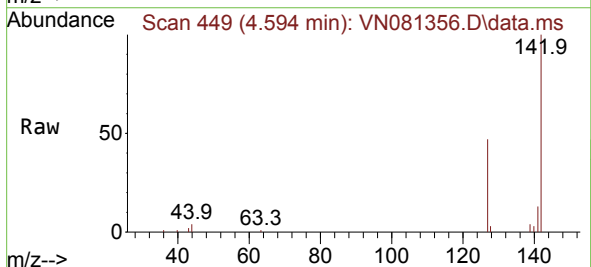
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ClientSampleId :
VN0311WBS01

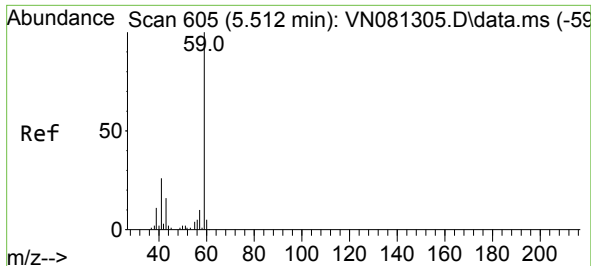
Tgt Ion:101 Resp: 73253
Ion Ratio Lower Upper
101 100
85 45.8 38.1 57.1
151 67.7 49.1 73.7



#10
Methyl Iodide
Concen: 19.779 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion:142 Resp: 67319
Ion Ratio Lower Upper
142 100
127 47.3 37.0 55.4
141 13.3 12.5 18.7

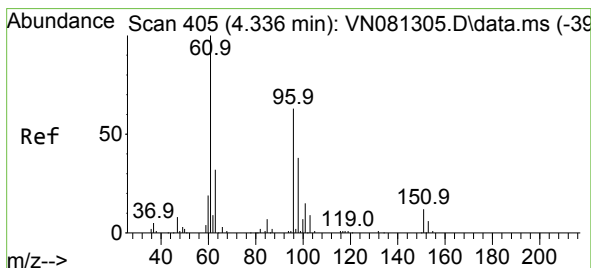
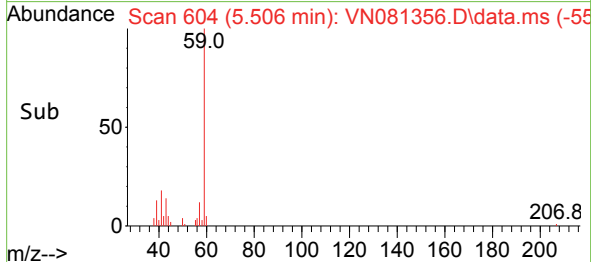
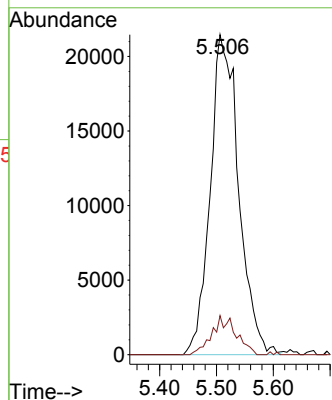
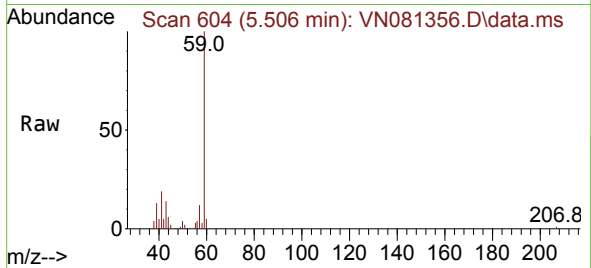




#11
Tert butyl alcohol
Concen: 99.942 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

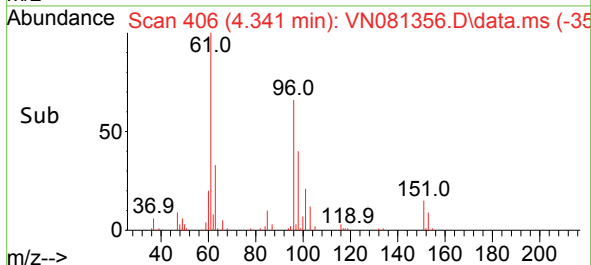
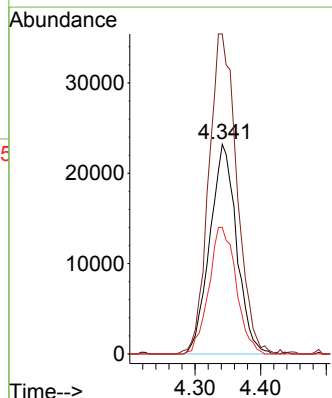
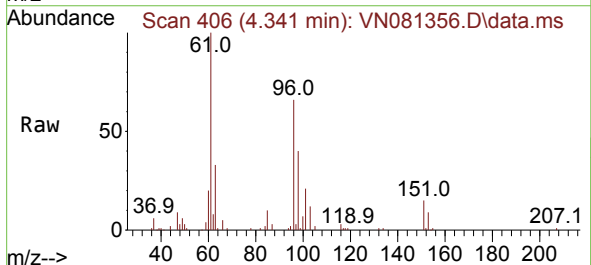
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

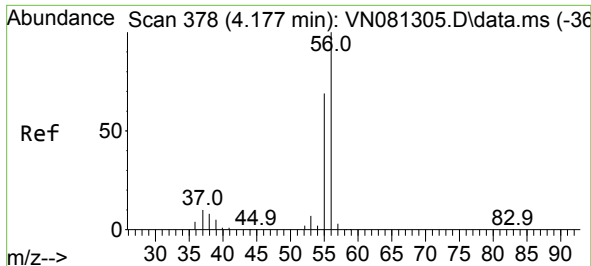
Tgt Ion: 59 Resp: 74682
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.101 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 96 Resp: 65791
Ion Ratio Lower Upper
96 100
61 151.9 138.2 207.4
98 60.4 49.2 73.8

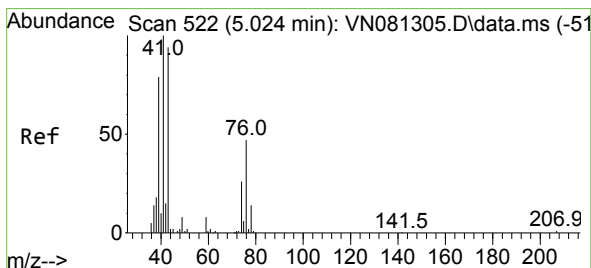
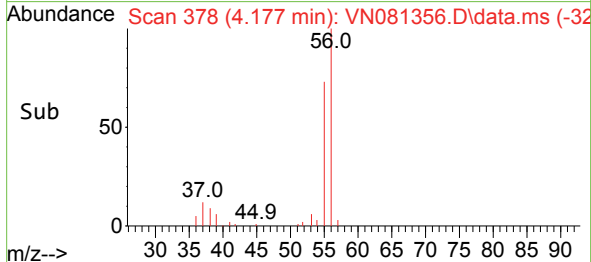
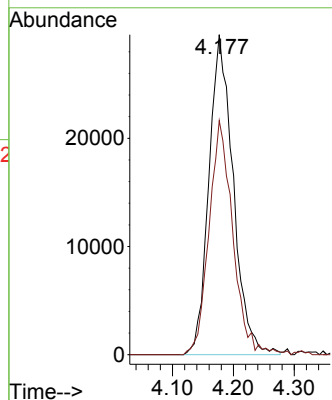
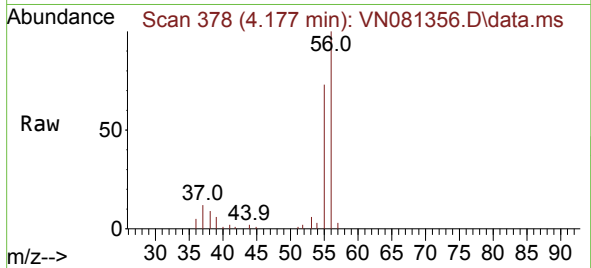




#13
Acrolein
Concen: 92.431 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

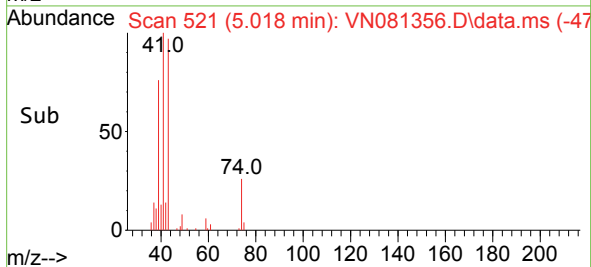
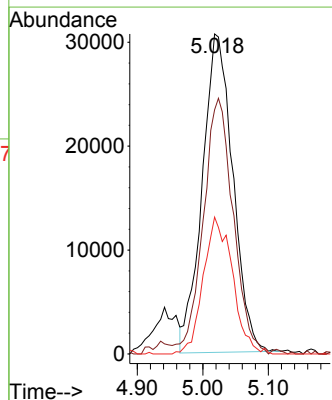
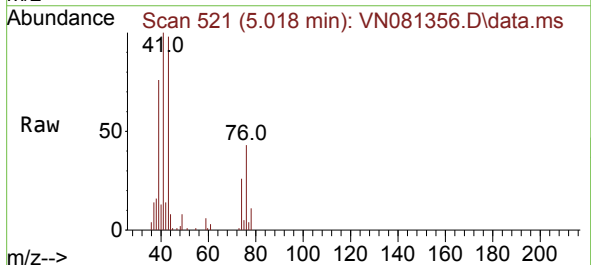
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

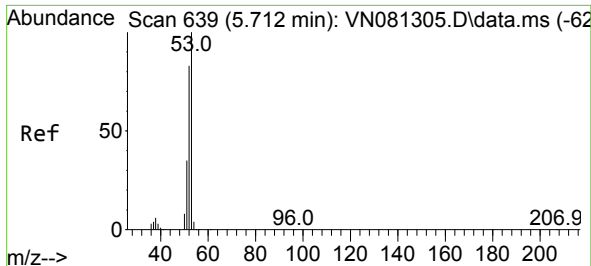
Tgt Ion: 56 Resp: 81786
Ion Ratio Lower Upper
56 100
55 72.0 55.3 82.9



#14
Allyl chloride
Concen: 19.417 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 41 Resp: 99253
Ion Ratio Lower Upper
41 100
39 78.7 57.7 86.5
76 41.2 26.8 40.2#

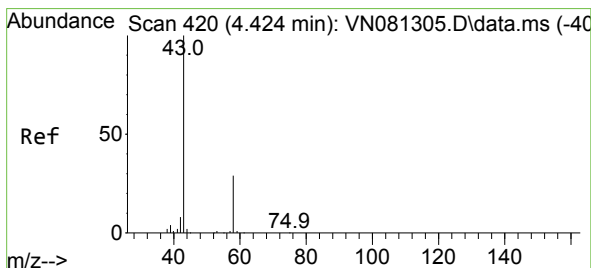
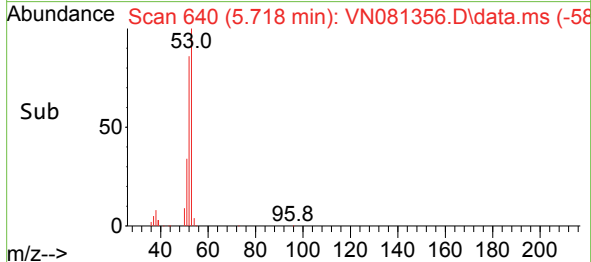
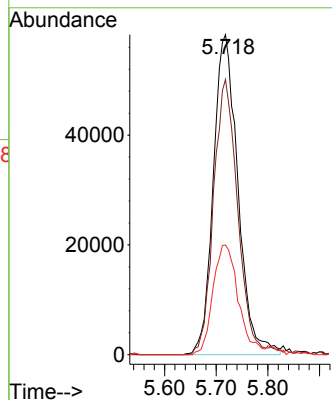
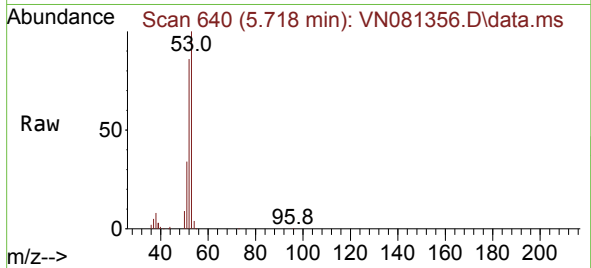




#15
Acrylonitrile
Concen: 98.850 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

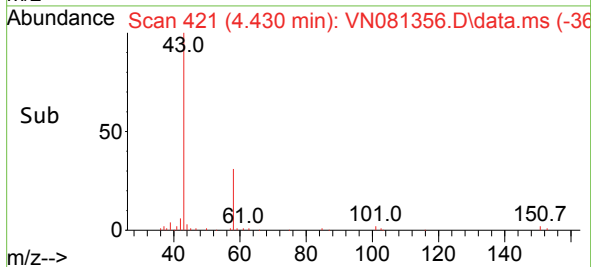
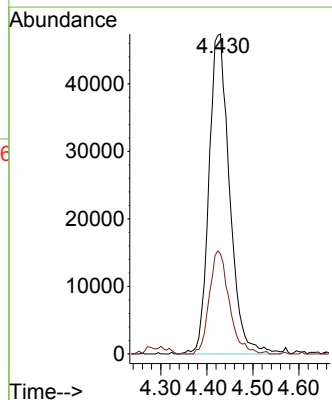
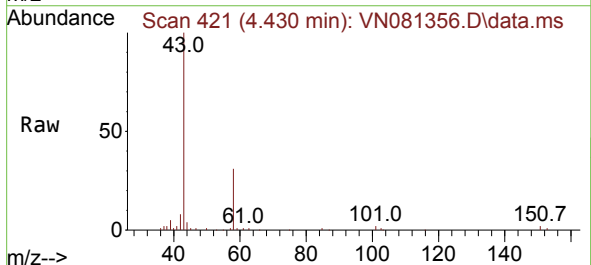
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

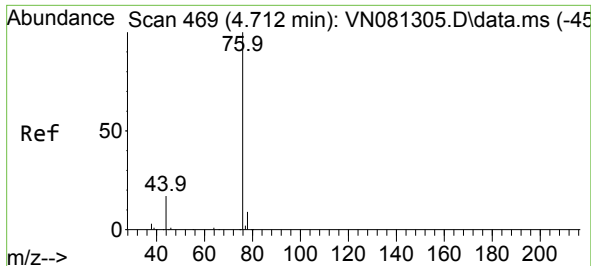
Tgt Ion: 53 Resp: 192970
Ion Ratio Lower Upper
53 100
52 84.8 64.8 97.2
51 35.4 26.9 40.3



#16
Acetone
Concen: 97.520 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 43 Resp: 147657
Ion Ratio Lower Upper
43 100
58 31.3 24.8 37.2

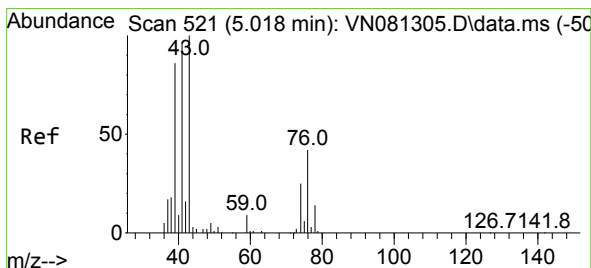
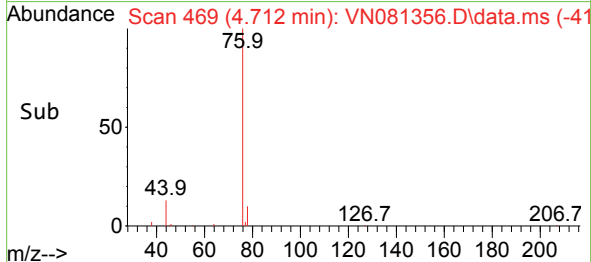
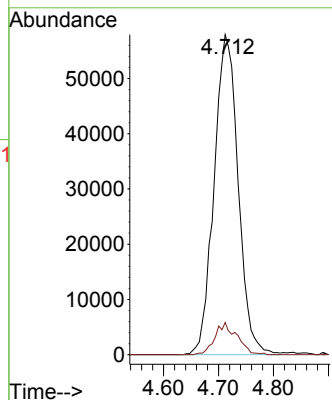
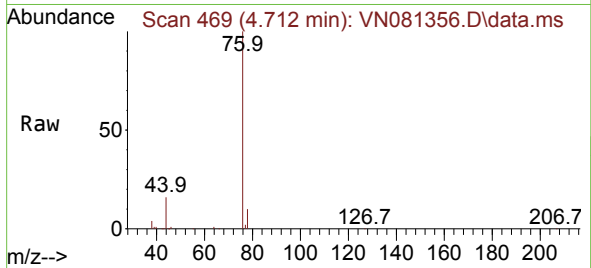




#17
Carbon Disulfide
Concen: 17.925 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

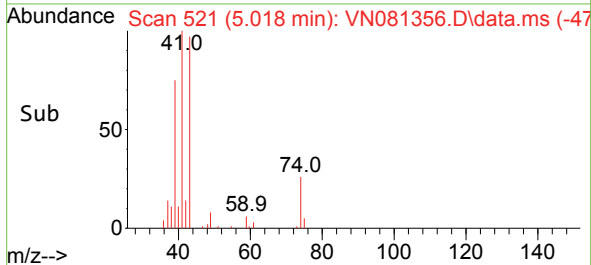
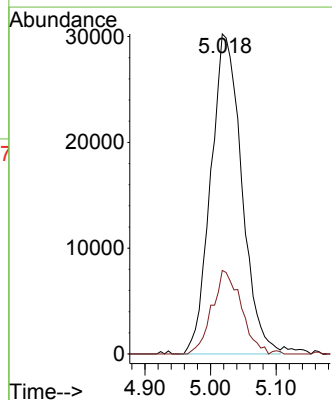
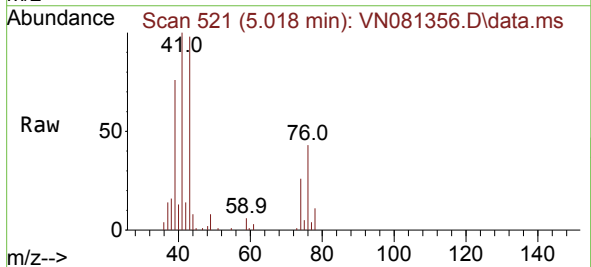
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

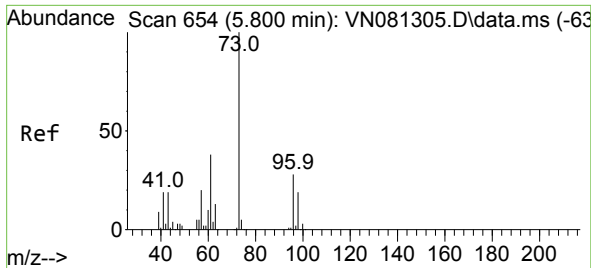
Tgt Ion: 76 Resp: 176214
Ion Ratio Lower Upper
76 100
78 10.1 6.3 9.5#



#18
Methyl Acetate
Concen: 22.863 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 43 Resp: 99110
Ion Ratio Lower Upper
43 100
74 24.7 17.3 25.9

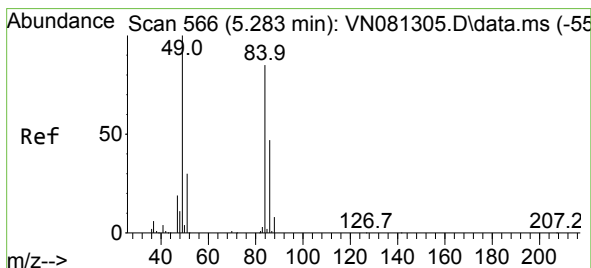
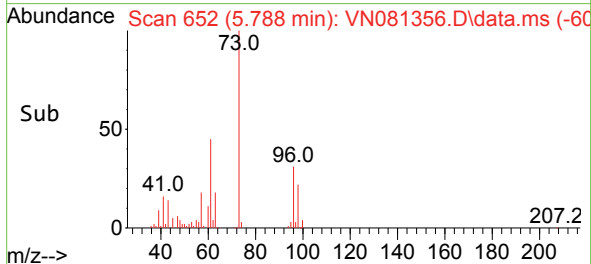
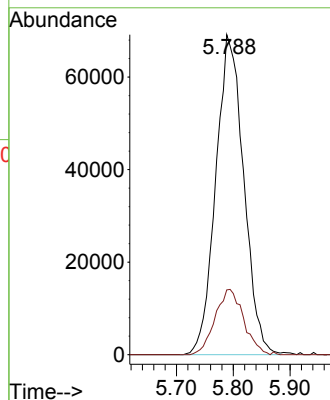
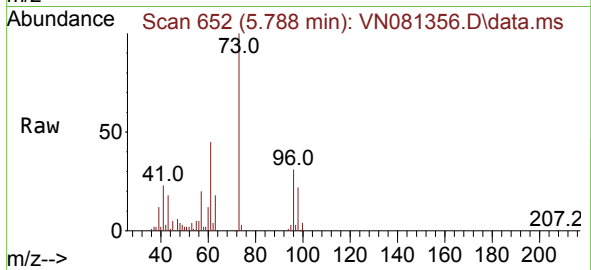




#19
Methyl tert-butyl Ether
Concen: 20.166 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

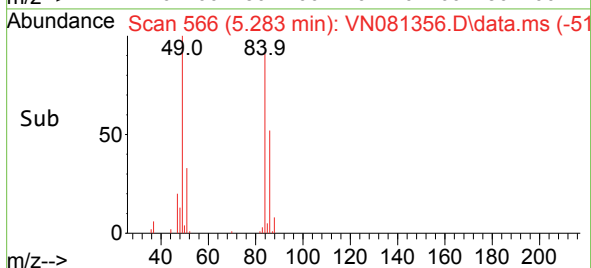
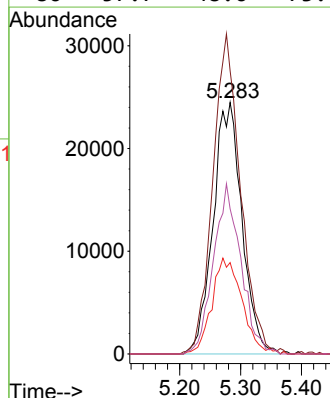
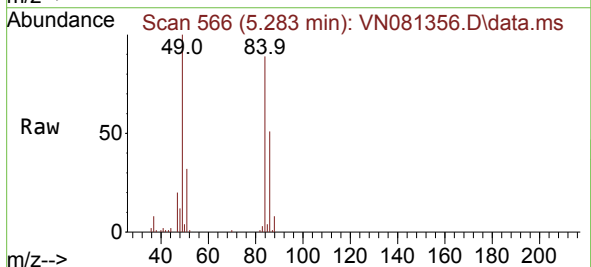
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

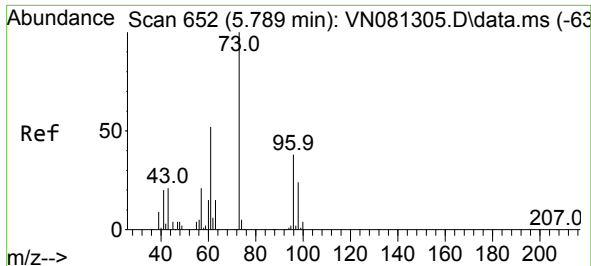
Tgt Ion: 73 Resp: 235572
Ion Ratio Lower Upper
73 100
57 20.3 18.2 27.4



#20
Methylene Chloride
Concen: 21.049 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 84 Resp: 80485
Ion Ratio Lower Upper
84 100
49 112.6 108.1 162.1
51 36.3 32.9 49.3
86 57.7 48.6 73.0

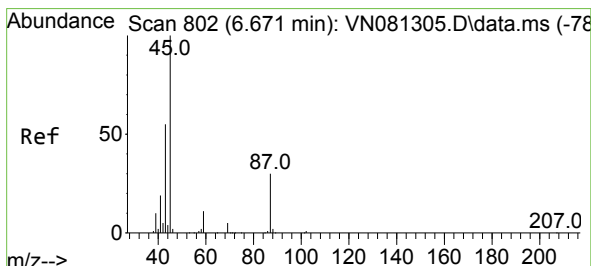
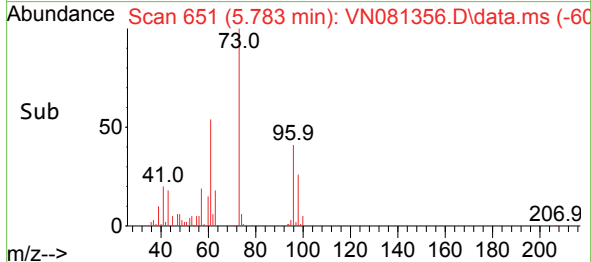
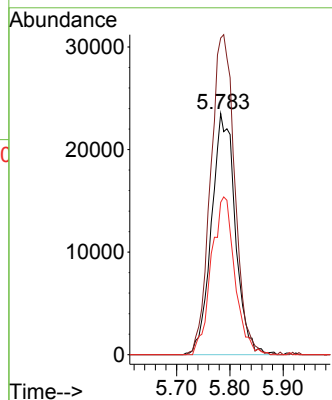
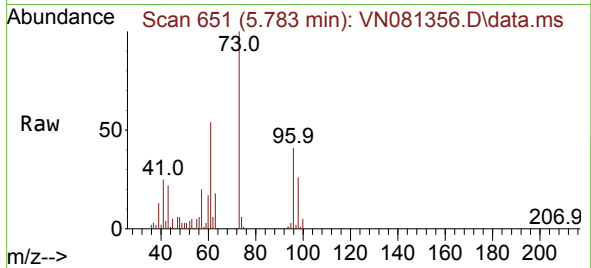




#21
trans-1,2-Dichloroethene
Concen: 18.711 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

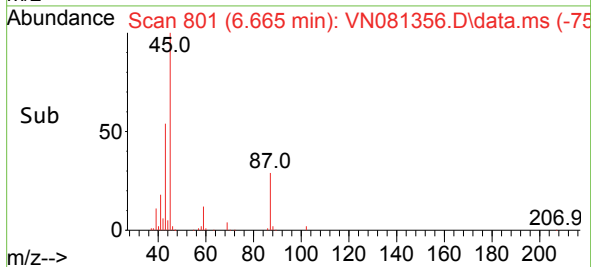
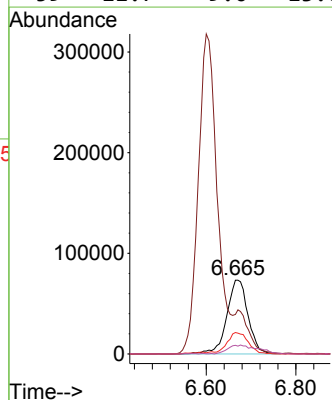
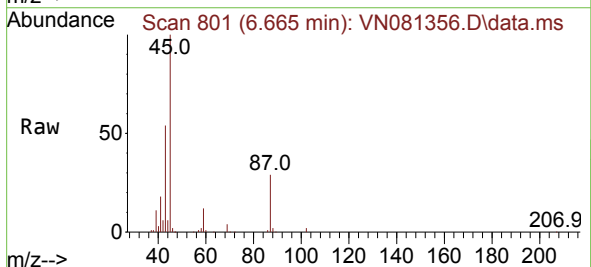
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

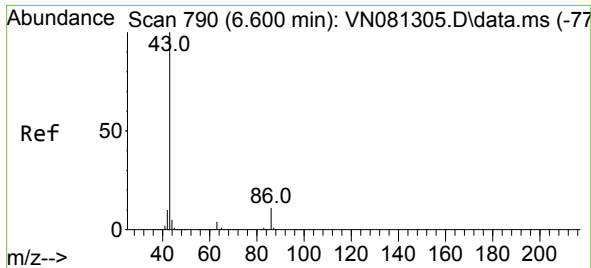
Tgt Ion: 96 Resp: 72660
Ion Ratio Lower Upper
96 100
61 131.4 112.8 169.2
98 63.2 51.0 76.4



#22
Diisopropyl ether
Concen: 21.288 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 45 Resp: 241700
Ion Ratio Lower Upper
45 100
43 52.7 41.8 62.8
87 29.2 18.1 27.1#
59 11.7 9.0 13.6

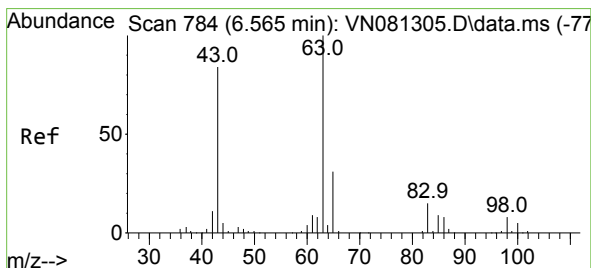
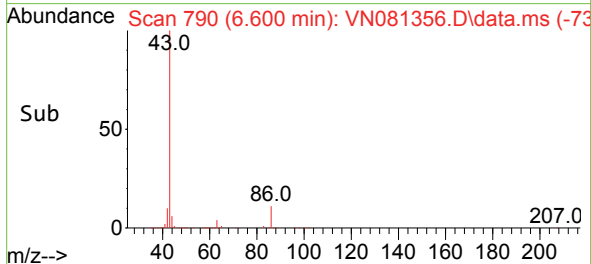
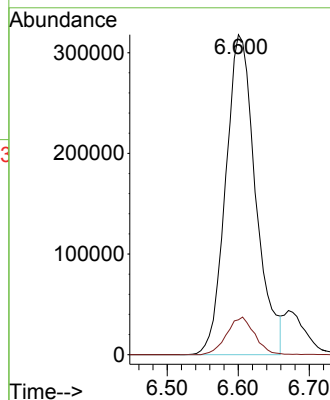
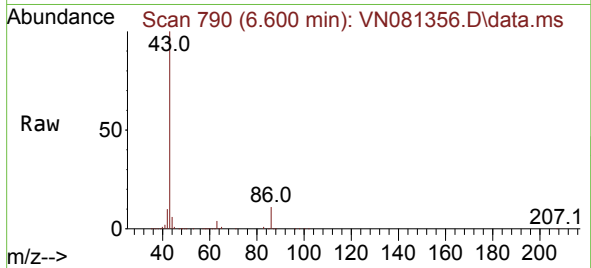




#23
 Vinyl Acetate
 Concen: 101.174 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081356.D
 Acq: 11 Mar 2024 12:17

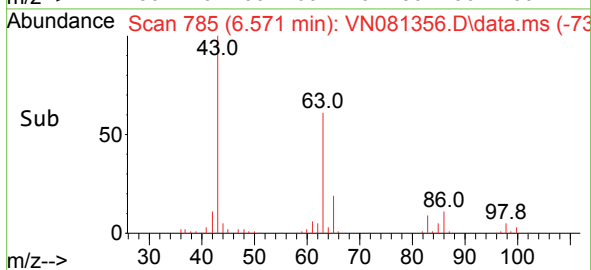
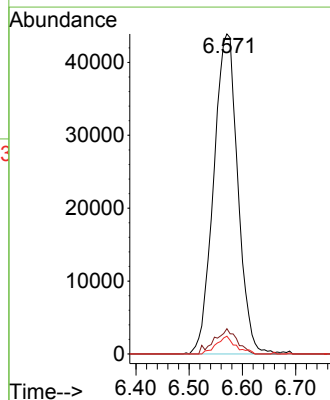
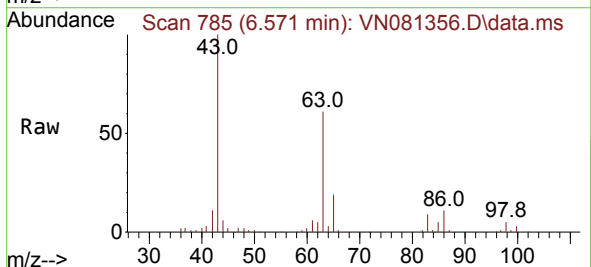
Instrument :
 MSVOA_N
 ClientSampleId :
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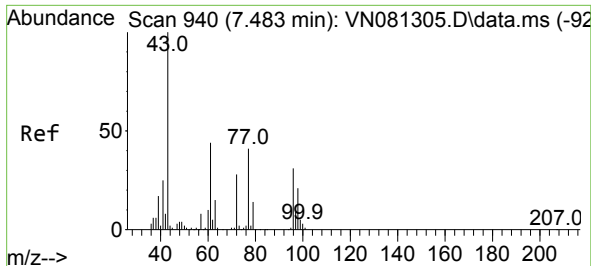
Tgt Ion: 43 Resp: 933182
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.908 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081356.D
 Acq: 11 Mar 2024 12:17

Tgt Ion: 63 Resp: 138358
 Ion Ratio Lower Upper
 63 100
 98 7.9 2.9 8.6
 100 5.6 1.9 5.7

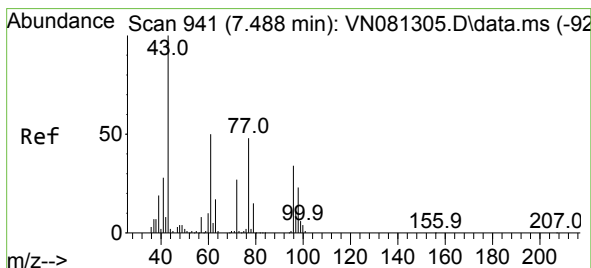
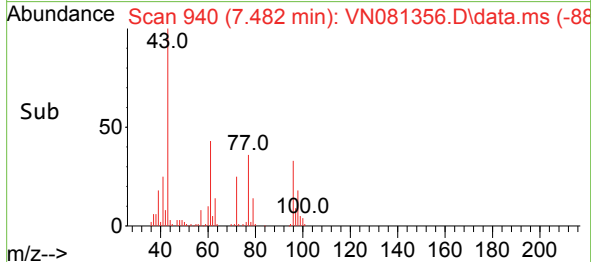
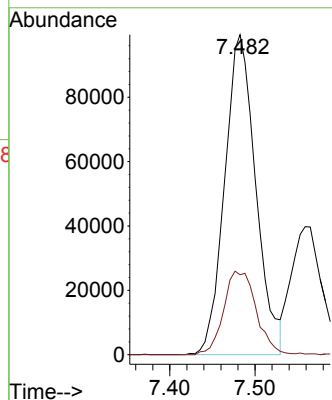
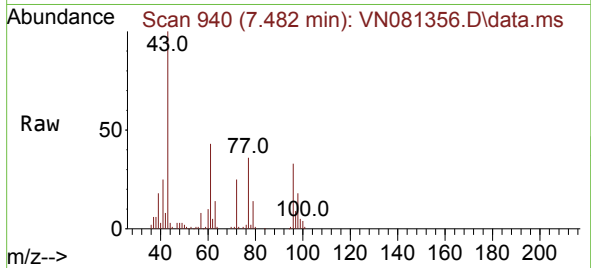




#25
2-Butanone
Concen: 99.570 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

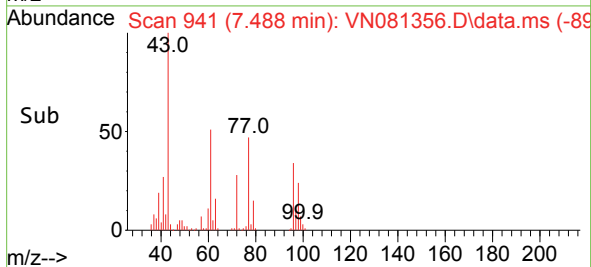
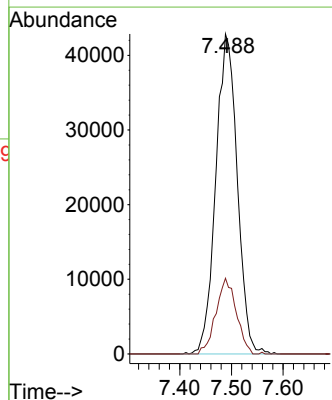
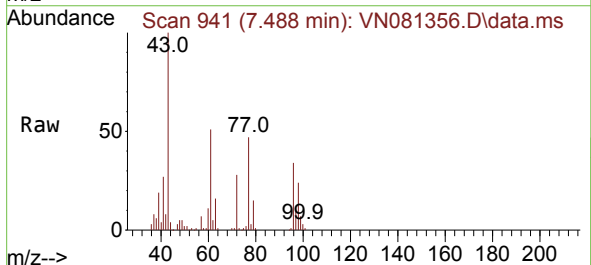
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

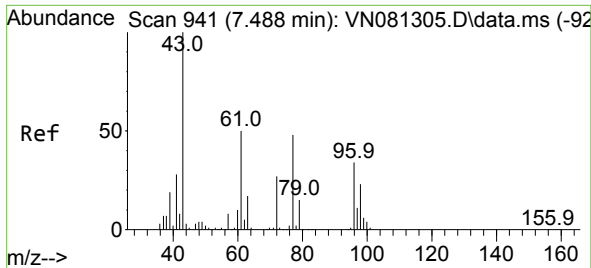
Tgt Ion: 43 Resp: 252477
Ion Ratio Lower Upper
43 100
72 25.0 19.5 29.3



#26
2,2-Dichloropropane
Concen: 20.099 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 77 Resp: 123456
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.5

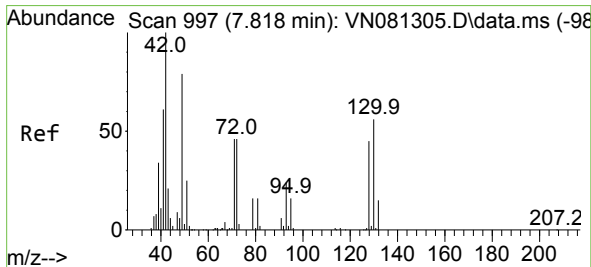
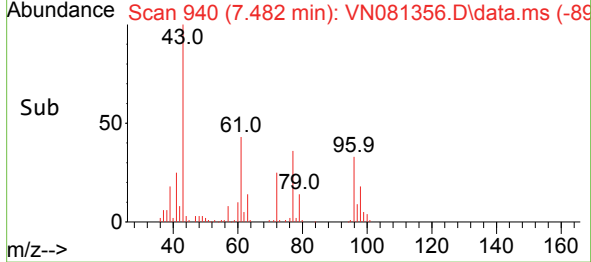
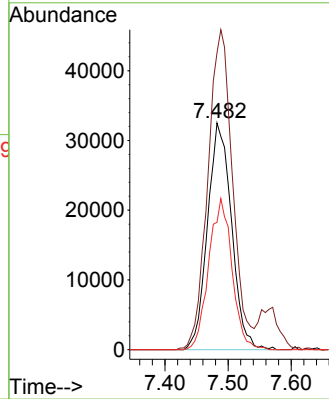
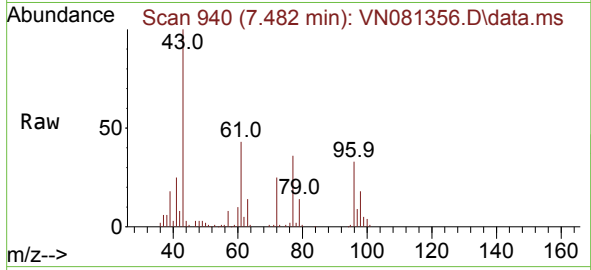




#27
cis-1,2-Dichloroethene
Concen: 19.547 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

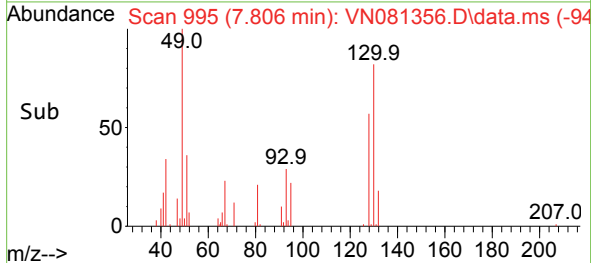
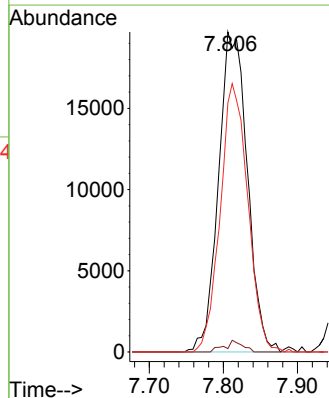
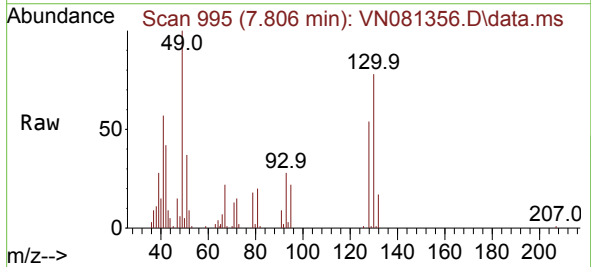
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

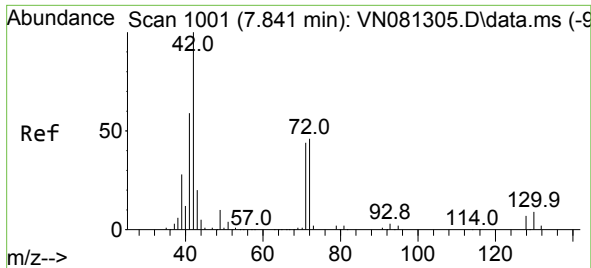
Tgt Ion: 96 Resp: 86059
Ion Ratio Lower Upper
96 100
61 144.8 0.0 325.4
98 64.5 0.0 130.4



#28
Bromochloromethane
Concen: 17.859 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.012 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 49 Resp: 53109
Ion Ratio Lower Upper
49 100
129 2.2 0.0 1.6#
130 80.4 42.3 63.5#

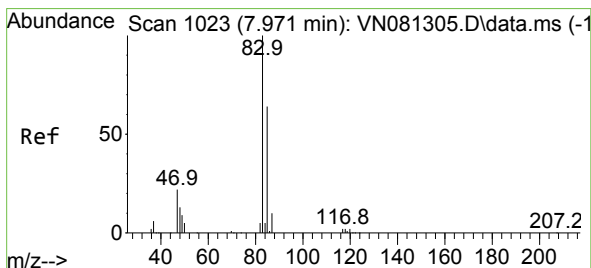
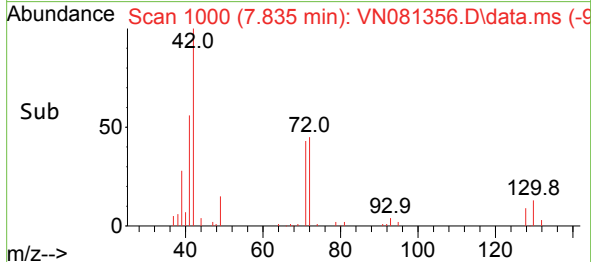
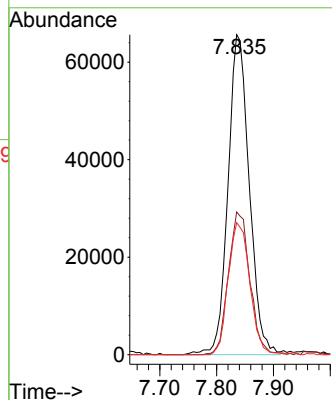
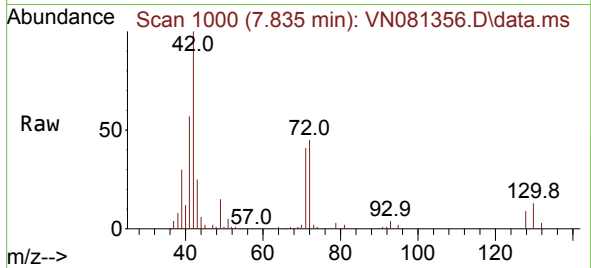




#29
Tetrahydrofuran
Concen: 98.738 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

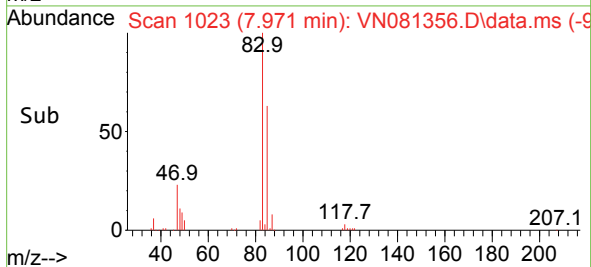
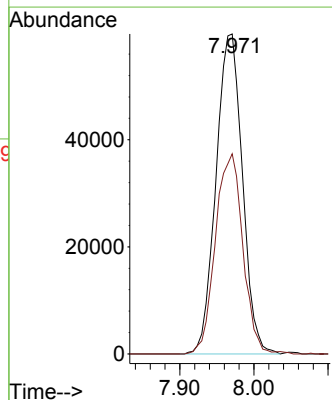
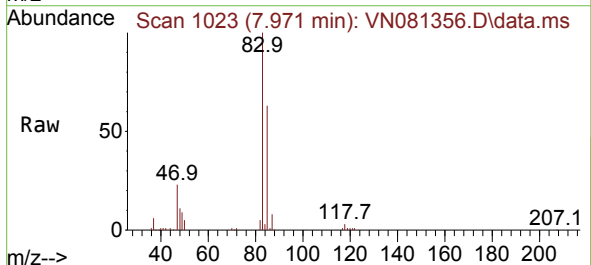
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

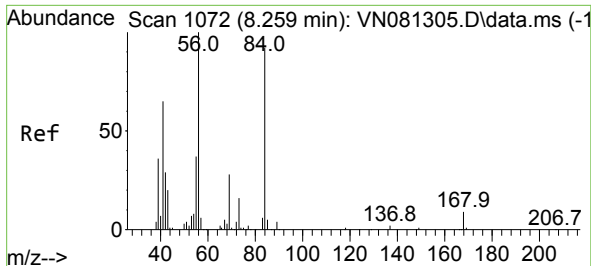
Tgt Ion: 42 Resp: 170725
Ion Ratio Lower Upper
42 100
72 45.0 31.1 46.7
71 41.8 28.3 42.5



#30
Chloroform
Concen: 20.550 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 83 Resp: 148213
Ion Ratio Lower Upper
83 100
85 62.6 51.0 76.6

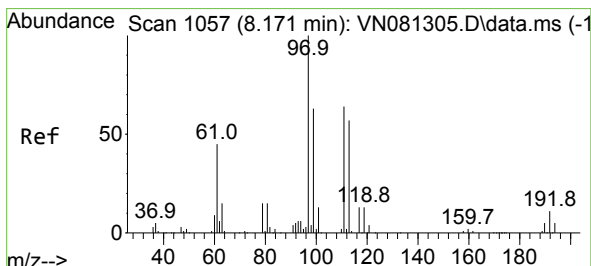
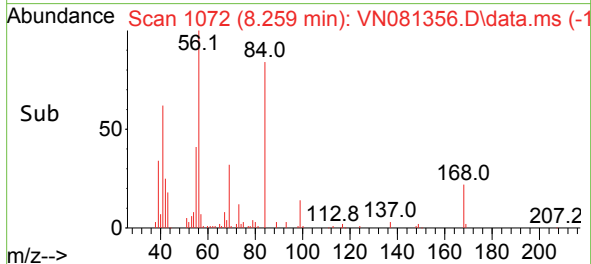
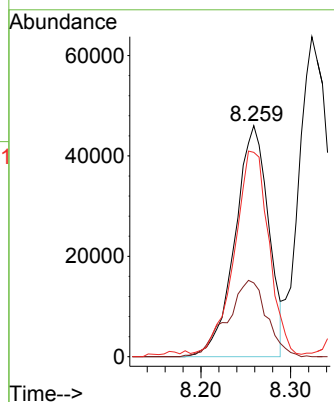
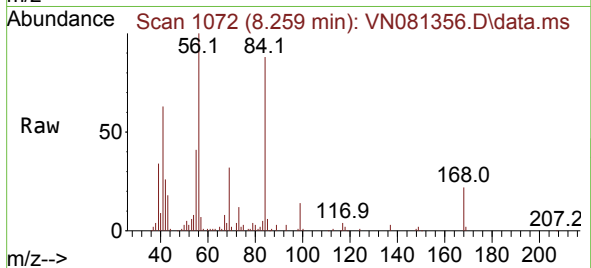




#31
Cyclohexane
Concen: 18.465 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

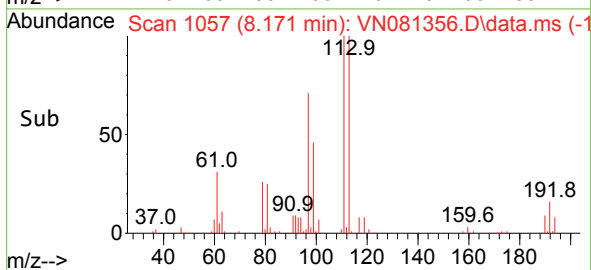
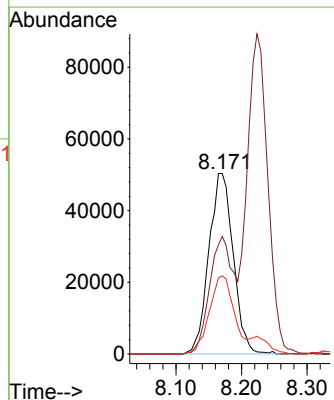
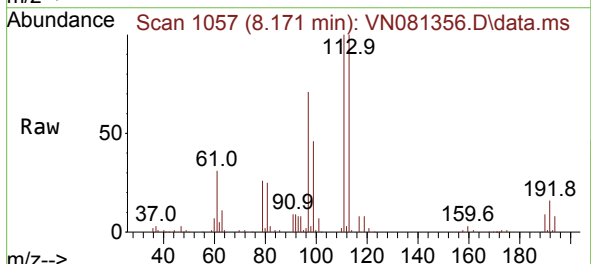
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

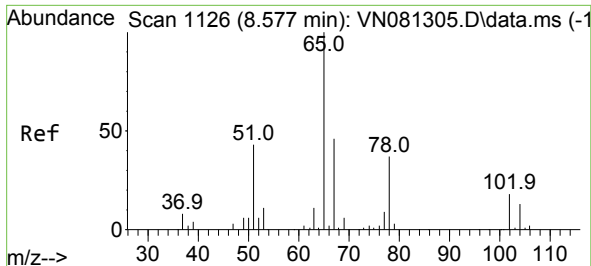
Tgt Ion: 56 Resp: 119466
Ion Ratio Lower Upper
56 100
69 32.0 20.1 30.1#
84 87.2 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 20.396 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 97 Resp: 130028
Ion Ratio Lower Upper
97 100
99 64.6 53.4 80.0
61 43.5 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 52.863 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

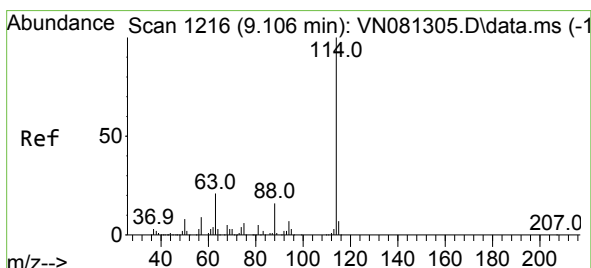
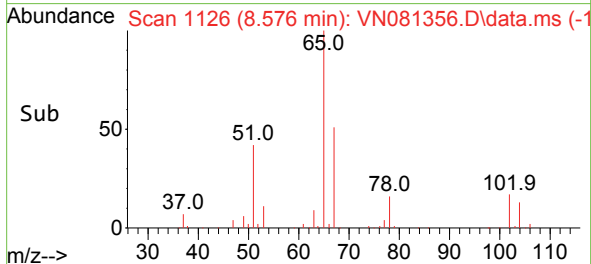
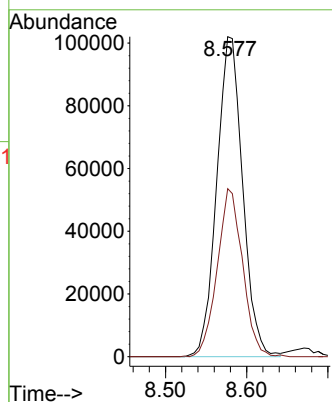
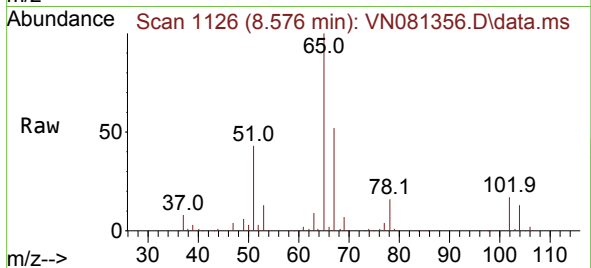
VN0311WBS01

Tgt Ion: 65 Resp: 225910

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

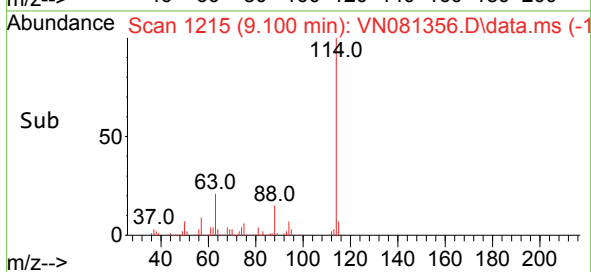
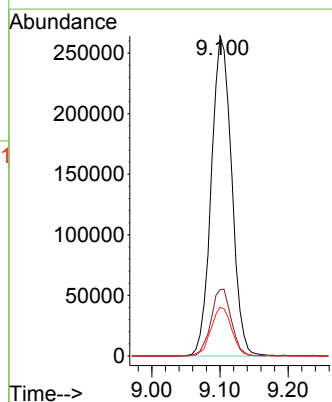
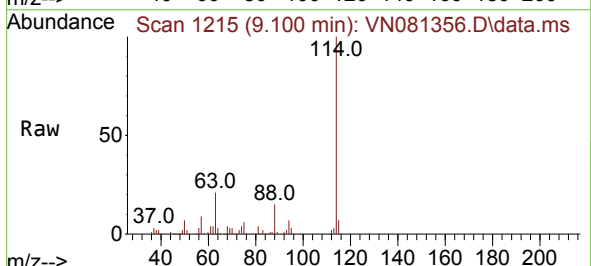
Tgt Ion: 114 Resp: 548745

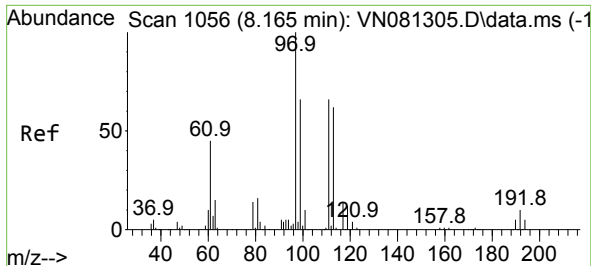
Ion Ratio Lower Upper

114 100

63 20.7 0.0 48.0

88 15.2 0.0 34.8

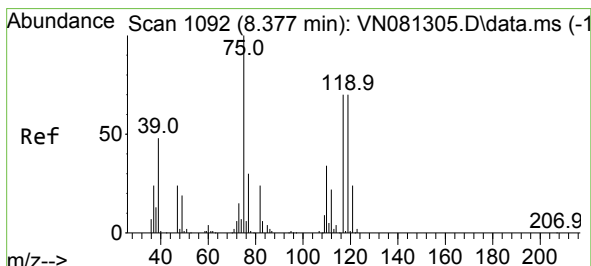
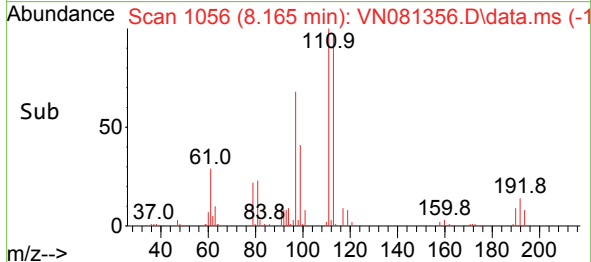
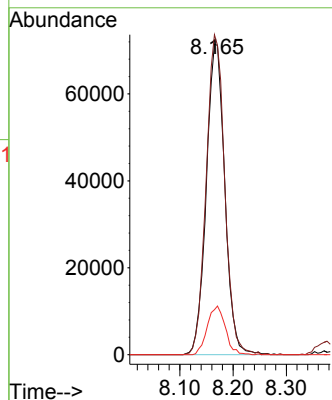
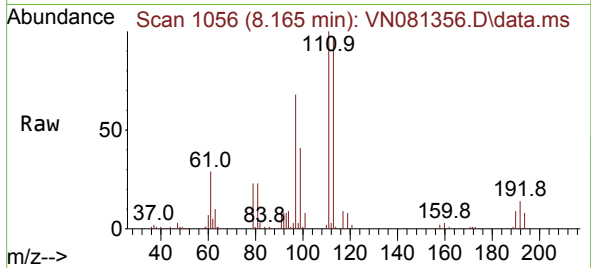




#35
Dibromofluoromethane
Concen: 51.448 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

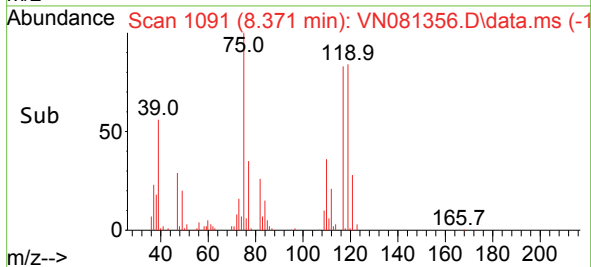
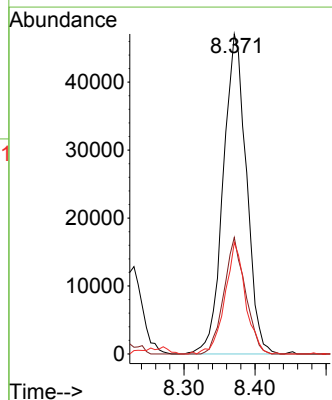
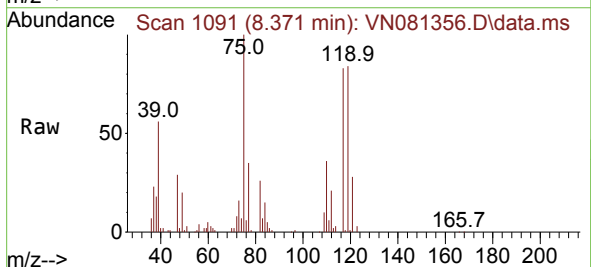
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

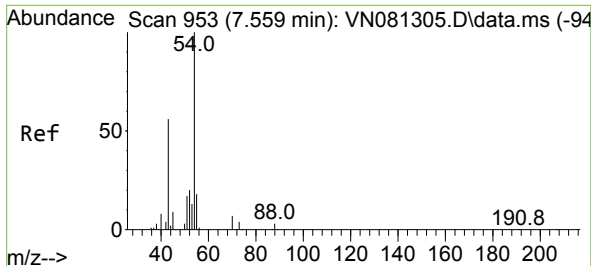
Tgt Ion:113 Resp: 172967
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 15.2 12.5 18.7



#36
1,1-Dichloropropene
Concen: 19.660 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 75 Resp: 106632
Ion Ratio Lower Upper
75 100
110 33.6 16.0 48.0
77 31.0 25.8 38.6

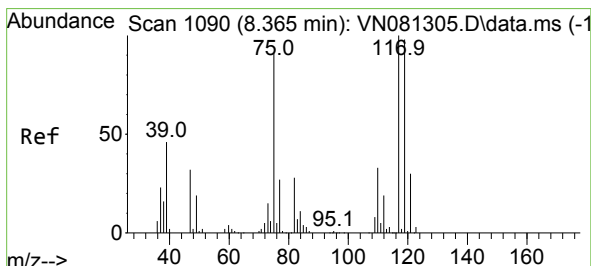
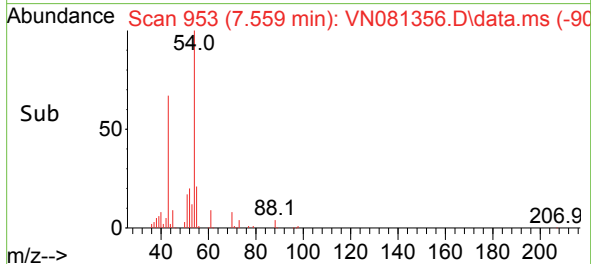
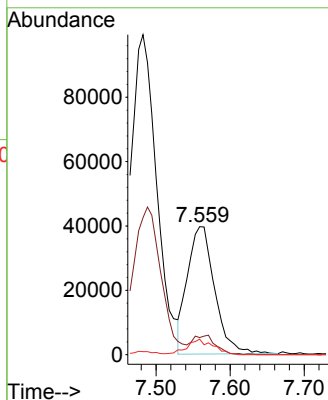
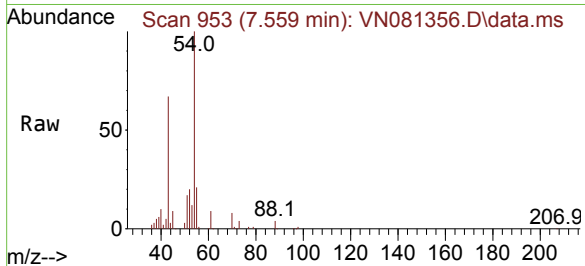




#37
Ethyl Acetate
Concen: 19.072 ug/l
RT: 7.559 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

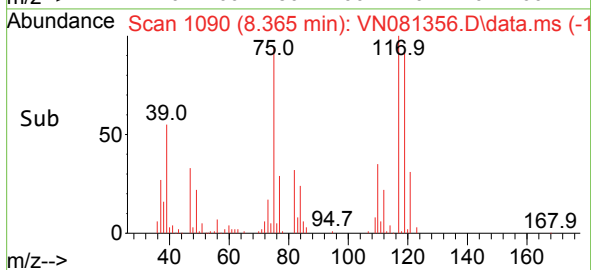
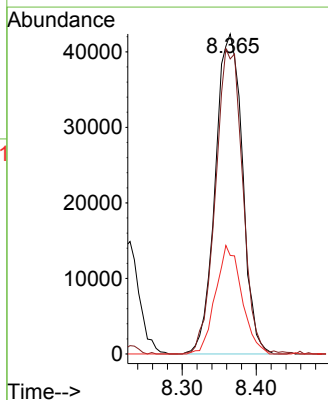
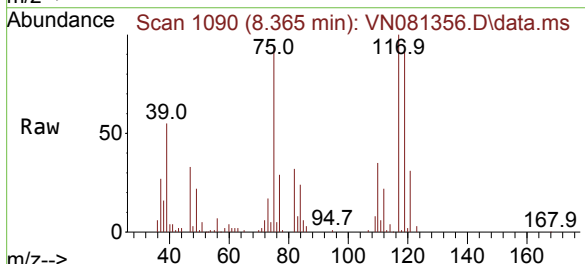
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

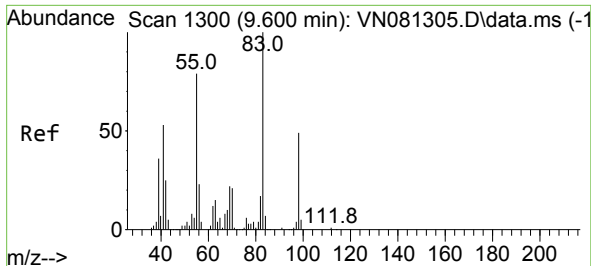
Tgt Ion: 43 Resp: 101122
Ion Ratio Lower Upper
43 100
61 12.9 10.6 15.8
70 11.7 8.0 12.0



#38
Carbon Tetrachloride
Concen: 19.713 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 117 Resp: 107610
Ion Ratio Lower Upper
117 100
119 92.2 73.4 110.2
121 30.8 24.4 36.6





#39

Methylcyclohexane

Concen: 19.077 ug/l

RT: 9.600 min Scan# 119082

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

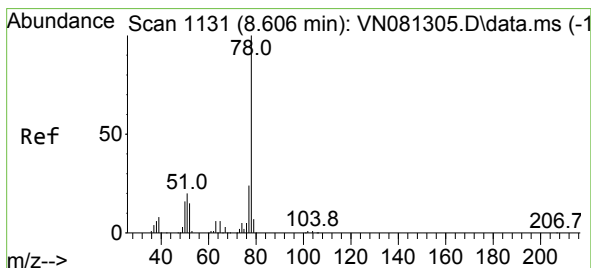
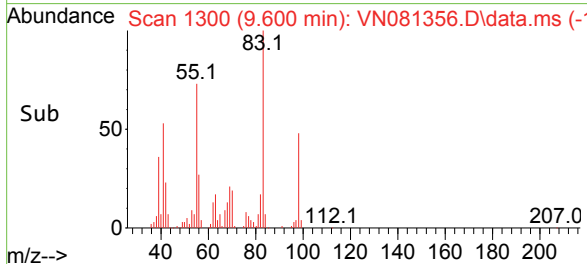
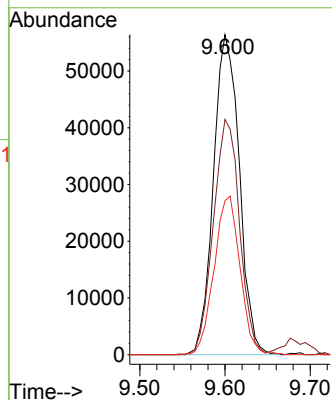
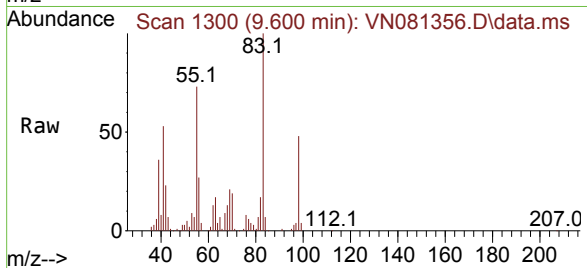
Tgt Ion: 83 Resp: 119082

Ion Ratio Lower Upper

83 100

55 73.2 65.7 98.5

98 48.1 33.8 50.6



#40

Benzene

Concen: 19.238 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081356.D

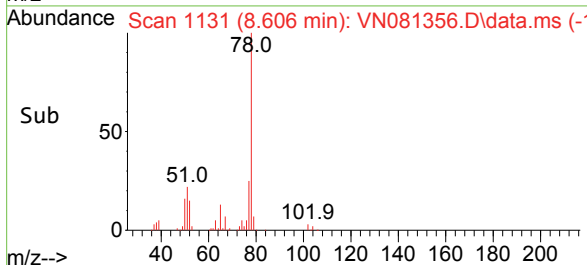
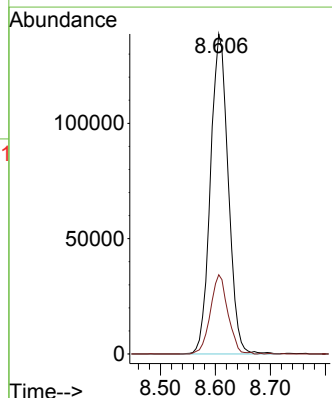
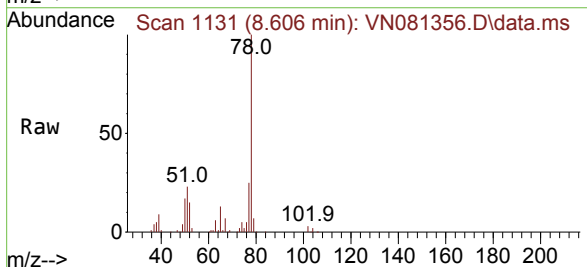
Acq: 11 Mar 2024 12:17

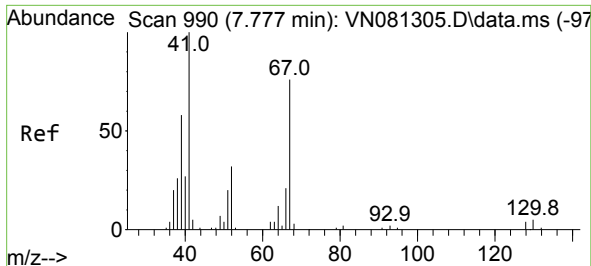
Tgt Ion: 78 Resp: 311458

Ion Ratio Lower Upper

78 100

77 24.7 20.4 30.6

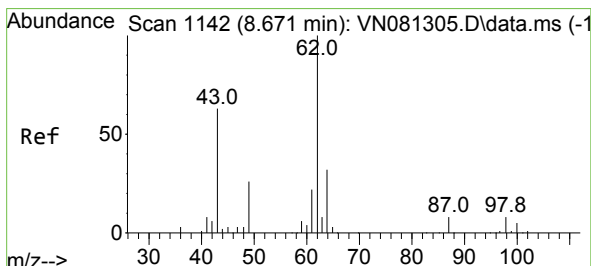
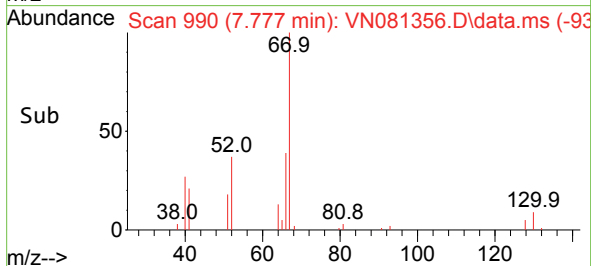
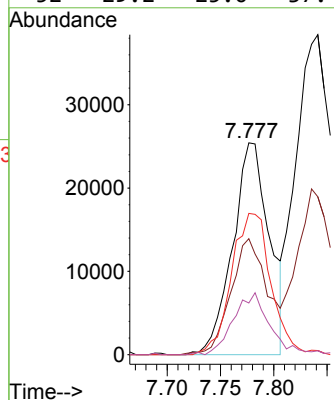
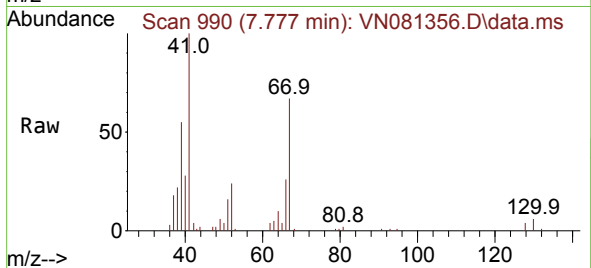




#41
Methacrylonitrile
Concen: 20.350 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

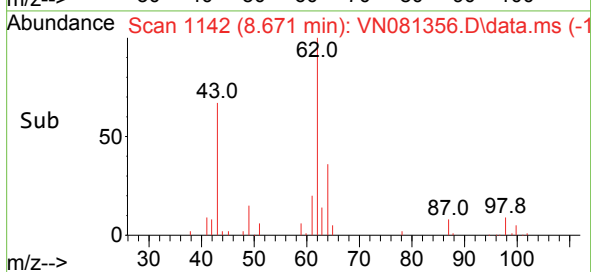
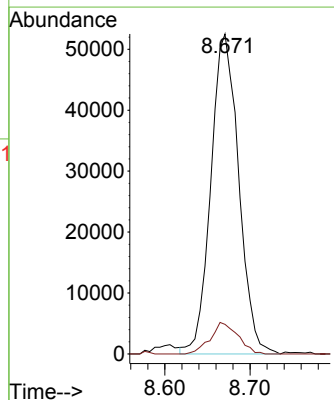
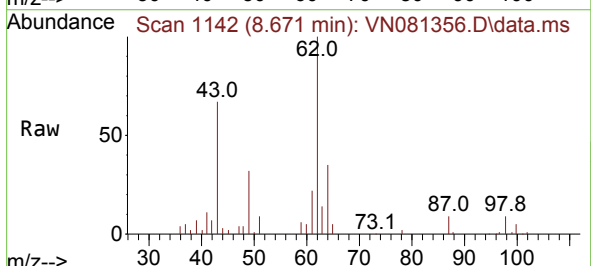
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

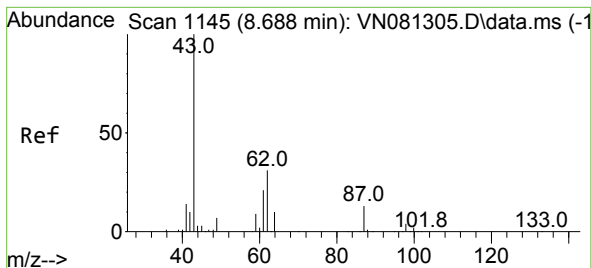
Tgt Ion:	41	Resp:	60931
Ion	Ratio	Lower	Upper
41	100		
39	55.1	48.4	72.6
67	71.8	56.8	85.2
52	29.2	25.0	37.4



#42
1,2-Dichloroethane
Concen: 20.904 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion:	62	Resp:	119325
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.0





#43

Isopropyl Acetate

Concen: 19.276 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

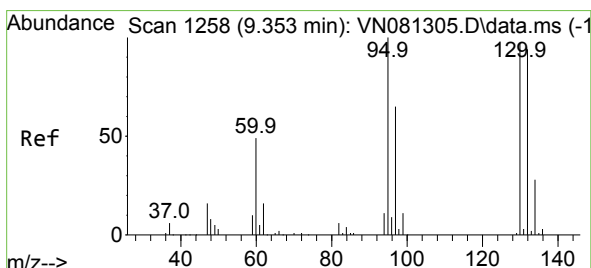
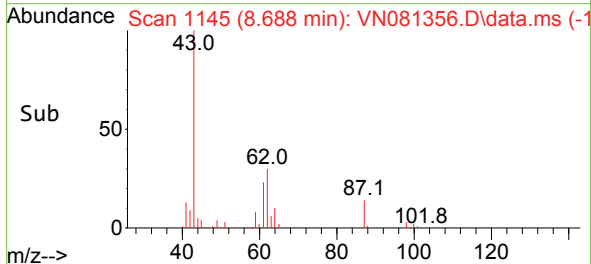
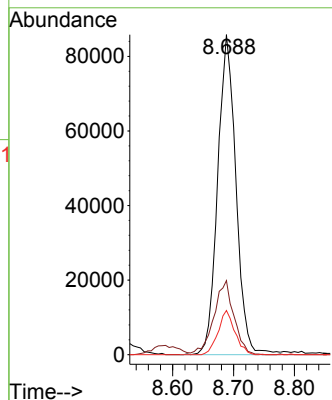
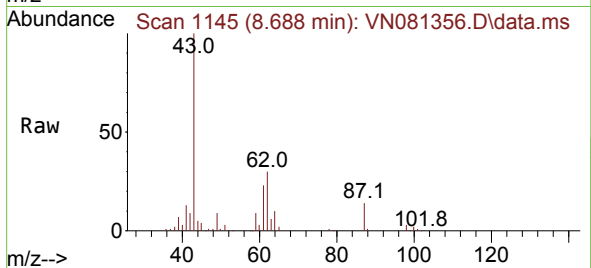
Tgt Ion: 43 Resp: 178885

Ion Ratio Lower Upper

43 100

61 25.3 19.9 29.9

87 12.7 9.0 13.6



#44

Trichloroethene

Concen: 19.723 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN081356.D

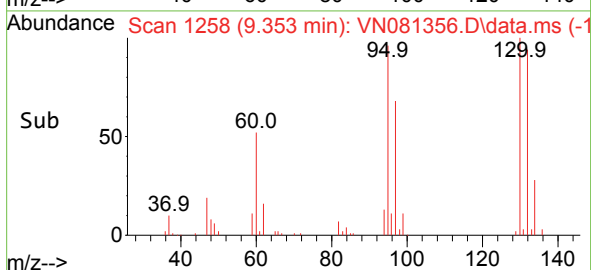
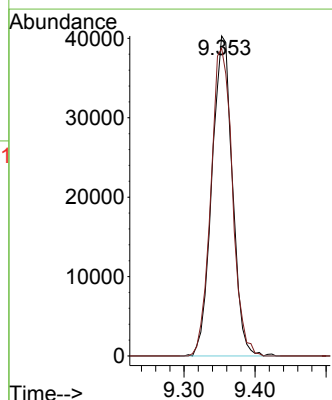
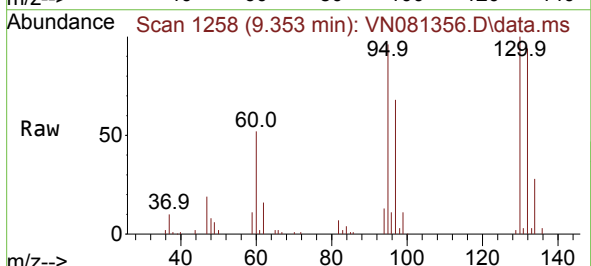
Acq: 11 Mar 2024 12:17

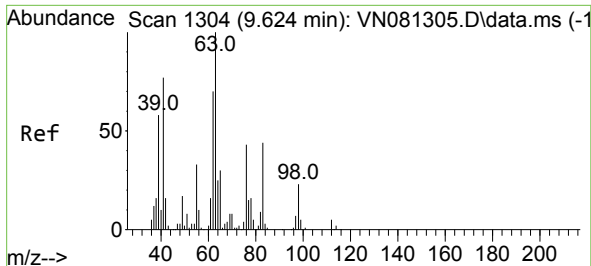
Tgt Ion:130 Resp: 80533

Ion Ratio Lower Upper

130 100

95 96.1 0.0 210.4

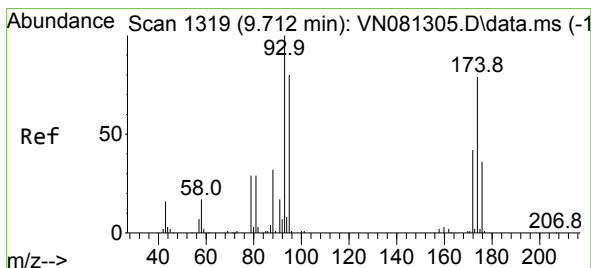
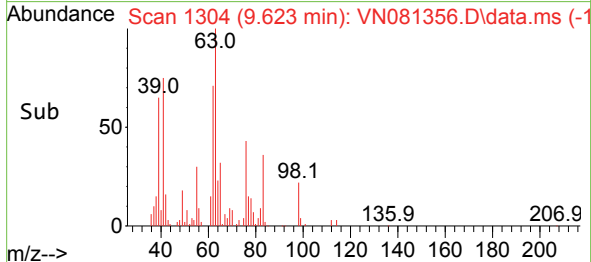
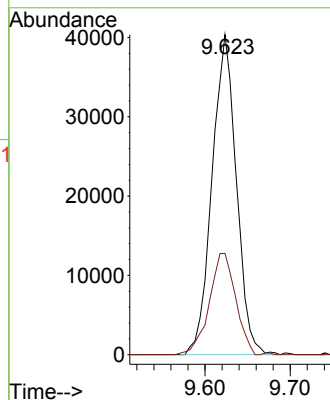
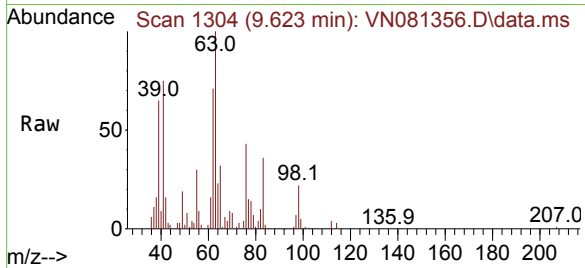




#45
1,2-Dichloropropane
Concen: 19.684 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

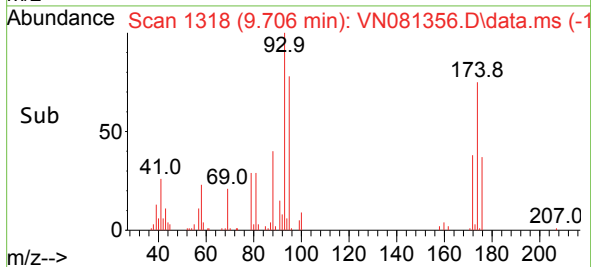
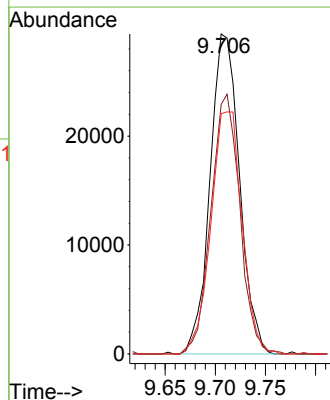
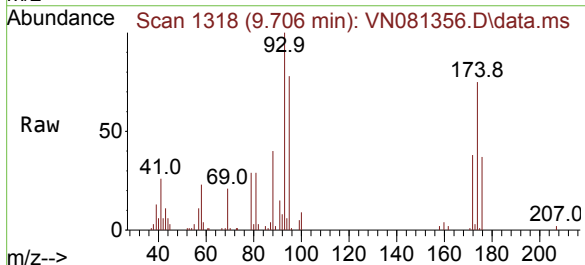
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

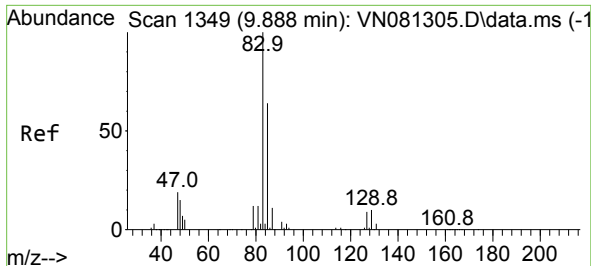
Tgt Ion: 63 Resp: 80053
Ion Ratio Lower Upper
63 100
65 31.7 26.1 39.1



#46
Dibromomethane
Concen: 20.900 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 93 Resp: 59912
Ion Ratio Lower Upper
93 100
95 79.7 68.1 102.1
174 80.0 57.2 85.8





#47

Bromodichloromethane

Concen: 20.449 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

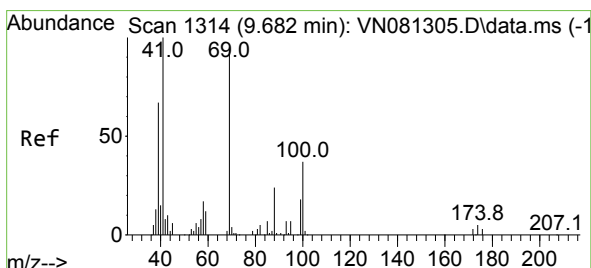
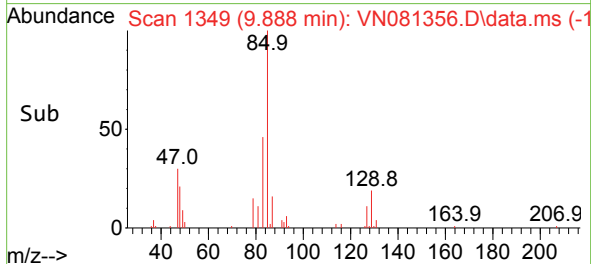
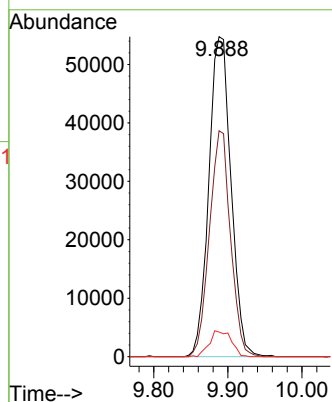
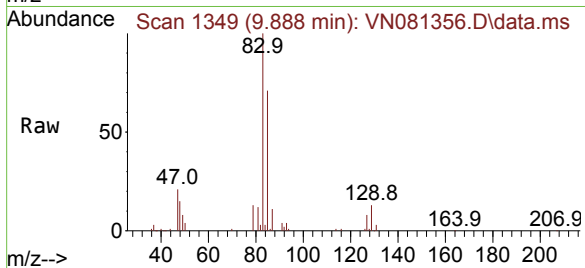
Tgt Ion: 83 Resp: 113803

Ion Ratio Lower Upper

83 100

85 70.6 52.3 78.5

127 7.7 4.6 7.0#



#48

Methyl methacrylate

Concen: 20.380 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

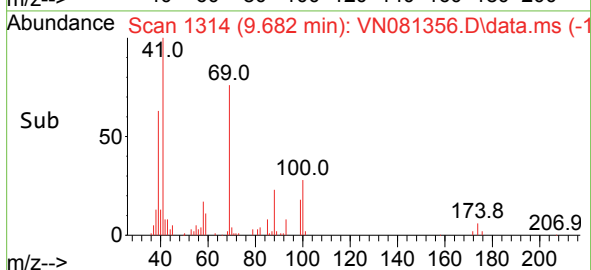
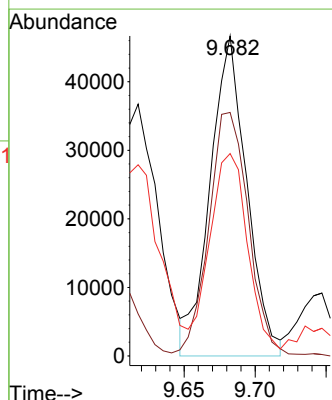
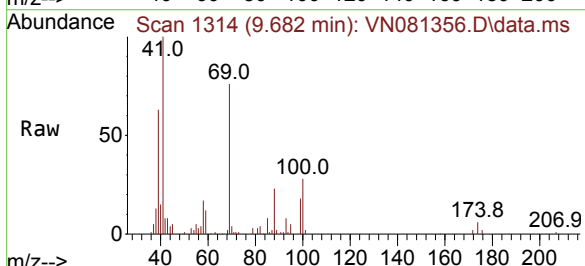
Tgt Ion: 41 Resp: 83600

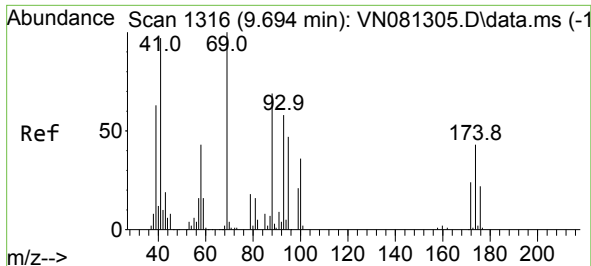
Ion Ratio Lower Upper

41 100

69 82.8 62.2 93.2

39 66.3 47.6 71.4





#49

1,4-Dioxane

Concen: 384.248 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

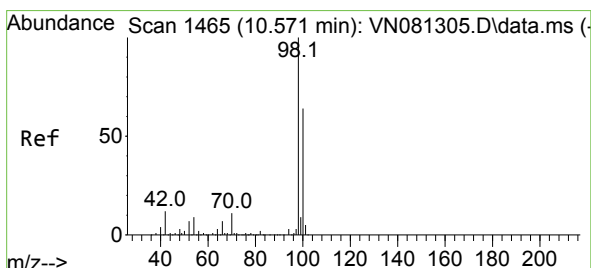
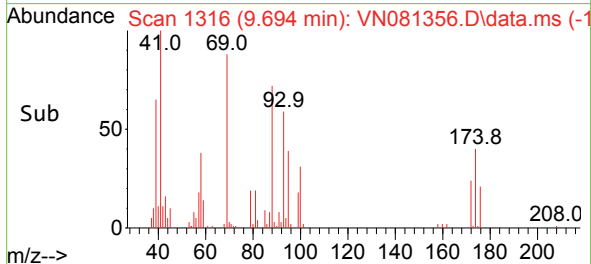
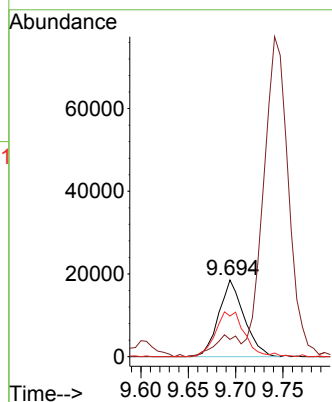
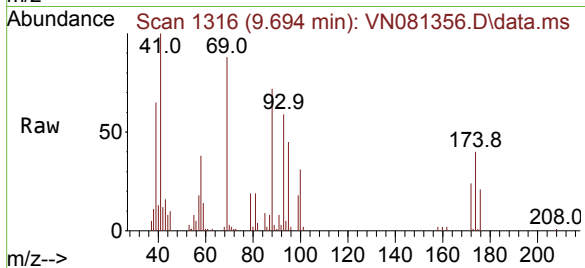
Tgt Ion: 88 Resp: 34741

Ion Ratio Lower Upper

88 100

43 27.3 30.1 45.1#

58 66.9 63.9 95.9



#50

Toluene-d8

Concen: 51.606 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081356.D

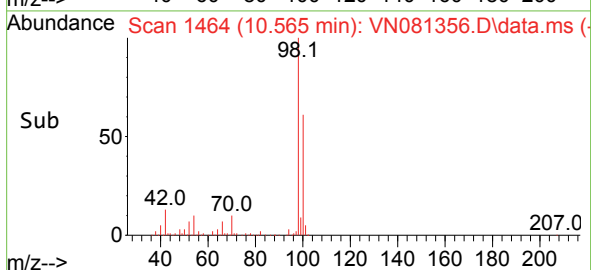
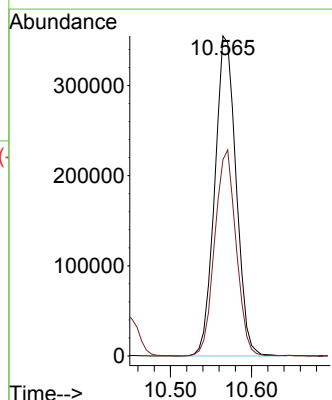
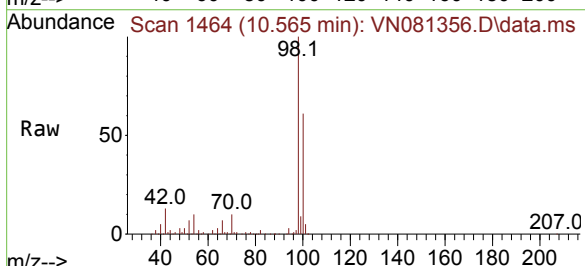
Acq: 11 Mar 2024 12:17

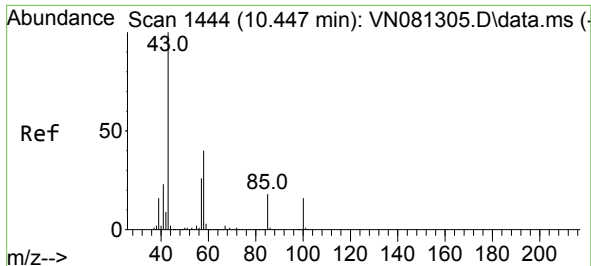
Tgt Ion: 98 Resp: 648571

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0

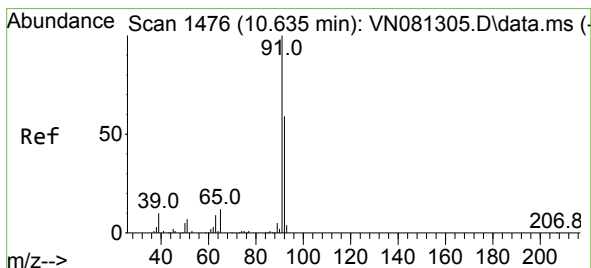
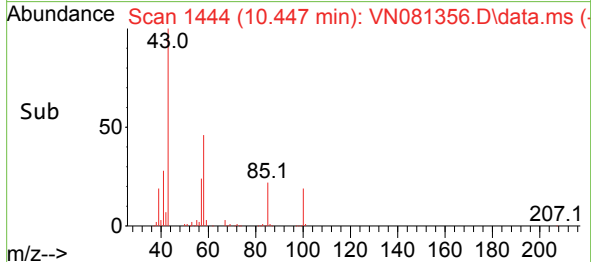
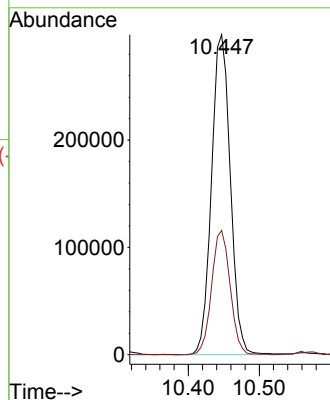
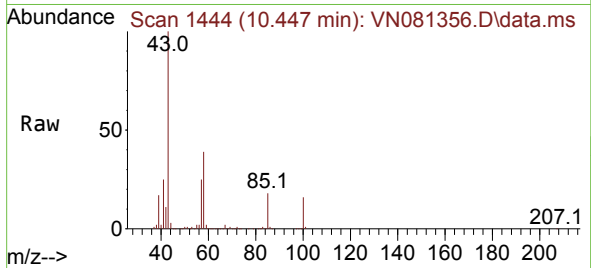




#51
4-Methyl-2-Pentanone
Concen: 102.021 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

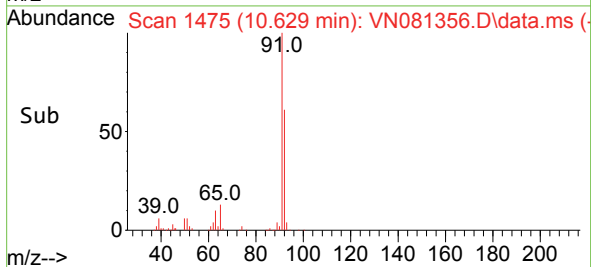
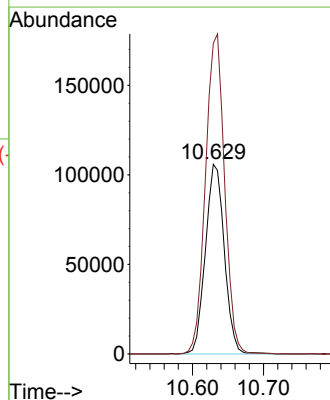
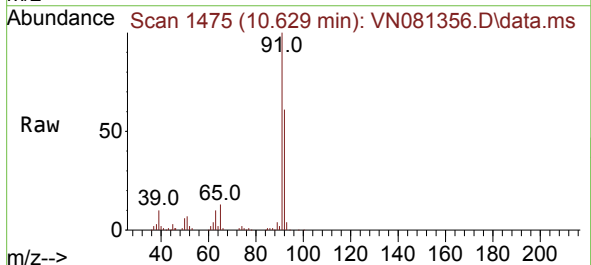
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

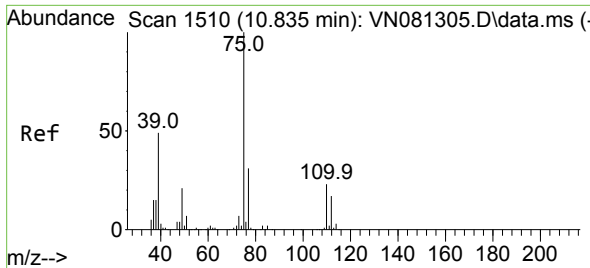
Tgt Ion: 43 Resp: 549740
Ion Ratio Lower Upper
43 100
58 38.1 29.4 44.0



#52
Toluene
Concen: 20.073 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 92 Resp: 196313
Ion Ratio Lower Upper
92 100
91 170.2 139.4 209.0

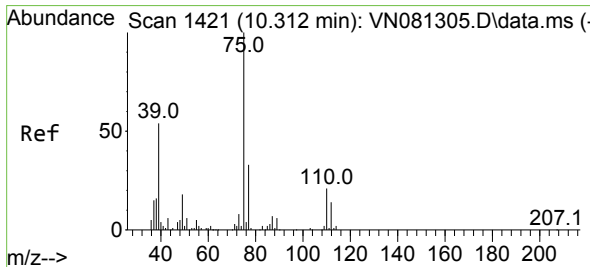
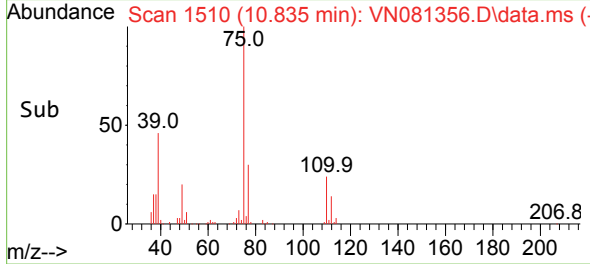
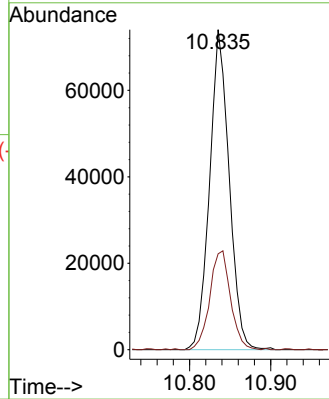
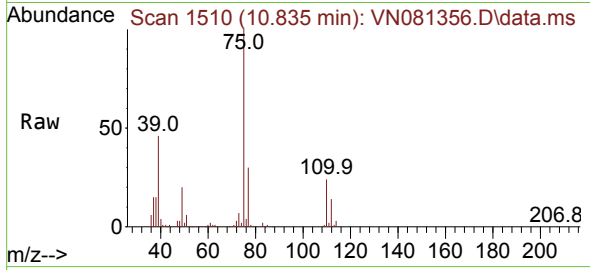




#53
 t-1,3-Dichloropropene
 Concen: 20.546 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081356.D
 Acq: 11 Mar 2024 12:17

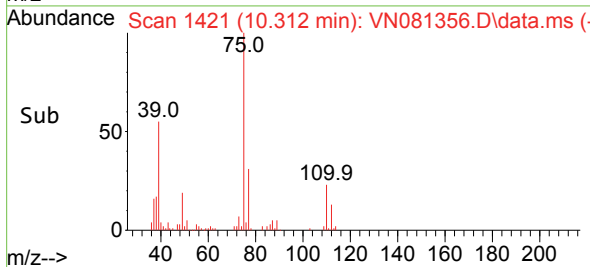
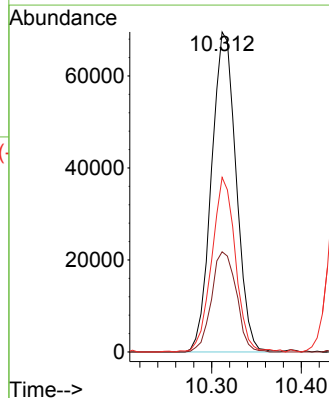
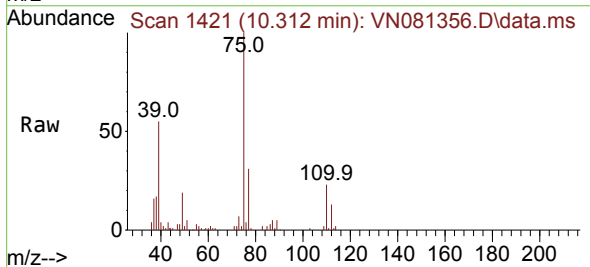
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBS01

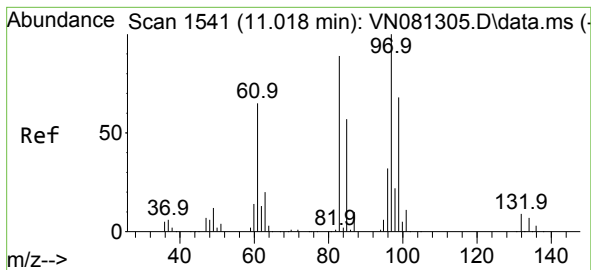
Tgt Ion: 75 Resp: 123716
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.413 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081356.D
 Acq: 11 Mar 2024 12:17

Tgt Ion: 75 Resp: 132688
 Ion Ratio Lower Upper
 75 100
 77 31.3 23.3 34.9
 39 54.2 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 21.712 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

Tgt Ion: 97 Resp: 84205

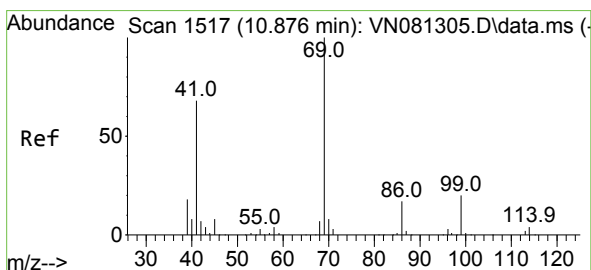
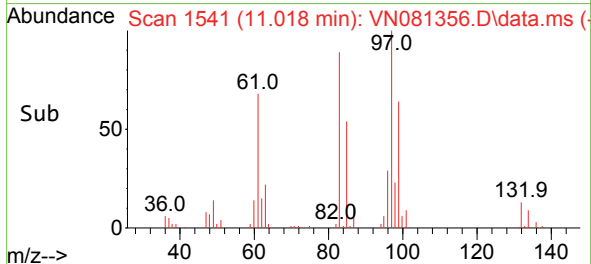
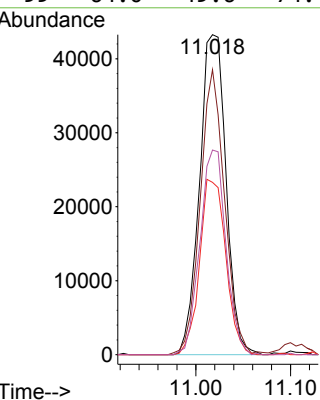
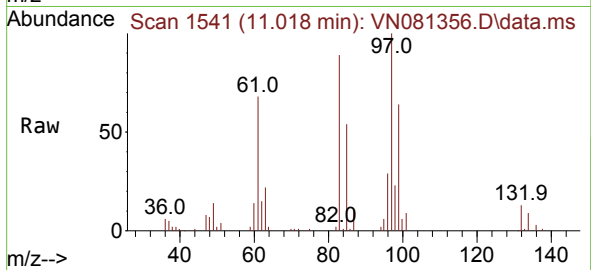
Ion Ratio Lower Upper

97 100

83 89.1 72.9 109.3

85 53.8 50.2 75.2

99 64.0 49.6 74.4



#56

Ethyl methacrylate

Concen: 20.537 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

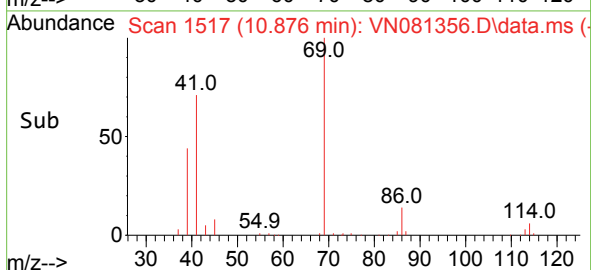
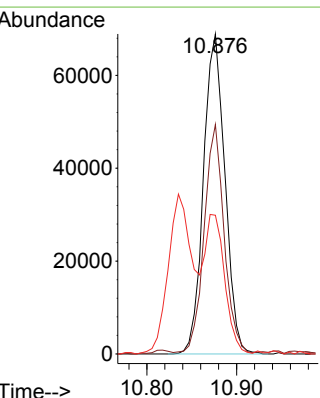
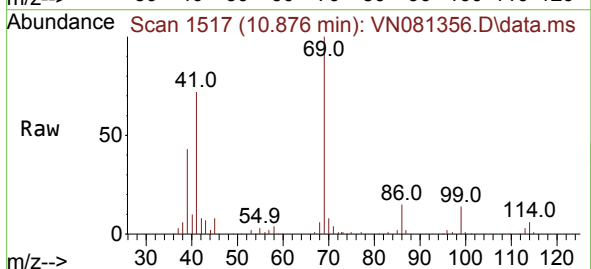
Tgt Ion: 69 Resp: 114370

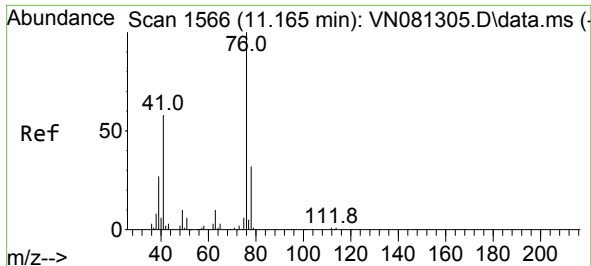
Ion Ratio Lower Upper

69 100

41 66.0 61.0 91.6

39 39.9 31.8 47.6





#57

1,3-Dichloropropane

Concen: 20.128 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

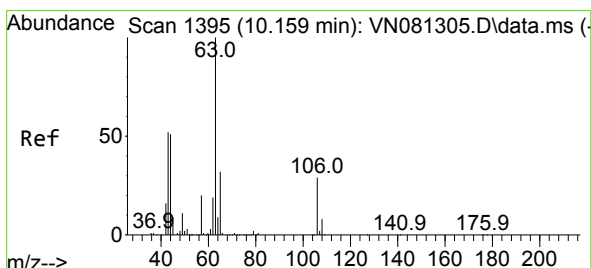
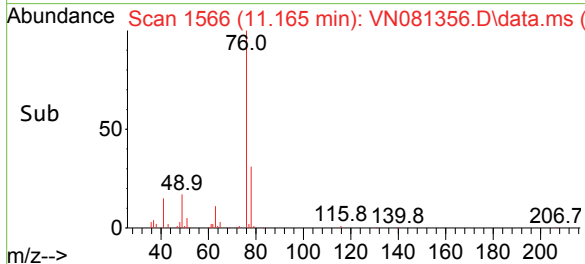
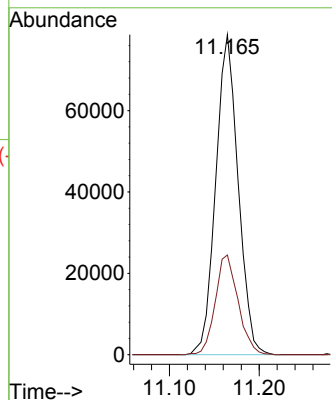
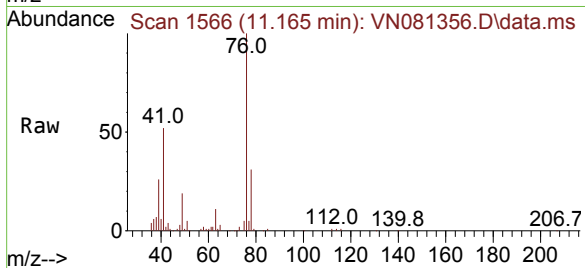
VN0311WBS01

Tgt Ion: 76 Resp: 136240

Ion Ratio Lower Upper

76 100

78 31.7 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 94.576 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081356.D

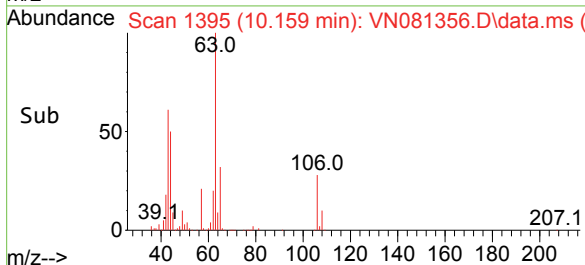
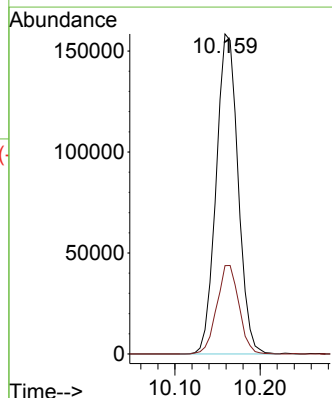
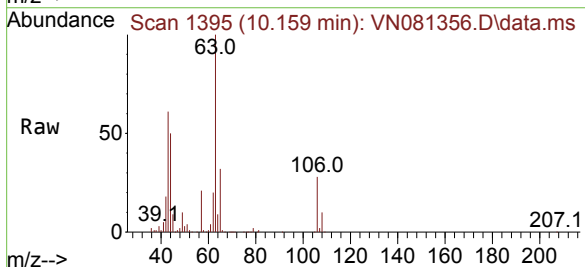
Acq: 11 Mar 2024 12:17

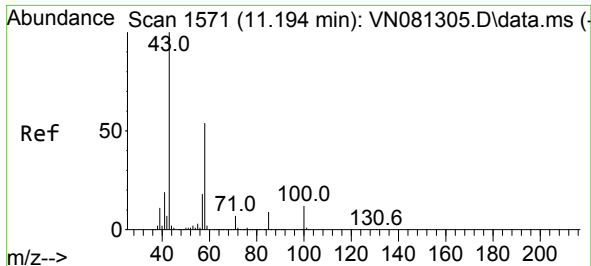
Tgt Ion: 63 Resp: 283308

Ion Ratio Lower Upper

63 100

106 27.9 18.6 28.0

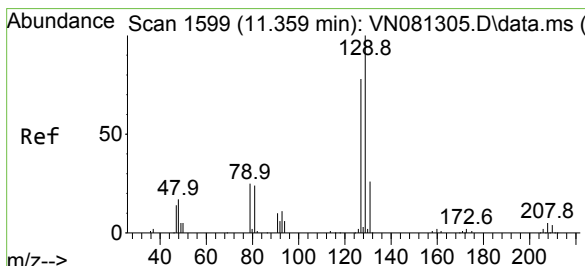
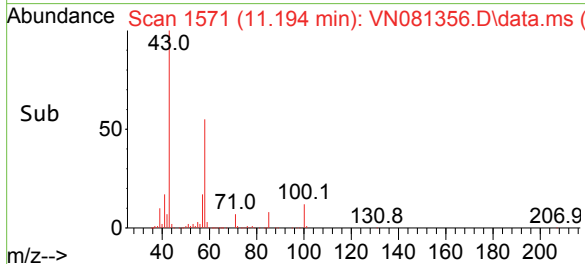
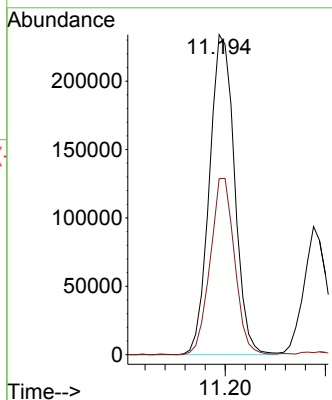
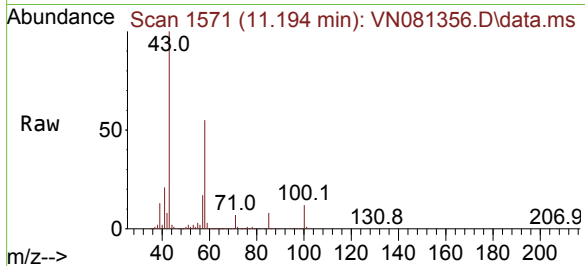




#59
2-Hexanone
Concen: 101.187 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

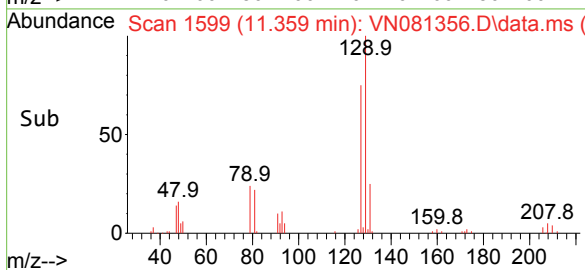
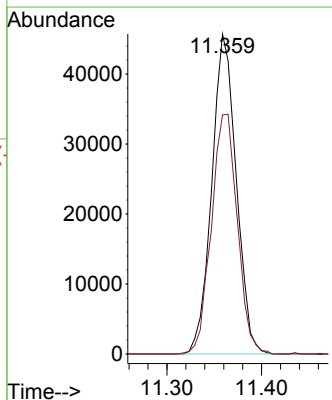
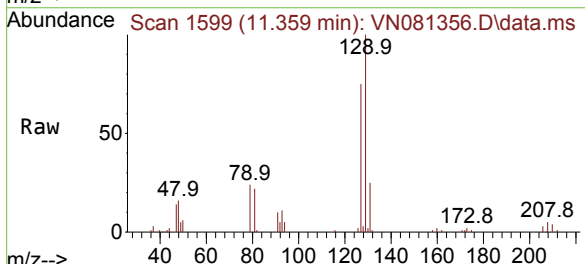
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

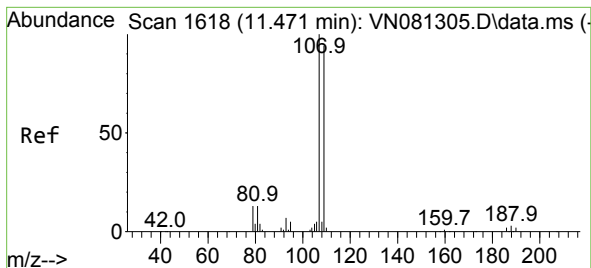
Tgt Ion: 43 Resp: 407617
Ion Ratio Lower Upper
43 100
58 53.5 25.9 77.8



#60
Dibromochloromethane
Concen: 20.540 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 129 Resp: 82039
Ion Ratio Lower Upper
129 100
127 79.6 39.4 118.2

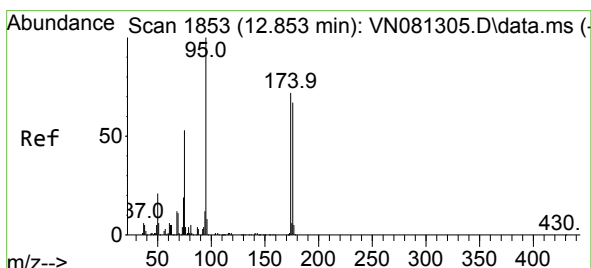
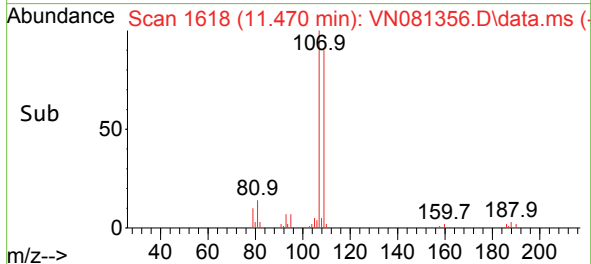
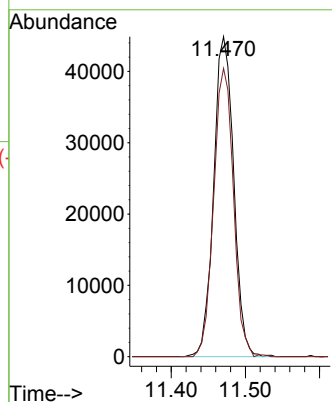
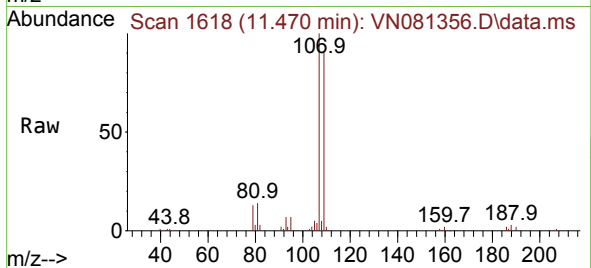




#61
1,2-Dibromoethane
Concen: 20.912 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

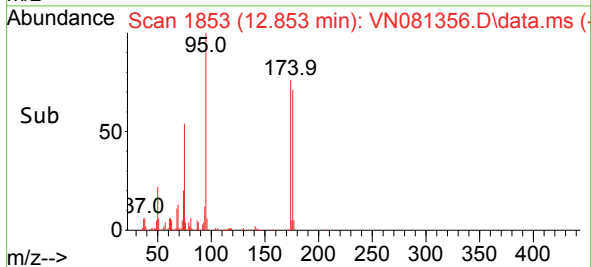
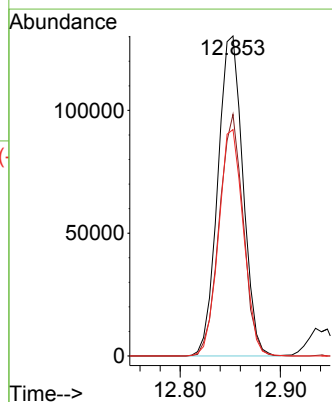
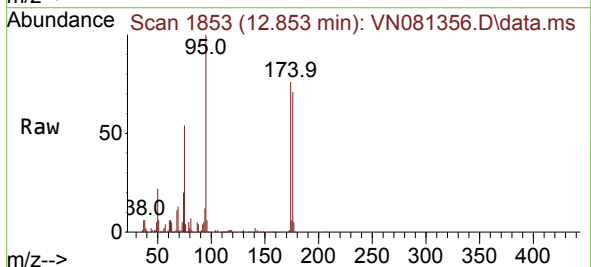
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

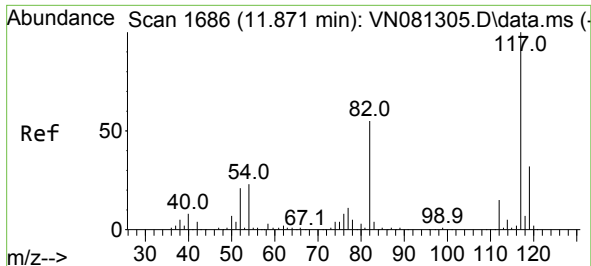
Tgt Ion:107 Resp: 84149
Ion Ratio Lower Upper
107 100
109 89.0 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 51.095 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 95 Resp: 226961
Ion Ratio Lower Upper
95 100
174 71.9 0.0 120.4
176 69.9 0.0 121.0

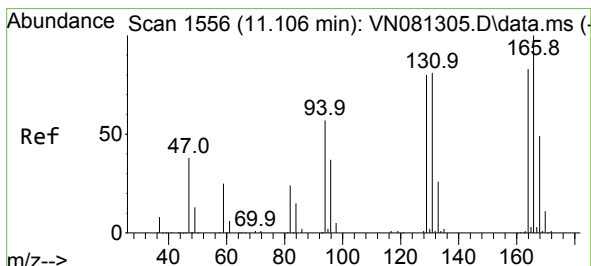
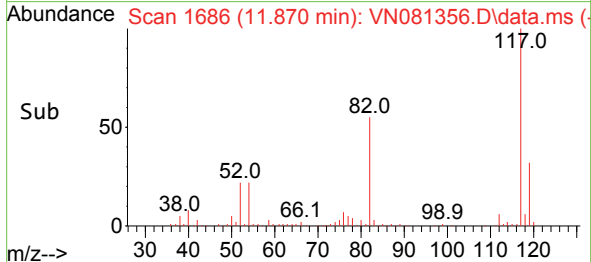
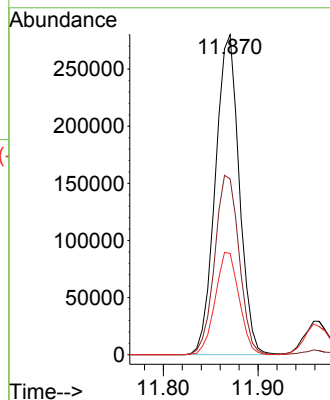
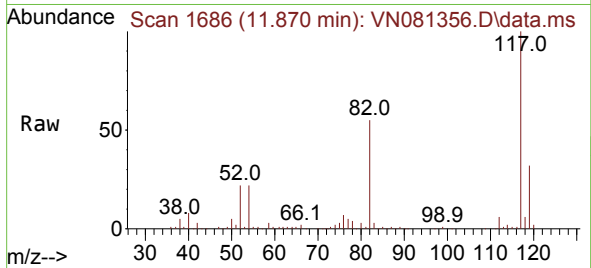




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

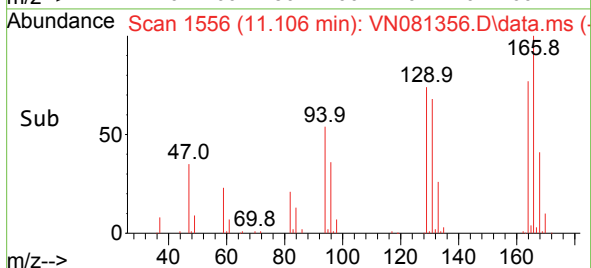
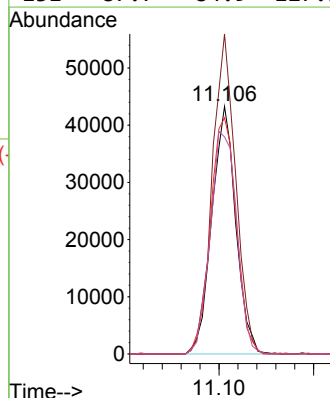
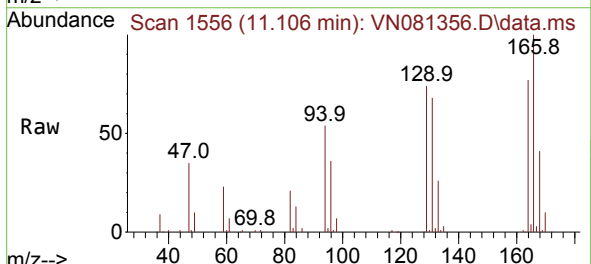
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

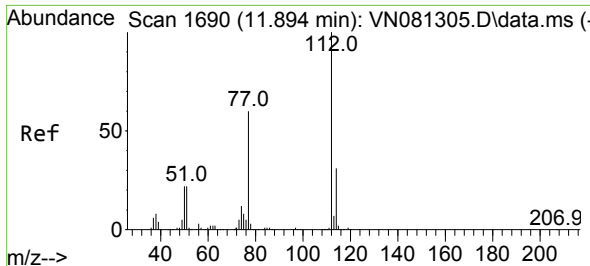
Tgt Ion:117 Resp: 491147
Ion Ratio Lower Upper
117 100
82 54.9 52.7 79.1
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 19.692 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion:164 Resp: 75730
Ion Ratio Lower Upper
164 100
166 129.3 105.8 158.6
129 95.4 89.6 134.4
131 87.7 84.9 127.3

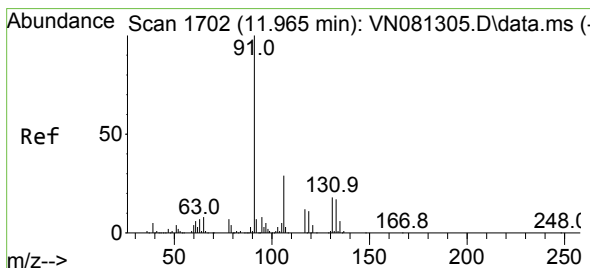
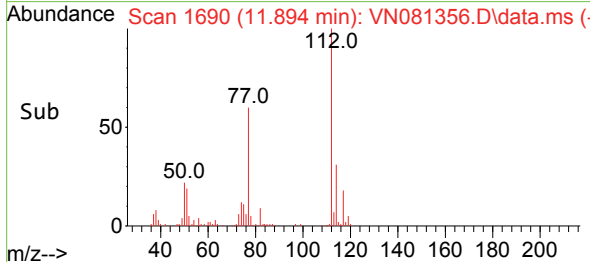
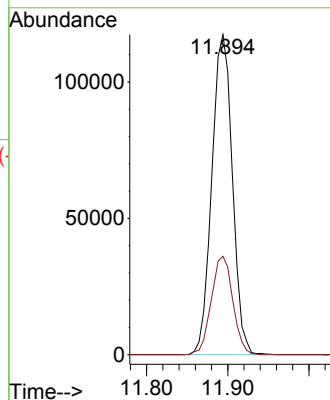
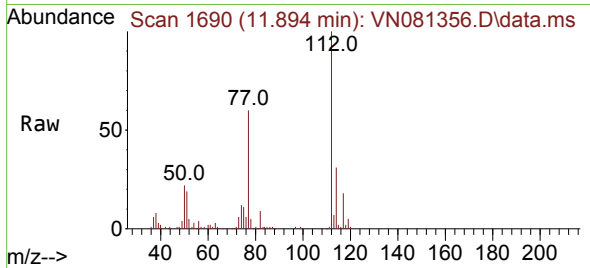




#65
Chlorobenzene
Concen: 19.930 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

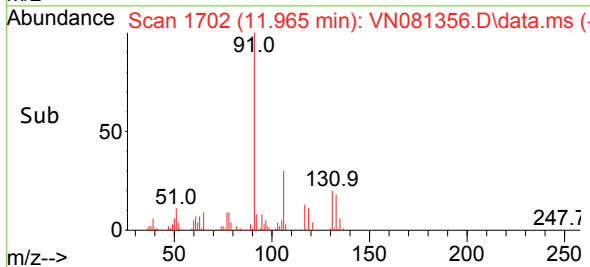
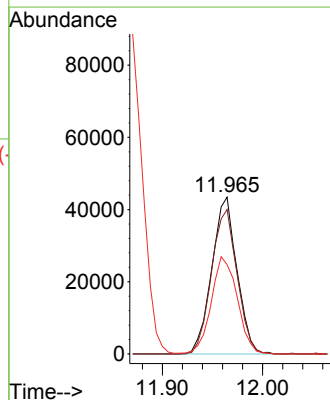
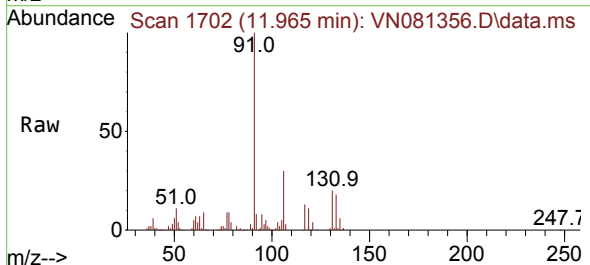
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

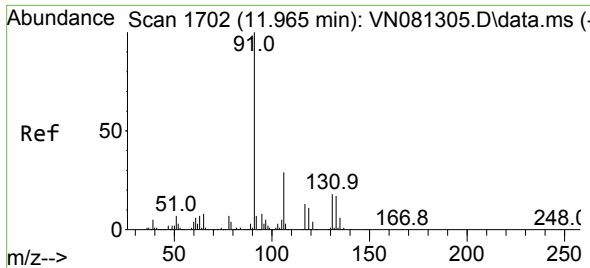
Tgt Ion:112 Resp: 206265
Ion Ratio Lower Upper
112 100
114 30.7 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.960 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion:131 Resp: 75594
Ion Ratio Lower Upper
131 100
133 94.2 46.8 140.3
119 64.2 34.6 103.9

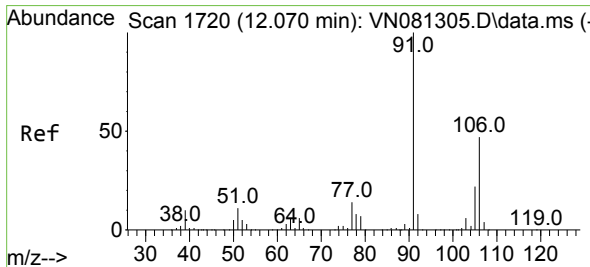
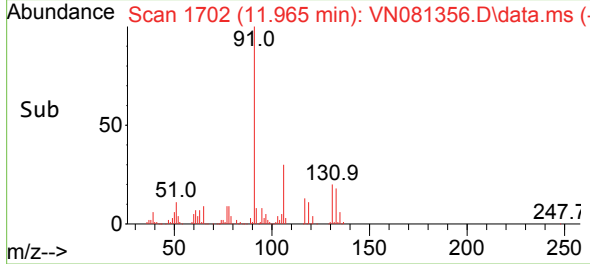
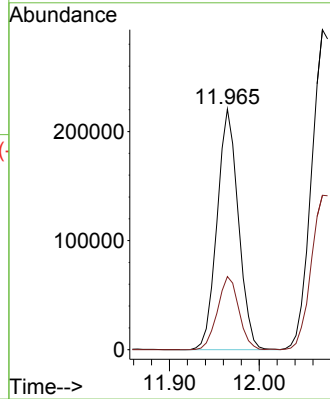
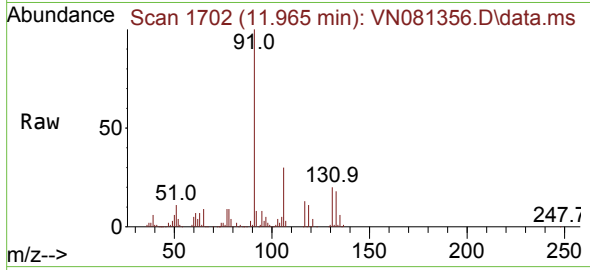




#67
Ethyl Benzene
Concen: 19.488 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

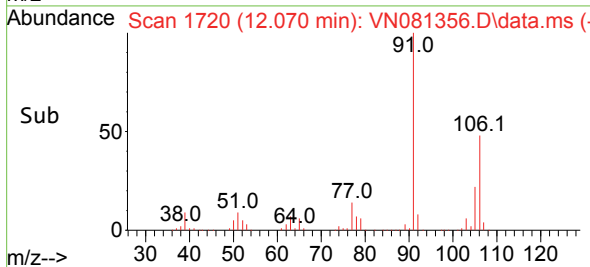
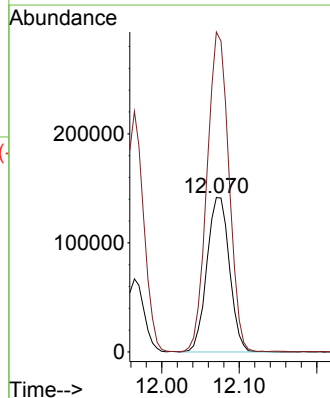
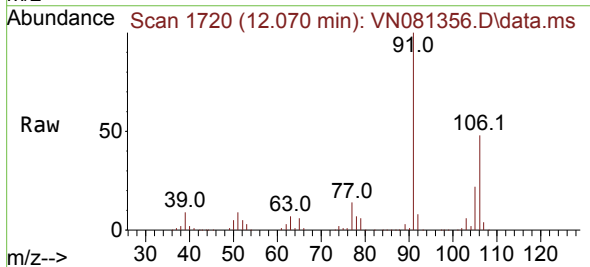
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

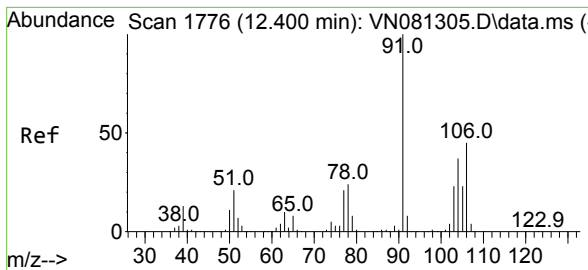
Tgt Ion: 91 Resp: 363326
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6



#68
m/p-Xylenes
Concen: 40.800 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 106 Resp: 286264
Ion Ratio Lower Upper
106 100
91 200.5 169.0 253.6

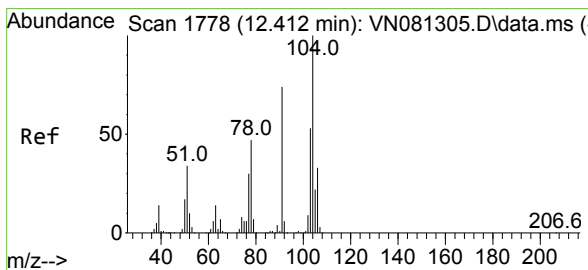
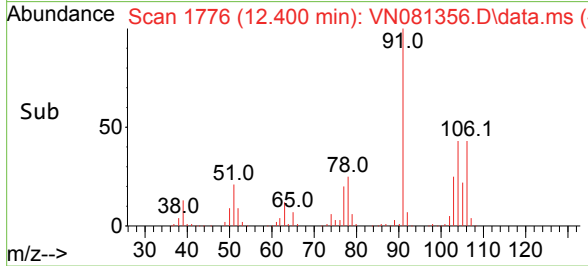
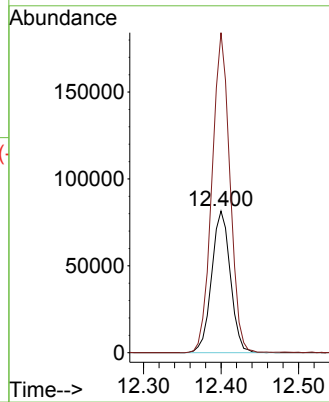
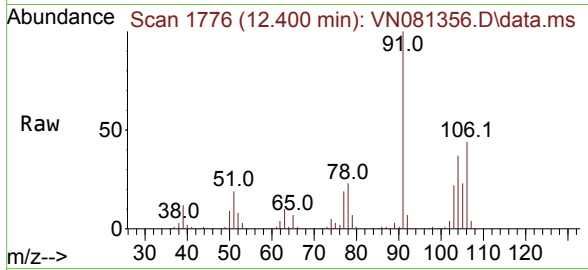




#69
o-Xylene
Concen: 20.143 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

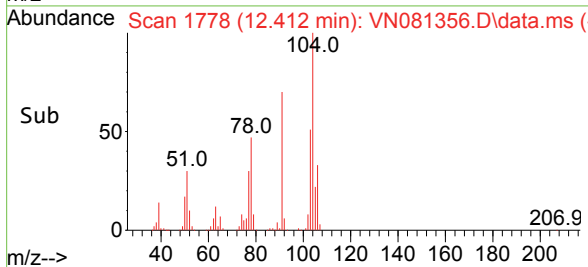
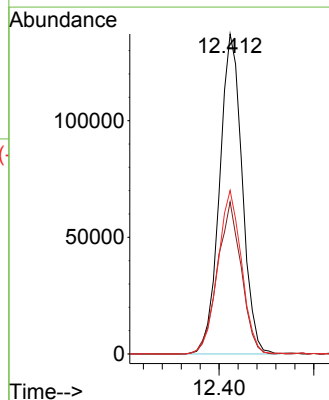
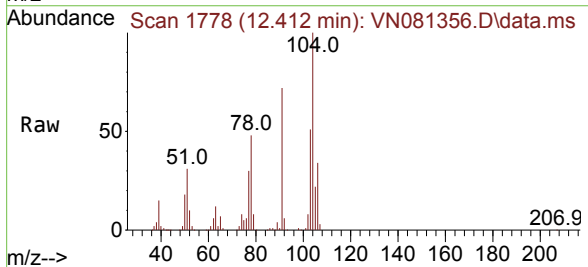
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

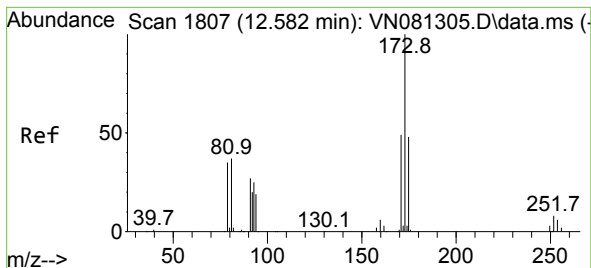
Tgt Ion:106 Resp: 136972
Ion Ratio Lower Upper
106 100
91 216.8 112.1 336.3



#70
Styrene
Concen: 21.105 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion:104 Resp: 227429
Ion Ratio Lower Upper
104 100
78 50.3 43.8 65.8
103 53.8 44.2 66.2





#71

Bromoform

Concen: 20.309 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

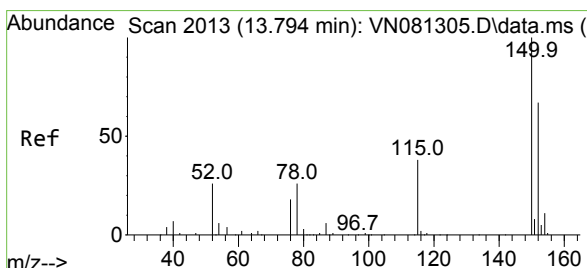
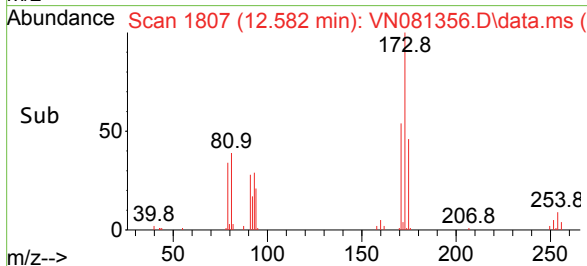
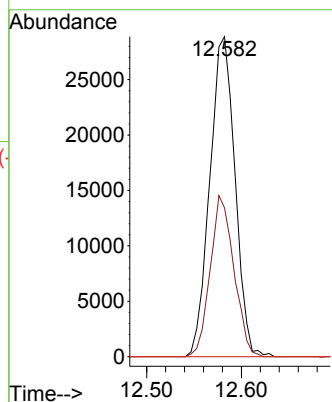
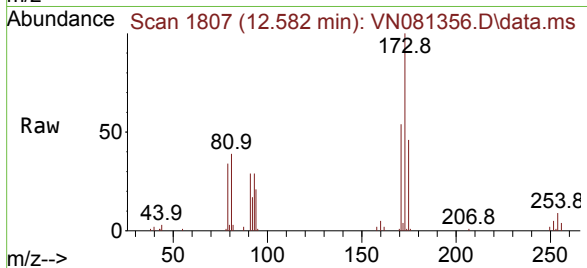
Tgt Ion:173 Resp: 53399

Ion Ratio Lower Upper

173 100

175 47.2 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: VN081356.D

Acq: 11 Mar 2024 12:17

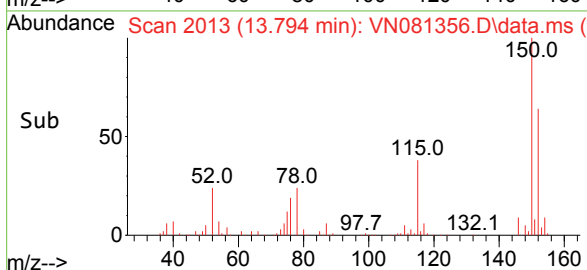
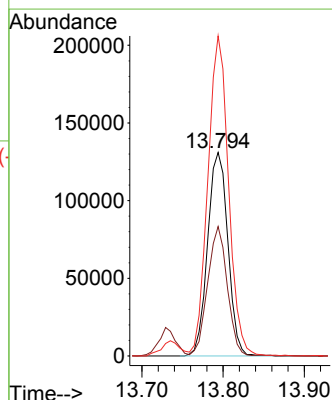
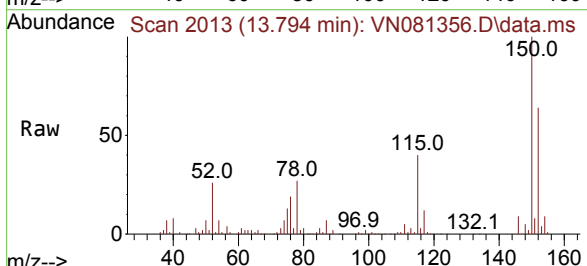
Tgt Ion:152 Resp: 226588

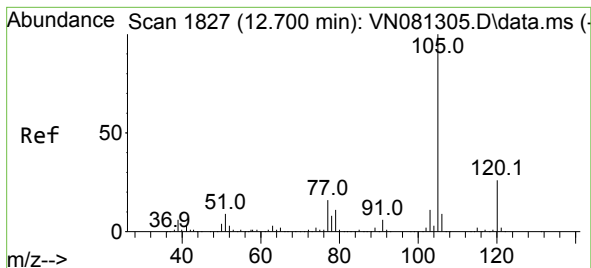
Ion Ratio Lower Upper

152 100

115 60.8 32.3 96.8

150 161.0 0.0 339.8





#73

Isopropylbenzene

Concen: 19.194 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

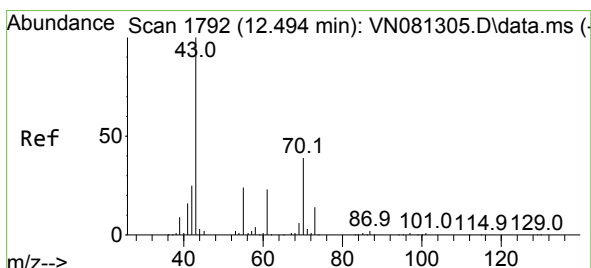
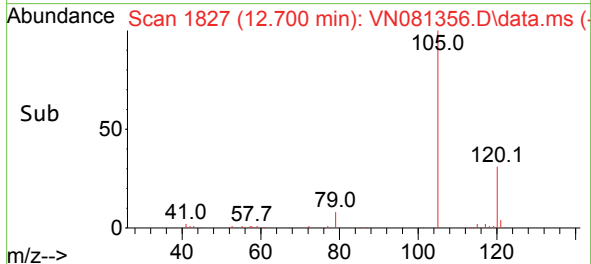
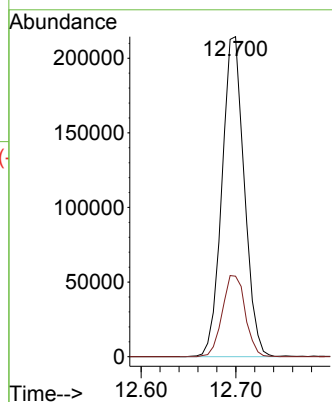
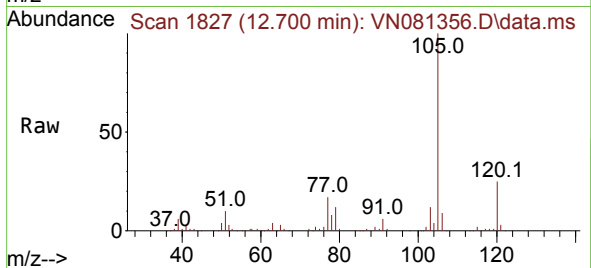
VN0311WBS01

Tgt Ion:105 Resp: 351198

Ion Ratio Lower Upper

105 100

120 26.1 12.6 37.6



#74

N-ethyl acetate

Concen: 19.385 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Tgt Ion: 43 Resp: 148821

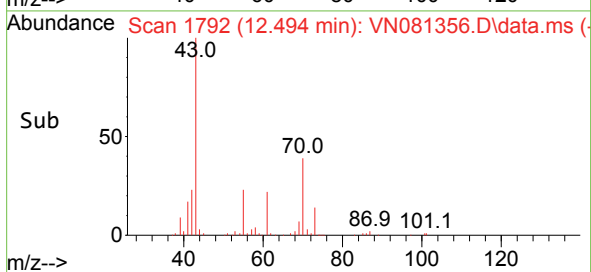
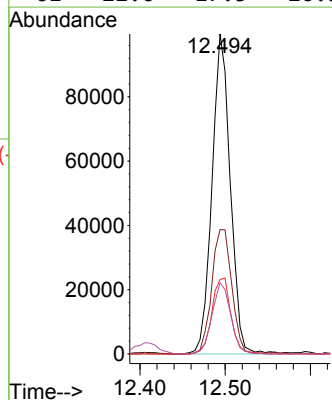
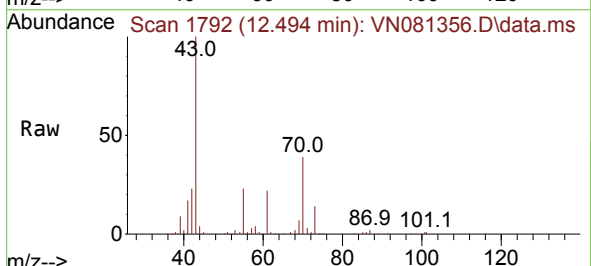
Ion Ratio Lower Upper

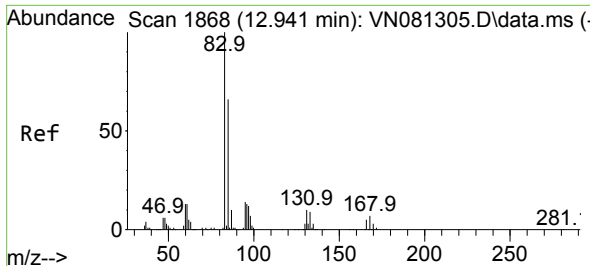
43 100

70 42.6 30.1 45.1

55 24.8 17.0 25.4

61 22.6 17.5 26.3

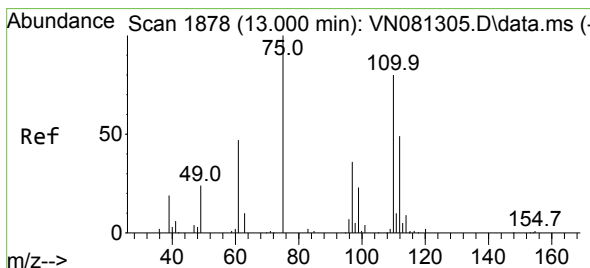
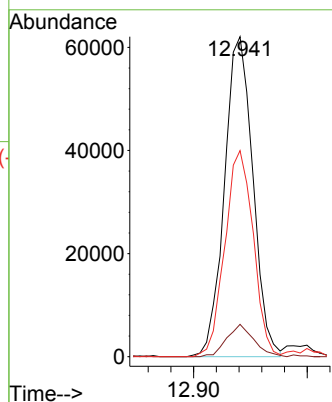
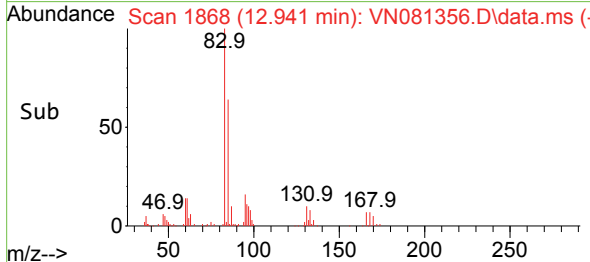
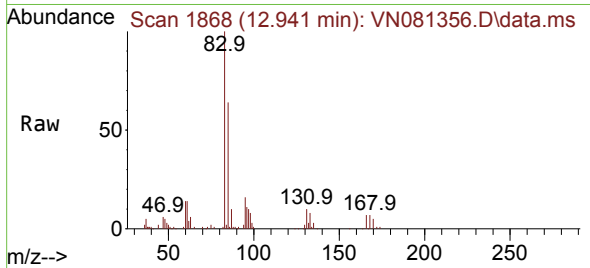




#75
1,1,2,2-Tetrachloroethane
Concen: 19.120 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

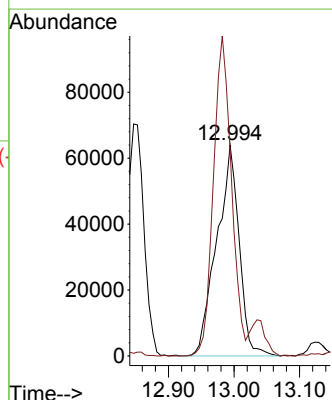
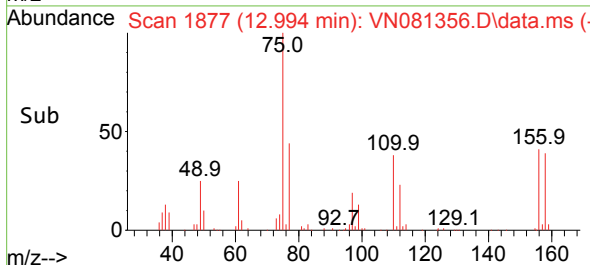
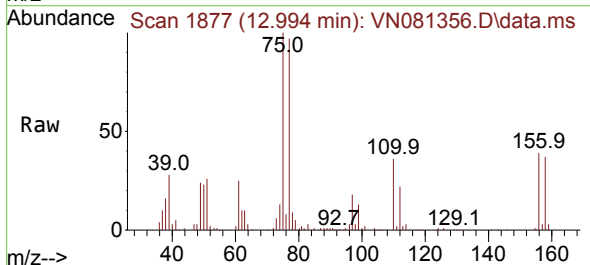
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

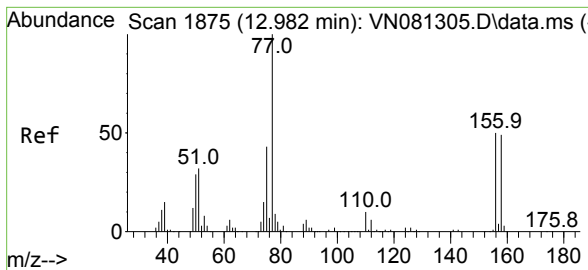
Tgt Ion: 83 Resp: 107962
Ion Ratio Lower Upper
83 100
131 9.6 4.1 12.3
85 64.3 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 28.374 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 75 Resp: 151856
Ion Ratio Lower Upper
75 100
77 122.1 91.0 272.8

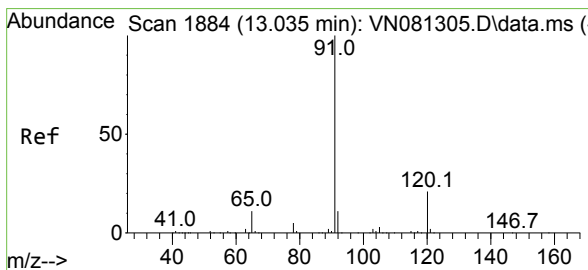
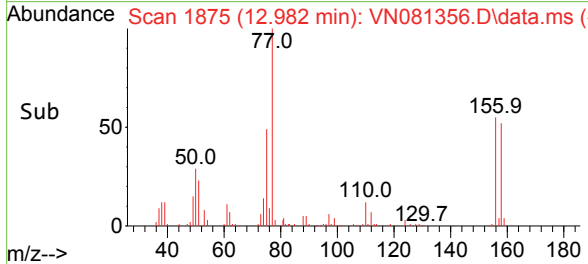
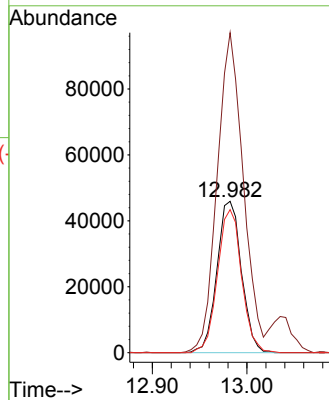
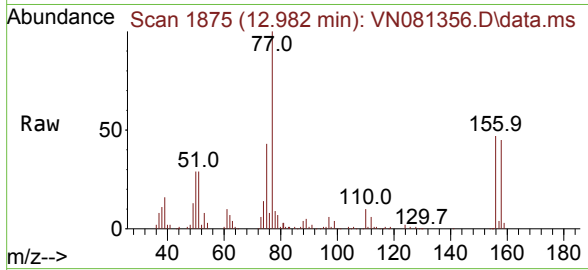




#77
Bromobenzene
Concen: 19.039 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

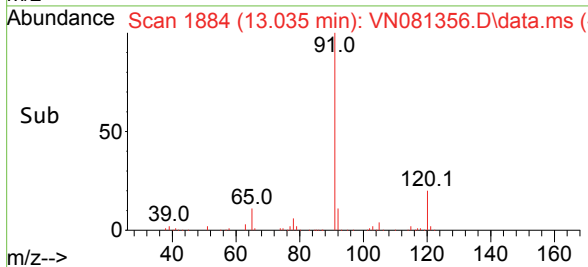
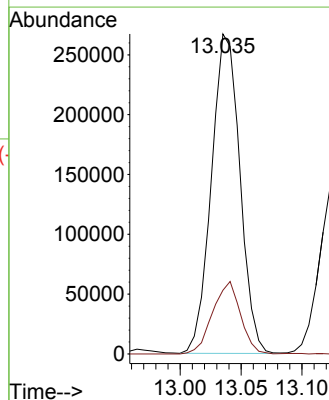
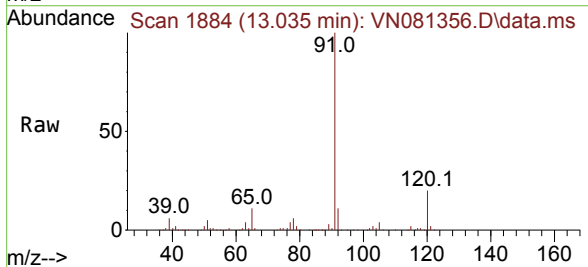
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

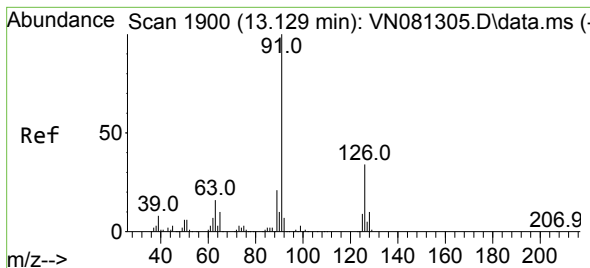
Tgt Ion:156 Resp: 82594
Ion Ratio Lower Upper
156 100
77 224.5 138.1 414.3
158 93.1 46.5 139.5



#78
n-propylbenzene
Concen: 20.137 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 91 Resp: 435793
Ion Ratio Lower Upper
91 100
120 22.1 10.3 30.9

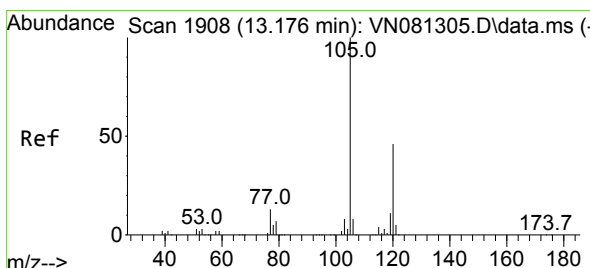
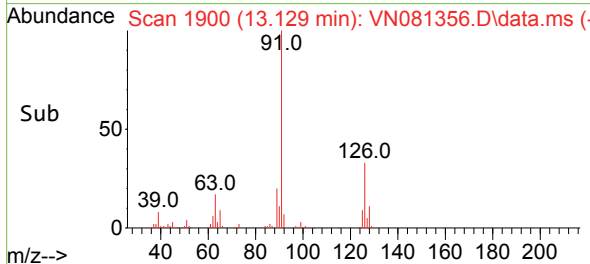
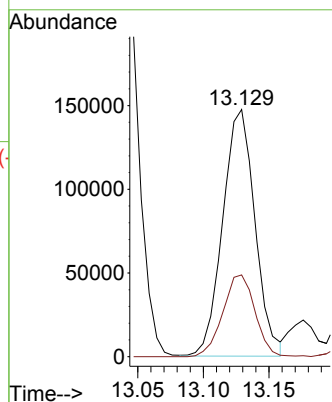
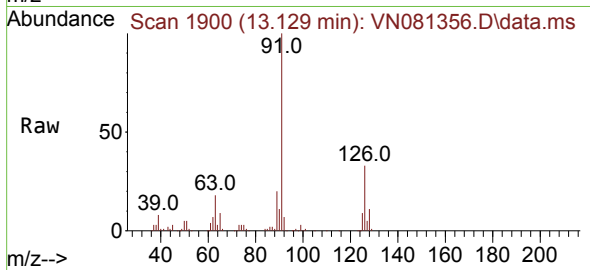




#79
2-Chlorotoluene
Concen: 19.054 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

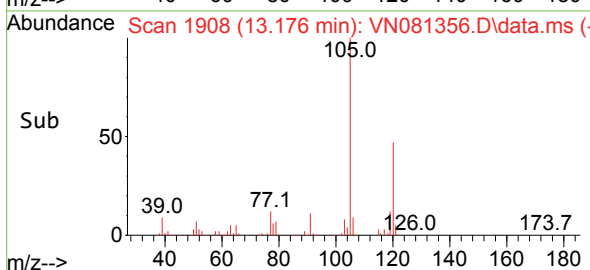
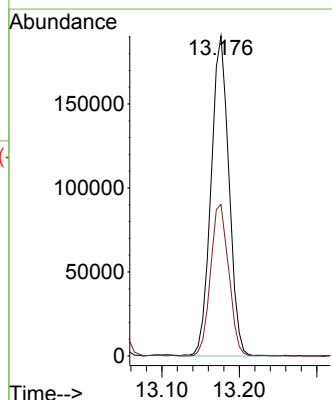
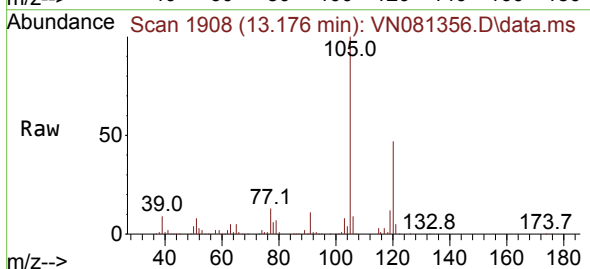
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

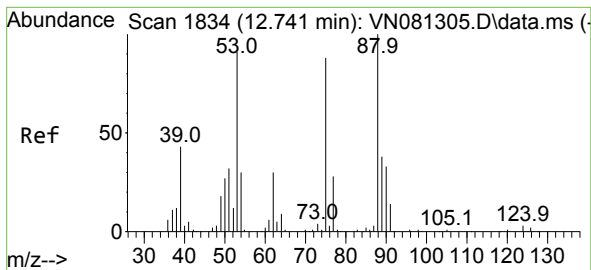
Tgt Ion: 91 Resp: 252050
Ion Ratio Lower Upper
91 100
126 33.2 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 20.208 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 105 Resp: 305644
Ion Ratio Lower Upper
105 100
120 48.1 23.0 69.0

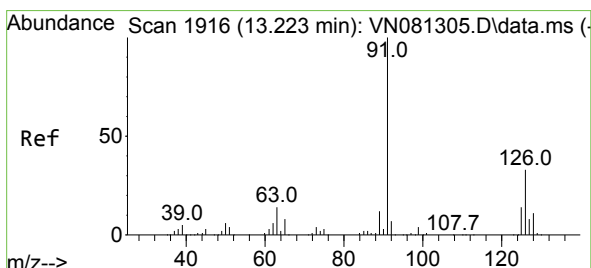
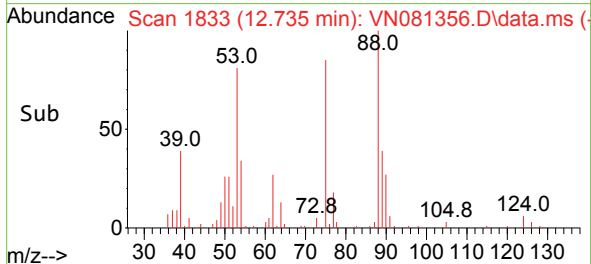
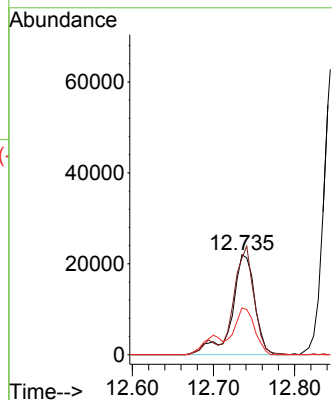
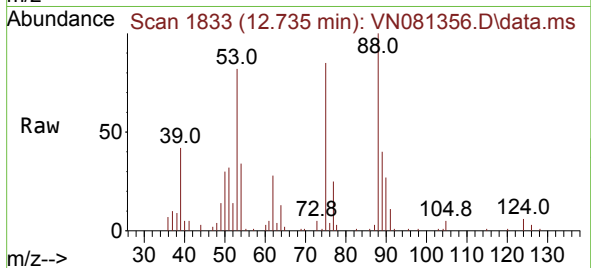




#81
trans-1,4-Dichloro-2-butene
Concen: 22.291 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

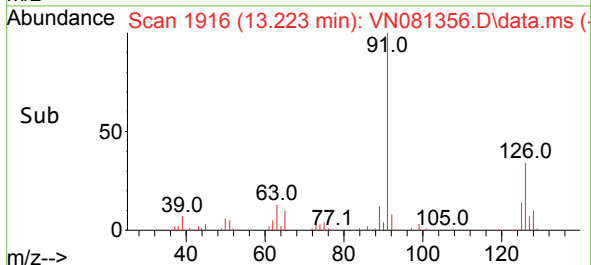
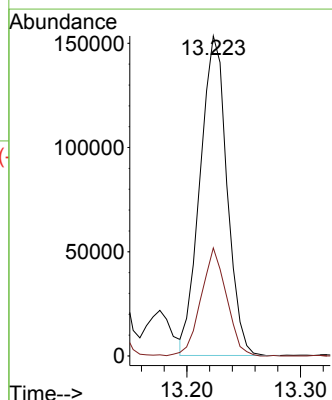
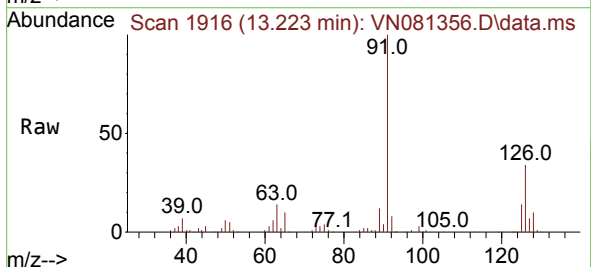
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

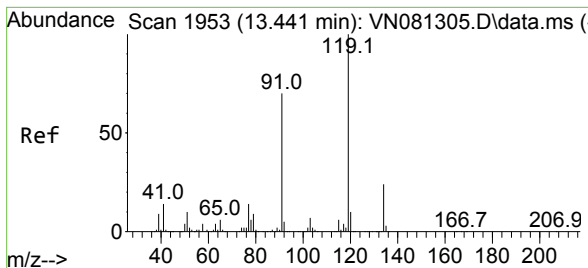
Tgt Ion: 75 Resp: 42747
Ion Ratio Lower Upper
75 100
53 93.9 71.4 107.2
89 42.4 33.4 50.0



#82
4-Chlorotoluene
Concen: 19.315 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion: 91 Resp: 252366
Ion Ratio Lower Upper
91 100
126 32.0 15.3 45.9

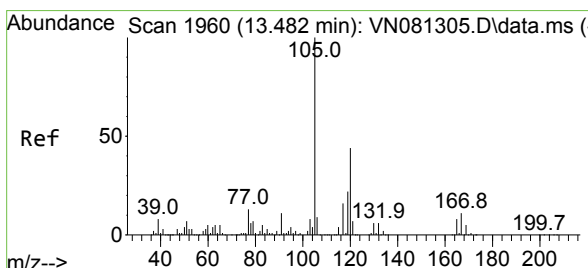
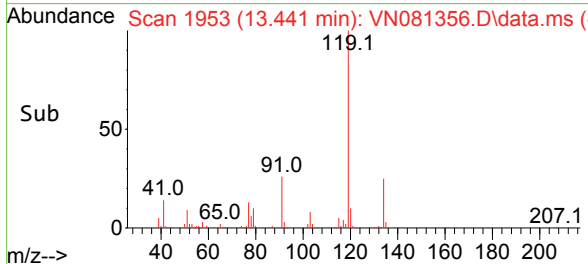
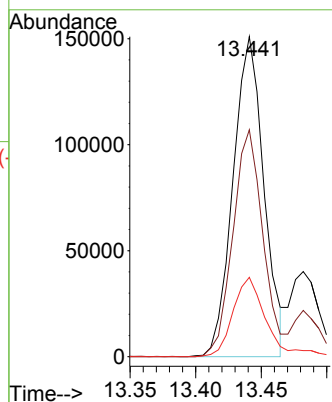
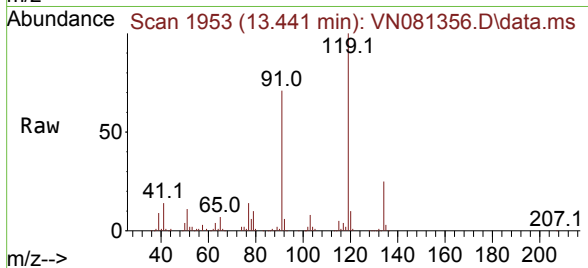




#83
tert-Butylbenzene
Concen: 19.074 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

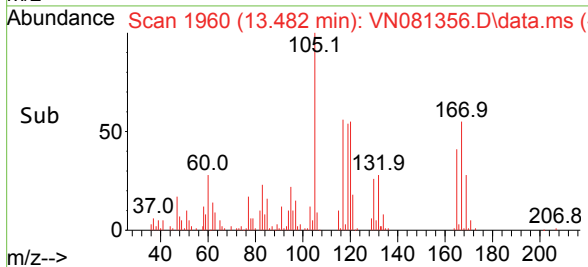
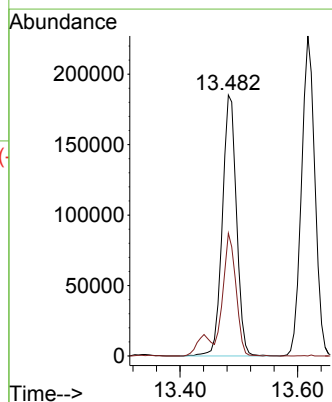
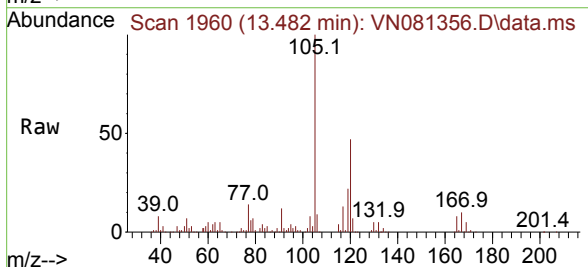
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBS01

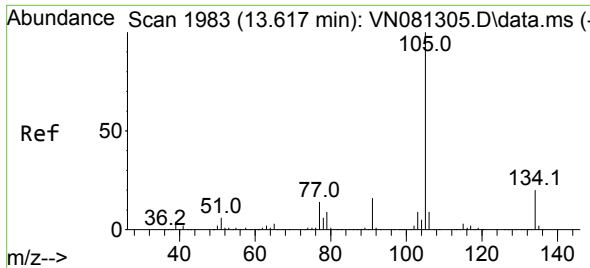
Tgt Ion:119 Resp: 247324
Ion Ratio Lower Upper
119 100
91 69.9 36.8 110.4
134 26.7 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 20.178 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081356.D
Acq: 11 Mar 2024 12:17

Tgt Ion:105 Resp: 309207
Ion Ratio Lower Upper
105 100
120 42.8 20.9 62.7

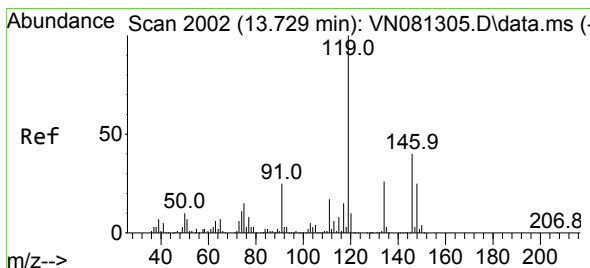
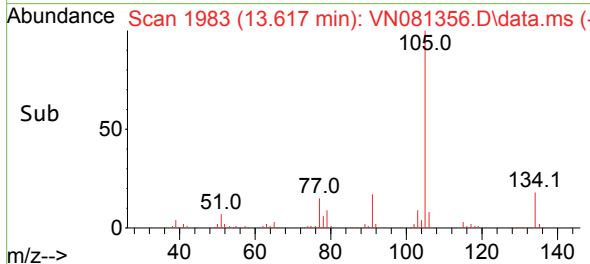
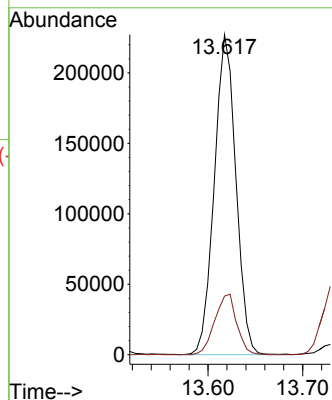
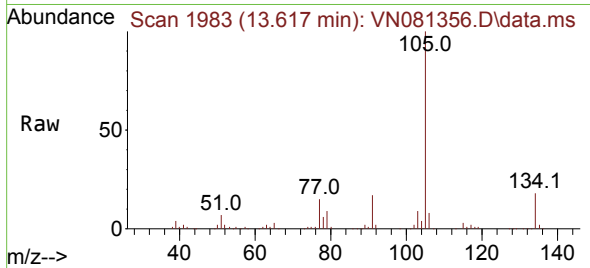




#85
 sec-Butylbenzene
 Concen: 19.160 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081356.D
 Acq: 11 Mar 2024 12:17

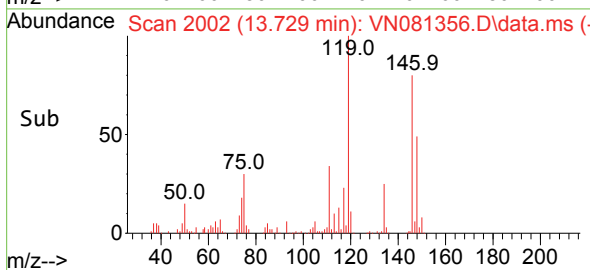
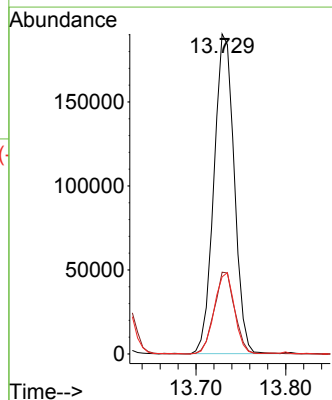
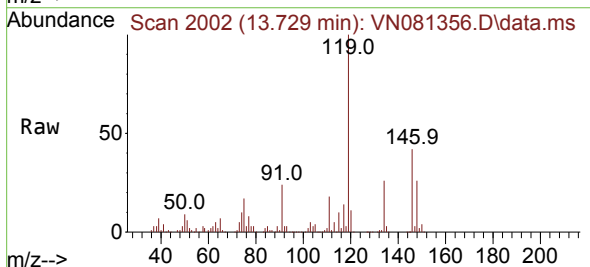
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBS01

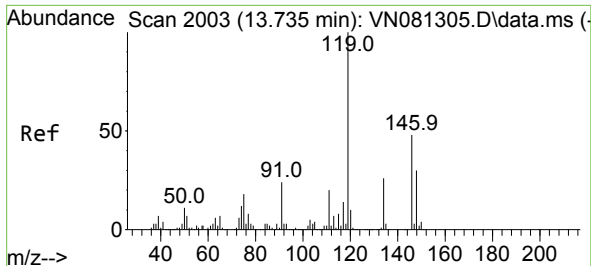
Tgt Ion:105 Resp: 359428
 Ion Ratio Lower Upper
 105 100
 134 19.2 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 19.828 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081356.D
 Acq: 11 Mar 2024 12:17

Tgt Ion:119 Resp: 298292
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.4 37.2
 91 25.3 13.5 40.4

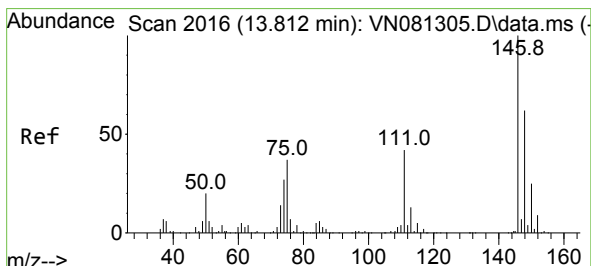
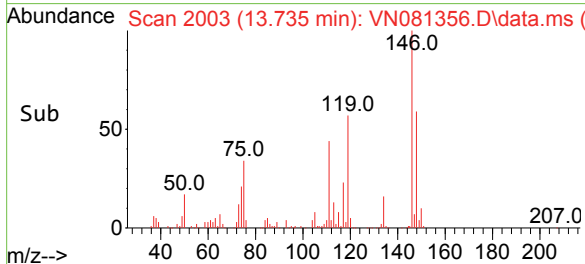
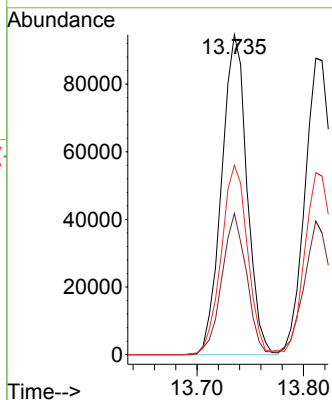
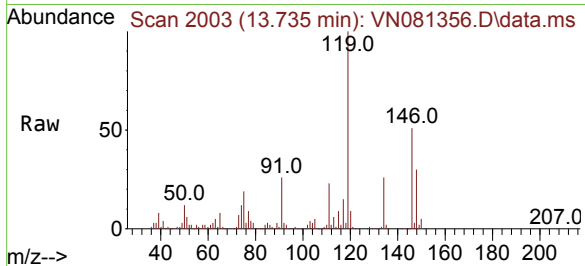




#87
 1,3-Dichlorobenzene
 Concen: 19.088 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN081356.D
 Acq: 11 Mar 2024 12:17

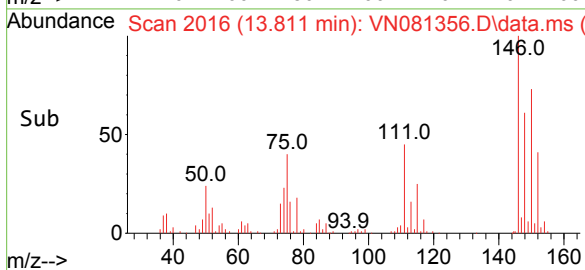
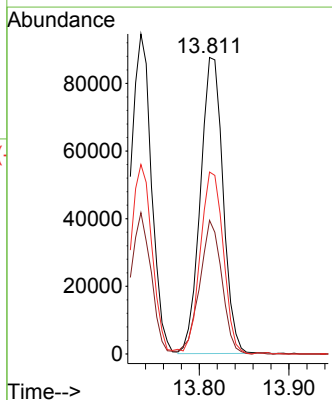
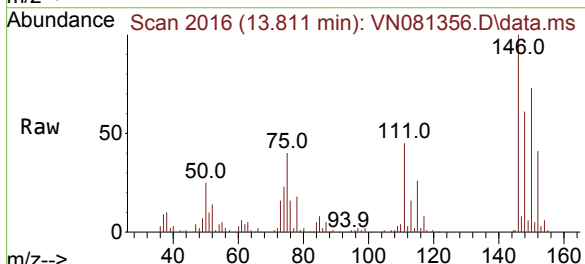
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBS01

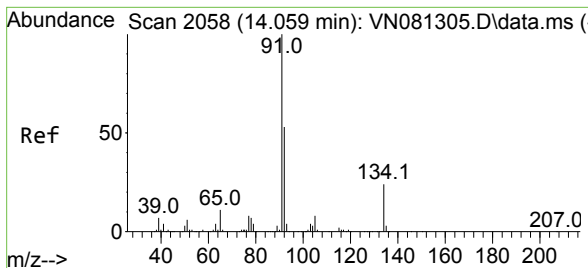
Tgt Ion:146 Resp: 156356
 Ion Ratio Lower Upper
 146 100
 111 42.9 23.9 71.7
 148 61.4 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 18.772 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081356.D
 Acq: 11 Mar 2024 12:17

Tgt Ion:146 Resp: 153694
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.6 67.7
 148 62.7 31.9 95.5





#89

n-Butylbenzene

Concen: 19.360 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

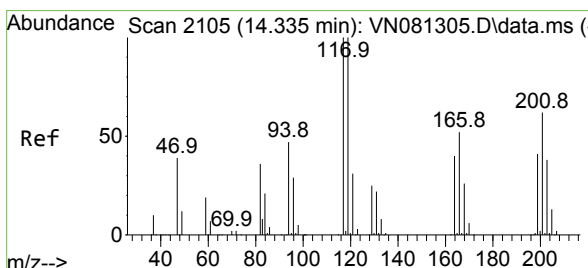
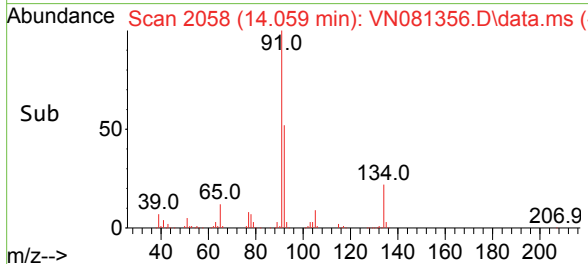
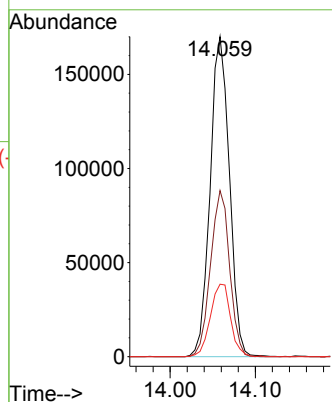
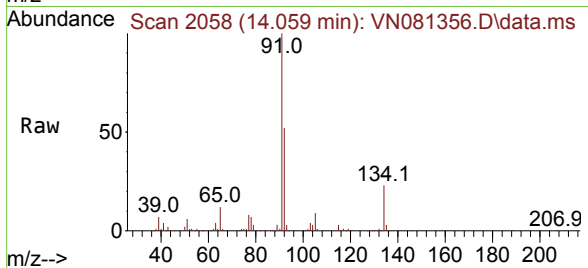
Tgt Ion: 91 Resp: 267084

Ion Ratio Lower Upper

91 100

92 51.3 26.7 80.1

134 23.8 10.8 32.4



#90

Hexachloroethane

Concen: 19.464 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN081356.D

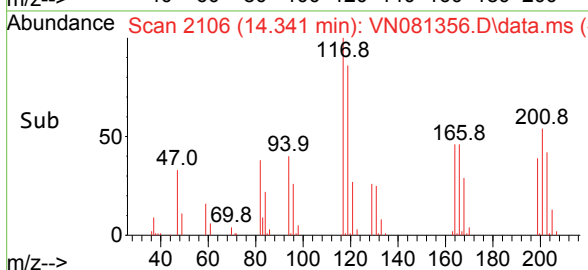
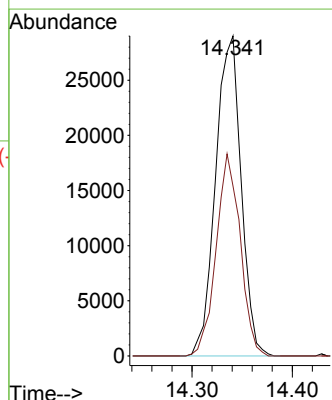
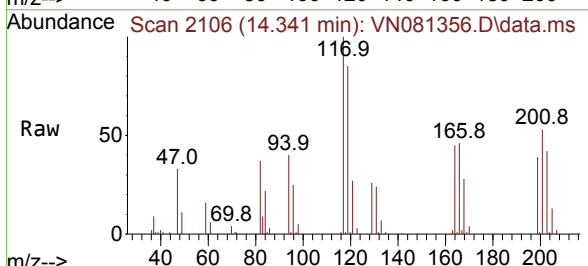
Acq: 11 Mar 2024 12:17

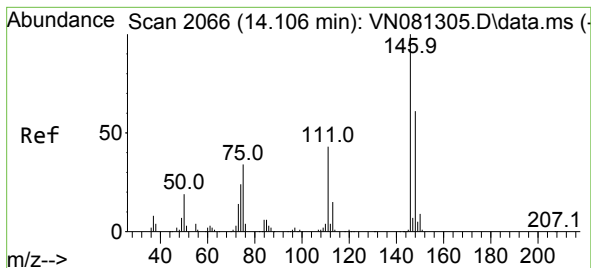
Tgt Ion: 117 Resp: 51264

Ion Ratio Lower Upper

117 100

201 59.5 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 19.314 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

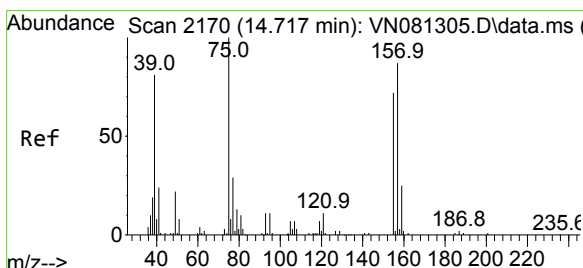
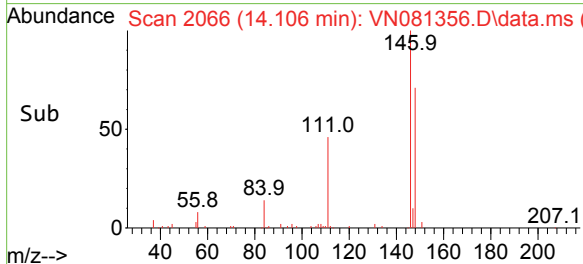
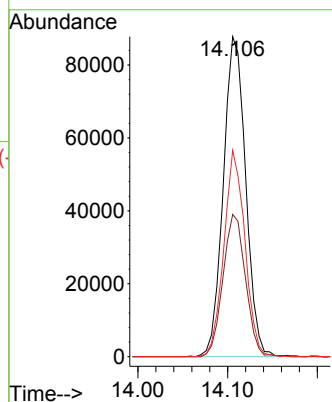
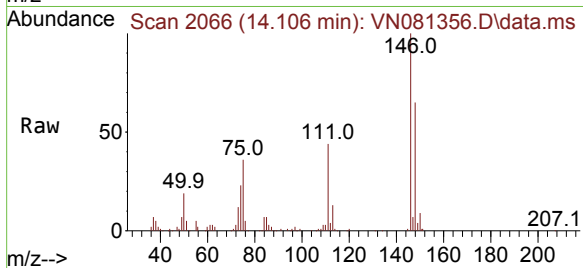
Tgt Ion:146 Resp: 151798

Ion Ratio Lower Upper

146 100

111 44.8 23.9 71.8

148 60.7 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.094 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

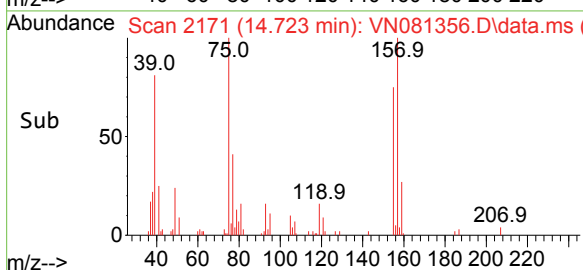
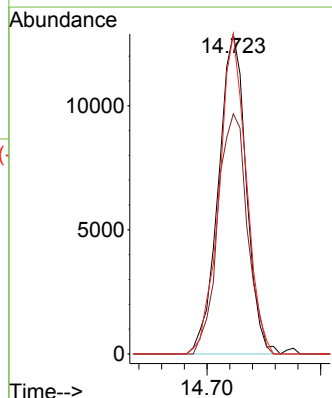
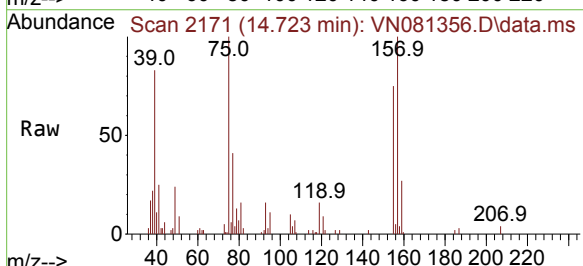
Tgt Ion: 75 Resp: 21864

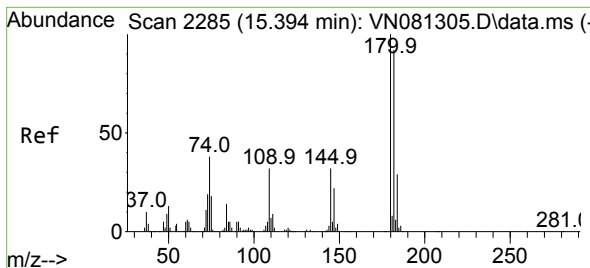
Ion Ratio Lower Upper

75 100

155 79.9 31.8 95.4

157 97.3 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 18.959 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

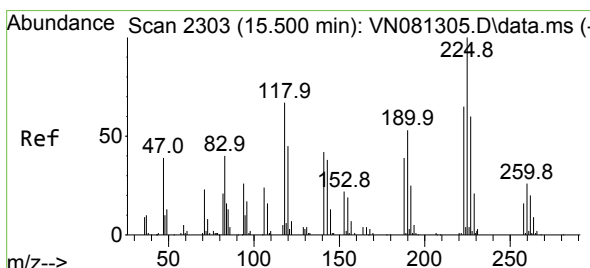
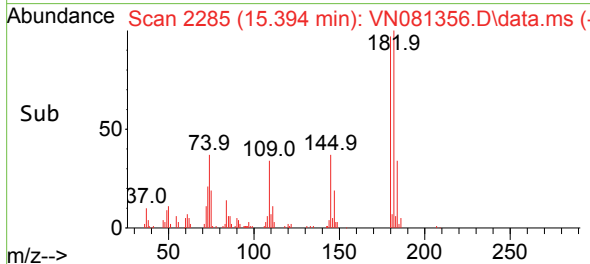
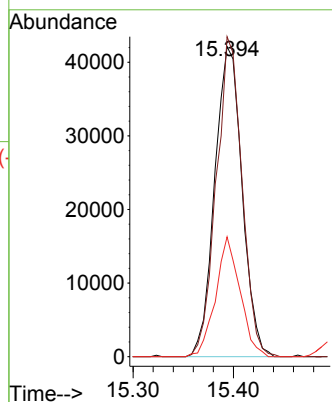
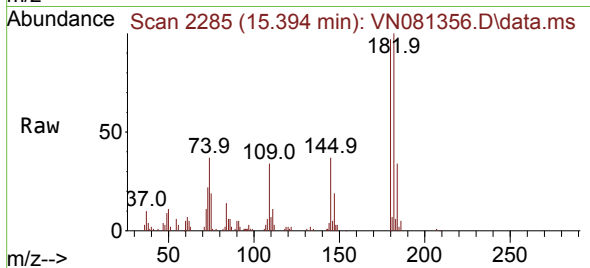
Tgt Ion:180 Resp: 79648

Ion Ratio Lower Upper

180 100

182 96.7 46.6 139.7

145 34.5 16.8 50.3



#94

Hexachlorobutadiene

Concen: 18.334 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

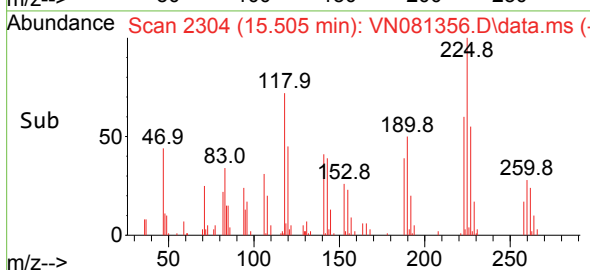
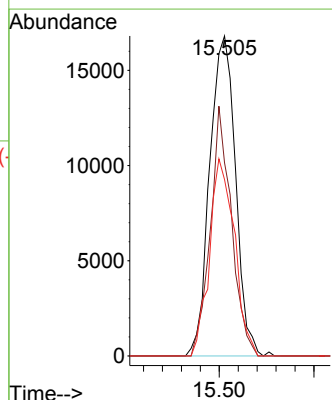
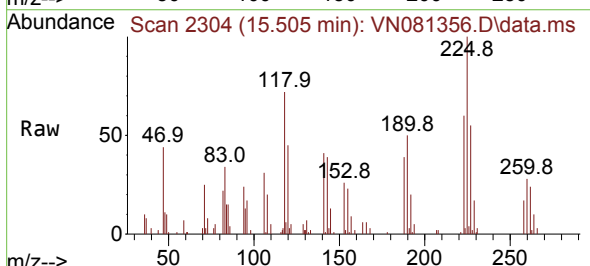
Tgt Ion:225 Resp: 31825

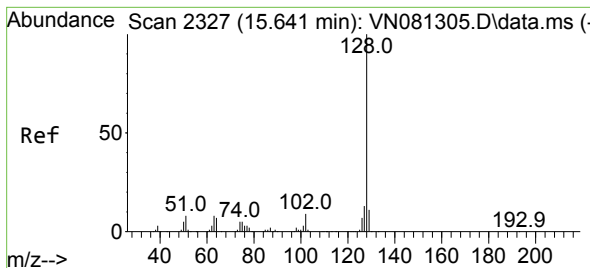
Ion Ratio Lower Upper

225 100

223 63.8 33.3 99.8

227 59.5 33.1 99.2





#95

Naphthalene

Concen: 19.065 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBS01

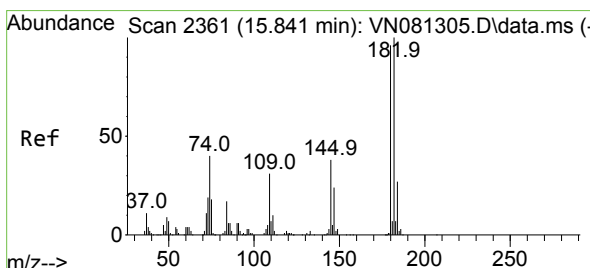
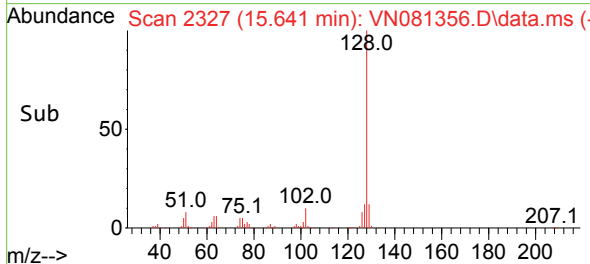
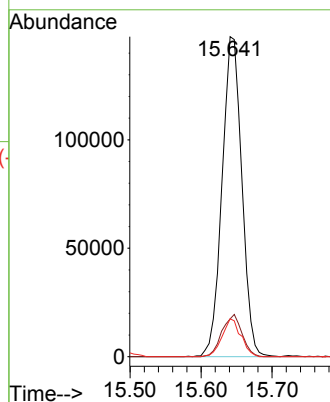
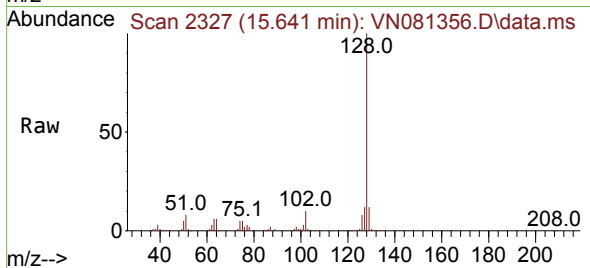
Tgt Ion:128 Resp: 284989

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.657 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081356.D

Acq: 11 Mar 2024 12:17

Tgt Ion:180 Resp: 79484

Ion Ratio Lower Upper

180 100

182 99.2 46.5 139.3

145 36.8 17.8 53.4

