

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083520.D
 Acq On : 27 Aug 2024 19:32
 Operator : JC\MD
 Sample : P3739-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 28 01:52:25 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

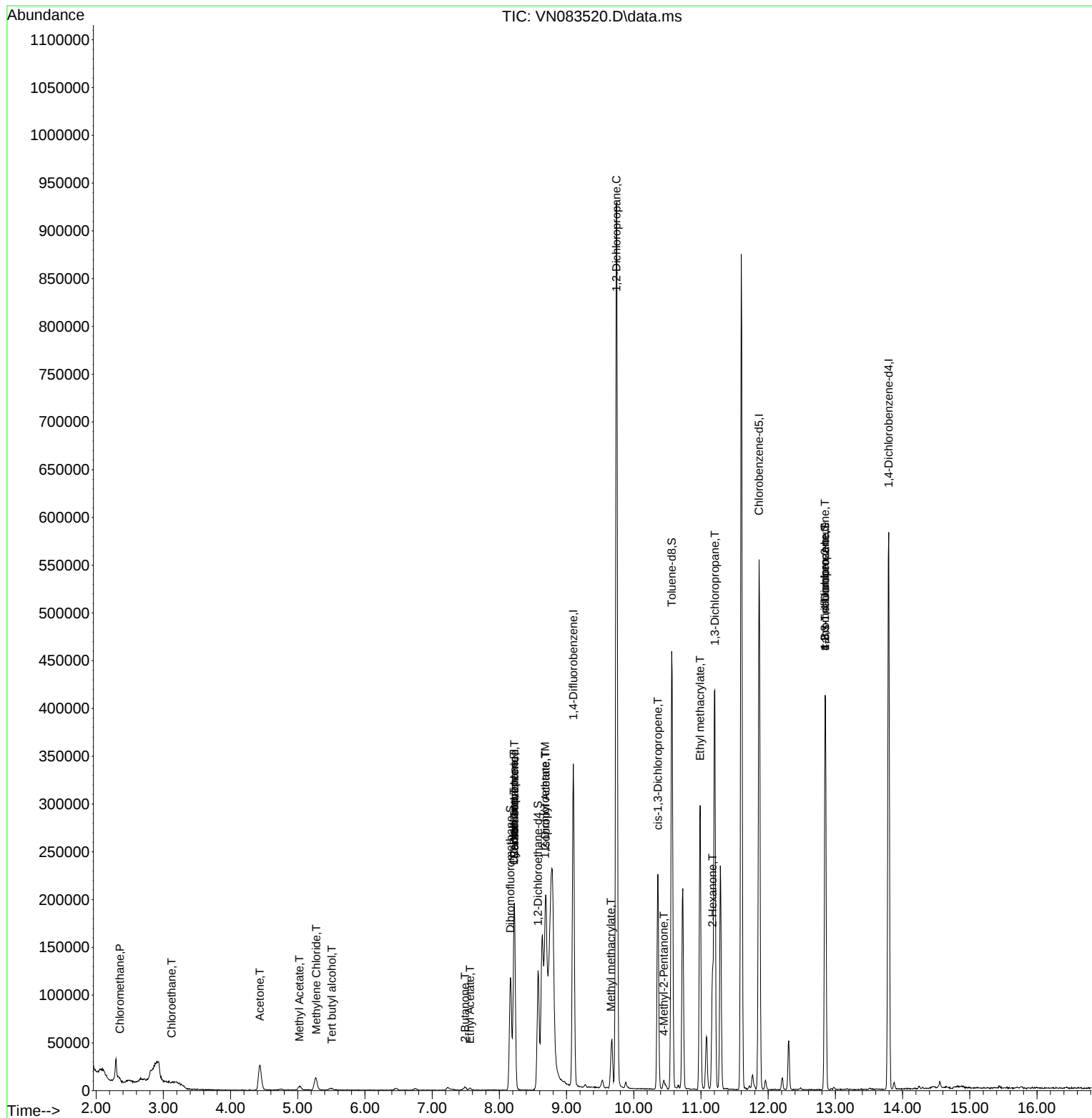
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	133147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106751	56.327	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.660%
35) Dibromofluoromethane	8.165	113	83532	48.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.060%
50) Toluene-d8	10.565	98	309091	48.137	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.280%
62) 4-Bromofluorobenzene	12.847	95	148501	59.322	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	118.640%
Target Compounds						Qvalue
3) Chloromethane	2.353	50	592	0.383	ug/l #	43
6) Chloroethane	3.124	64	272	0.276	ug/l #	41
11) Tert butyl alcohol	5.506	59	2771	7.036	ug/l #	71
16) Acetone	4.436	43	50578	68.203	ug/l	99
18) Methyl Acetate	5.024	43	9261	4.191	ug/l #	81
20) Methylene Chloride	5.277	84	9612	5.632	ug/l	85
25) 2-Butanone	7.488	43	6263	5.500	ug/l #	78
31) Cyclohexane	8.218	56	3368	1.199	ug/l #	10
36) 1,1-Dichloropropene	8.218	75	12482	4.793	ug/l #	50
37) Ethyl Acetate	7.565	43	2765	0.948	ug/l	96
38) Carbon Tetrachloride	8.224	117	15552	5.303	ug/l #	19
42) 1,2-Dichloroethane	8.682	62	1061	0.375	ug/l #	78
43) Isopropyl Acetate	8.688	43	256782	50.839	ug/l #	78
45) 1,2-Dichloropropane	9.741	63	1217	0.661	ug/l #	44
48) Methyl methacrylate	9.659	41	3556	1.475	ug/l #	51
51) 4-Methyl-2-Pentanone	10.447	43	9765	3.542	ug/l #	81
54) cis-1,3-Dichloropropene	10.359	75	39611	12.251	ug/l #	55
56) Ethyl methacrylate	10.988	69	870	0.263	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	4514	1.442	ug/l #	43
59) 2-Hexanone	11.171	43	98235	46.056	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	82580	25.078	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	82580	54.550	ug/l #	6

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
Data File : VN083520.D
Acq On : 27 Aug 2024 19:32
Operator : JC\MD
Sample : P3739-16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

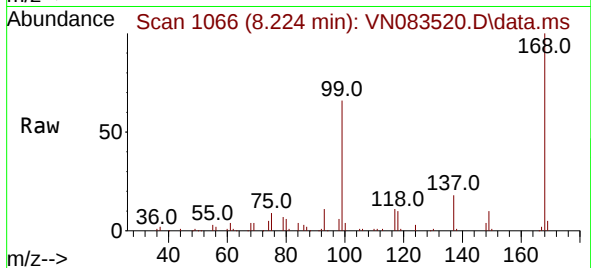
Quant Time: Aug 28 01:52:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



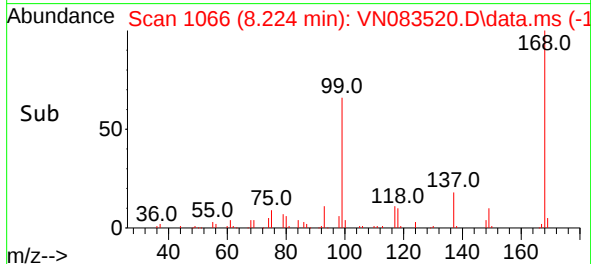
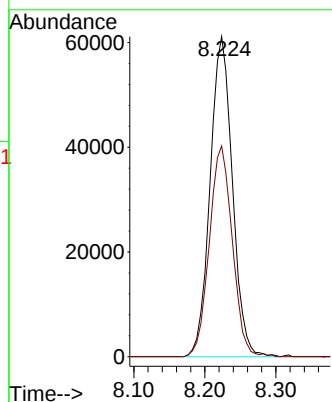


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Instrument :
MSVOA_N
ClientSampleId :

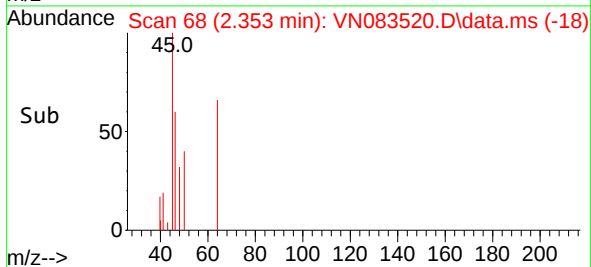
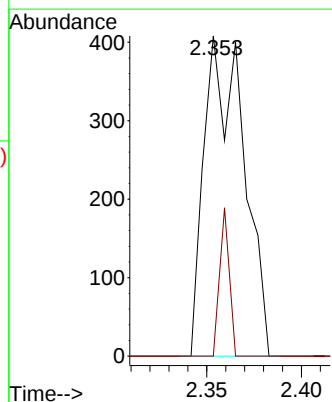
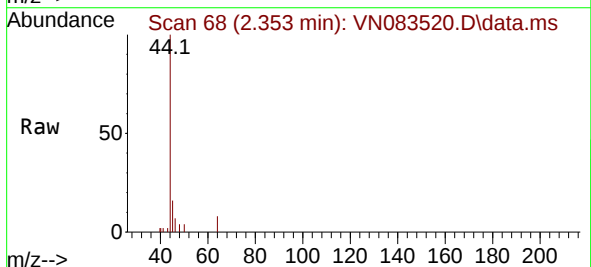


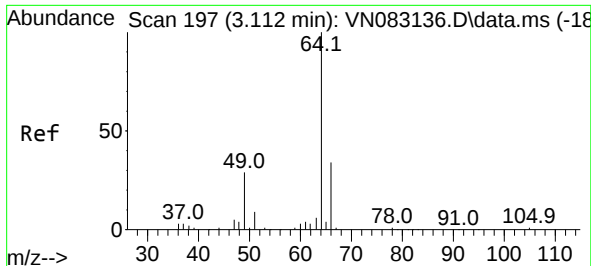
Tgt Ion:168 Resp: 133147
Ion Ratio Lower Upper
168 100
99 65.9 48.2 72.4



#3
Chloromethane
Concen: 0.383 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Tgt Ion: 50 Resp: 592
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

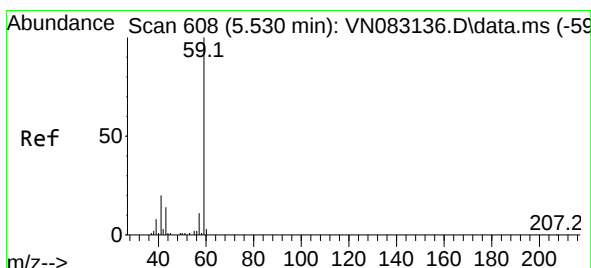
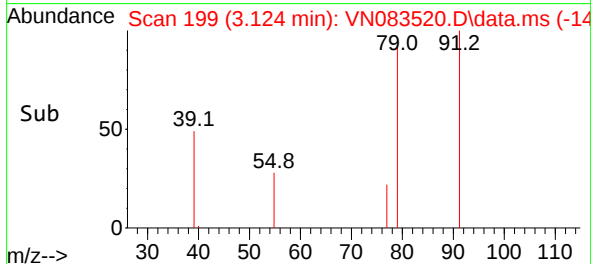
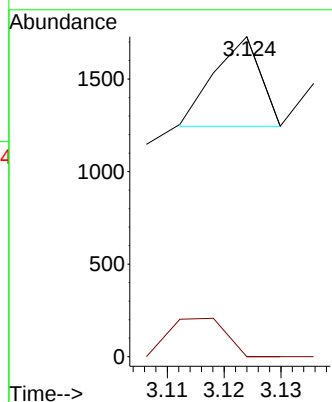
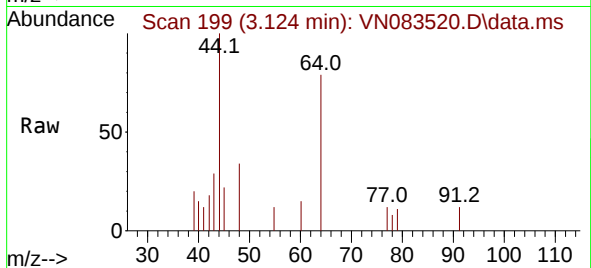




#6
Chloroethane
Concen: 0.276 ug/l
RT: 3.124 min Scan# 197
Delta R.T. 0.012 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

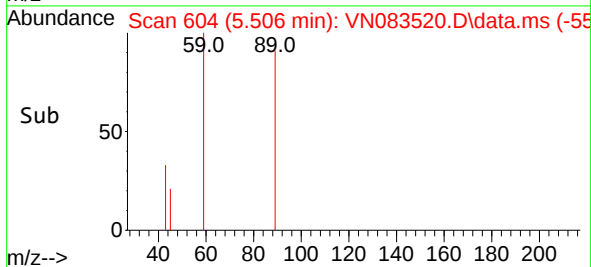
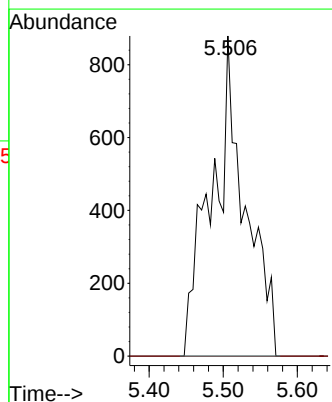
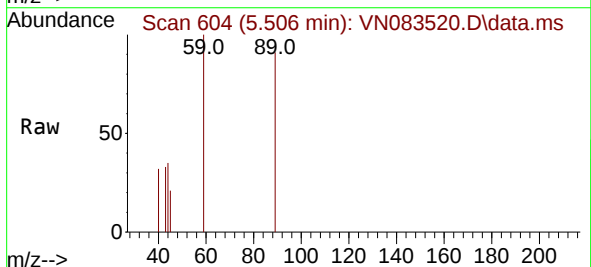
Instrument :
MSVOA_N
ClientSampleId :

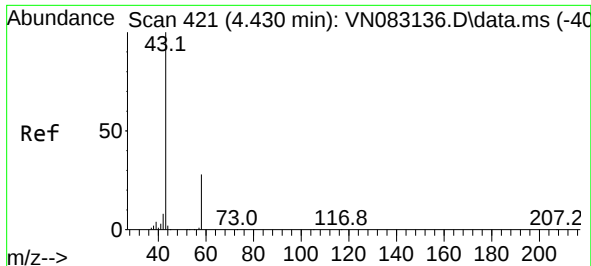
Tgt Ion: 64 Resp: 272
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#11
Tert butyl alcohol
Concen: 7.036 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.024 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Tgt Ion: 59 Resp: 2771
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

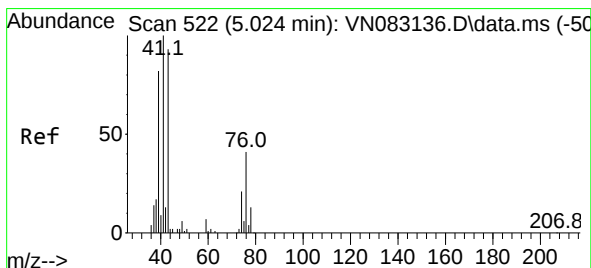
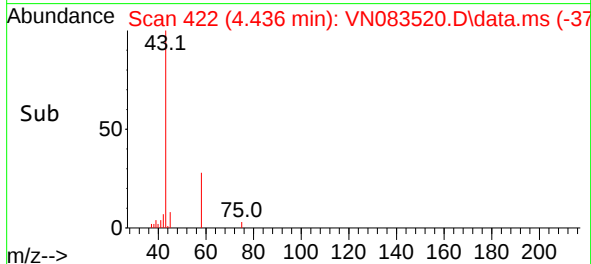
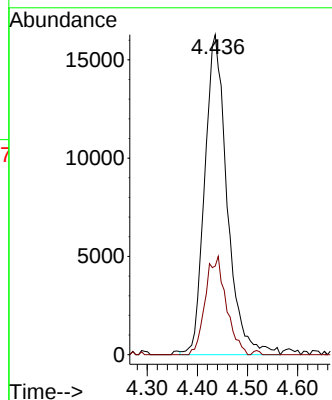
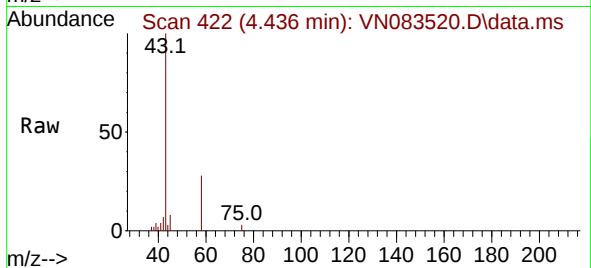




#16
Acetone
Concen: 68.203 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

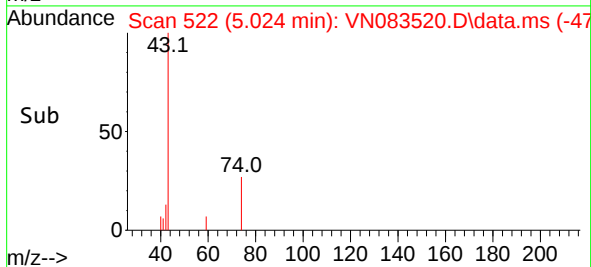
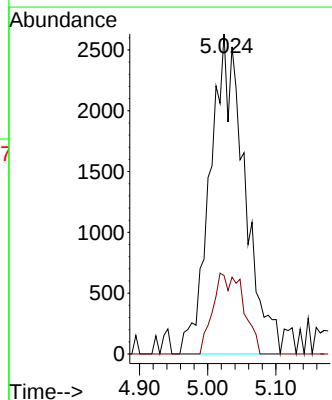
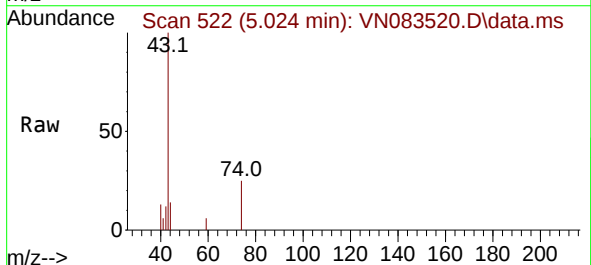
Instrument :
MSVOA_N
ClientSampleId :

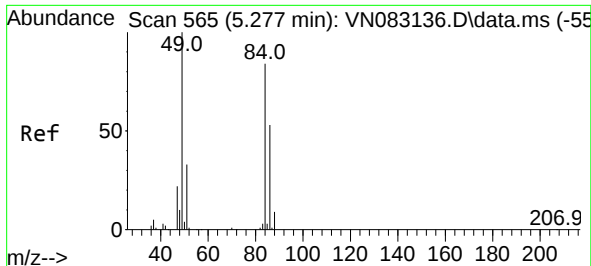
Tgt Ion: 43 Resp: 50578
Ion Ratio Lower Upper
43 100
58 27.7 21.8 32.6



#18
Methyl Acetate
Concen: 4.191 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

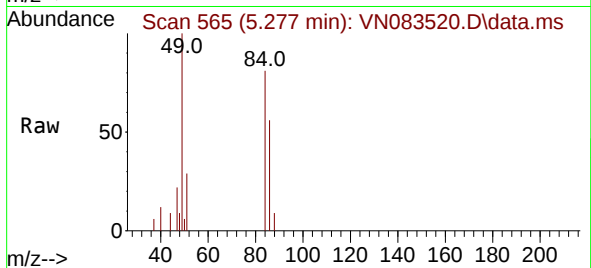
Tgt Ion: 43 Resp: 9261
Ion Ratio Lower Upper
43 100
74 11.6 16.3 24.5#



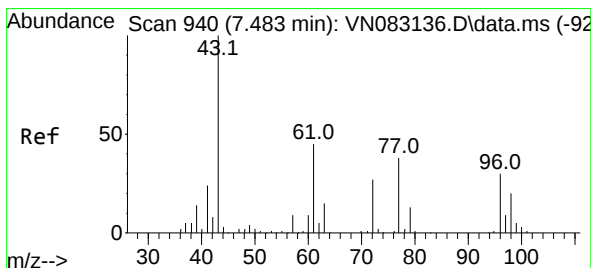
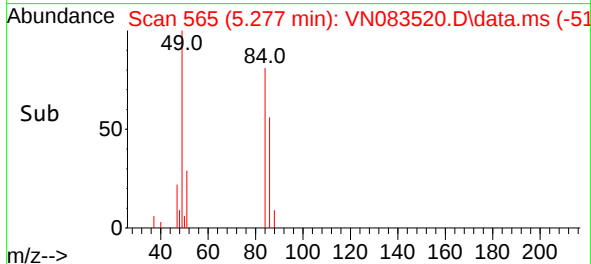
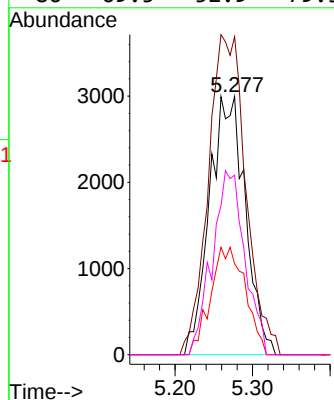


#20
Methylene Chloride
Concen: 5.632 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Instrument :
MSVOA_N
ClientSampleId :

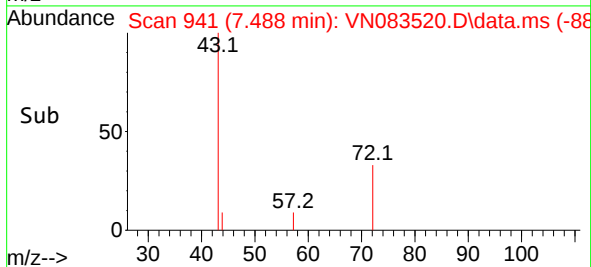
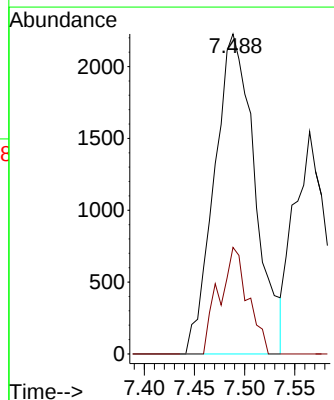
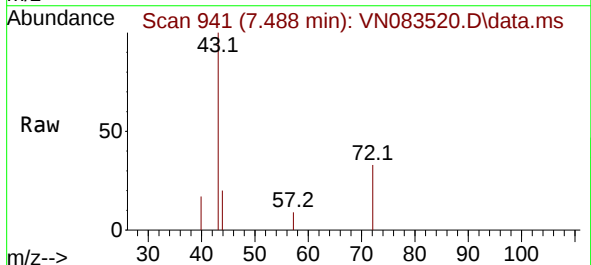


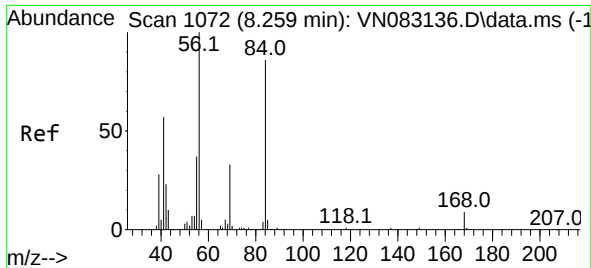
Tgt Ion:	84	Resp:	9612
Ion	Ratio	Lower	Upper
84	100		
49	123.1	119.6	179.4
51	35.2	34.8	52.2
86	69.5	52.9	79.3



#25
2-Butanone
Concen: 5.500 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

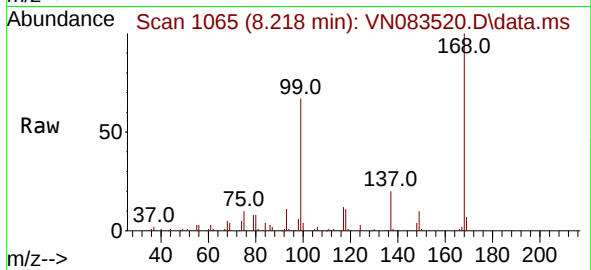
Tgt Ion:	43	Resp:	6263
Ion	Ratio	Lower	Upper
43	100		
72	33.3	18.2	27.2#



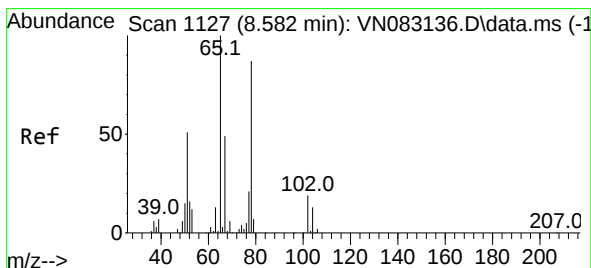
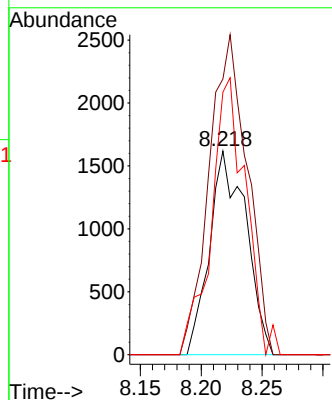
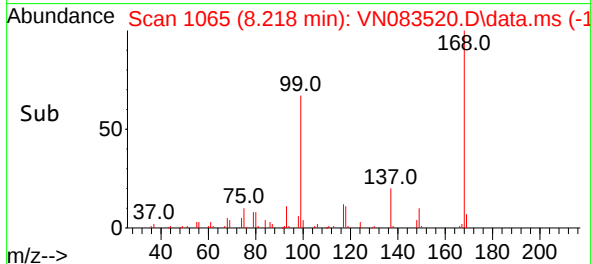


#31
Cyclohexane
Concen: 1.199 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Instrument :
MSVOA_N
ClientSampleId :

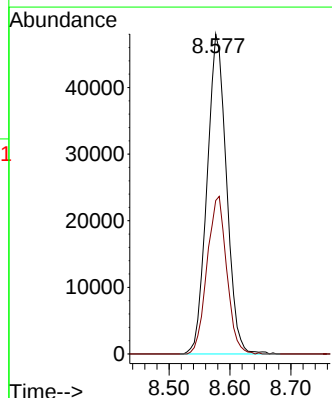
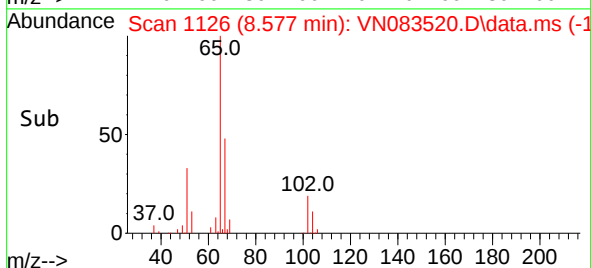
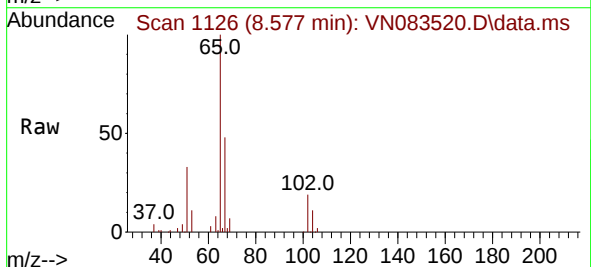


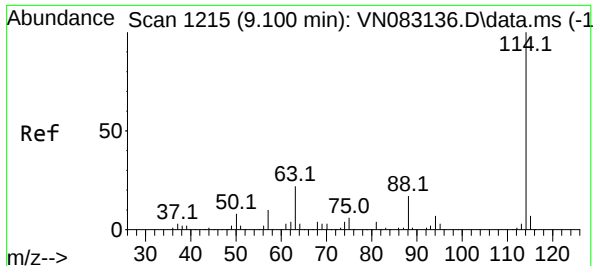
Tgt Ion: 56 Resp: 3368
Ion Ratio Lower Upper
56 100
69 135.5 24.5 36.7#
84 129.1 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.327 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Tgt Ion: 65 Resp: 106751
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.4

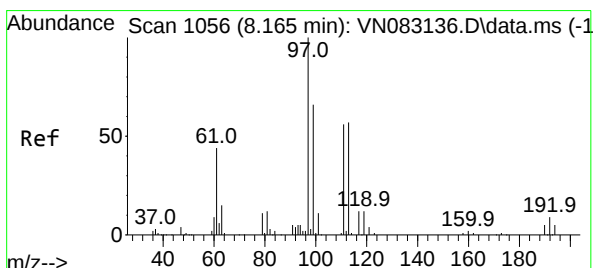
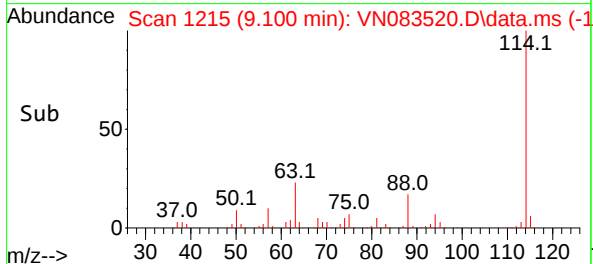
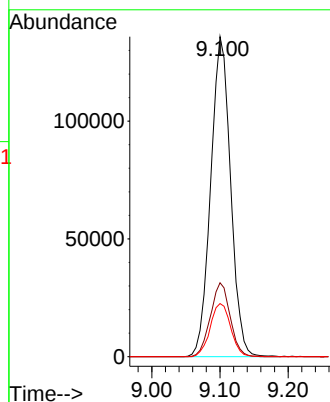
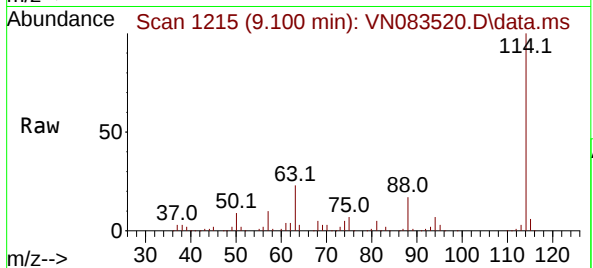




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

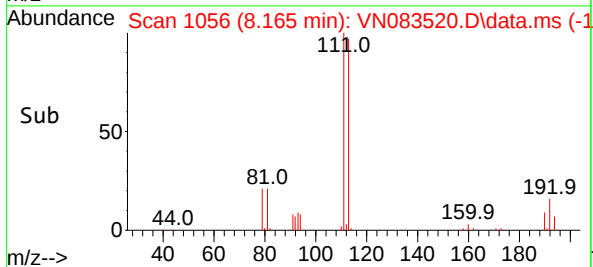
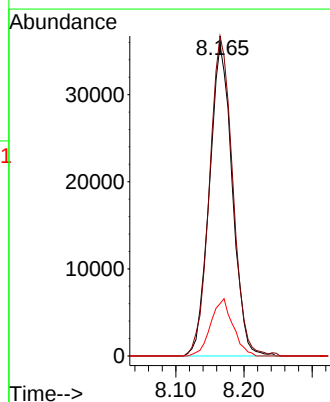
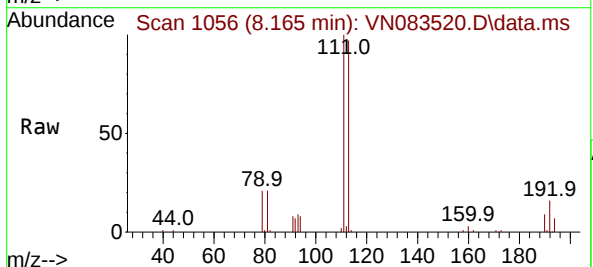
Instrument :
MSVOA_N
ClientSampleId :

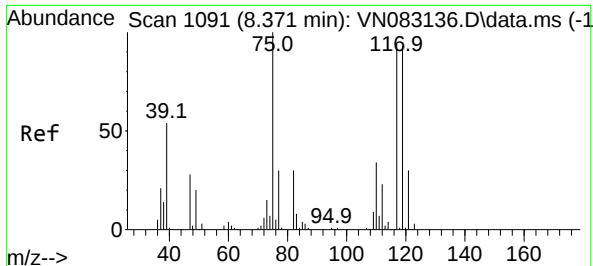
Tgt Ion:114 Resp: 275781
Ion Ratio Lower Upper
114 100
63 23.1 0.0 44.6
88 16.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.527 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Tgt Ion:113 Resp: 83532
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 17.8 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.793 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.153 min

Lab File: VN083520.D

Acq: 27 Aug 2024 19:32

Instrument :

MSVOA_N

ClientSampleId :

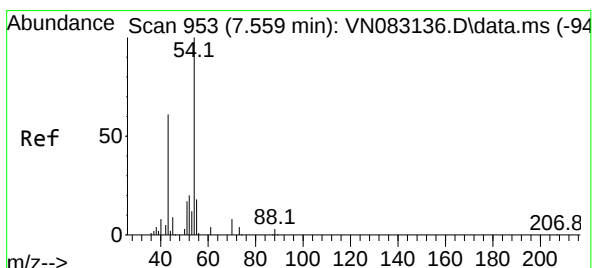
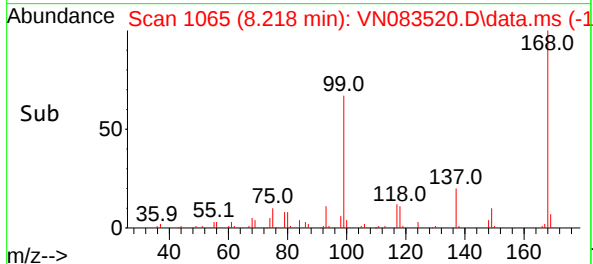
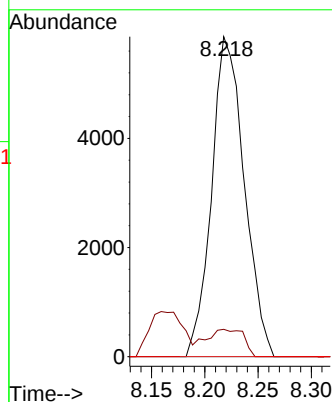
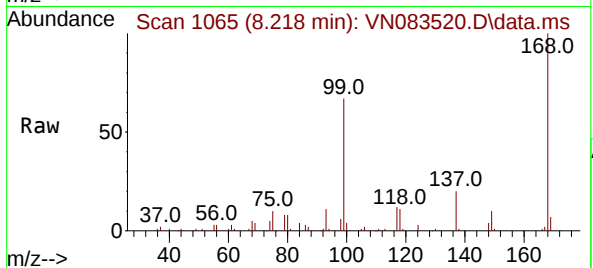
Tgt Ion: 75 Resp: 12482

Ion Ratio Lower Upper

75 100

110 8.2 16.3 48.9#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 0.948 ug/l

RT: 7.565 min Scan# 954

Delta R.T. 0.006 min

Lab File: VN083520.D

Acq: 27 Aug 2024 19:32

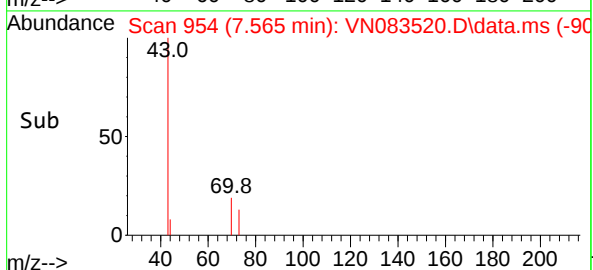
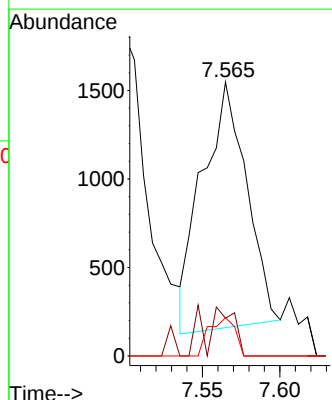
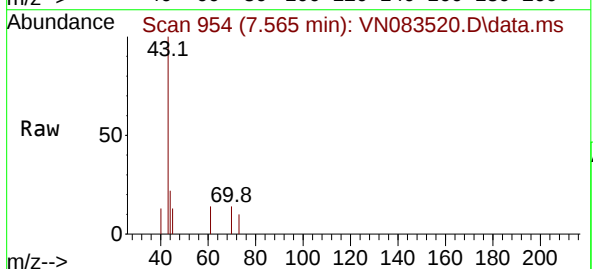
Tgt Ion: 43 Resp: 2765

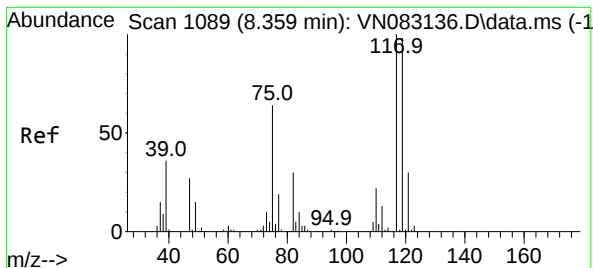
Ion Ratio Lower Upper

43 100

61 9.4 9.3 13.9

70 9.1 7.0 10.6





#38

Carbon Tetrachloride

Concen: 5.303 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.135 min

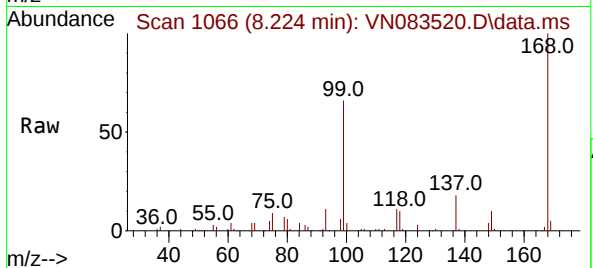
Lab File: VN083520.D

Acq: 27 Aug 2024 19:32

Instrument :

MSVOA_N

ClientSampleId :



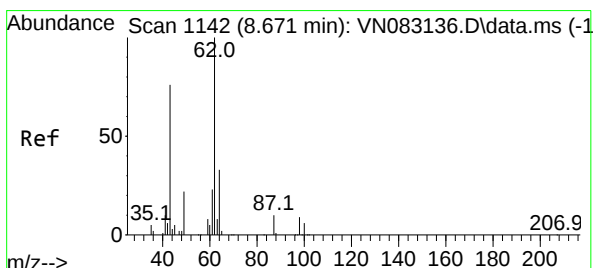
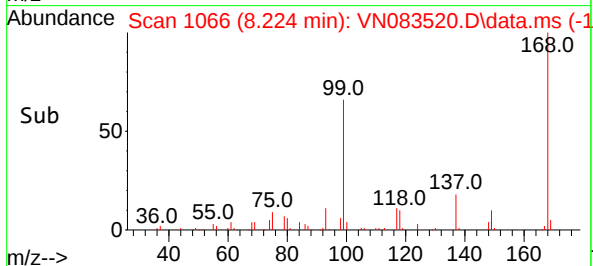
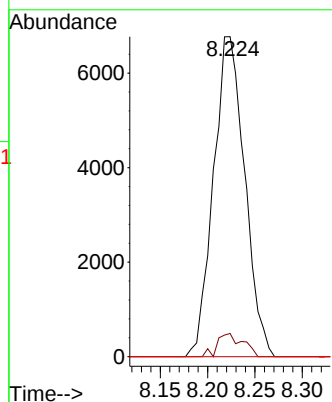
Tgt Ion:117 Resp: 15552

Ion Ratio Lower Upper

117 100

119 7.3 74.9 112.3#

121 0.0 24.3 36.5#



#42

1,2-Dichloroethane

Concen: 0.375 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN083520.D

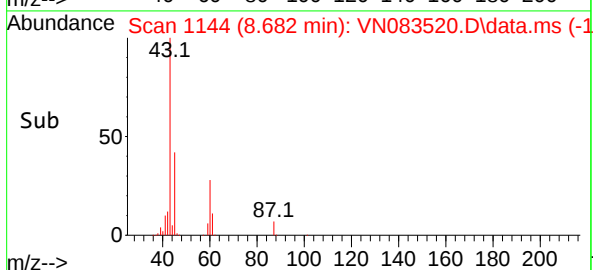
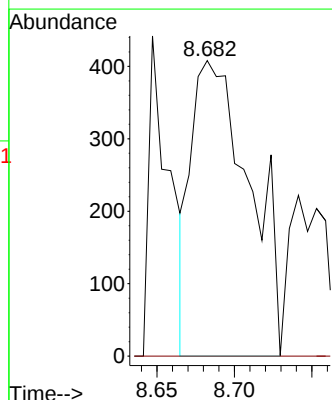
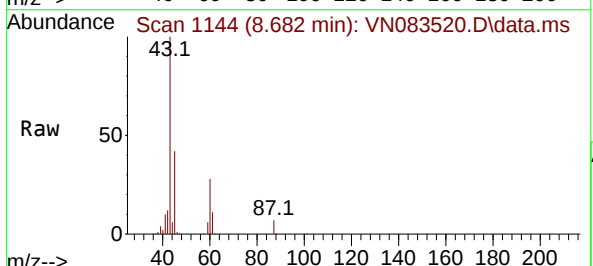
Acq: 27 Aug 2024 19:32

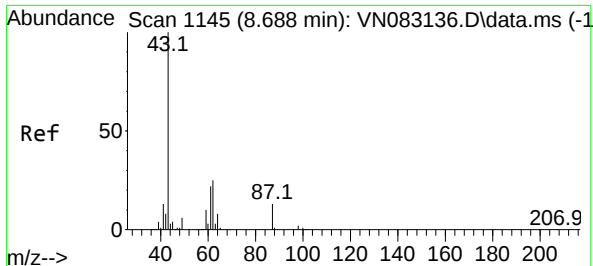
Tgt Ion: 62 Resp: 1061

Ion Ratio Lower Upper

62 100

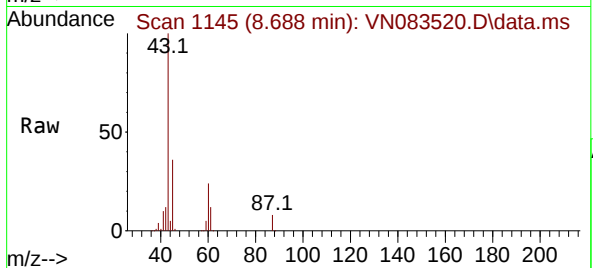
98 0.0 0.0 15.8



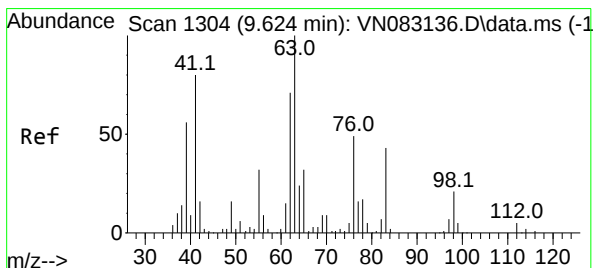
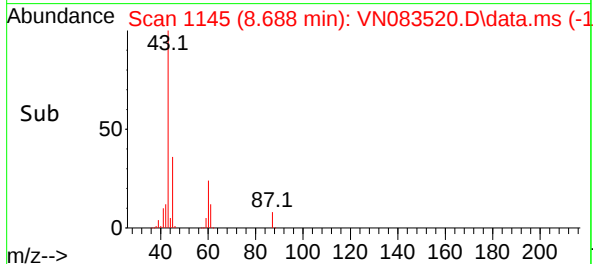
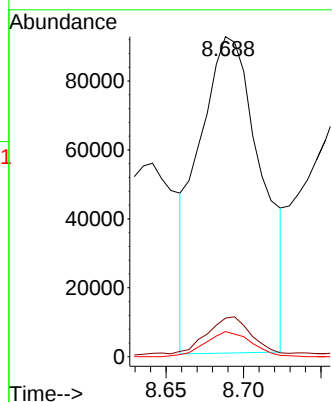


#43
Isopropyl Acetate
Concen: 50.839 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Instrument :
MSVOA_N
ClientSampleId :

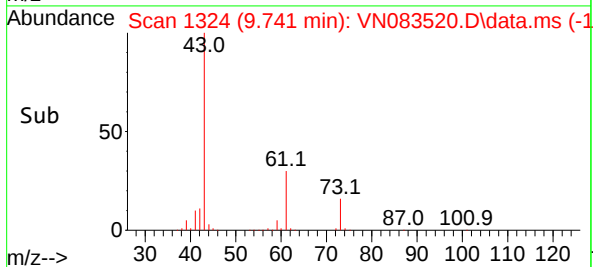
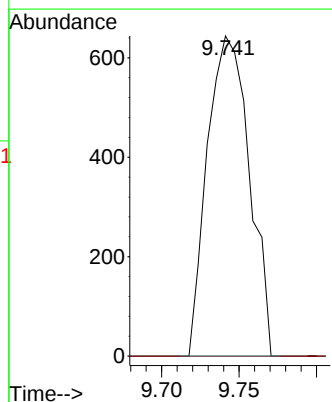
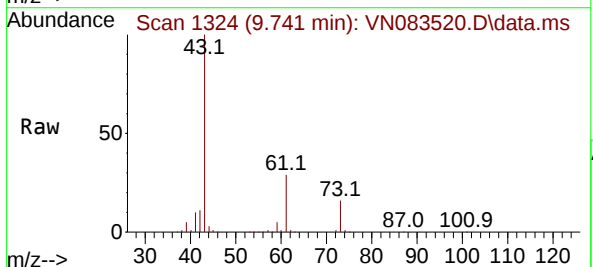


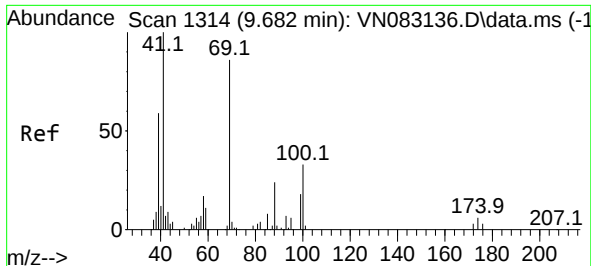
Tgt Ion: 43 Resp: 256782
Ion Ratio Lower Upper
43 100
61 9.6 17.8 26.6#
87 5.9 8.2 12.2#



#45
1,2-Dichloropropane
Concen: 0.661 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

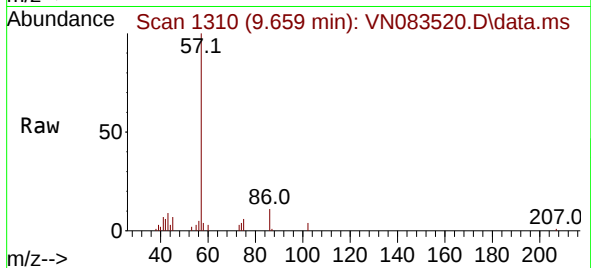
Tgt Ion: 63 Resp: 1217
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#



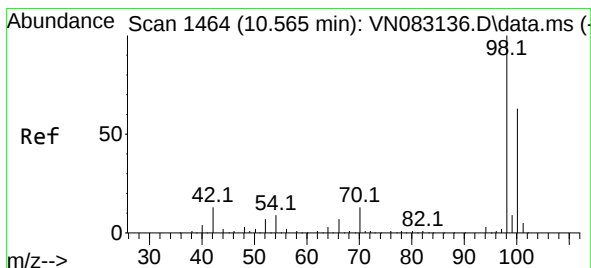
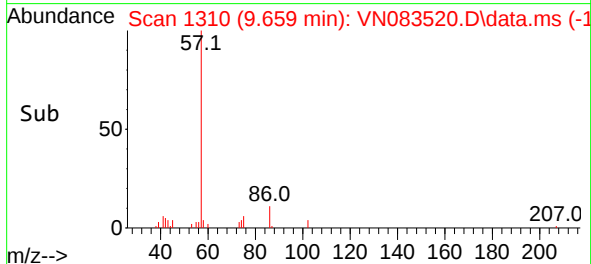
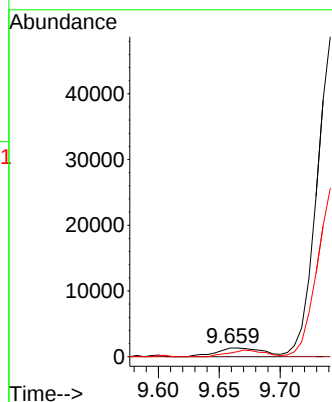


#48
Methyl methacrylate
Concen: 1.475 ug/l
RT: 9.659 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Instrument :
MSVOA_N
ClientSampleId :

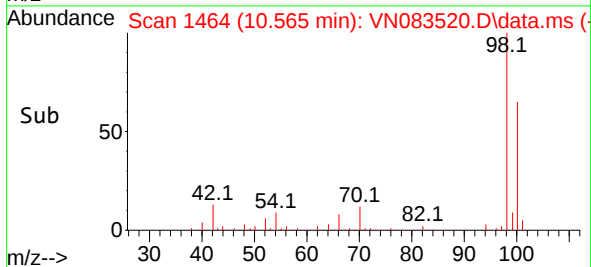
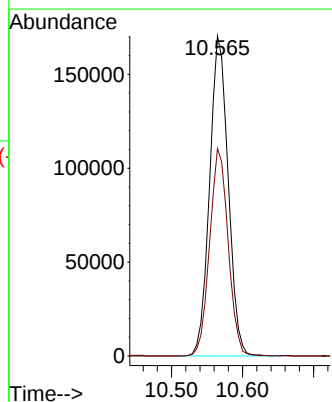
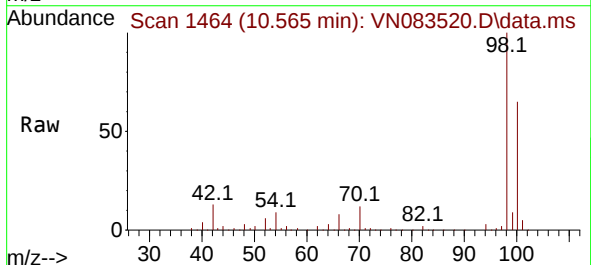


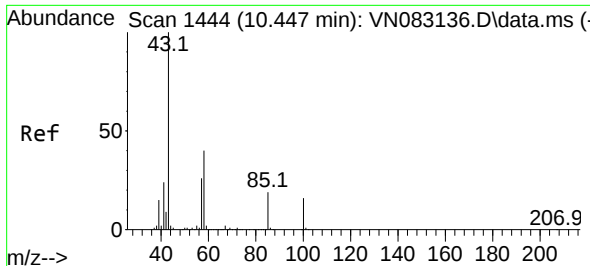
Tgt Ion: 41 Resp: 3556
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 56.9 50.3 75.5



#50
Toluene-d8
Concen: 48.137 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

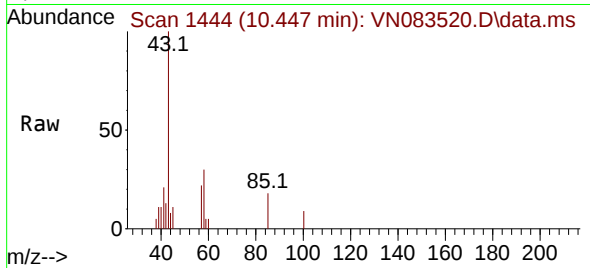
Tgt Ion: 98 Resp: 309091
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



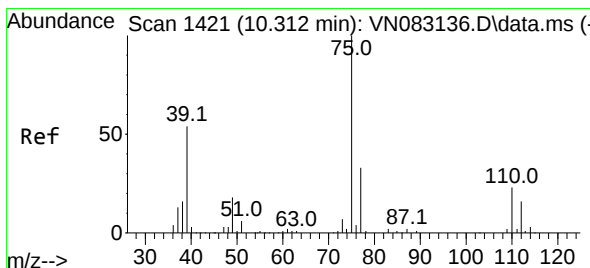
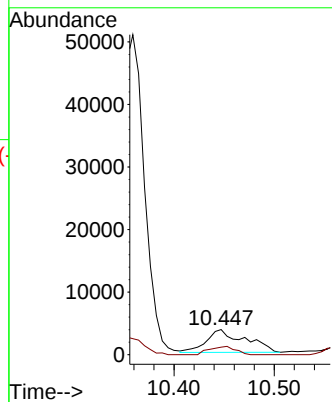
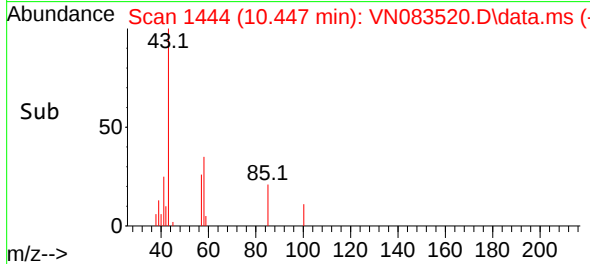


#51
4-Methyl-2-Pentanone
Concen: 3.542 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Instrument :
MSVOA_N
ClientSampleId :

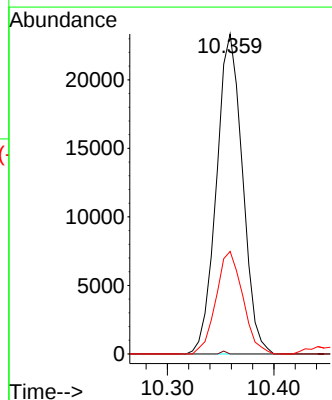
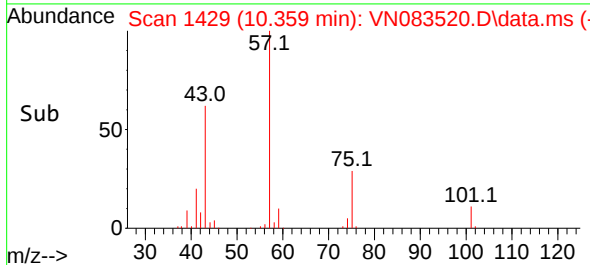
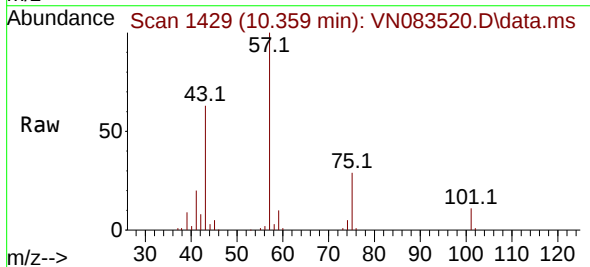


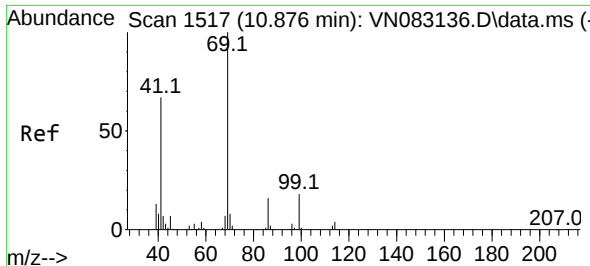
Tgt Ion: 43 Resp: 9765
Ion Ratio Lower Upper
43 100
58 24.4 28.2 42.4#



#54
cis-1,3-Dichloropropene
Concen: 12.251 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

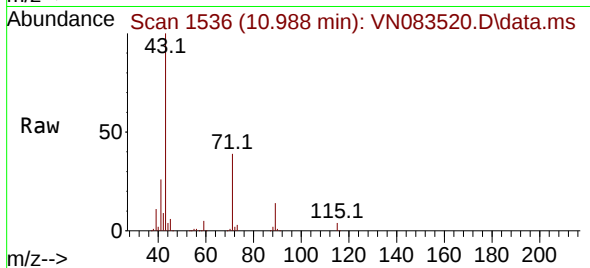
Tgt Ion: 75 Resp: 39611
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 32.1 50.5 75.7#



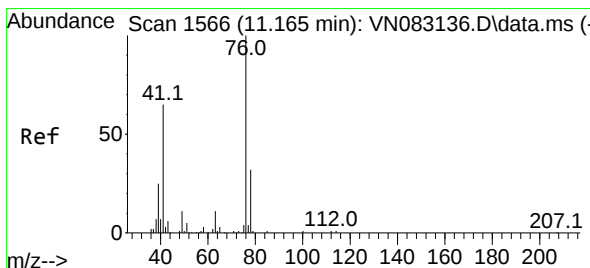
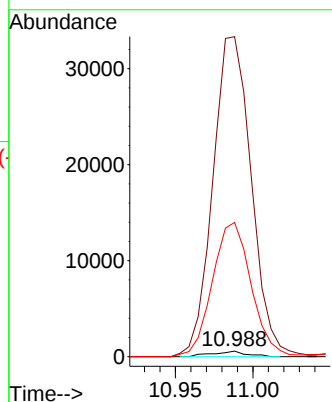
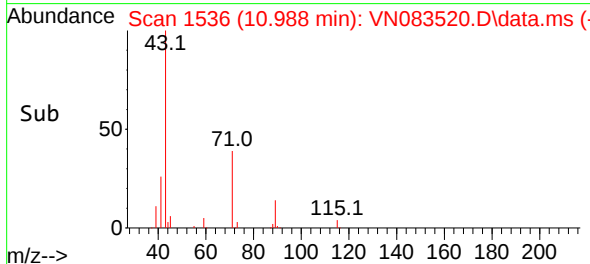


#56
Ethyl methacrylate
Concen: 0.263 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Instrument :
MSVOA_N
ClientSampleId :

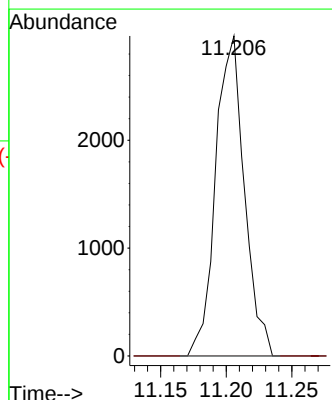
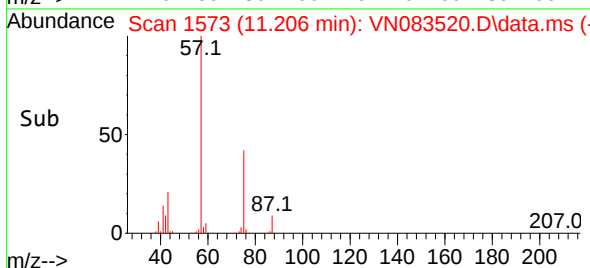
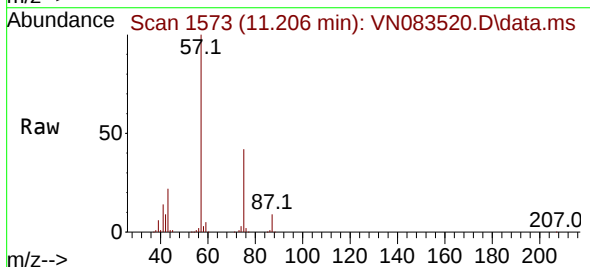


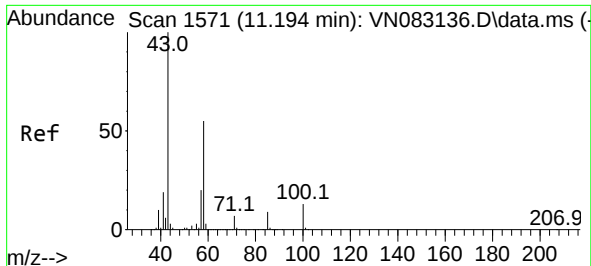
Tgt Ion: 69 Resp: 870
Ion Ratio Lower Upper
69 100
41 6626.9 63.4 95.2#
39 2804.5 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 1.442 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Tgt Ion: 76 Resp: 4514
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

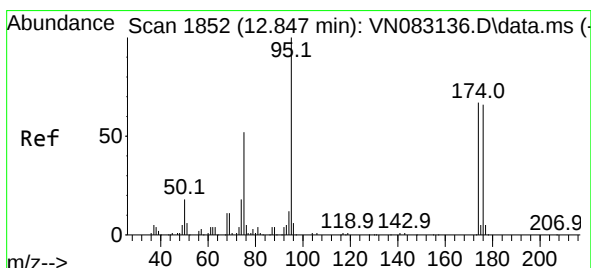
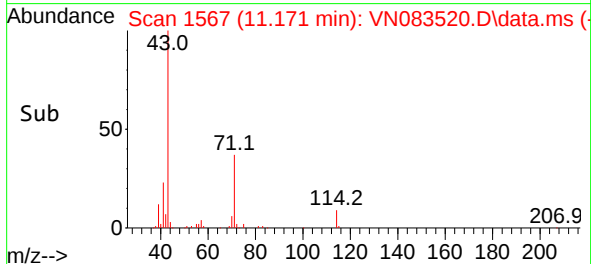
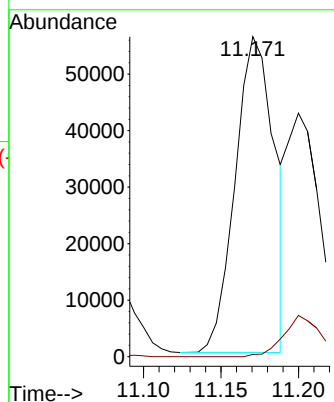
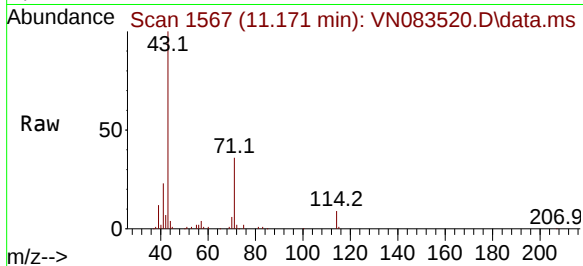




#59
2-Hexanone
Concen: 46.056 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

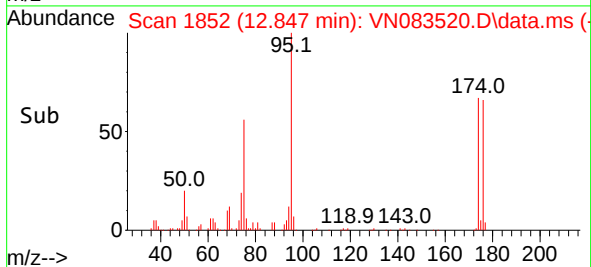
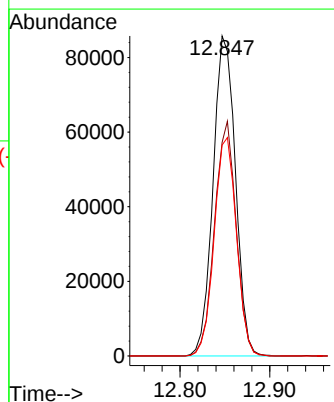
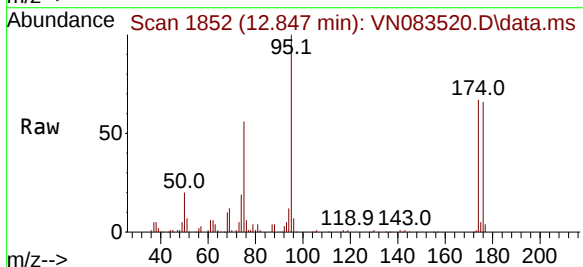
Instrument :
MSVOA_N
ClientSampleId :

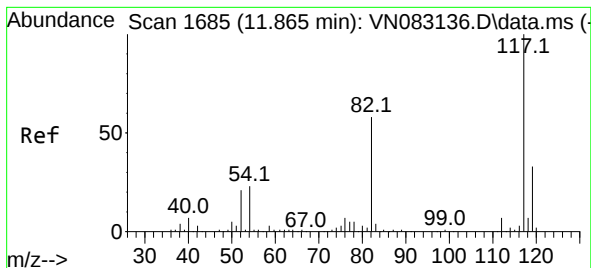
Tgt Ion: 43 Resp: 98235
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 59.322 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083520.D
Acq: 27 Aug 2024 19:32

Tgt Ion: 95 Resp: 148501
Ion Ratio Lower Upper
95 100
174 70.8 0.0 159.2
176 67.9 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083520.D

Acq: 27 Aug 2024 19:32

Instrument :

MSVOA_N

ClientSampleId :

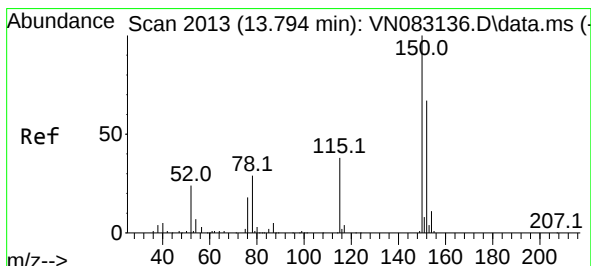
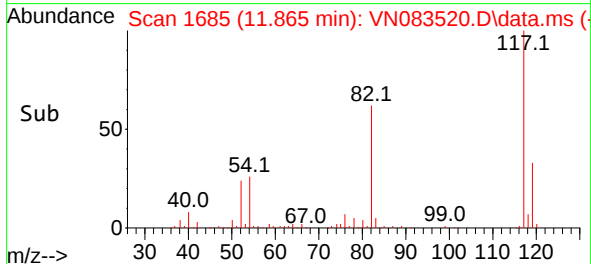
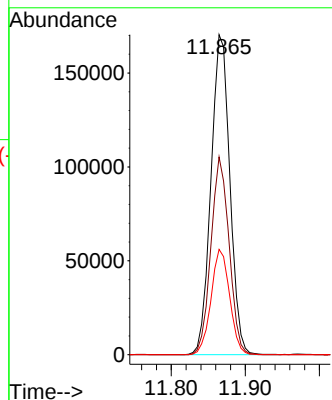
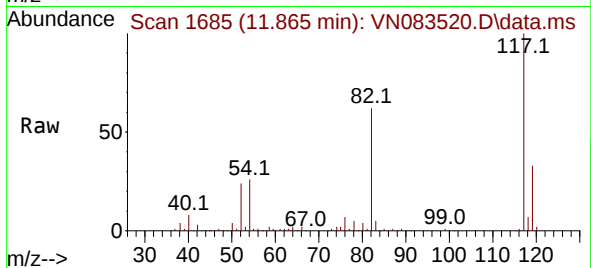
Tgt Ion:117 Resp: 301262

Ion Ratio Lower Upper

117 100

82 61.8 47.5 71.3

119 32.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN083520.D

Acq: 27 Aug 2024 19:32

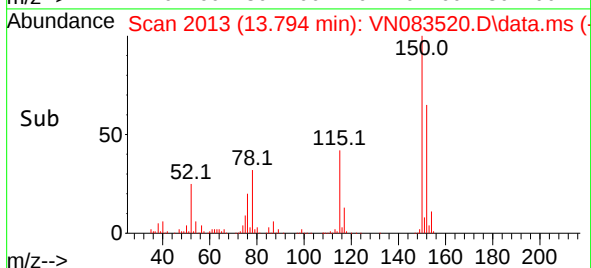
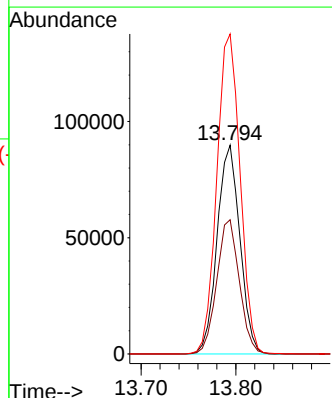
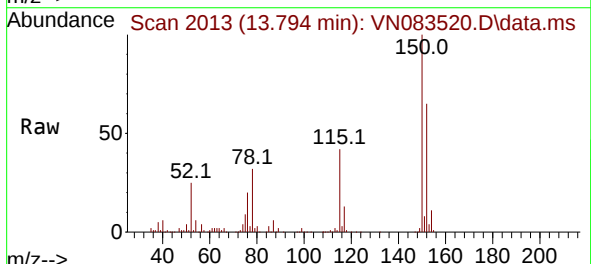
Tgt Ion:152 Resp: 150037

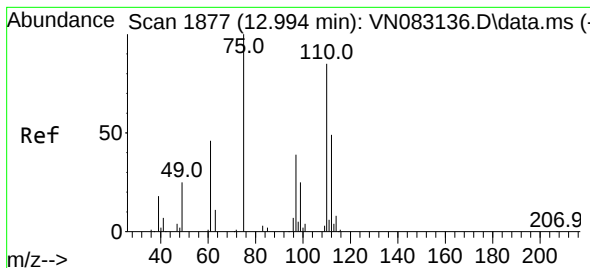
Ion Ratio Lower Upper

152 100

115 63.8 30.6 91.6

150 156.8 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 25.078 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083520.D

Acq: 27 Aug 2024 19:32

Instrument :

MSVOA_N

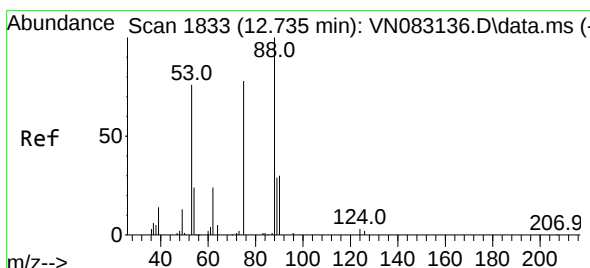
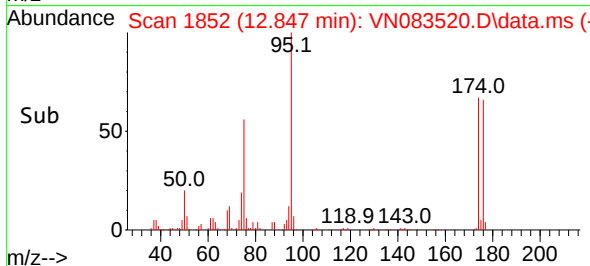
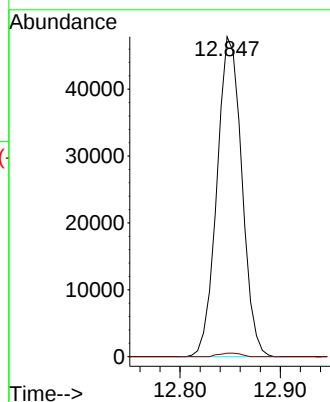
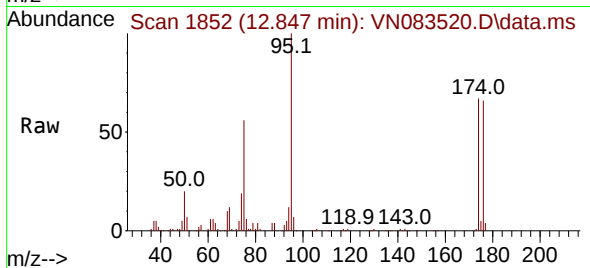
ClientSampleId :

Tgt Ion: 75 Resp: 82580

Ion Ratio Lower Upper

75 100

77 1.0 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.550 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083520.D

Acq: 27 Aug 2024 19:32

Tgt Ion: 75 Resp: 82580

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

