

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083280.D
 Acq On : 14 Aug 2024 06:04
 Operator : JC\MD
 Sample : P3450-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 07:58:40 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)

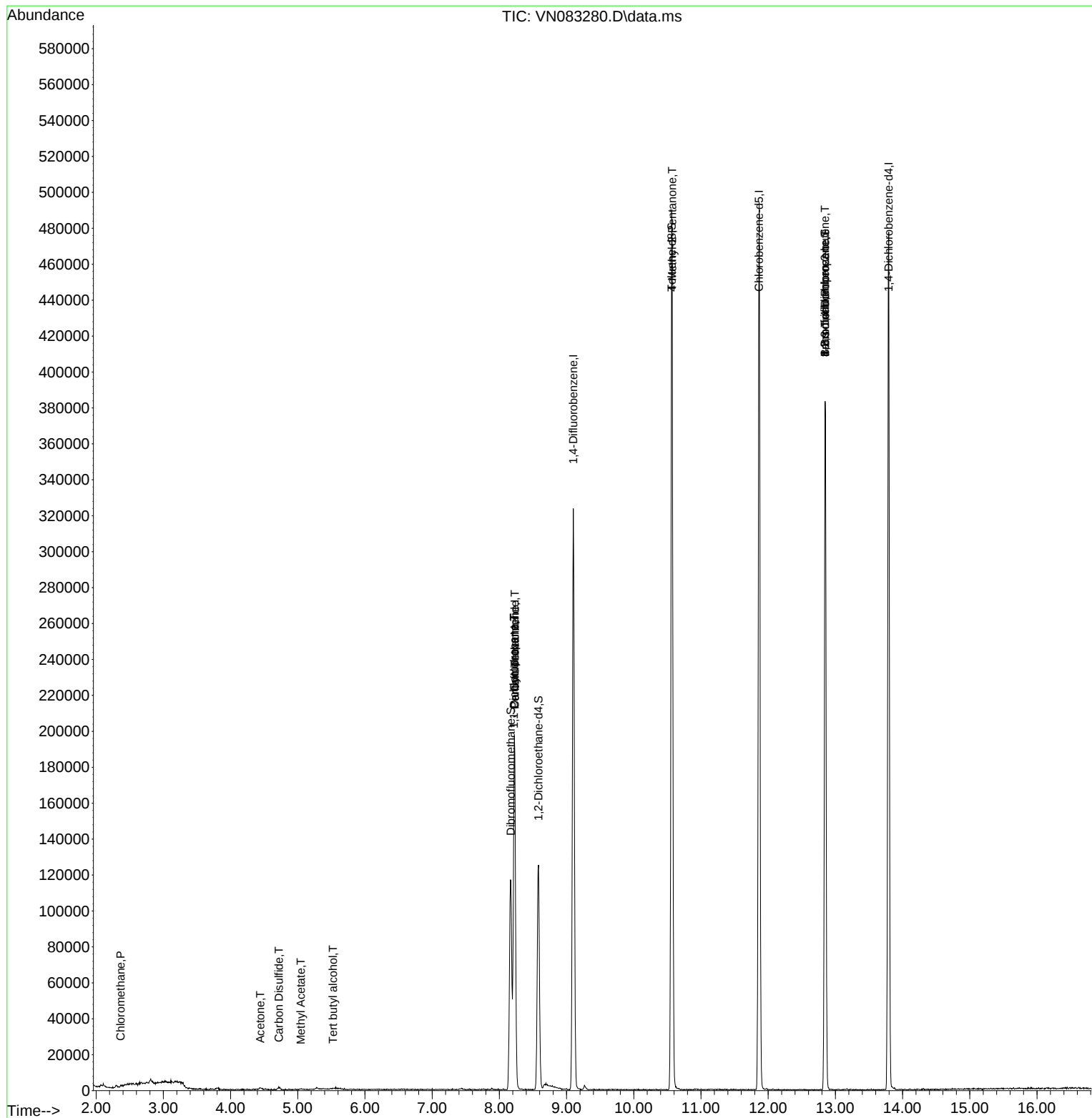
Internal Standards						
1) Pentafluorobenzene	8.229	168	134786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	110960	57.836	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 115.680%		
35) Dibromofluoromethane	8.171	113	87310	52.070	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.140%		
50) Toluene-d8	10.565	98	334654	53.504	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.000%		
62) 4-Bromofluorobenzene	12.847	95	138623	56.848	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 113.700%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	332	0.212	ug/l #	43
11) Tert butyl alcohol	5.524	59	482	1.209	ug/l #	71
16) Acetone	4.441	43	1840	2.451	ug/l #	48
17) Carbon Disulfide	4.718	76	909	0.208	ug/l #	75
18) Methyl Acetate	5.047	43	536	0.240	ug/l #	56
31) Cyclohexane	8.224	56	3667	1.290	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	12303	4.850	ug/l #	52
38) Carbon Tetrachloride	8.229	117	15875	5.557	ug/l #	13
43) Isopropyl Acetate	8.682	43	2157	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1738	0.647	ug/l #	1
71) Bromoform	12.847	173	467	0.285	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	77080	28.558	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	77080	62.121	ug/l #	6

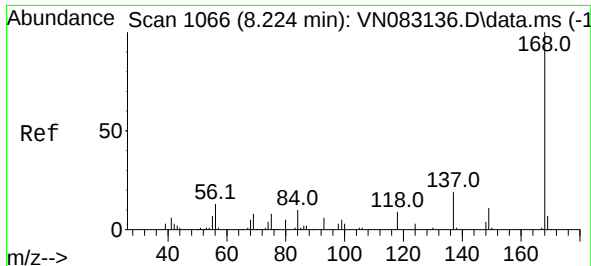
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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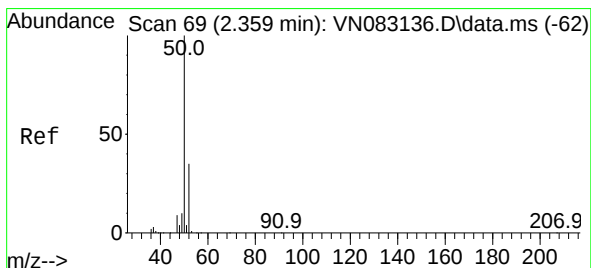
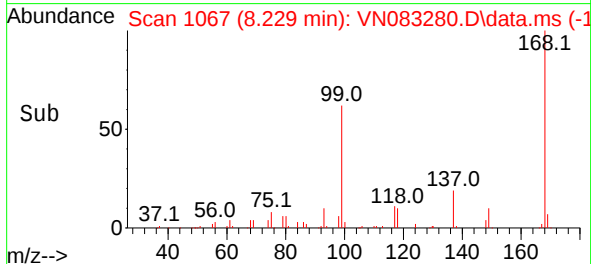
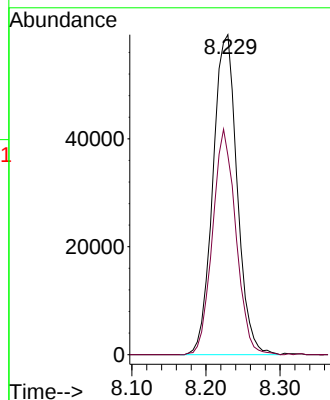
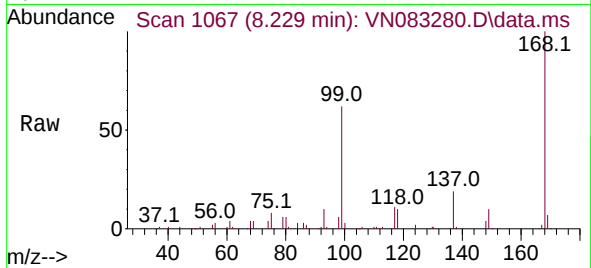




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN083280.D
Acq: 14 Aug 2024 06:04

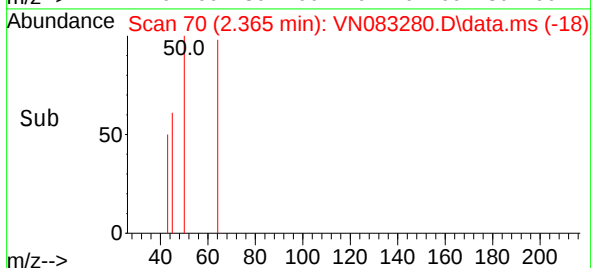
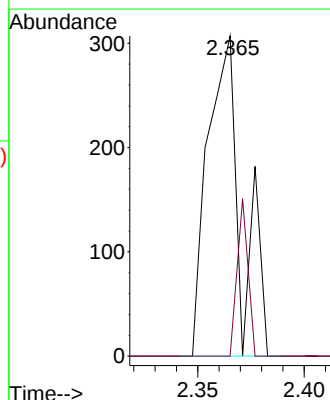
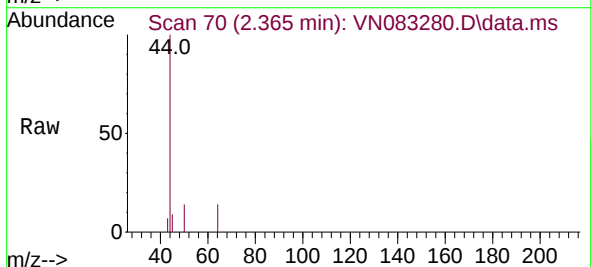
Instrument :
MSVOA_N
ClientSampleId :

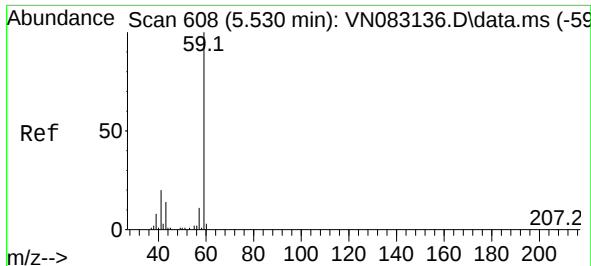
Tgt Ion:168 Resp: 134786
Ion Ratio Lower Upper
168 100
99 62.3 48.2 72.4



#3
Chloromethane
Concen: 0.212 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083280.D
Acq: 14 Aug 2024 06:04

Tgt Ion: 50 Resp: 332
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: 1.209 ug/l

RT: 5.524 min Scan# 608

Delta R.T. -0.006 min

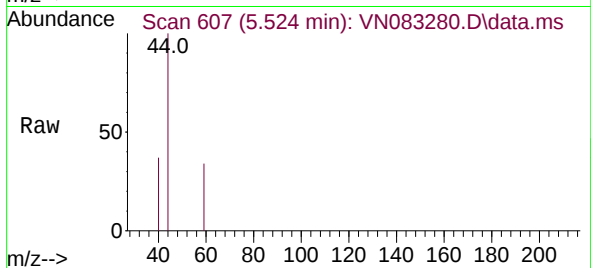
Lab File: VN083280.D

Acq: 14 Aug 2024 06:04

Instrument :

MSVOA_N

ClientSampleId :

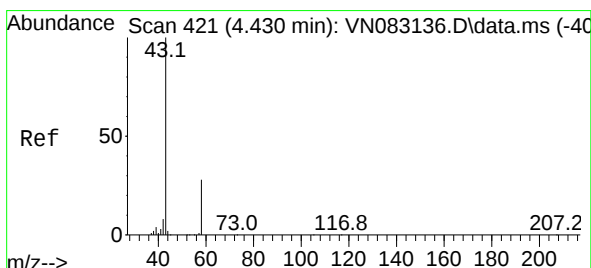
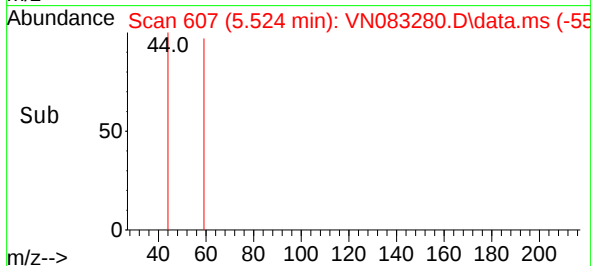
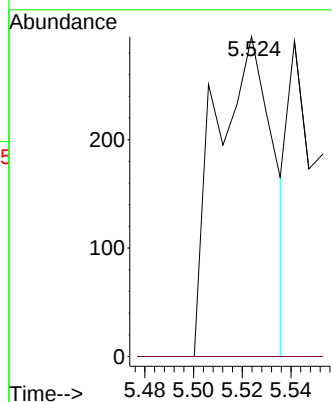


Tgt Ion: 59 Resp: 482

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



#16

Acetone

Concen: 2.451 ug/l

RT: 4.441 min Scan# 423

Delta R.T. 0.012 min

Lab File: VN083280.D

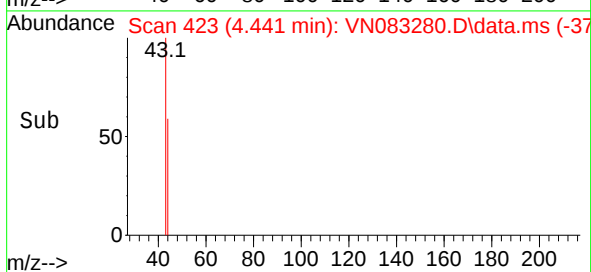
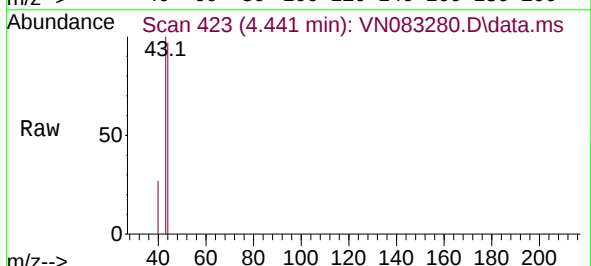
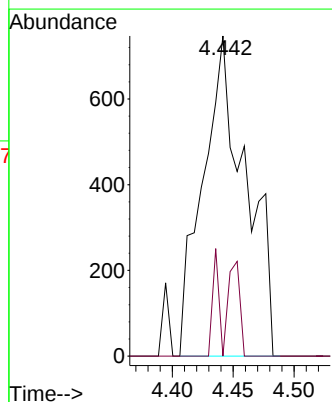
Acq: 14 Aug 2024 06:04

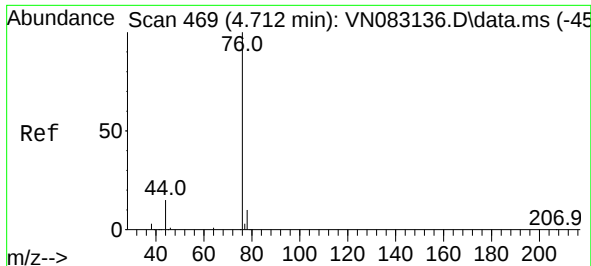
Tgt Ion: 43 Resp: 1840

Ion Ratio Lower Upper

43 100

58 0.0 21.8 32.6#

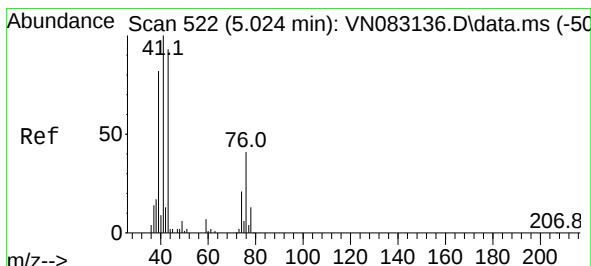
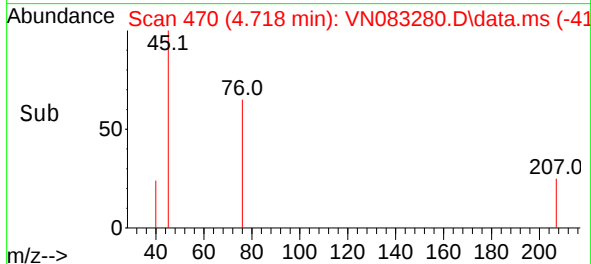
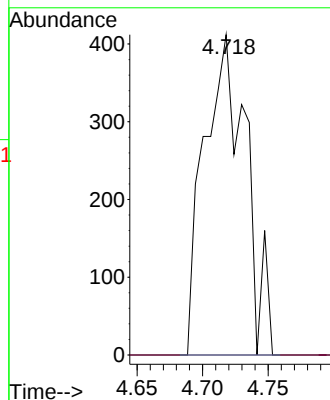
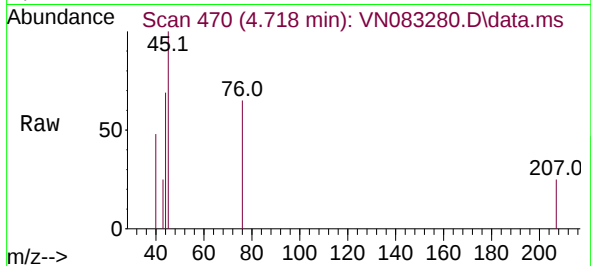




#17
Carbon Disulfide
Concen: 0.208 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083280.D
Acq: 14 Aug 2024 06:04

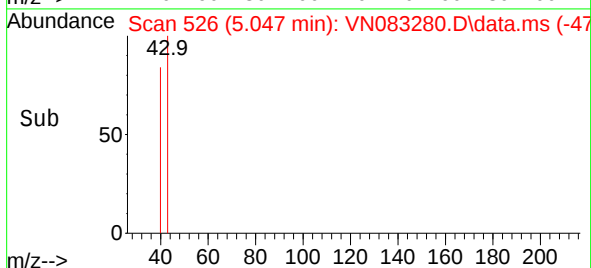
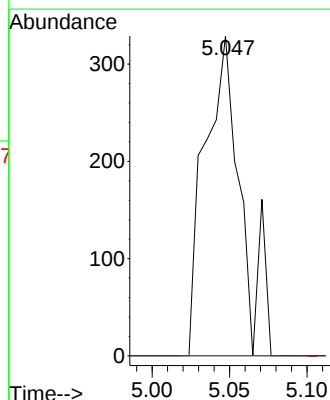
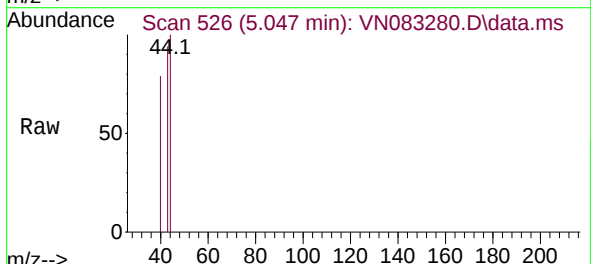
Instrument :
MSVOA_N
ClientSampleId :

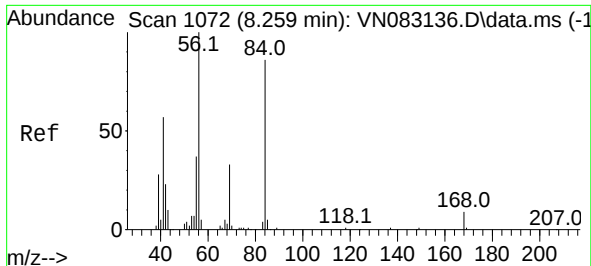
Tgt Ion: 76 Resp: 909
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.240 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.023 min
Lab File: VN083280.D
Acq: 14 Aug 2024 06:04

Tgt Ion: 43 Resp: 536
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#





#31

Cyclohexane

Concen: 1.290 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.035 min

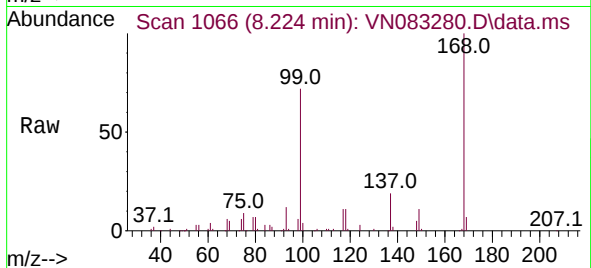
Lab File: VN083280.D

Acq: 14 Aug 2024 06:04

Instrument :

MSVOA_N

ClientSampleId :



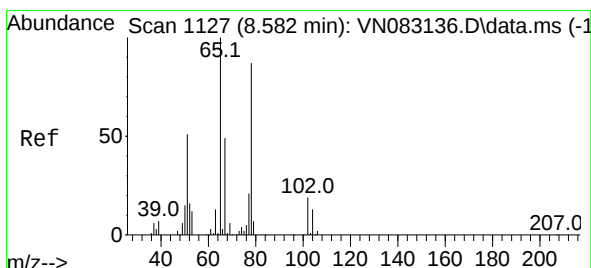
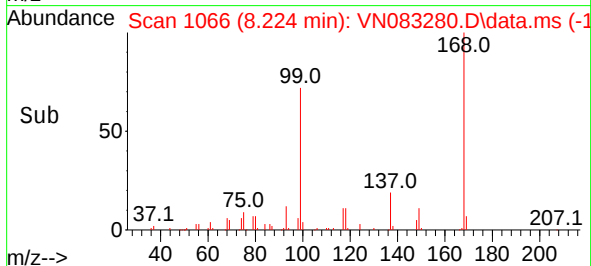
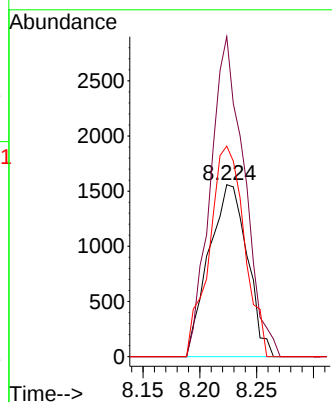
Tgt Ion: 56 Resp: 3667

Ion Ratio Lower Upper

56 100

69 186.0 24.5 36.7#

84 122.4 66.0 99.0#



#33

1,2-Dichloroethane-d4

Concen: 57.836 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN083280.D

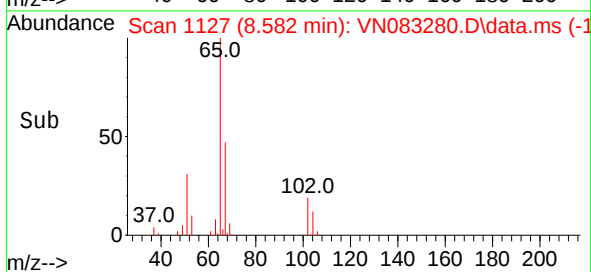
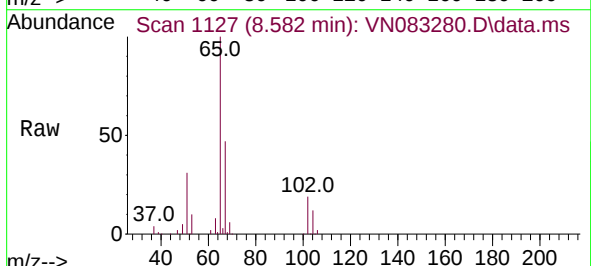
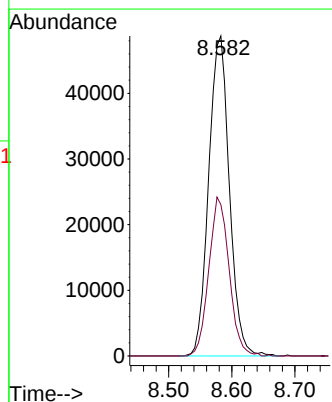
Acq: 14 Aug 2024 06:04

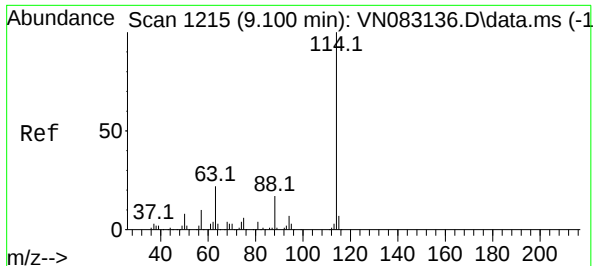
Tgt Ion: 65 Resp: 110960

Ion Ratio Lower Upper

65 100

67 48.7 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: VN083280.D

Acq: 14 Aug 2024 06:04

Instrument :

MSVOA_N

ClientSampleId :

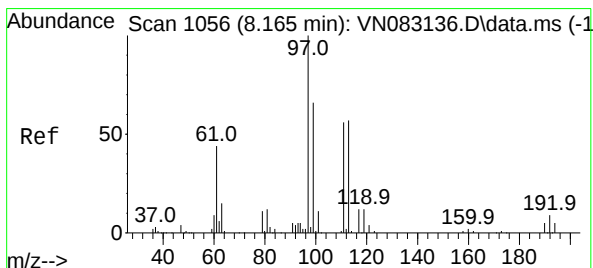
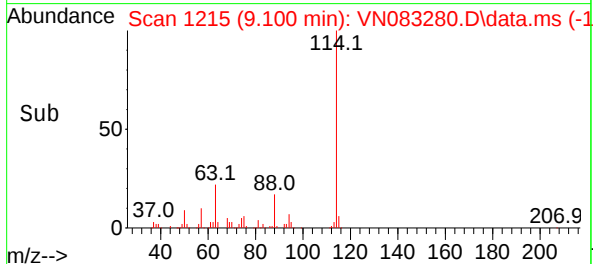
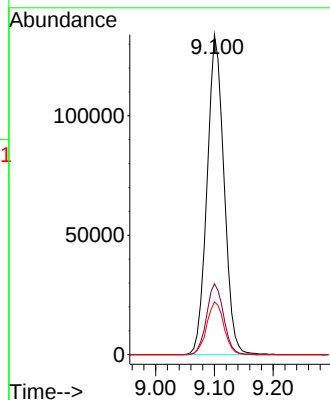
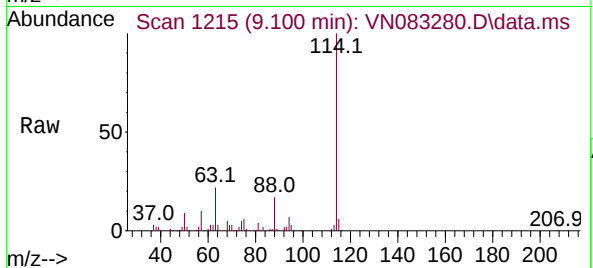
Tgt Ion:114 Resp: 268637

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.6

88 16.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.070 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083280.D

Acq: 14 Aug 2024 06:04

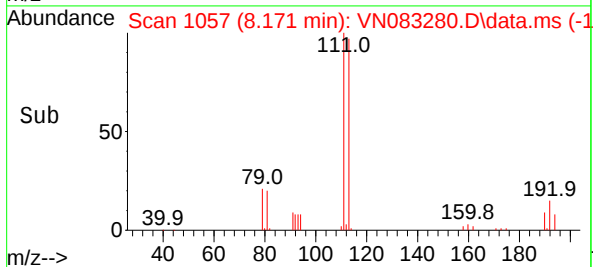
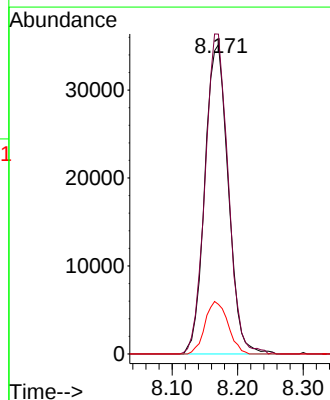
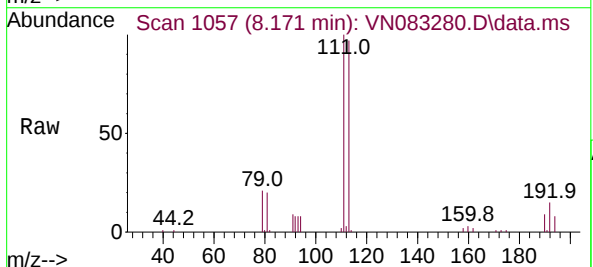
Tgt Ion:113 Resp: 87310

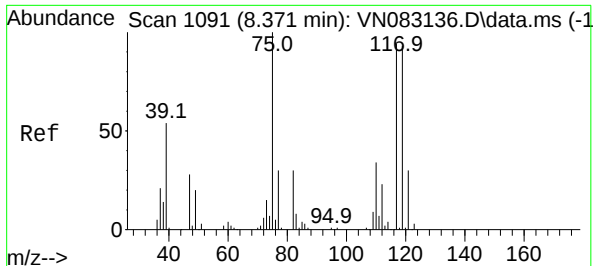
Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

192 16.6 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.850 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

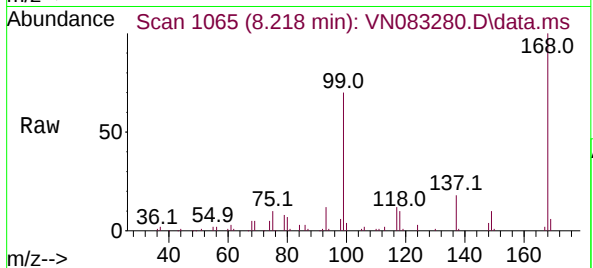
Lab File: VN083280.D

Acq: 14 Aug 2024 06:04

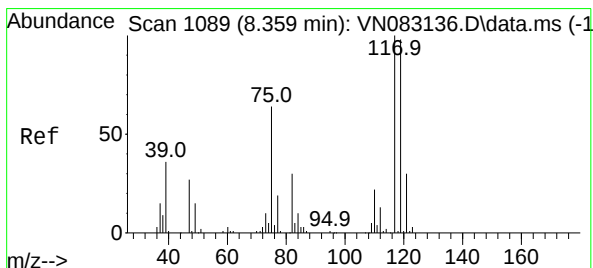
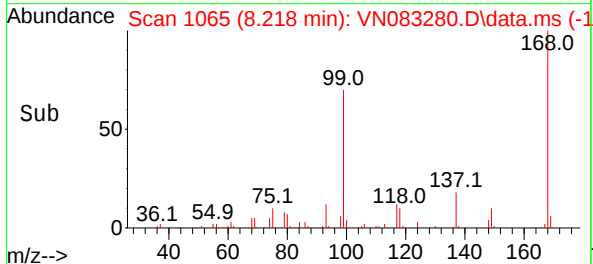
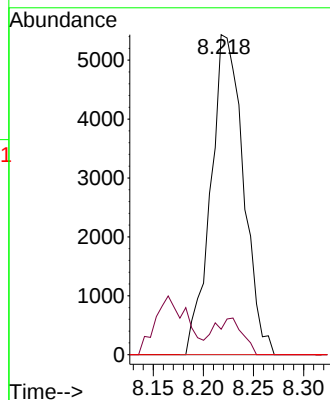
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	12303
Ion	Ratio	Lower	Upper
75	100		
110	10.0	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.557 ug/l

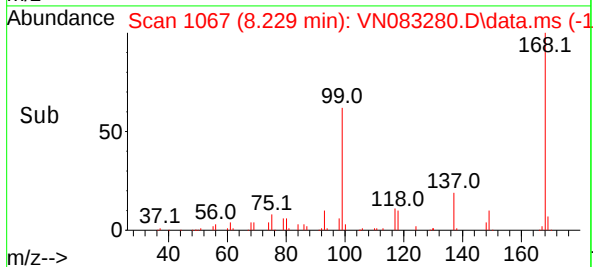
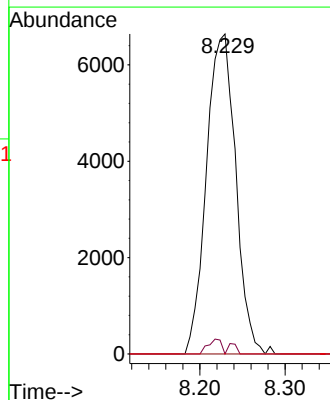
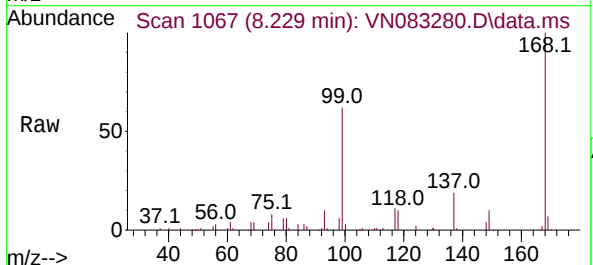
RT: 8.229 min Scan# 1067

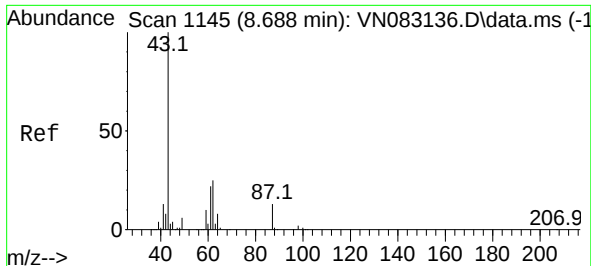
Delta R.T. -0.129 min

Lab File: VN083280.D

Acq: 14 Aug 2024 06:04

Tgt Ion:	117	Resp:	15875
Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.9	112.3#
121	0.0	24.3	36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.682 min Scan# 1145

Delta R.T. -0.006 min

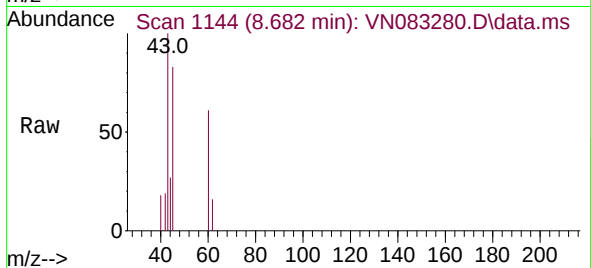
Lab File: VN083280.D

Acq: 14 Aug 2024 06:04

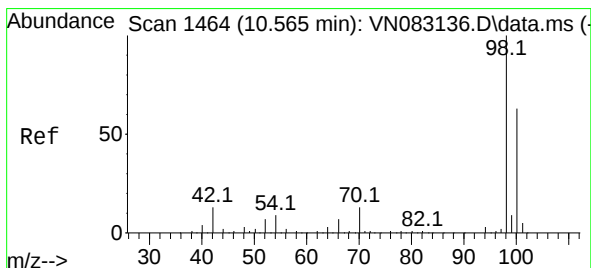
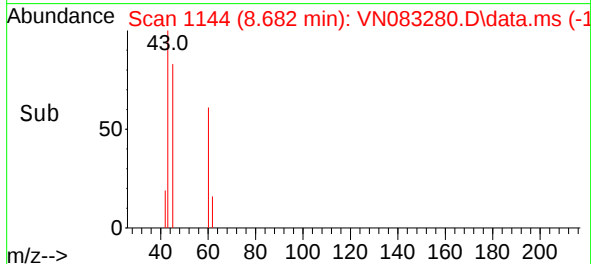
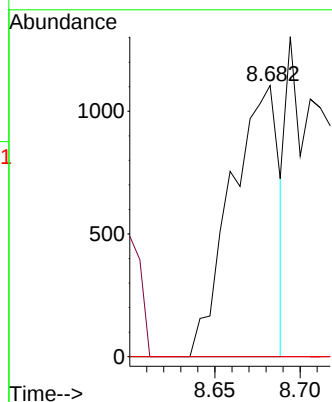
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	2157
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#



#50

Toluene-d8

Concen: 53.504 ug/l

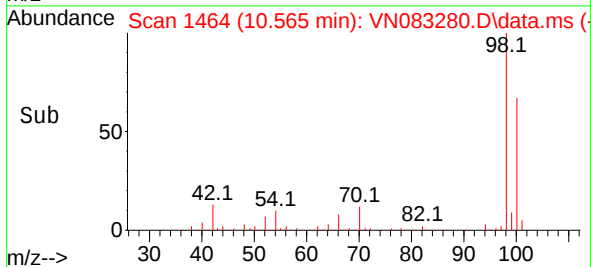
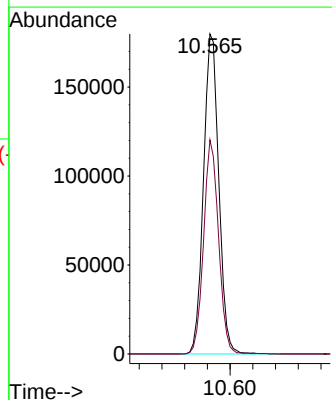
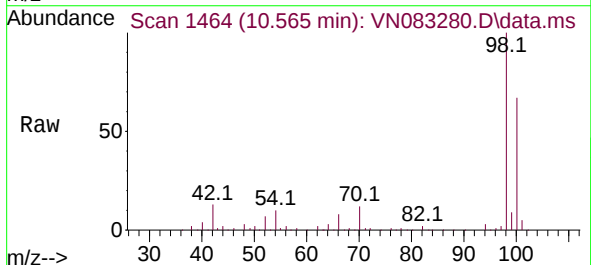
RT: 10.565 min Scan# 1464

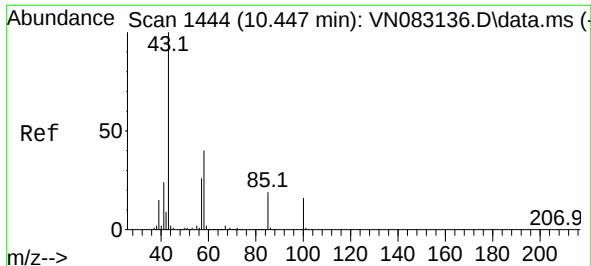
Delta R.T. -0.000 min

Lab File: VN083280.D

Acq: 14 Aug 2024 06:04

Tgt Ion:	98	Resp:	334654
Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.5	77.3

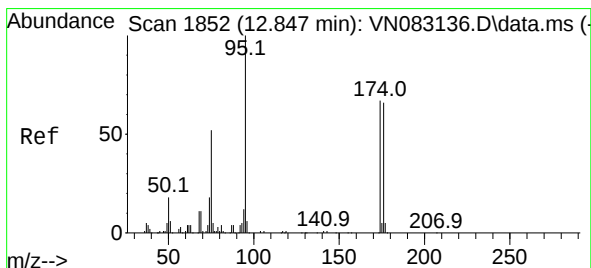
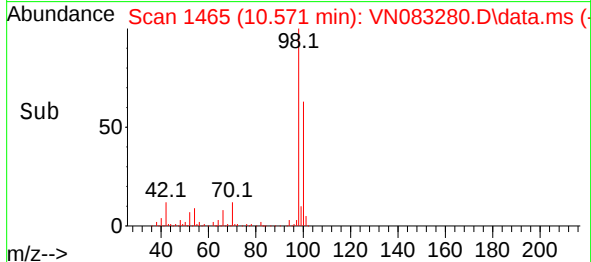
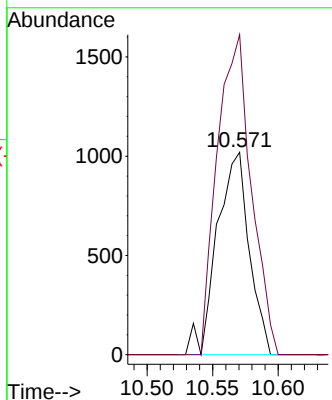
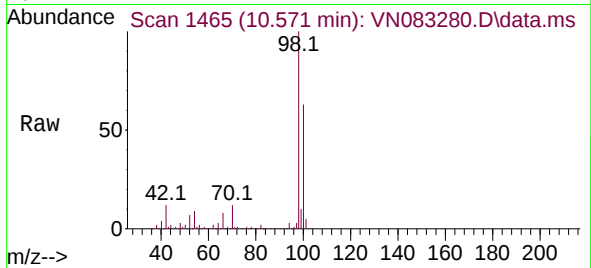




#51
4-Methyl-2-Pentanone
Concen: 0.647 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN083280.D
Acq: 14 Aug 2024 06:04

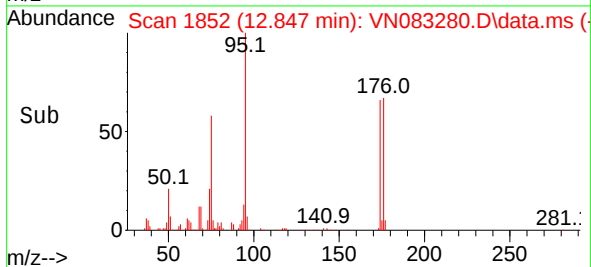
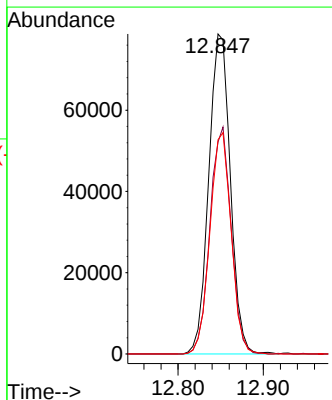
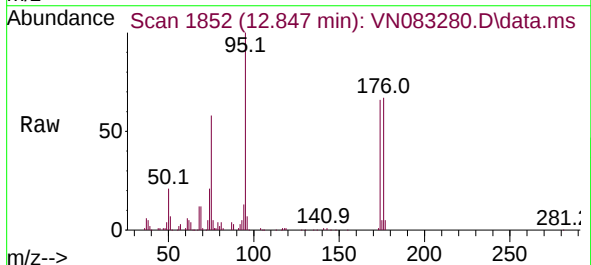
Instrument :
MSVOA_N
ClientSampleId :

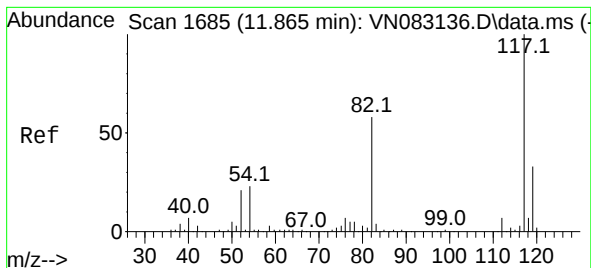
Tgt Ion: 43 Resp: 1738
Ion Ratio Lower Upper
43 100
58 167.6 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 56.848 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083280.D
Acq: 14 Aug 2024 06:04

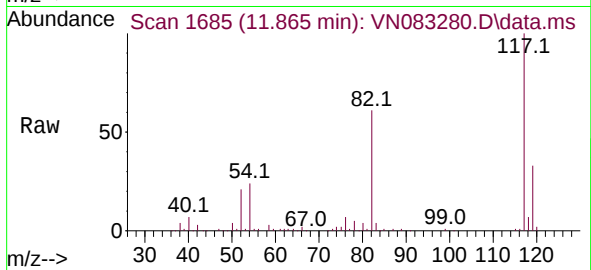
Tgt Ion: 95 Resp: 138623
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 68.1 0.0 147.6



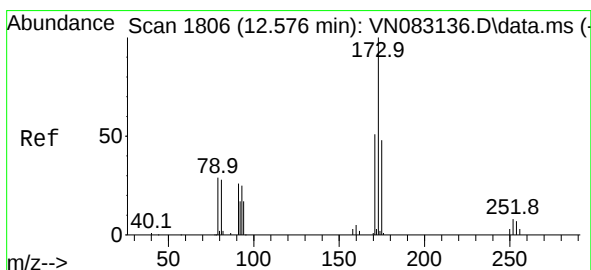
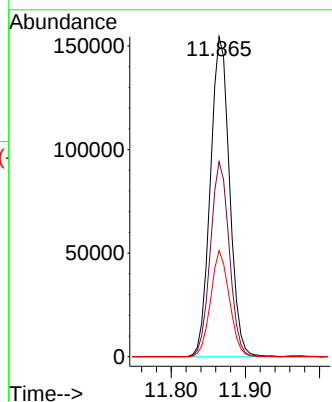
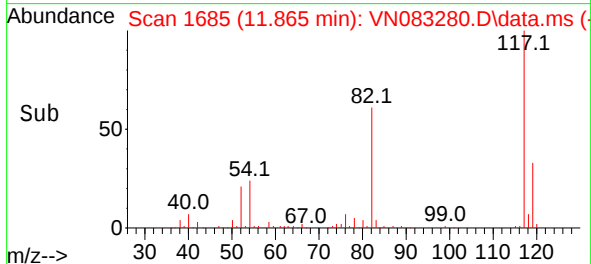


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083280.D
Acq: 14 Aug 2024 06:04

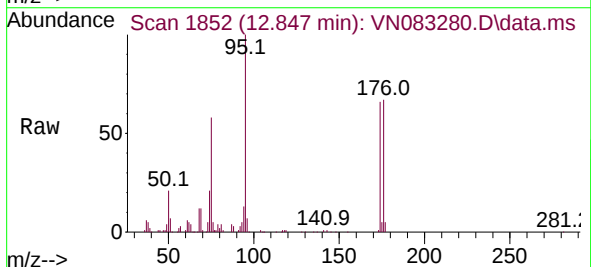
Instrument :
MSVOA_N
ClientSampleId :



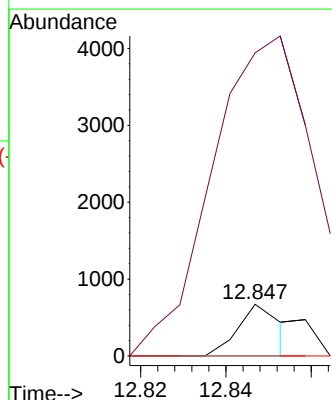
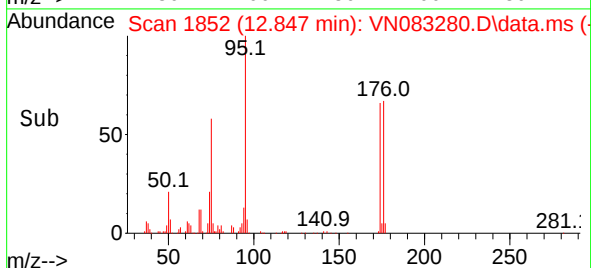
Tgt Ion:117 Resp: 277365
Ion Ratio Lower Upper
117 100
82 61.0 47.5 71.3
119 33.1 25.6 38.4

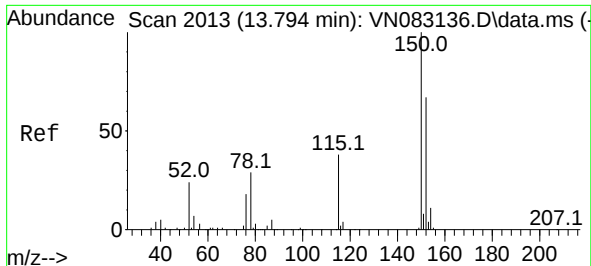


#71
Bromoform
Concen: 0.285 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN083280.D
Acq: 14 Aug 2024 06:04



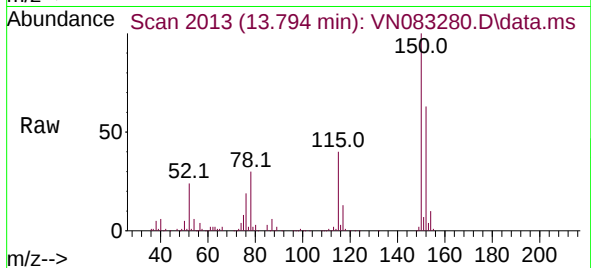
Tgt Ion:173 Resp: 467
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



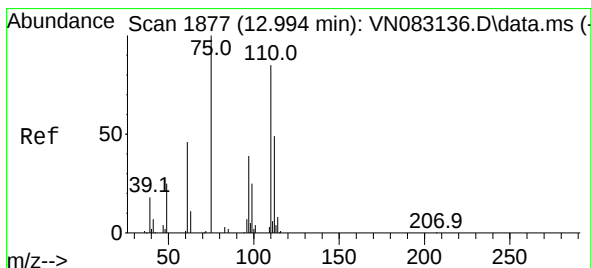
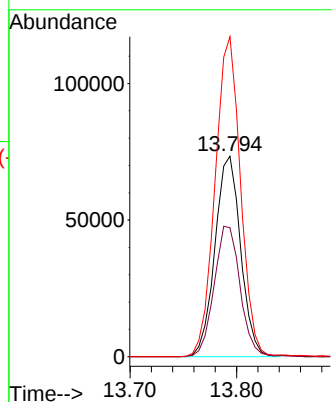
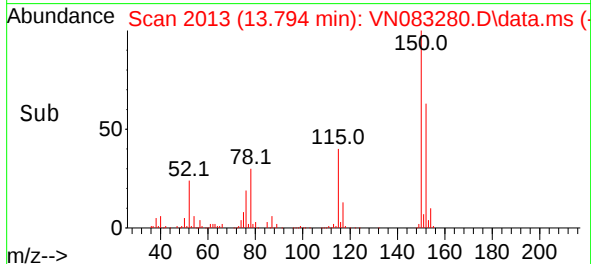


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083280.D
 Acq: 14 Aug 2024 06:04

Instrument :
 MSVOA_N
 ClientSampleId :

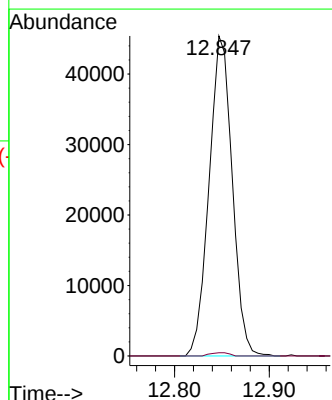
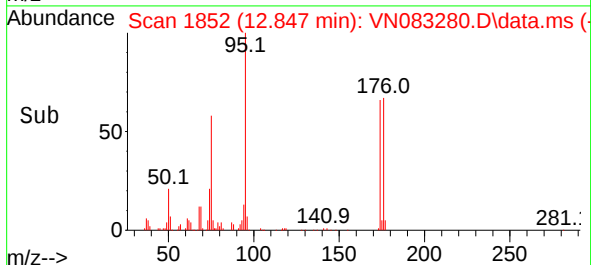
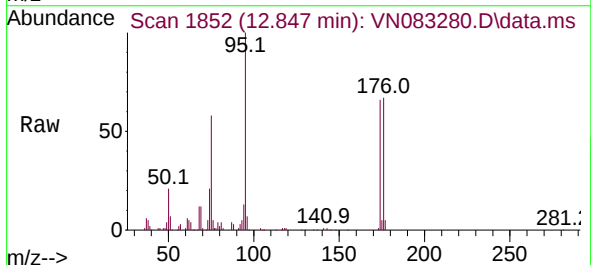


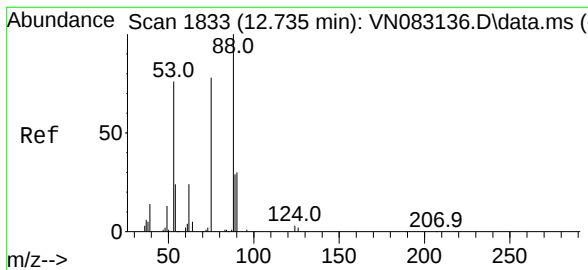
Tgt Ion:152 Resp: 122978
 Ion Ratio Lower Upper
 152 100
 115 65.9 30.6 91.6
 150 158.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.558 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083280.D
 Acq: 14 Aug 2024 06:04

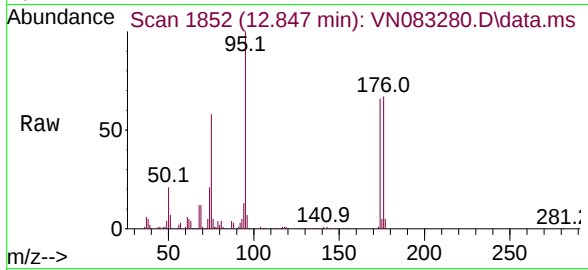
Tgt Ion: 75 Resp: 77080
 Ion Ratio Lower Upper
 75 100
 77 0.8 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.121 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083280.D
 Acq: 14 Aug 2024 06:04

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 77080
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

