

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
 Data File : VN083398.D
 Acq On : 20 Aug 2024 14:12
 Operator : JC\MD
 Sample : PB162842TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 21 02:24:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

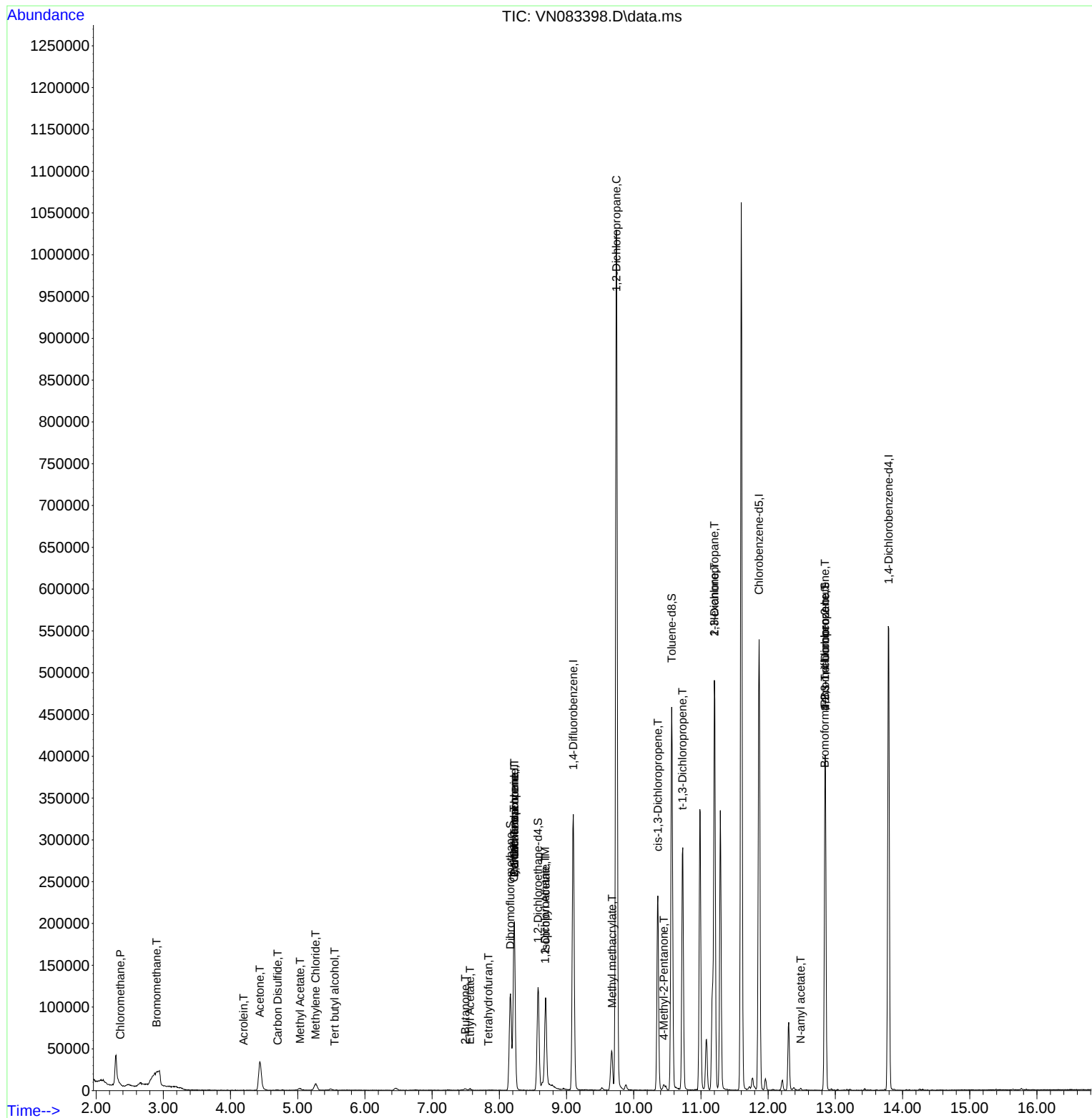
Internal Standards						
1) Pentafluorobenzene	8.224	168	138317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105887	53.783	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.560%	
35) Dibromofluoromethane	8.165	113	83151	48.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.280%	
50) Toluene-d8	10.565	98	307306	47.697	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.400%	
62) 4-Bromofluorobenzene	12.847	95	141494	56.331	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 112.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	487	0.303	ug/l #	43
5) Bromomethane	2.901	94	419	0.412	ug/l #	78
11) Tert butyl alcohol	5.548	59	122	0.298	ug/l #	71
13) Acrolein	4.195	56	56	0.210	ug/l #	30
16) Acetone	4.436	43	18315	23.774	ug/l	94
17) Carbon Disulfide	4.700	76	962	0.214	ug/l #	75
18) Methyl Acetate	5.036	43	4460	1.943	ug/l #	83
20) Methylene Chloride	5.265	84	6498	3.665	ug/l #	69
25) 2-Butanone	7.494	43	3452	2.918	ug/l	96
29) Tetrahydrofuran	7.836	42	169	0.221	ug/l #	38
31) Cyclohexane	8.218	56	3414	1.170	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12535	4.798	ug/l #	50
37) Ethyl Acetate	7.565	43	2922	0.999	ug/l #	84
38) Carbon Tetrachloride	8.224	117	16150	5.488	ug/l #	17
42) 1,2-Dichloroethane	8.683	62	781	0.275	ug/l #	78
43) Isopropyl Acetate	8.688	43	145003	27.419	ug/l #	90
45) 1,2-Dichloropropane	9.741	63	1329	0.719	ug/l #	44
48) Methyl methacrylate	9.677	41	3343	1.382	ug/l #	50
51) 4-Methyl-2-Pentanone	10.447	43	4445	1.607	ug/l	100
53) t-1,3-Dichloropropene	10.724	75	741	0.243	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	42023	12.953	ug/l #	55
57) 1,3-Dichloropropane	11.200	76	4934	1.571	ug/l #	43
59) 2-Hexanone	11.200	43	66218	30.940	ug/l #	59
71) Bromoform	12.841	173	538	0.302	ug/l #	1
74) N-amyl acetate	12.482	43	1554	0.259	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	77591	24.111	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	77591	52.448	ug/l #	6

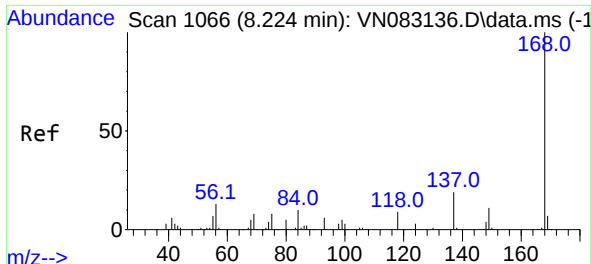
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
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Sample : PB162842TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

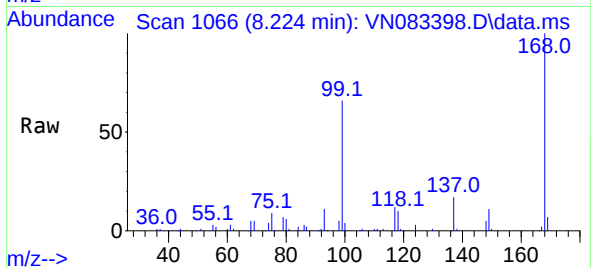
Quant Time: Aug 21 02:24:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
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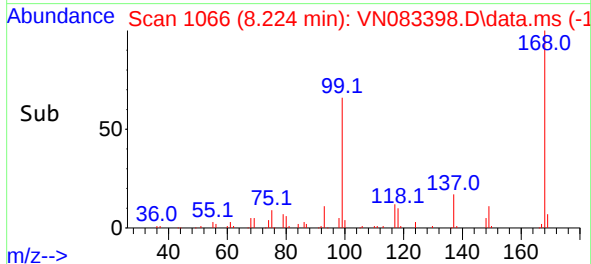
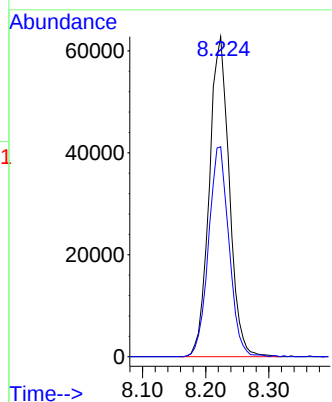


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

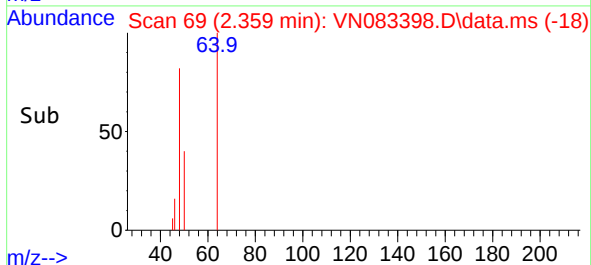
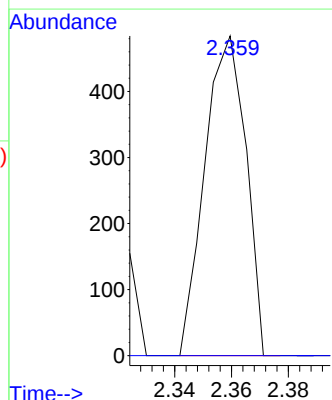
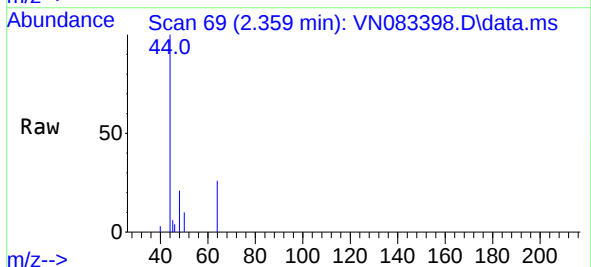


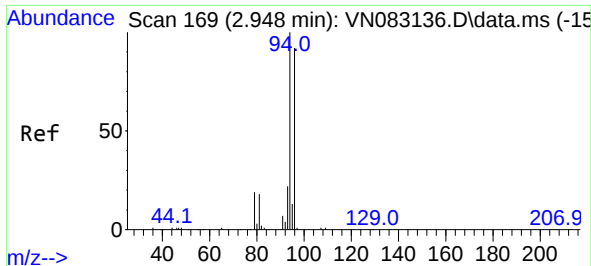
Tgt Ion:168 Resp: 138317
Ion Ratio Lower Upper
168 100
99 65.6 48.2 72.4



#3
Chloromethane
Concen: 0.303 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

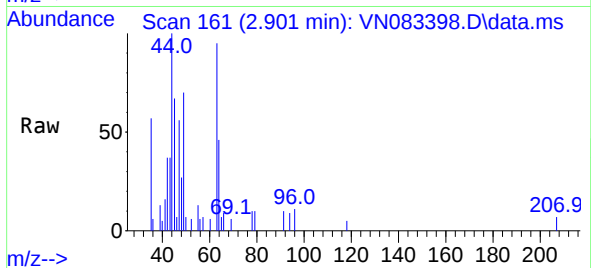
Tgt Ion: 50 Resp: 487
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



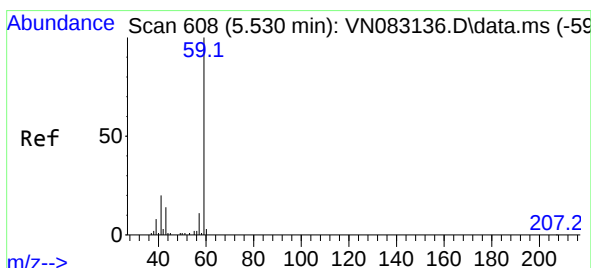
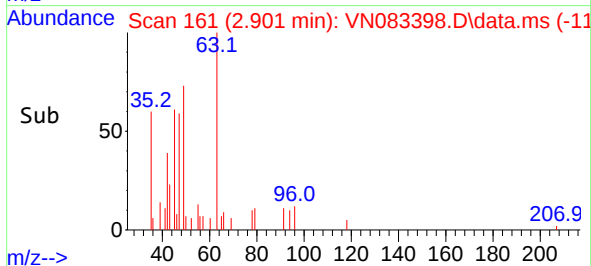
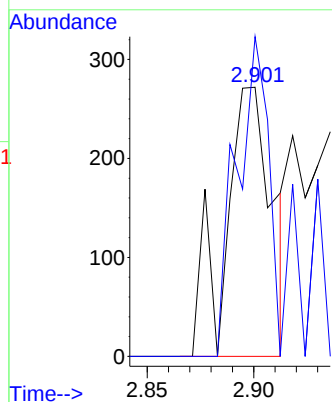


#5
Bromomethane
Concen: 0.412 ug/l
RT: 2.901 min Scan# 1
Delta R.T. -0.047 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

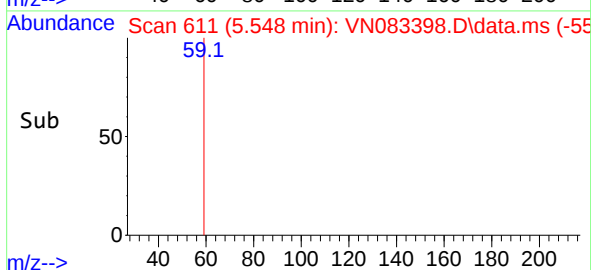
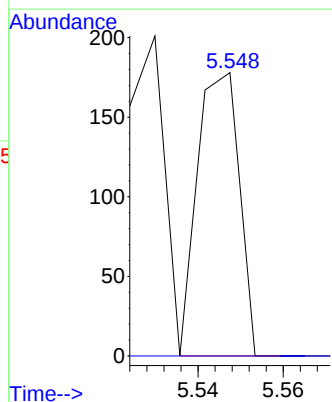
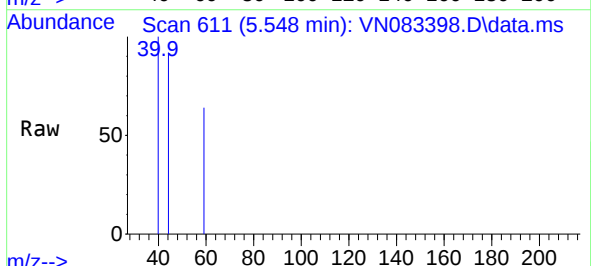


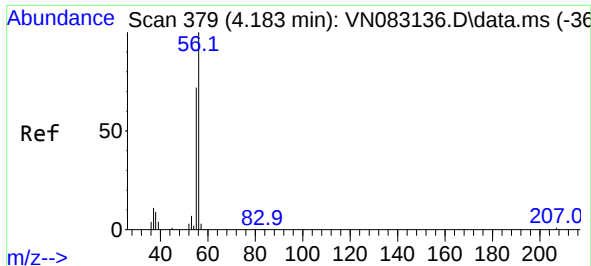
Tgt Ion: 94 Resp: 419
Ion Ratio Lower Upper
94 100
96 118.8 78.0 117.0#



#11
Tert butyl alcohol
Concen: 0.298 ug/l
RT: 5.548 min Scan# 611
Delta R.T. 0.018 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

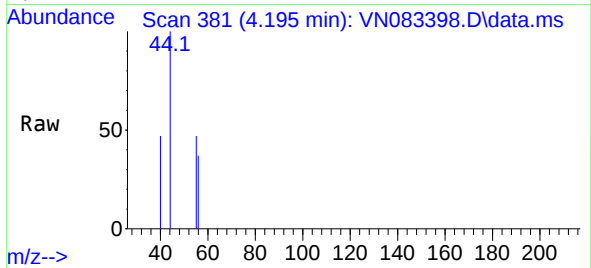
Tgt Ion: 59 Resp: 122
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



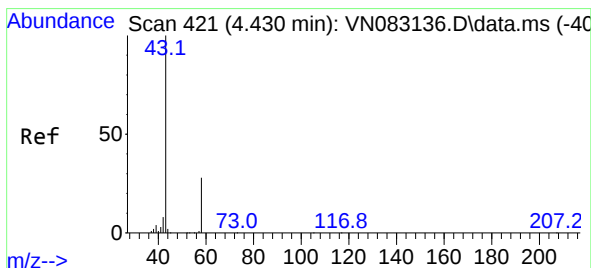
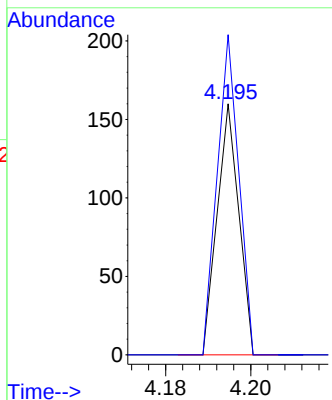


#13
Acrolein
Concen: 0.210 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.012 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

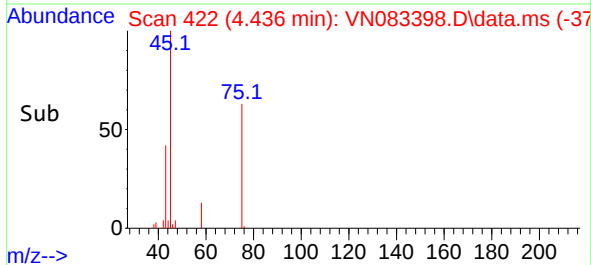
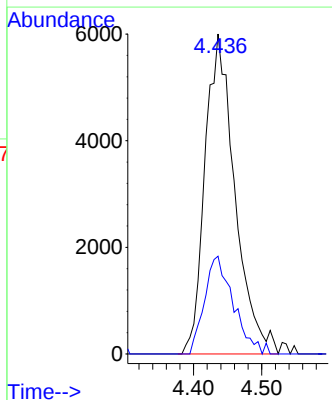
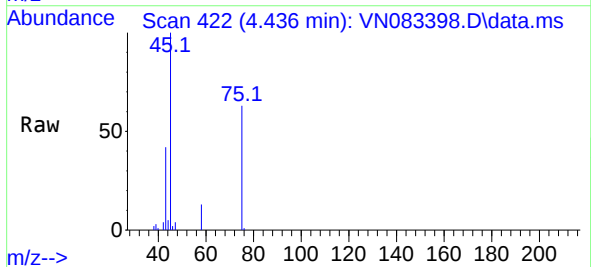


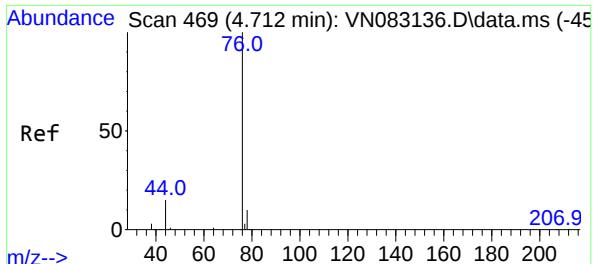
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 128.6 56.4 84.6#



#16
Acetone
Concen: 23.774 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

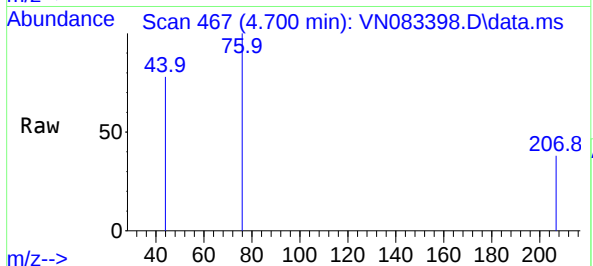
Tgt Ion: 43 Resp: 18315
Ion Ratio Lower Upper
43 100
58 30.5 21.8 32.6



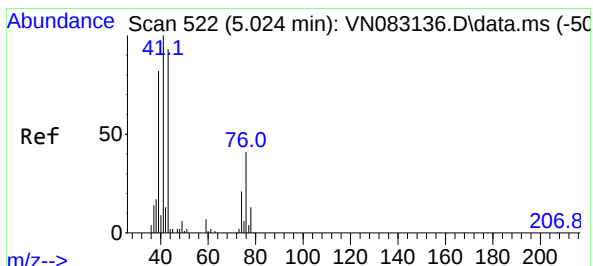
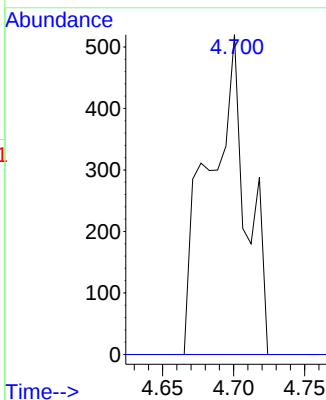
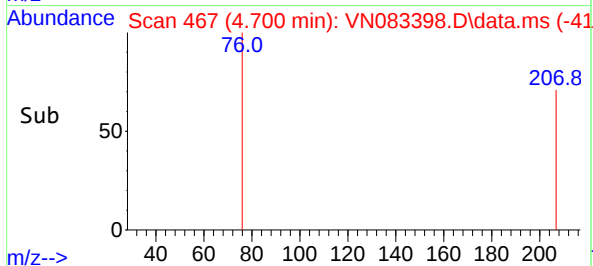


#17
Carbon Disulfide
Concen: 0.214 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

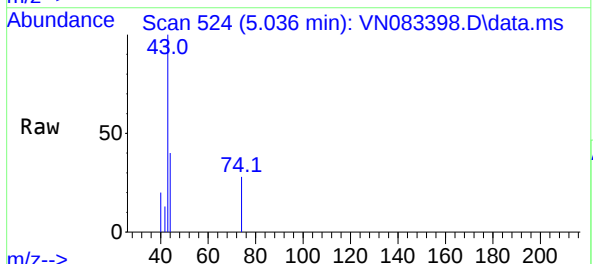
Instrument :
MSVOA_N
ClientSampleId :



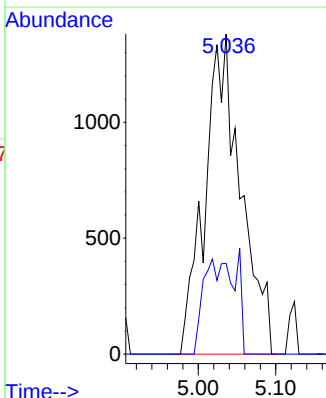
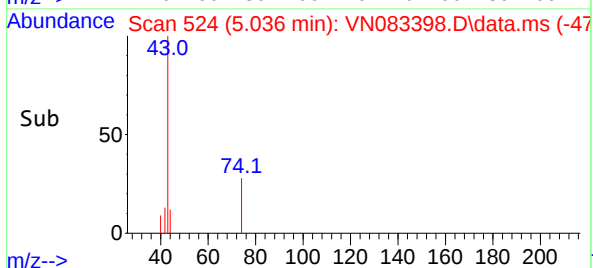
Tgt Ion: 76 Resp: 962
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

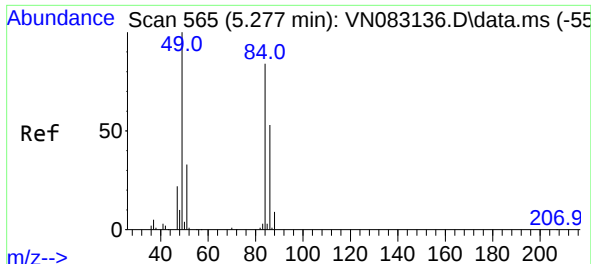


#18
Methyl Acetate
Concen: 1.943 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12



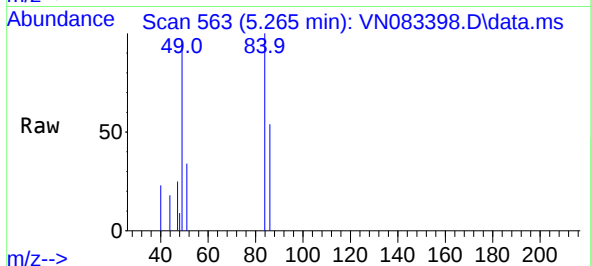
Tgt Ion: 43 Resp: 4460
Ion Ratio Lower Upper
43 100
74 12.4 16.3 24.5#





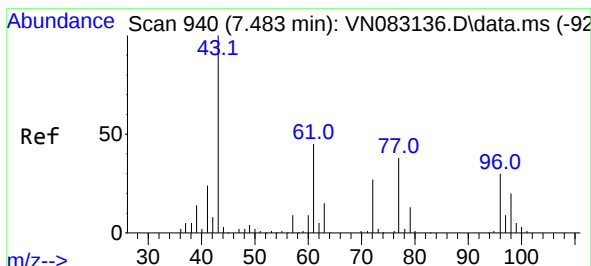
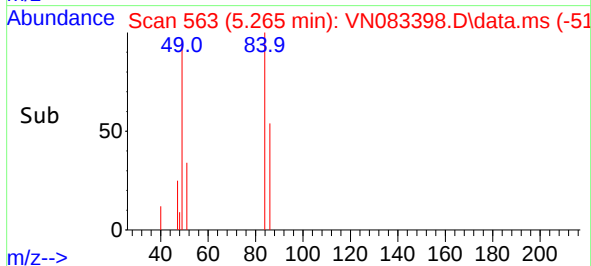
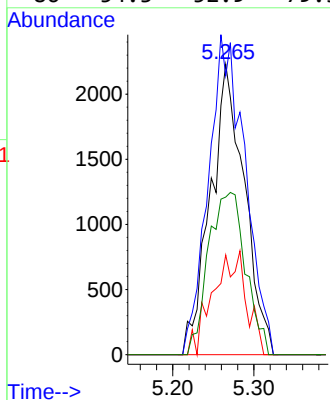
#20
Methylene Chloride
Concen: 3.665 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 6498

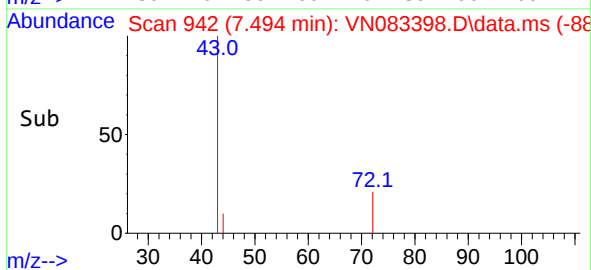
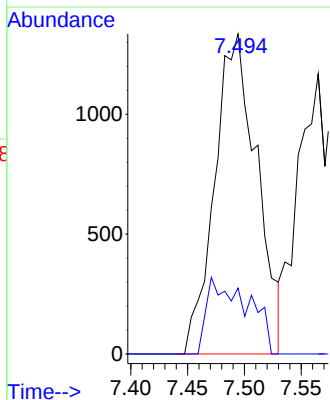
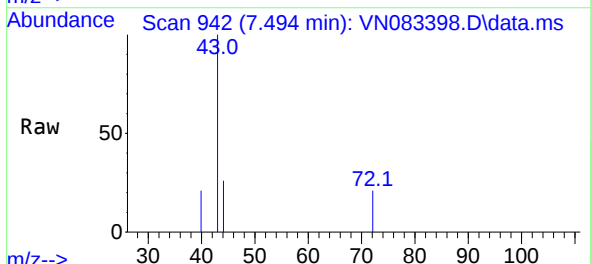
Ion	Ratio	Lower	Upper
84	100		
49	96.0	119.6	179.4#
51	34.3	34.8	52.2#
86	54.3	52.9	79.3

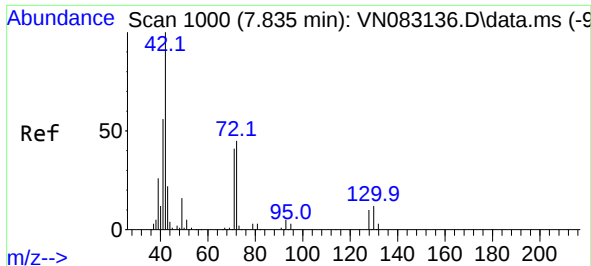


#25
2-Butanone
Concen: 2.918 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Tgt Ion: 43 Resp: 3452

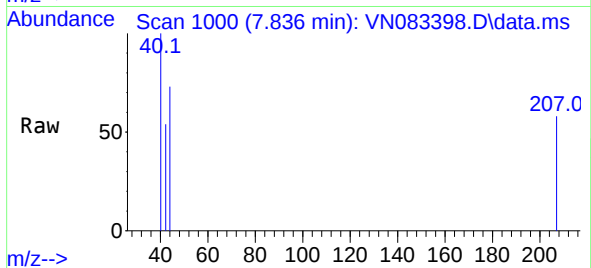
Ion	Ratio	Lower	Upper
43	100		
72	20.6	18.2	27.2



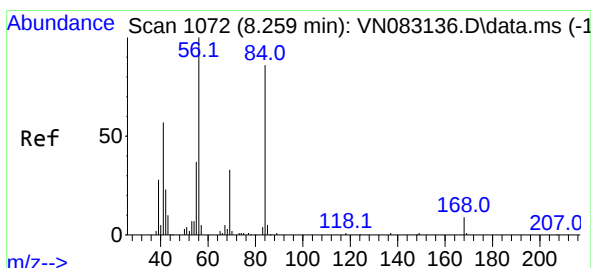
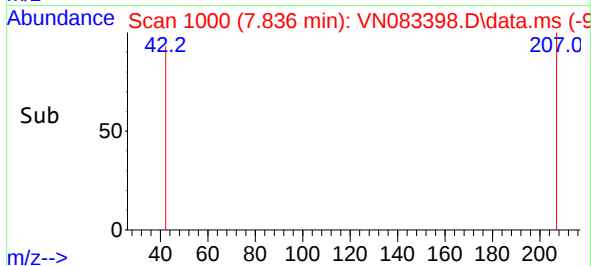
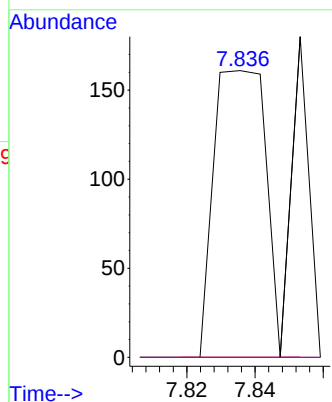


#29
Tetrahydrofuran
Concen: 0.221 ug/l
RT: 7.836 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

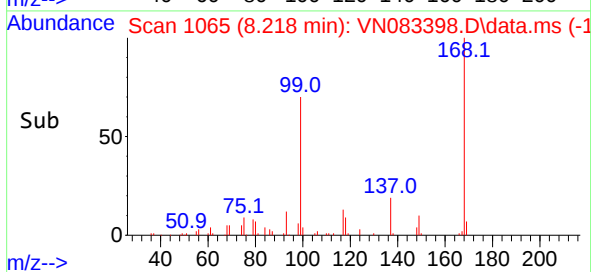
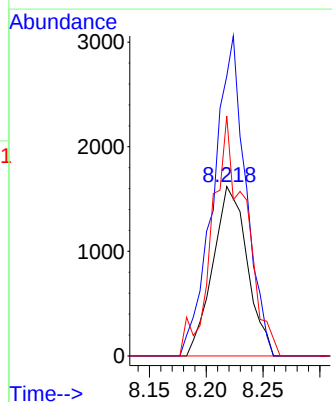
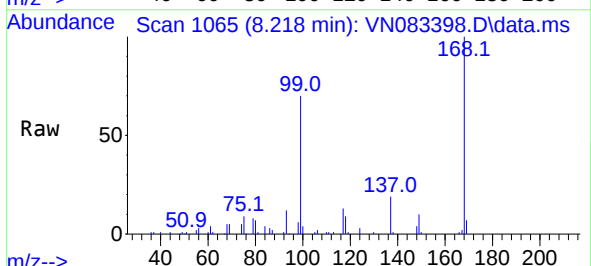


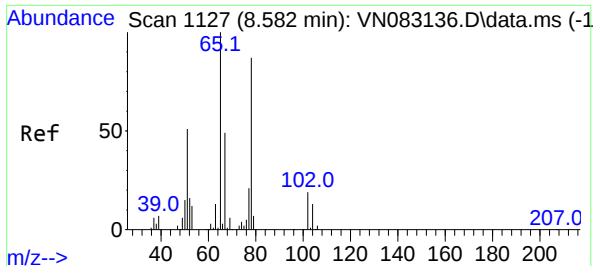
Tgt Ion: 42 Resp: 169
Ion Ratio Lower Upper
42 100
72 0.0 30.0 45.0#
71 0.0 28.3 42.5#



#31
Cyclohexane
Concen: 1.170 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Tgt Ion: 56 Resp: 3414
Ion Ratio Lower Upper
56 100
69 165.1 24.5 36.7#
84 141.6 66.0 99.0#

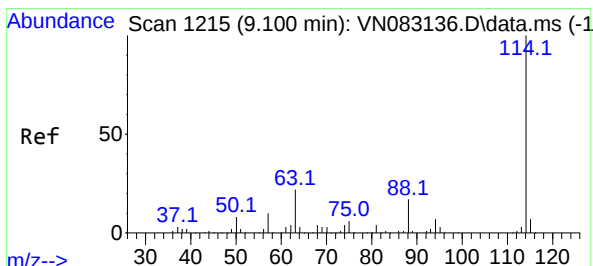
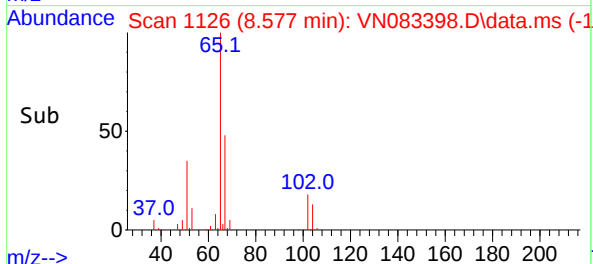
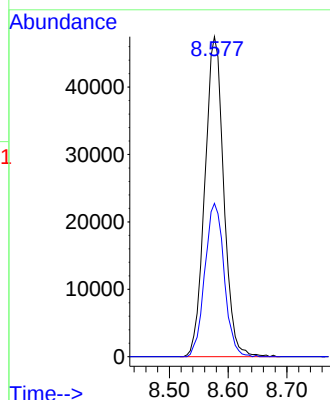
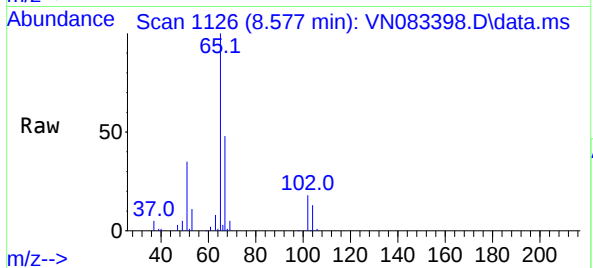




#33
1,2-Dichloroethane-d4
Concen: 53.783 ug/l
RT: 8.577 min Scan# 1127
Delta R.T. -0.005 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

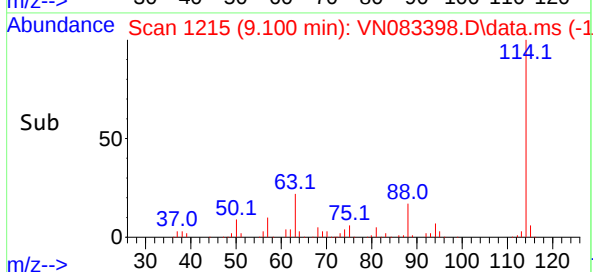
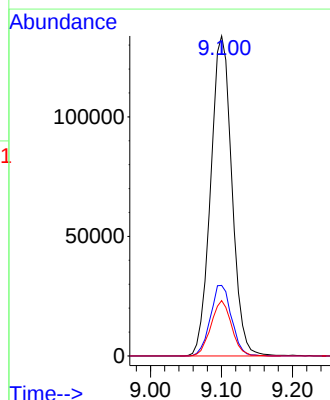
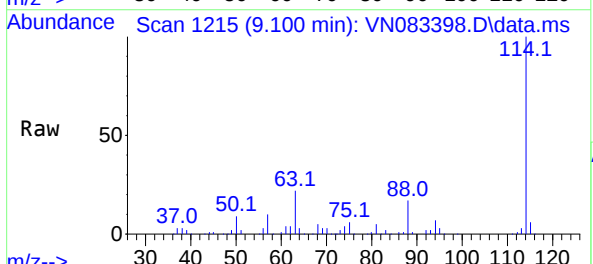
Instrument :
MSVOA_N
ClientSampleId :

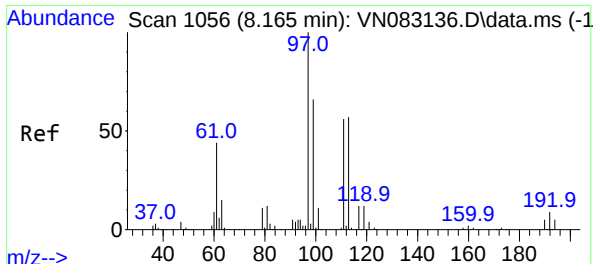
Tgt Ion: 65 Resp: 105887
Ion Ratio Lower Upper
65 100
67 49.1 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

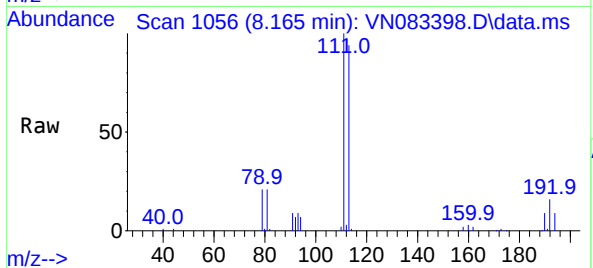
Tgt Ion:114 Resp: 276717
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.6
88 17.3 0.0 31.4



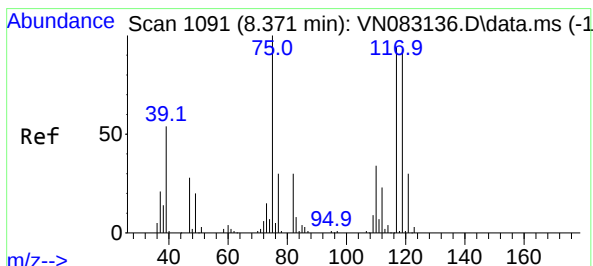
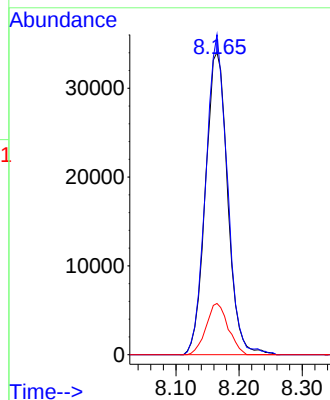
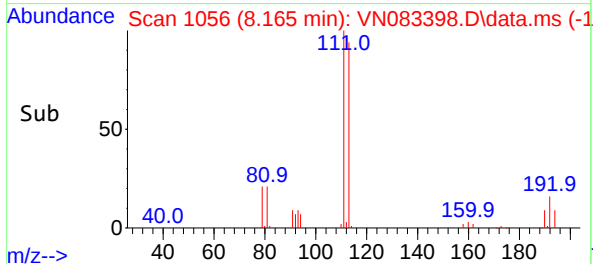


#35
Dibromofluoromethane
Concen: 48.142 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

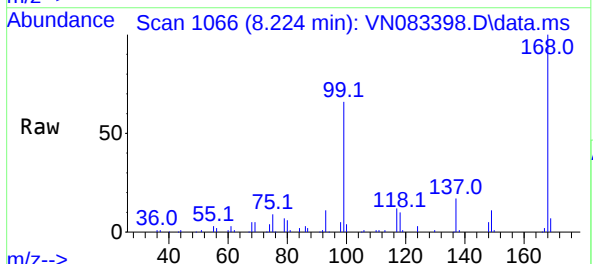
Instrument :
MSVOA_N
ClientSampleId :



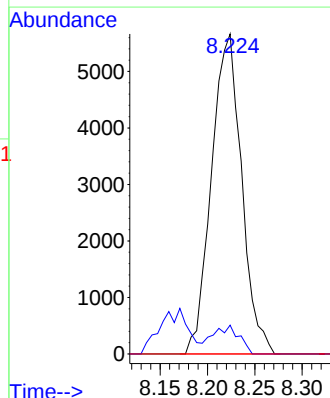
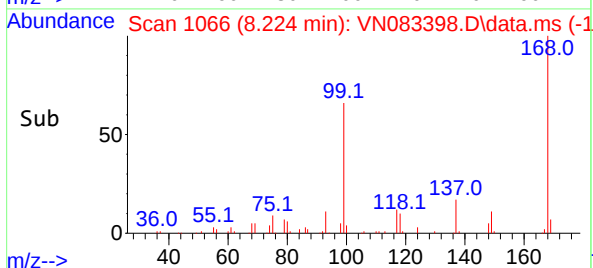
Tgt Ion:113 Resp: 83151
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 16.8 14.9 22.3

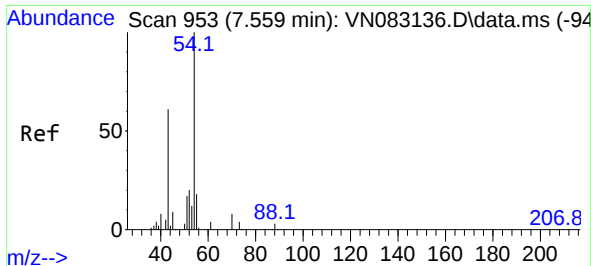


#36
1,1-Dichloropropene
Concen: 4.798 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12



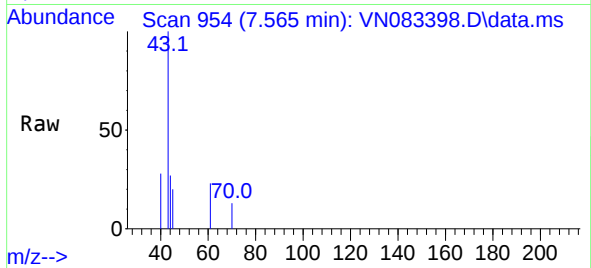
Tgt Ion: 75 Resp: 12535
Ion Ratio Lower Upper
75 100
110 7.7 16.3 48.9#
77 0.0 24.6 37.0#



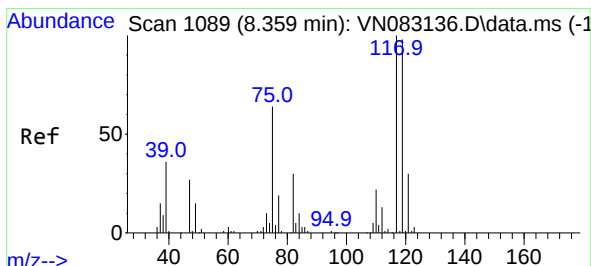
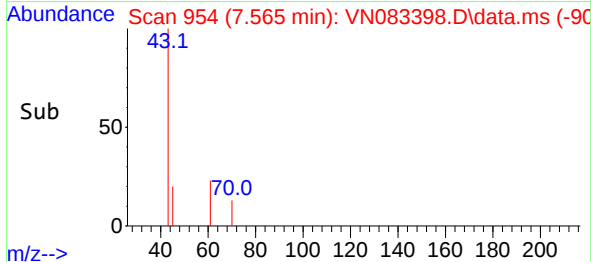
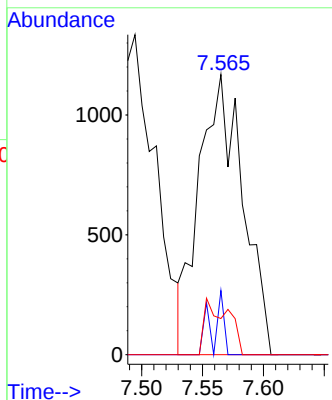


#37
Ethyl Acetate
Concen: 0.999 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

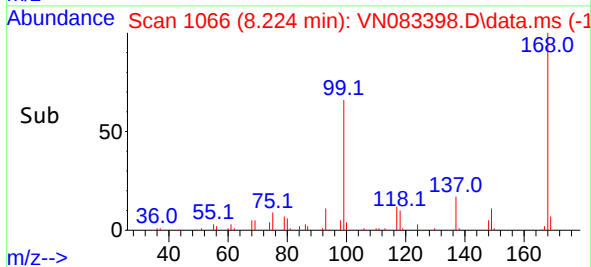
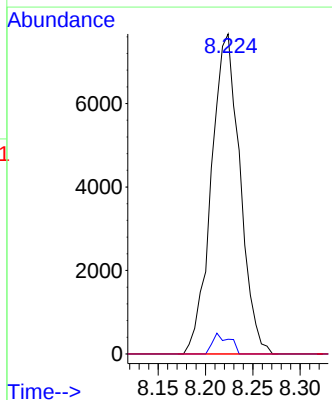
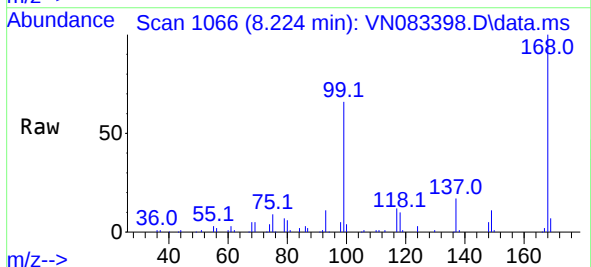


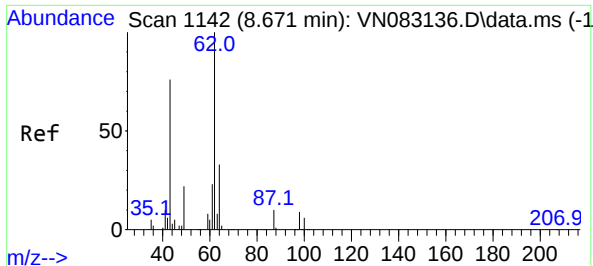
Tgt Ion: 43 Resp: 2922
Ion Ratio Lower Upper
43 100
61 2.6 9.3 13.9#
70 10.7 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 5.488 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Tgt Ion: 117 Resp: 16150
Ion Ratio Lower Upper
117 100
119 4.6 74.9 112.3#
121 0.0 24.3 36.5#





#42

1,2-Dichloroethane

Concen: 0.275 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN083398.D

Acq: 20 Aug 2024 14:12

Instrument :

MSVOA_N

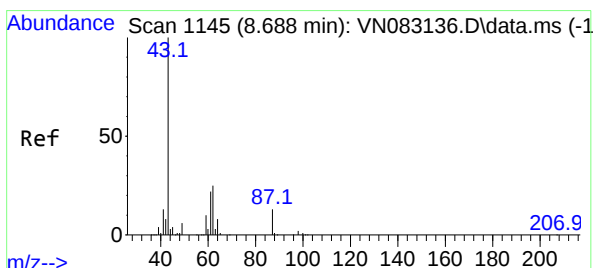
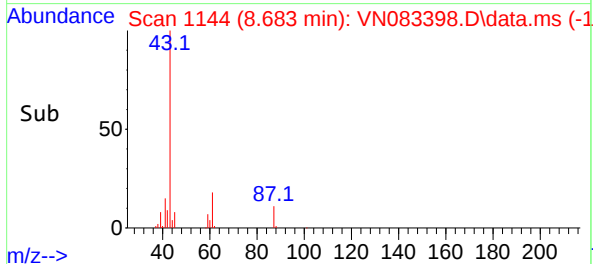
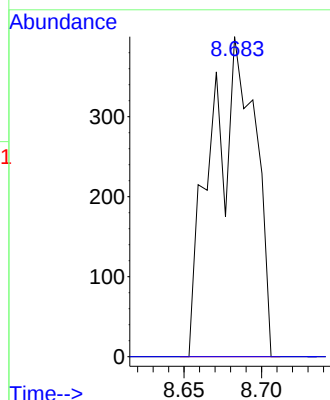
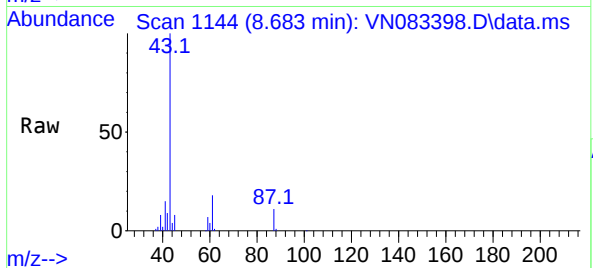
ClientSampleId :

Tgt Ion: 62 Resp: 781

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 27.419 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083398.D

Acq: 20 Aug 2024 14:12

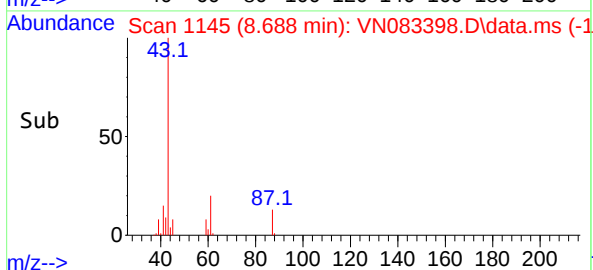
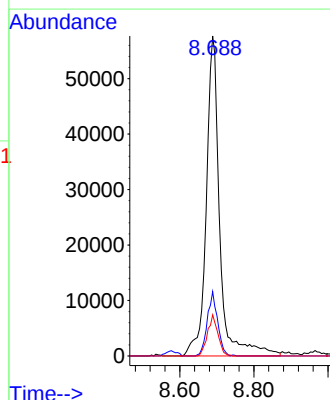
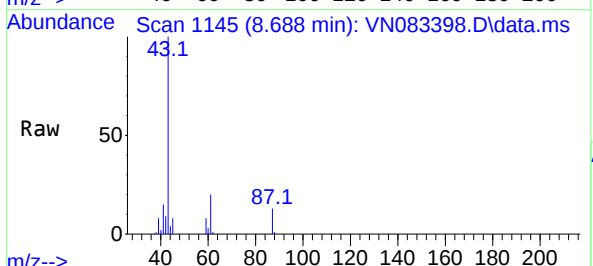
Tgt Ion: 43 Resp: 145003

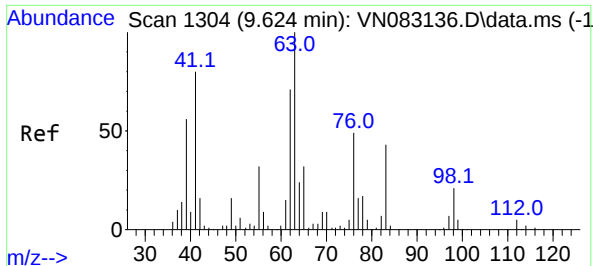
Ion Ratio Lower Upper

43 100

61 15.5 17.8 26.6#

87 9.9 8.2 12.2

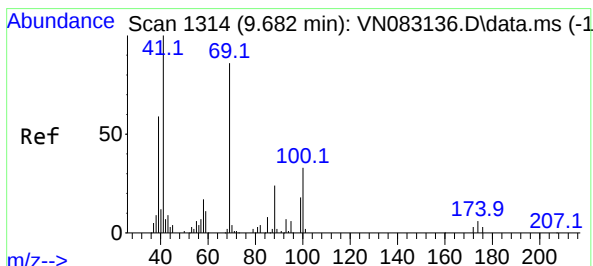
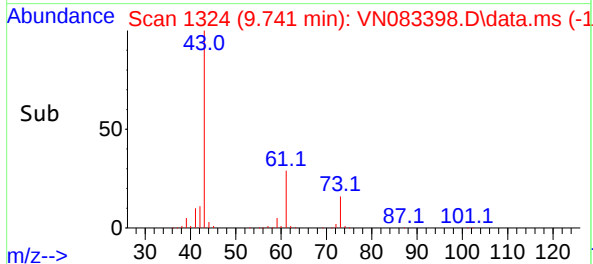
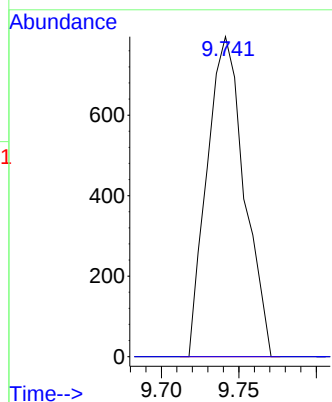
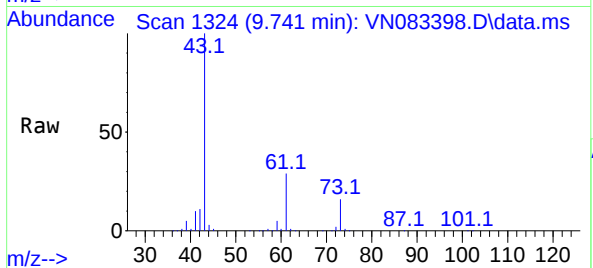




#45
1,2-Dichloropropane
Concen: 0.719 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

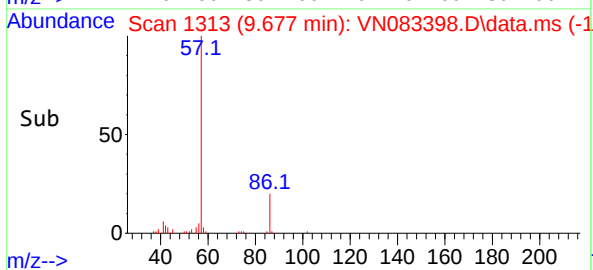
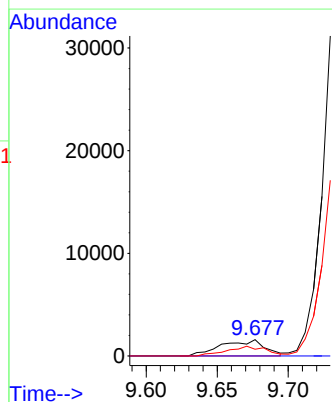
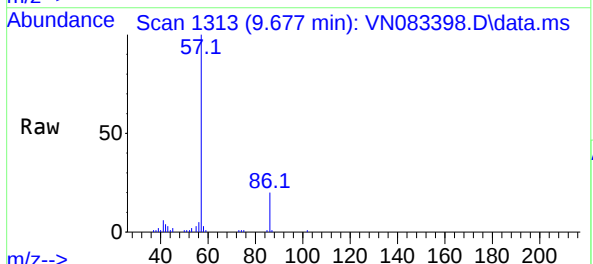
Instrument :
MSVOA_N
ClientSampleId :

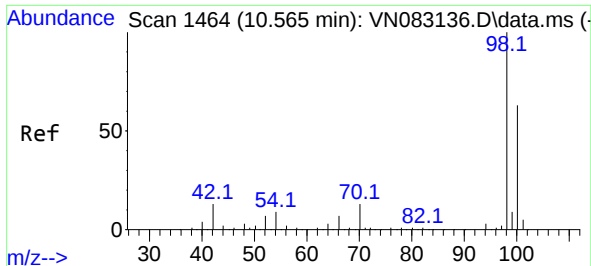
Tgt Ion: 63 Resp: 1329
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#



#48
Methyl methacrylate
Concen: 1.382 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

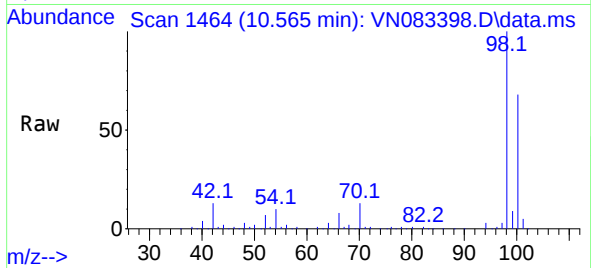
Tgt Ion: 41 Resp: 3343
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 55.4 50.3 75.5



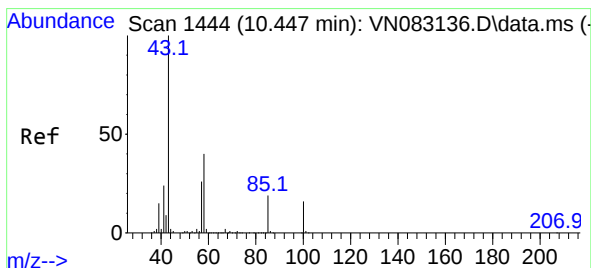
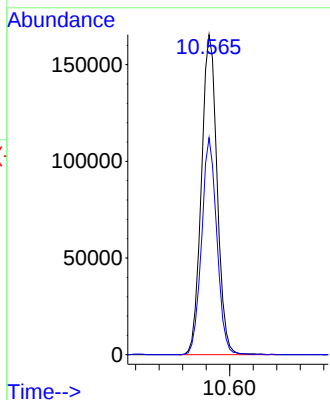
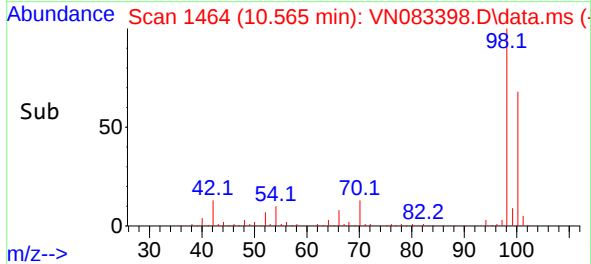


#50
Toluene-d8
Concen: 47.697 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

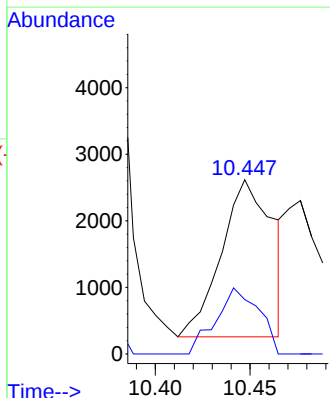
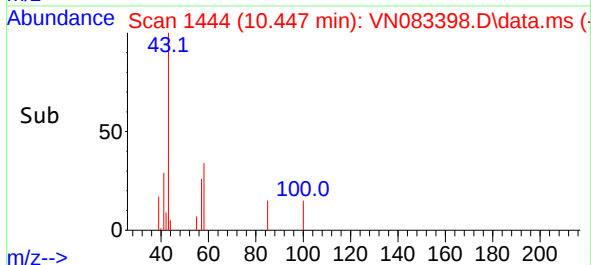
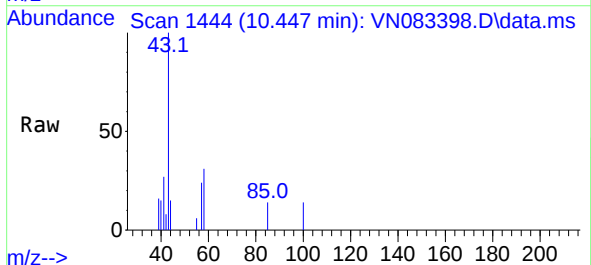


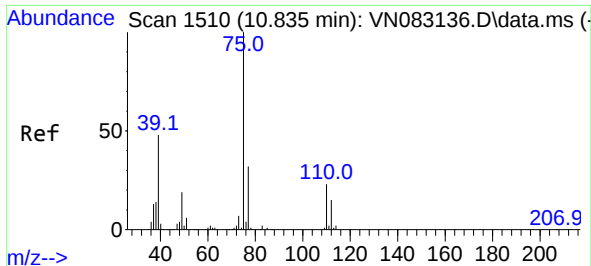
Tgt Ion: 98 Resp: 307306
Ion Ratio Lower Upper
98 100
100 65.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 1.607 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

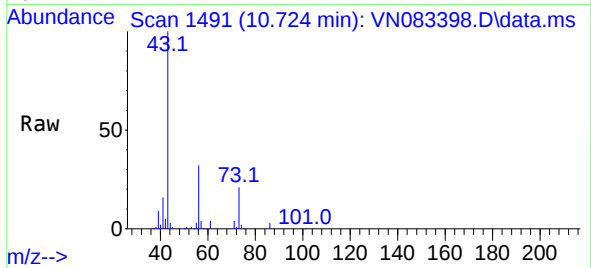
Tgt Ion: 43 Resp: 4445
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.4



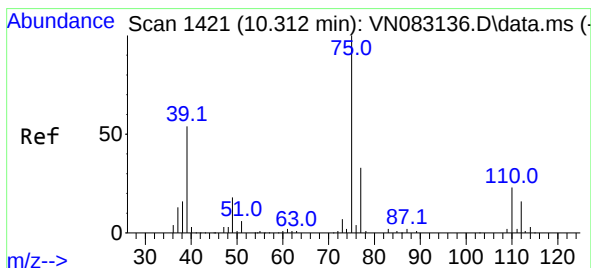
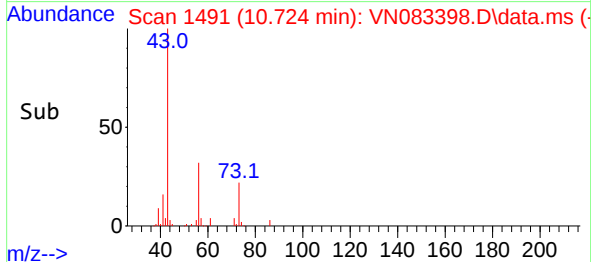
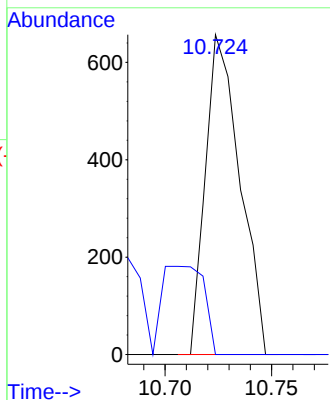


#53
t-1,3-Dichloropropene
Concen: 0.243 ug/l
RT: 10.724 min Scan# 1491
Delta R.T. -0.112 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

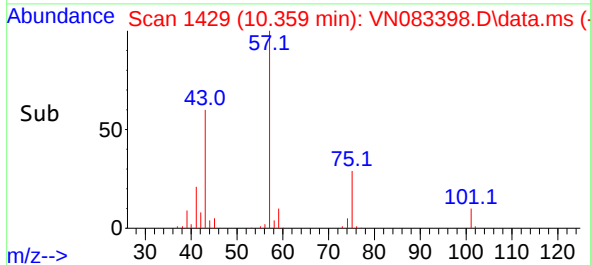
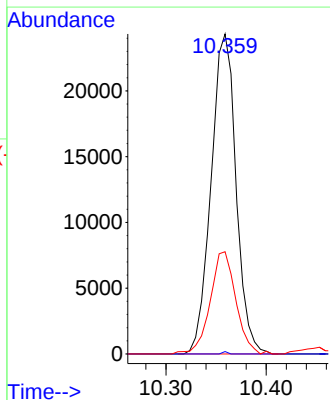
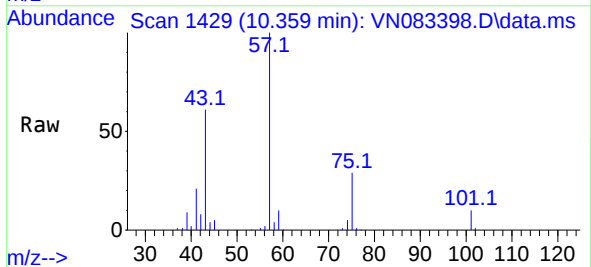


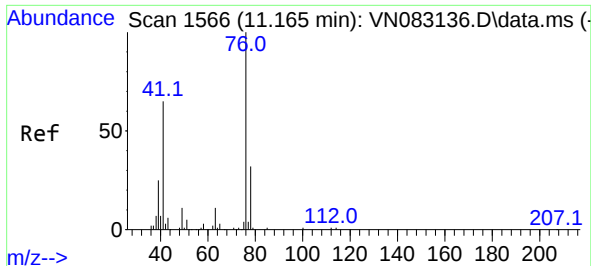
Tgt Ion: 75 Resp: 741
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 12.953 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Tgt Ion: 75 Resp: 42023
Ion Ratio Lower Upper
75 100
77 0.8 24.3 36.5#
39 31.9 50.5 75.7#





#57

1,3-Dichloropropane

Concen: 1.571 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.035 min

Lab File: VN083398.D

Acq: 20 Aug 2024 14:12

Instrument :

MSVOA_N

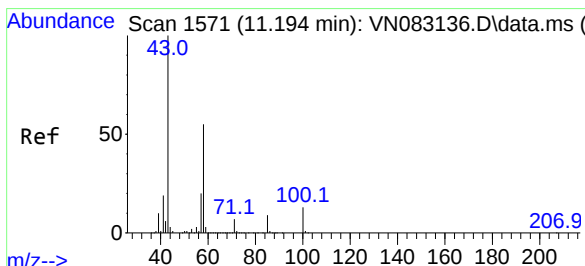
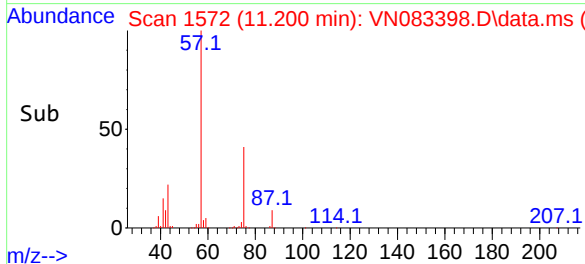
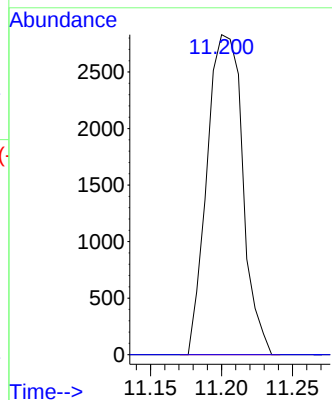
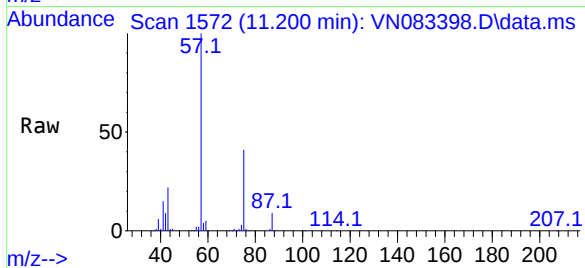
ClientSampleId :

Tgt Ion: 76 Resp: 4934

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 30.940 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN083398.D

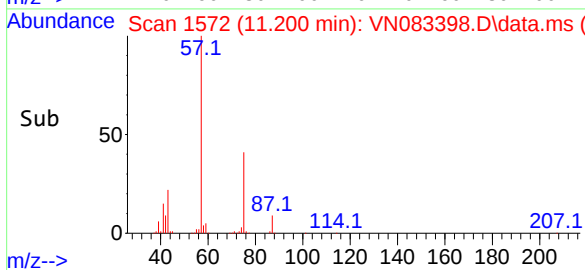
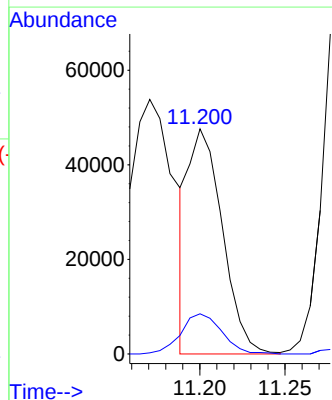
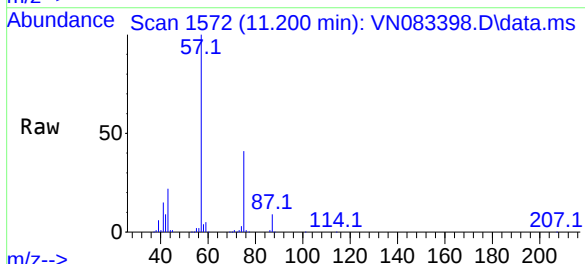
Acq: 20 Aug 2024 14:12

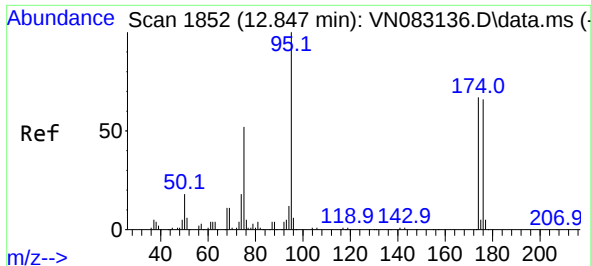
Tgt Ion: 43 Resp: 66218

Ion Ratio Lower Upper

43 100

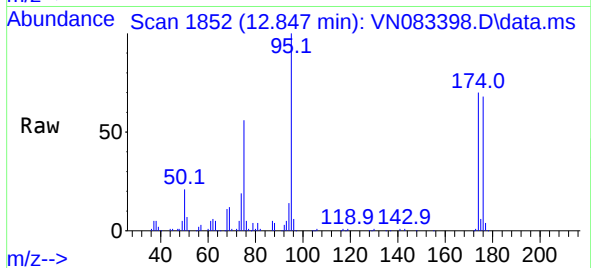
58 21.5 24.6 73.8#



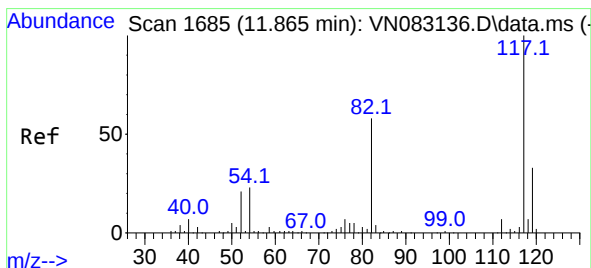
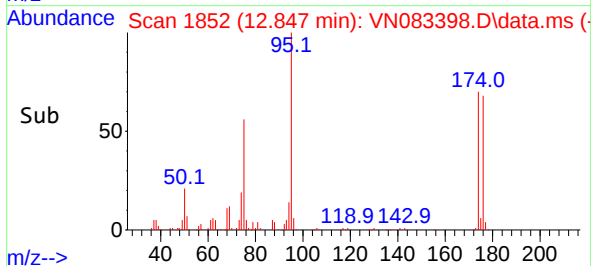
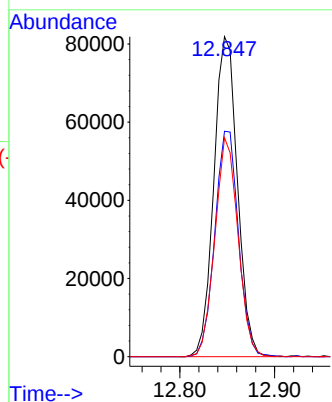


#62
4-Bromofluorobenzene
Concen: 56.331 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :

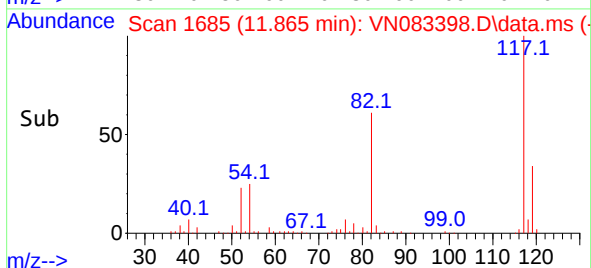
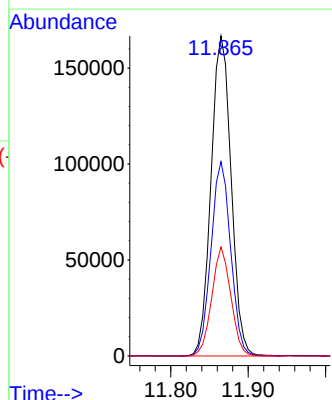
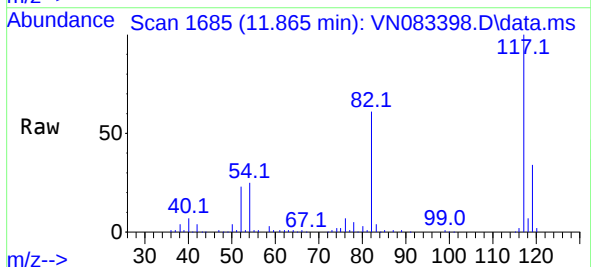


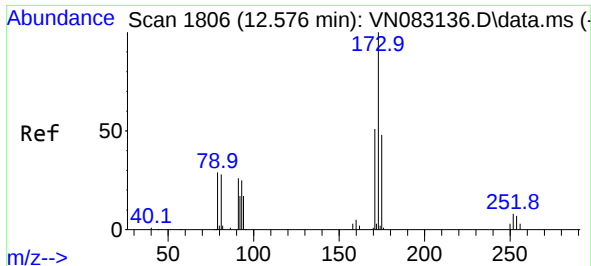
Tgt Ion: 95 Resp: 141494
Ion Ratio Lower Upper
95 100
174 70.7 0.0 159.2
176 67.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

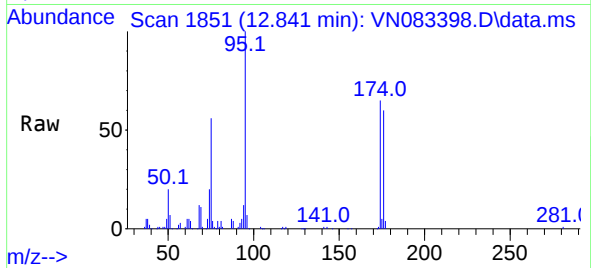
Tgt Ion: 117 Resp: 301468
Ion Ratio Lower Upper
117 100
82 60.7 47.5 71.3
119 34.1 25.6 38.4



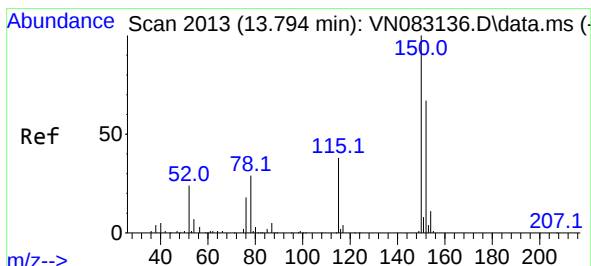
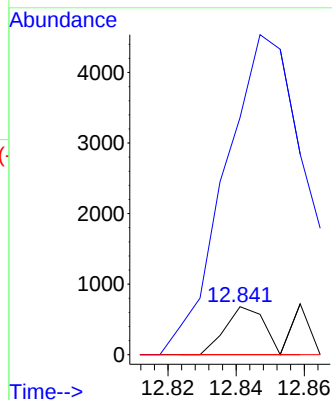
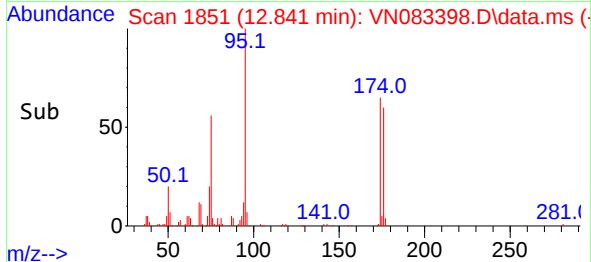


#71
Bromoform
Concen: 0.302 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

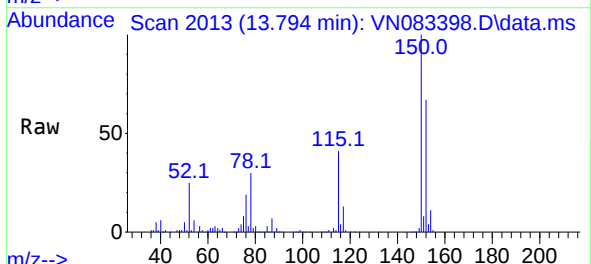
Instrument :
MSVOA_N
ClientSampleId :



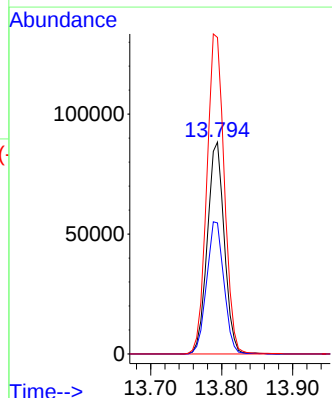
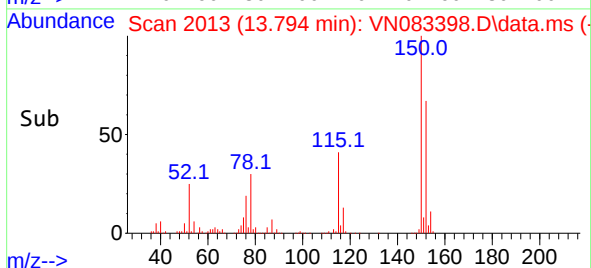
Tgt Ion:173 Resp: 538
Ion Ratio Lower Upper
173 100
175 1041.6 24.0 72.0#
254 0.0 0.0 0.0

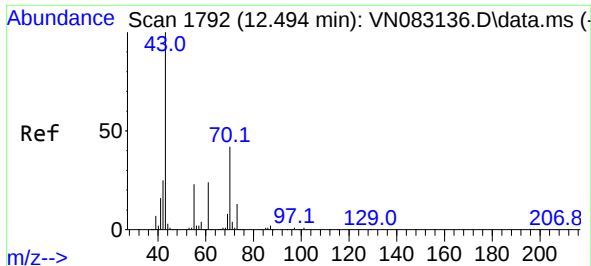


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12



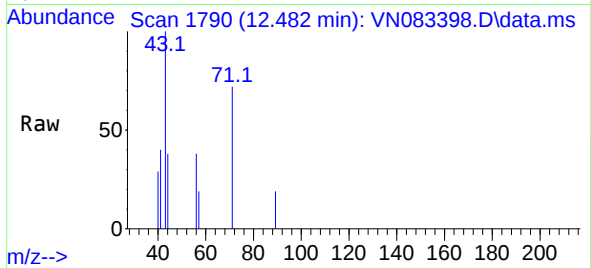
Tgt Ion:152 Resp: 146623
Ion Ratio Lower Upper
152 100
115 63.8 30.6 91.6
150 155.6 0.0 348.6





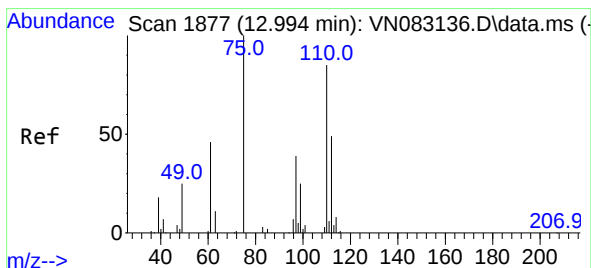
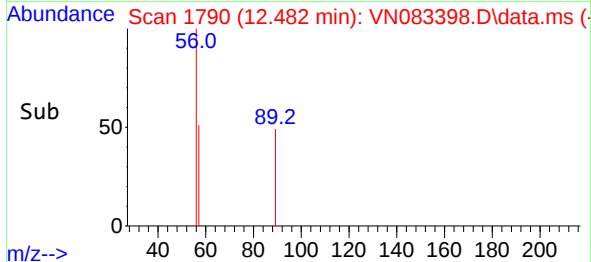
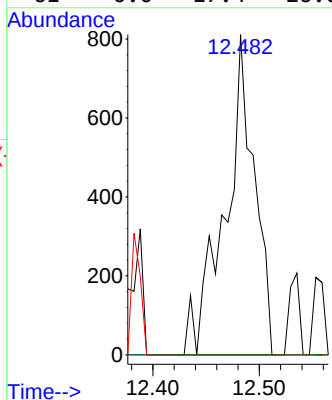
#74
N-amy1 acetate
Concen: 0.259 ug/l
RT: 12.482 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 1554

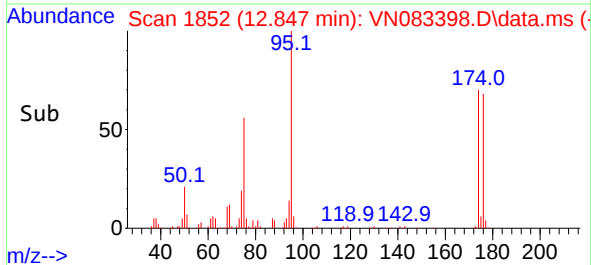
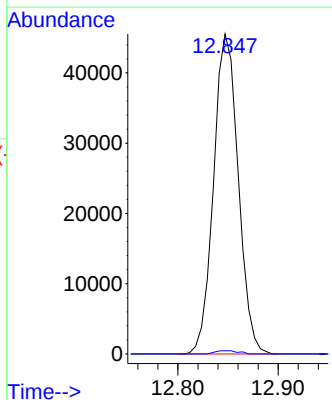
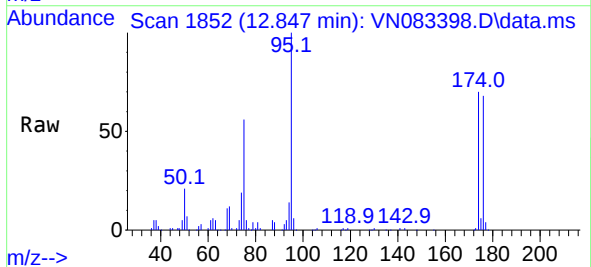
Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.6#
55	0.0	18.7	28.1#
61	0.0	17.4	26.0#

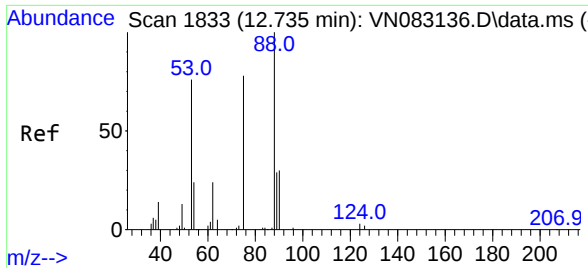


#76
1,2,3-Trichloropropane
Concen: 24.111 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Tgt Ion: 75 Resp: 77591

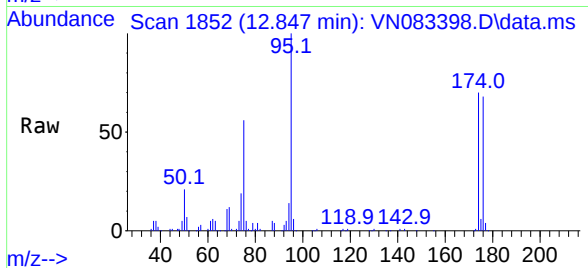
Ion	Ratio	Lower	Upper
75	100		
77	1.0	110.9	332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.448 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083398.D
 Acq: 20 Aug 2024 14:12

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 77591
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

