

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083281.D
 Acq On : 14 Aug 2024 06:28
 Operator : JC\MD
 Sample : P3467-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 07:59:00 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)

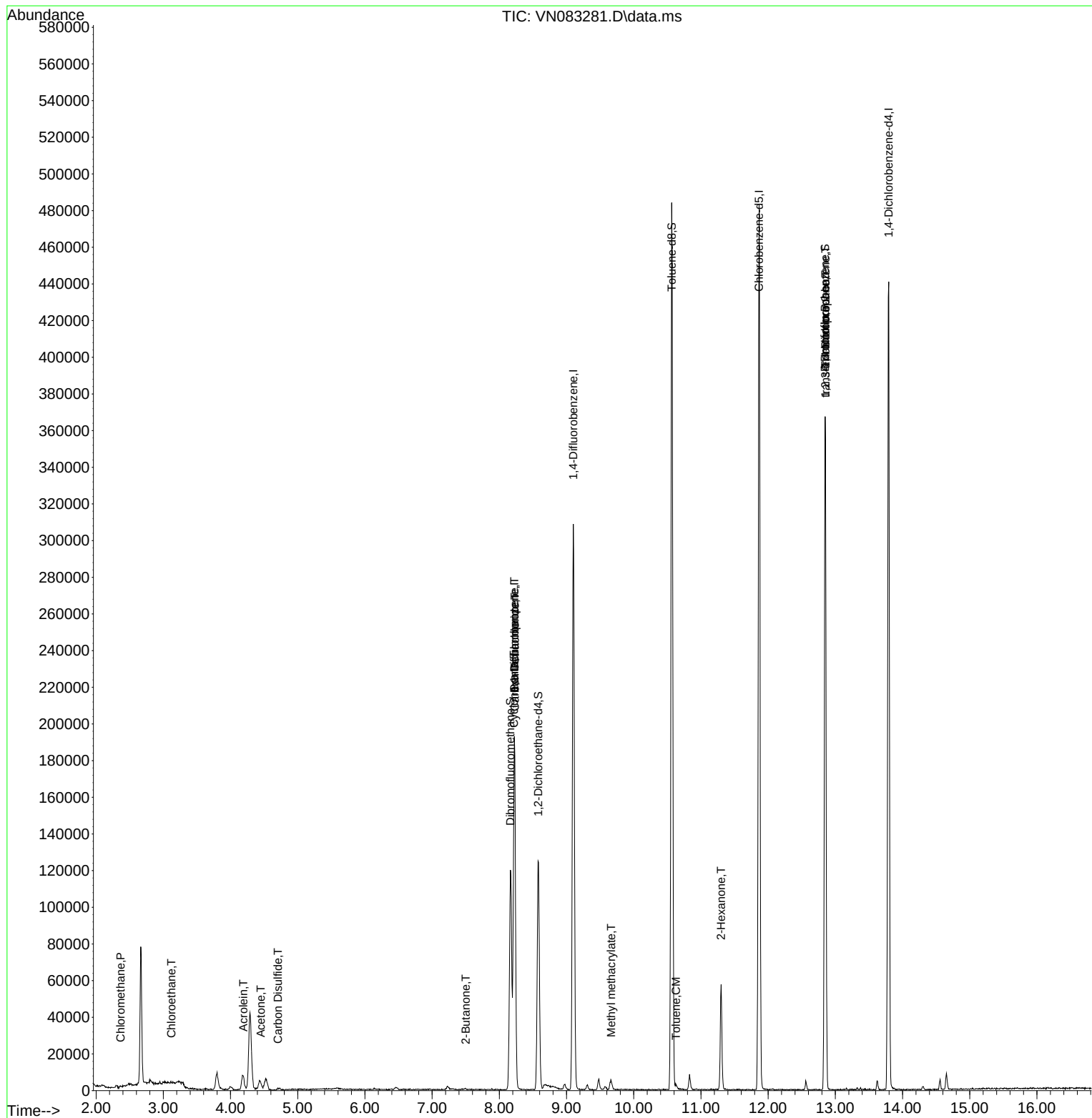
Internal Standards						
1) Pentafluorobenzene	8.224	168	133782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108932	57.205	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	114.420%	
35) Dibromofluoromethane	8.165	113	86716	53.091	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	106.180%	
50) Toluene-d8	10.565	98	329361	54.058	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	108.120%	
62) 4-Bromofluorobenzene	12.847	95	133342	56.137	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	112.280%	
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	483	0.311	ug/l #	43
6) Chloroethane	3.118	64	537	0.542	ug/l #	41
13) Acrolein	4.189	56	10570	40.982	ug/l	97
16) Acetone	4.448	43	10236	13.737	ug/l	97
17) Carbon Disulfide	4.706	76	1203	0.277	ug/l #	75
25) 2-Butanone	7.500	43	1002	0.876	ug/l #	53
31) Cyclohexane	8.218	56	3399	1.204	ug/l #	3
36) 1,1-Dichloropropene	8.224	75	12284	4.972	ug/l #	50
38) Carbon Tetrachloride	8.230	117	14795	5.316	ug/l #	19
43) Isopropyl Acetate	8.677	43	1747	Below Cal	#	60
48) Methyl methacrylate	9.665	41	1244	0.544	ug/l #	45
52) Toluene	10.630	92	949	0.204	ug/l	86
59) 2-Hexanone	11.300	43	10024	4.953	ug/l #	51
71) Bromoform	12.847	173	621	0.392	ug/l #	29
76) 1,2,3-Trichloropropane	12.853	75	72303	28.277	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	72303	61.509	ug/l #	6

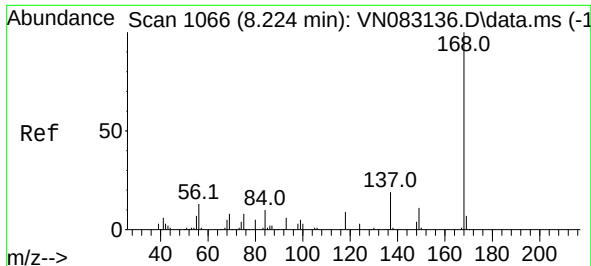
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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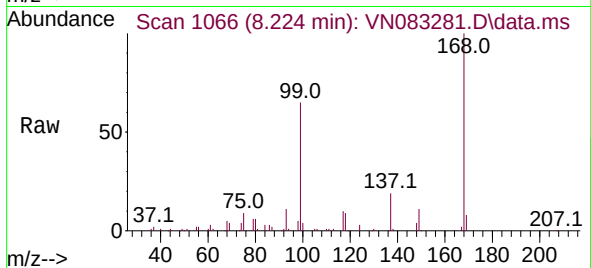
Quant Time: Aug 14 07:59:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



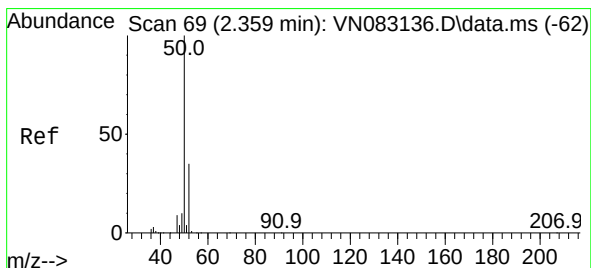
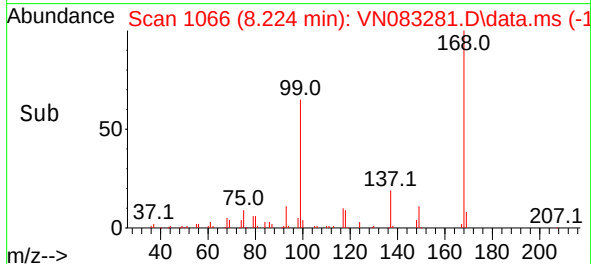
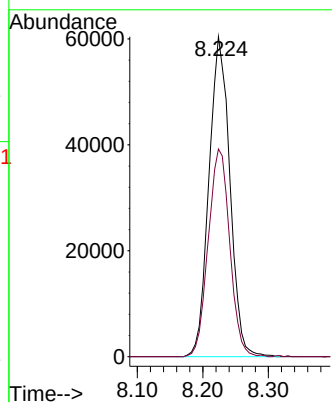


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

Instrument :
MSVOA_N
ClientSampleId :

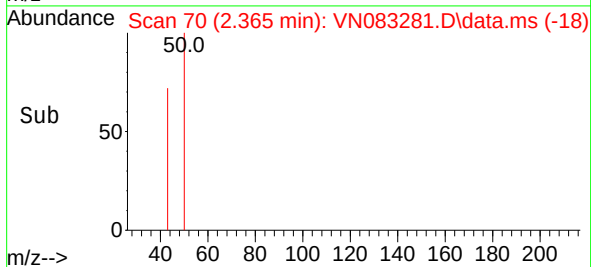
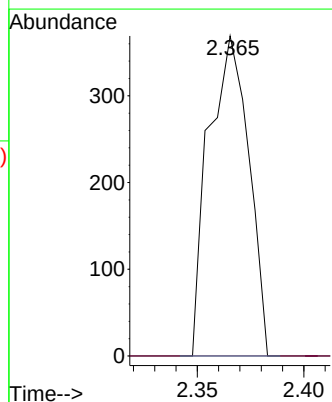
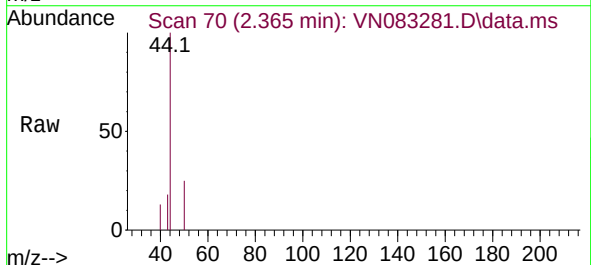


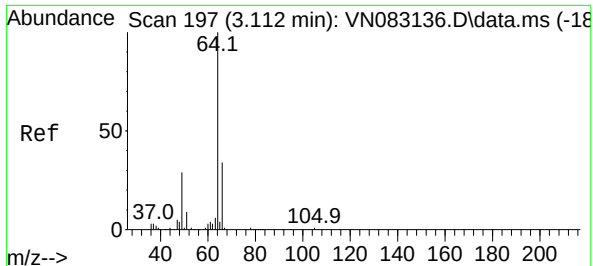
Tgt Ion:168 Resp: 133782
Ion Ratio Lower Upper
168 100
99 64.9 48.2 72.4



#3
Chloromethane
Concen: 0.311 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

Tgt Ion: 50 Resp: 483
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

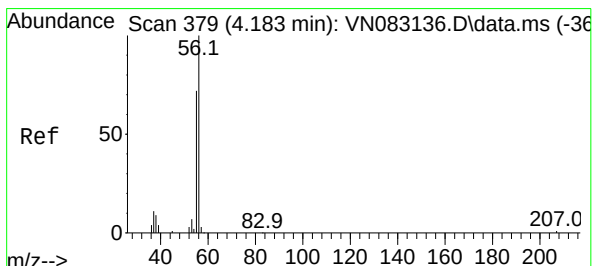
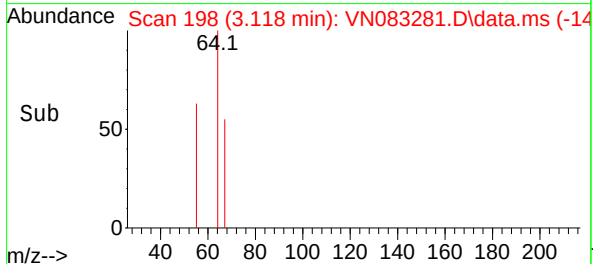
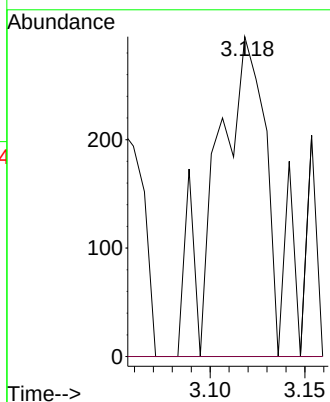
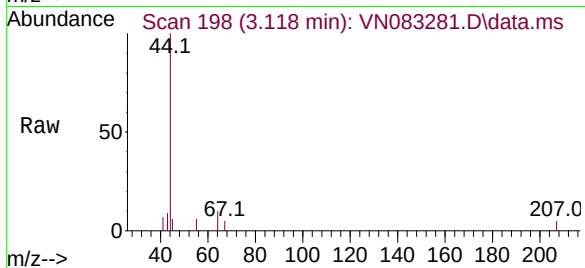




#6
Chloroethane
Concen: 0.542 ug/l
RT: 3.118 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

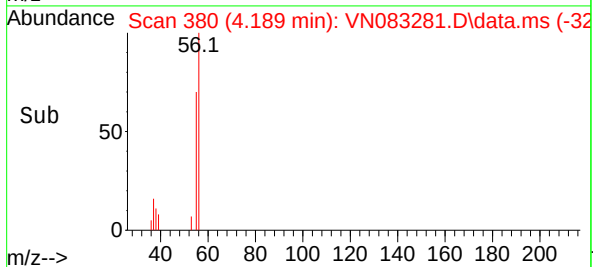
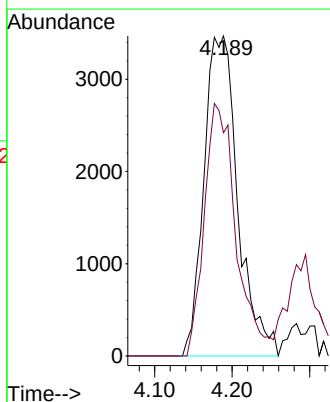
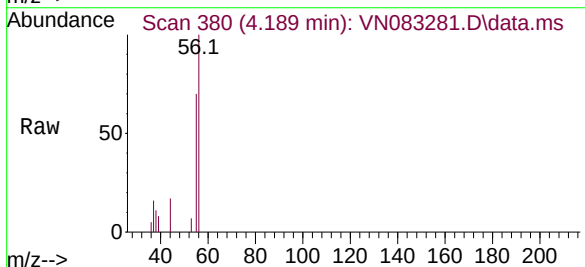
Instrument :
MSVOA_N
ClientSampleId :

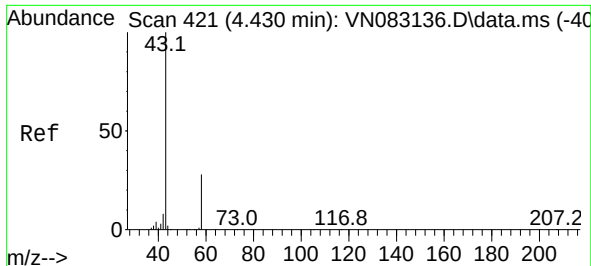
Tgt Ion: 64 Resp: 537
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#13
Acrolein
Concen: 40.982 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

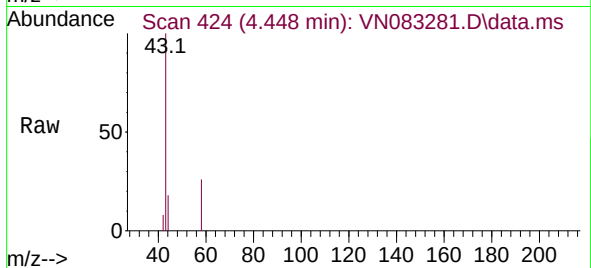
Tgt Ion: 56 Resp: 10570
Ion Ratio Lower Upper
56 100
55 72.6 56.4 84.6



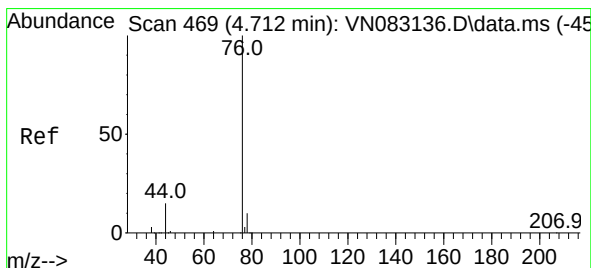
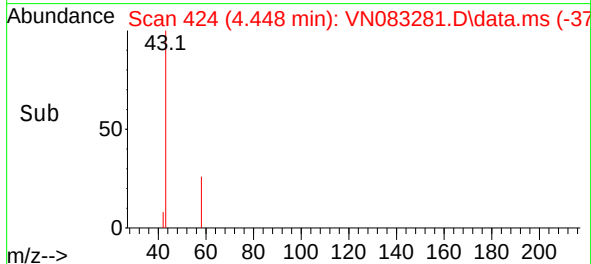
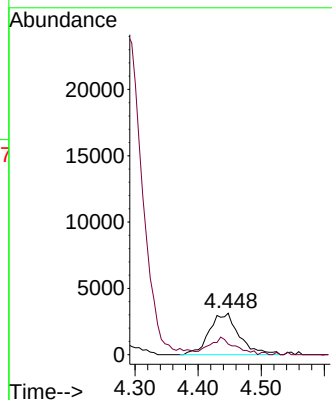


#16
Acetone
Concen: 13.737 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

Instrument :
MSVOA_N
ClientSampleId :

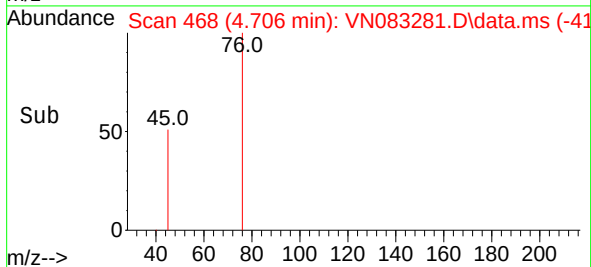
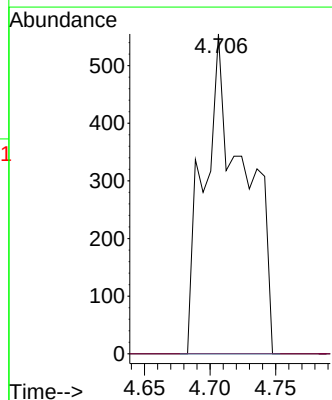
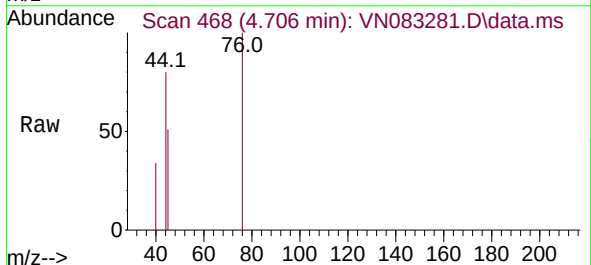


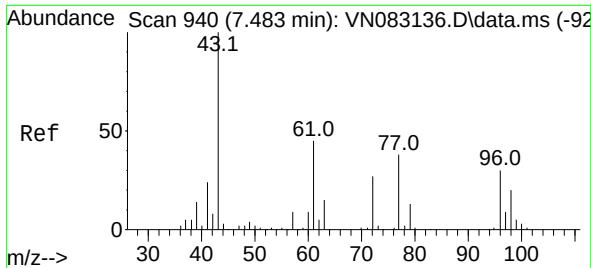
Tgt Ion: 43 Resp: 10236
Ion Ratio Lower Upper
43 100
58 25.7 21.8 32.6



#17
Carbon Disulfide
Concen: 0.277 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

Tgt Ion: 76 Resp: 1203
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

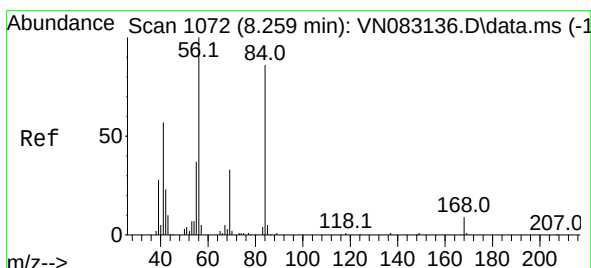
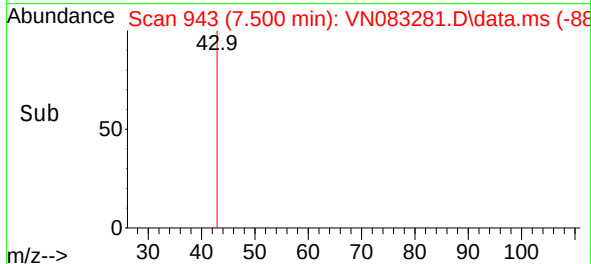
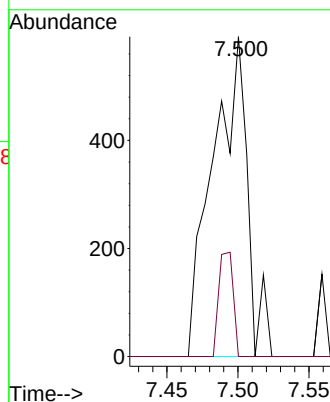
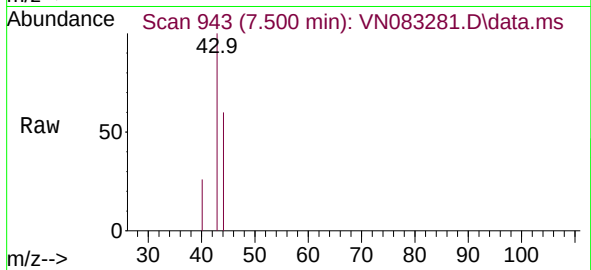




#25
2-Butanone
Concen: 0.876 ug/l
RT: 7.500 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

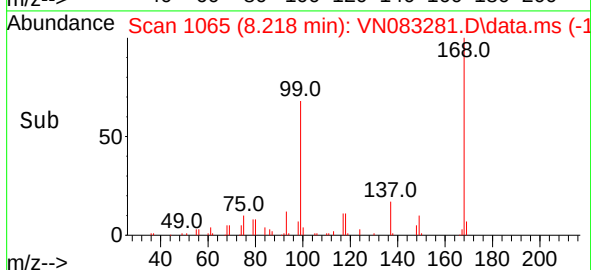
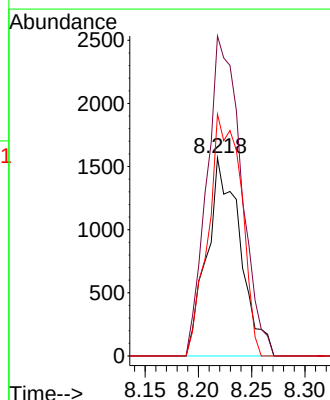
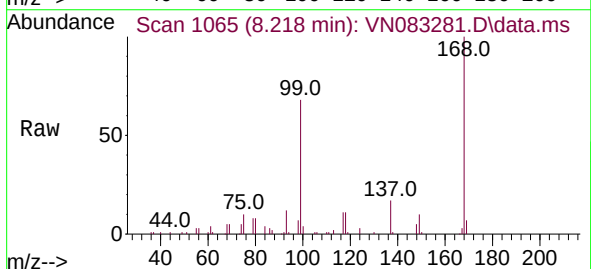
Instrument :
MSVOA_N
ClientSampleId :

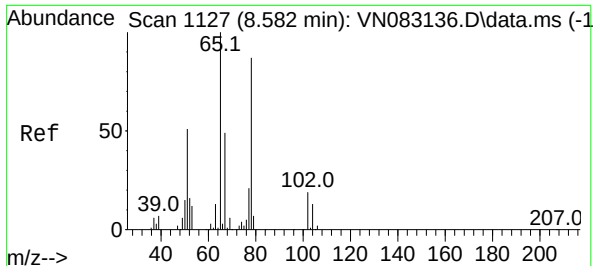
Tgt Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#31
Cyclohexane
Concen: 1.204 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

Tgt Ion: 56 Resp: 3399
Ion Ratio Lower Upper
56 100
69 161.6 24.5 36.7#
84 122.1 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 57.205 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN083281.D

Acq: 14 Aug 2024 06:28

Instrument :

MSVOA_N

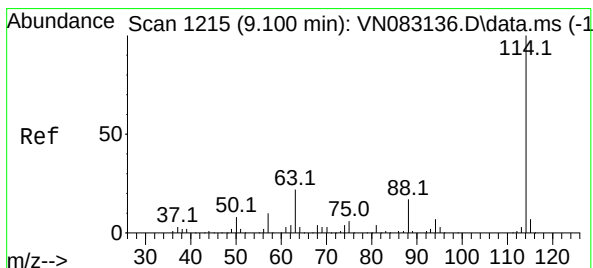
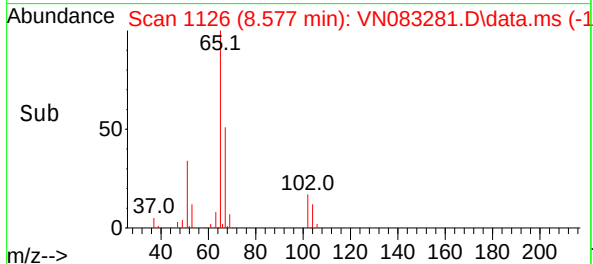
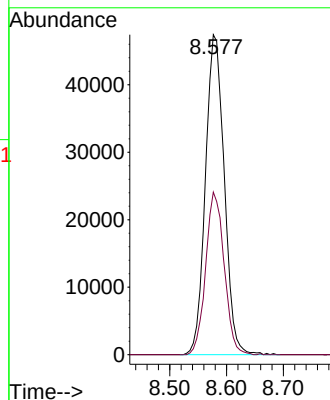
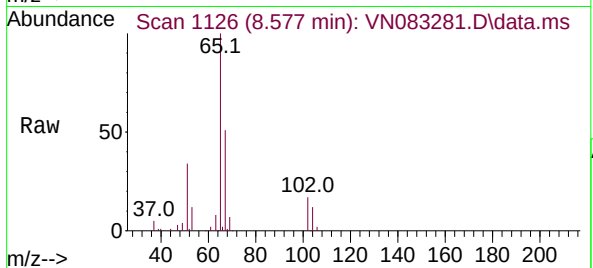
ClientSampleId :

Tgt Ion: 65 Resp: 108932

Ion Ratio Lower Upper

65 100

67 49.9 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: VN083281.D

Acq: 14 Aug 2024 06:28

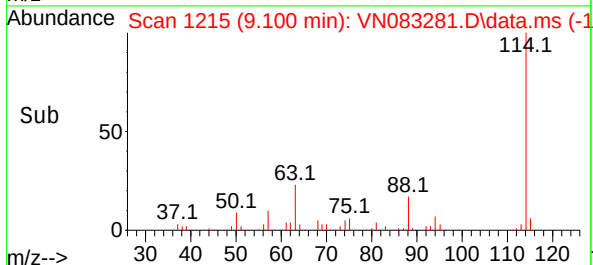
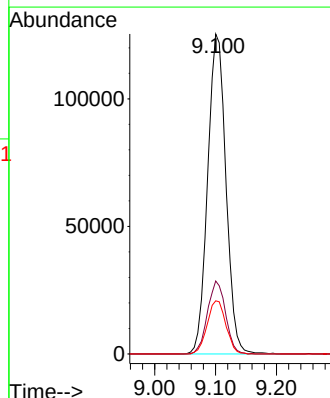
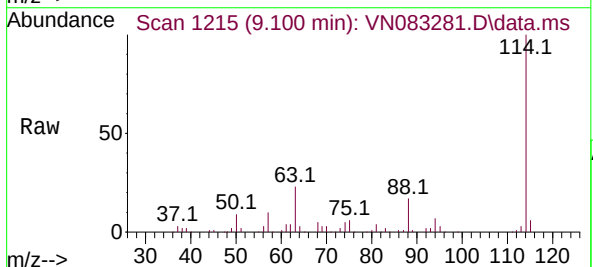
Tgt Ion: 114 Resp: 261677

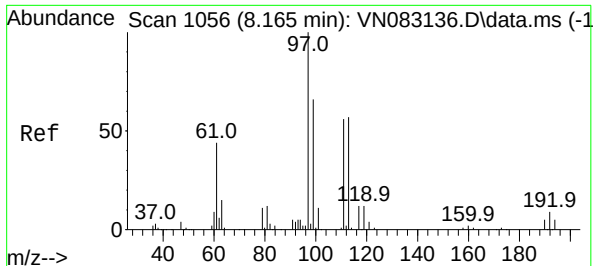
Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

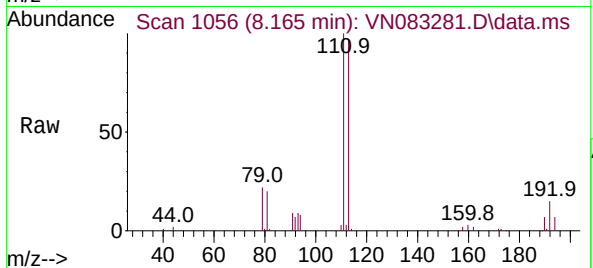
88 16.6 0.0 31.4



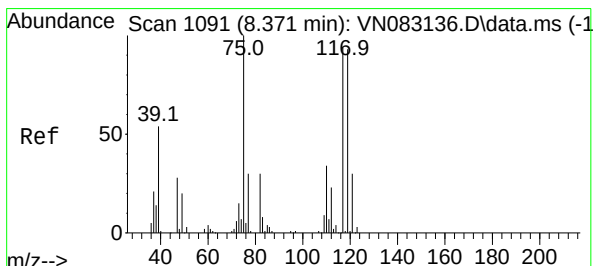
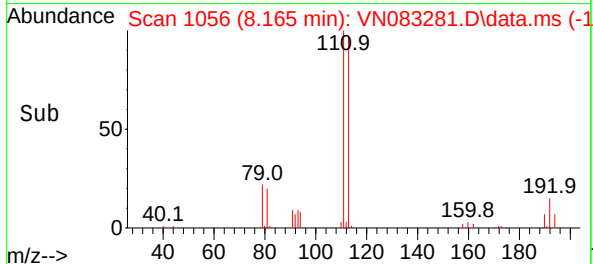
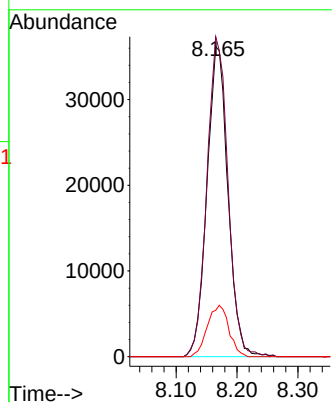


#35
Dibromofluoromethane
Concen: 53.091 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

Instrument :
MSVOA_N
ClientSampleId :

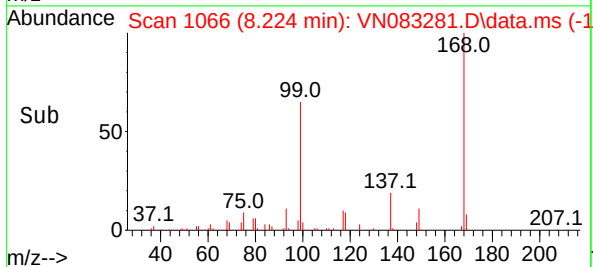
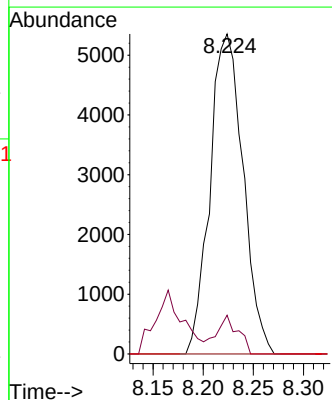
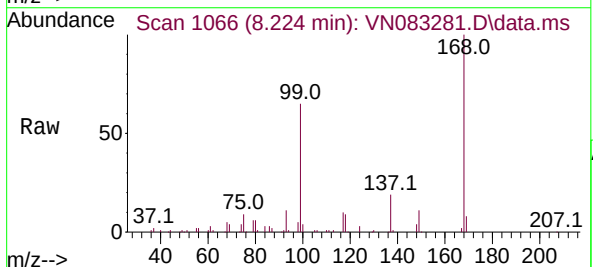


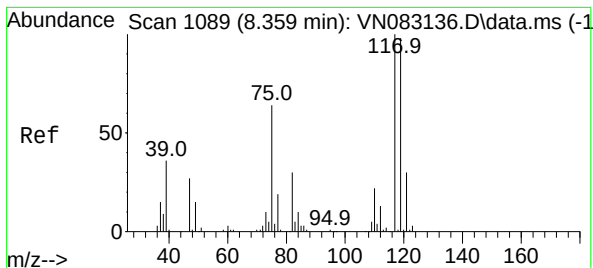
Tgt Ion:113 Resp: 86716
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 17.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.972 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

Tgt Ion: 75 Resp: 12284
Ion Ratio Lower Upper
75 100
110 7.9 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.316 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.129 min

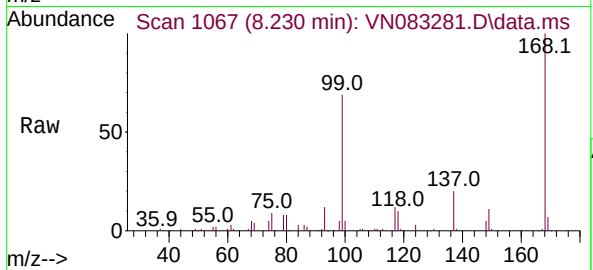
Lab File: VN083281.D

Acq: 14 Aug 2024 06:28

Instrument :

MSVOA_N

ClientSampleId :



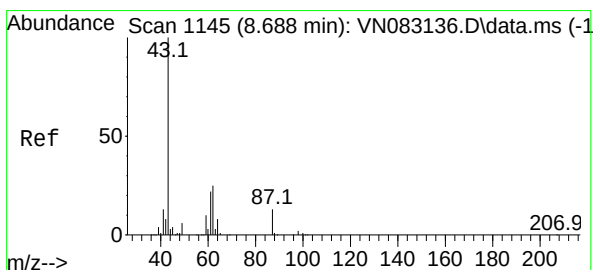
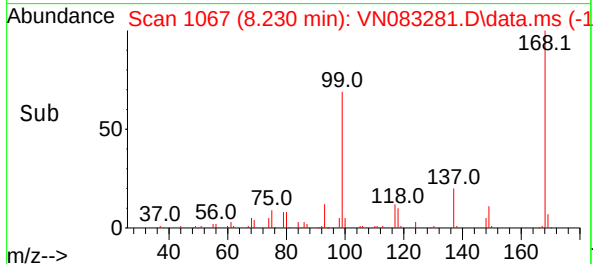
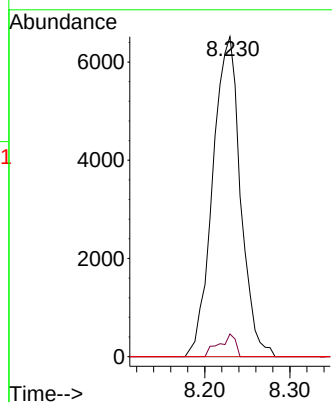
Tgt Ion:117 Resp: 14795

Ion Ratio Lower Upper

117 100

119 7.1 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.677 min Scan# 1143

Delta R.T. -0.011 min

Lab File: VN083281.D

Acq: 14 Aug 2024 06:28

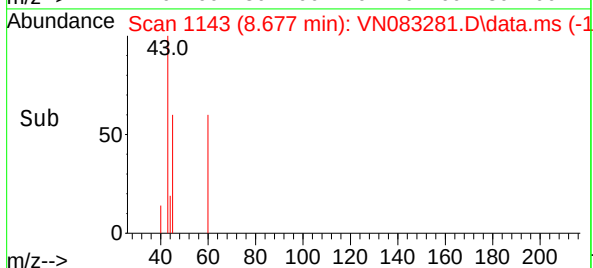
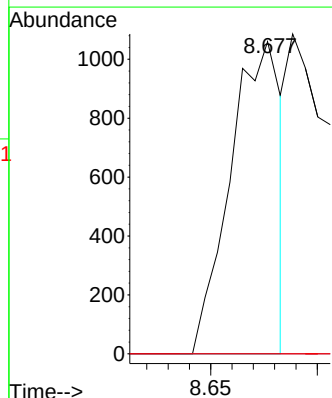
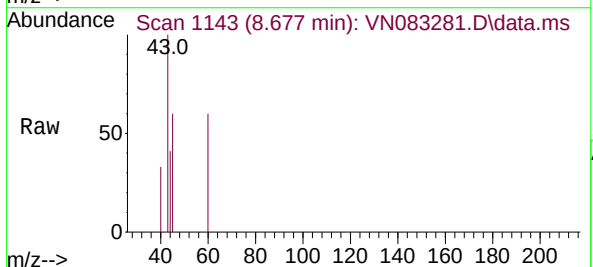
Tgt Ion: 43 Resp: 1747

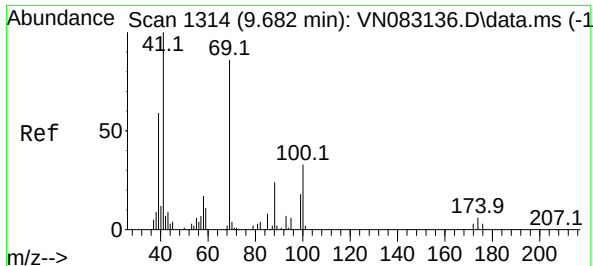
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#





#48

Methyl methacrylate

Concen: 0.544 ug/l

RT: 9.665 min Scan# 14

Delta R.T. -0.018 min MSVOA_N

Lab File: VN083281.D

Acq: 14 Aug 2024 06:28

Instrument :

MSVOA_N

ClientSampleId :

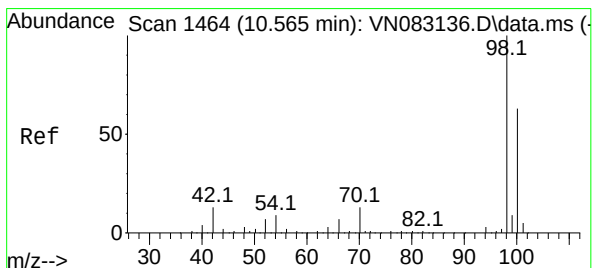
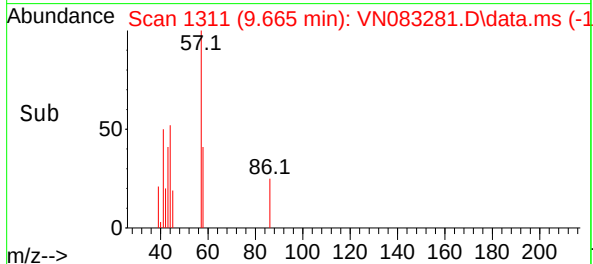
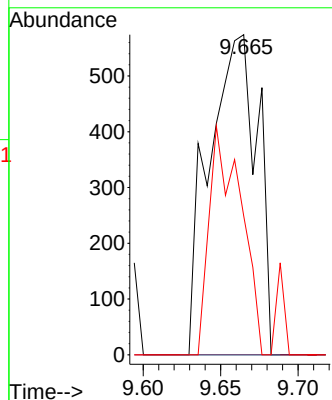
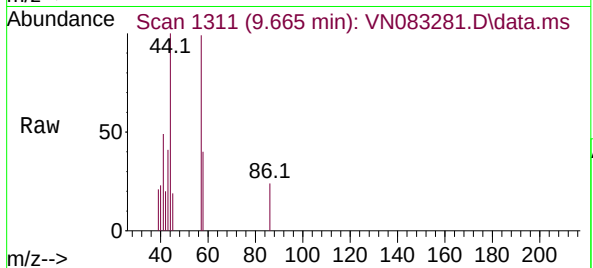
Tgt Ion: 41 Resp: 1244

Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 47.0 50.3 75.5#



#50

Toluene-d8

Concen: 54.058 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083281.D

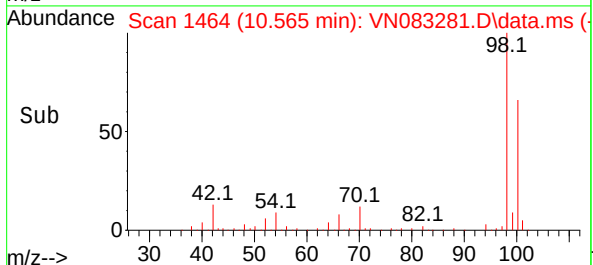
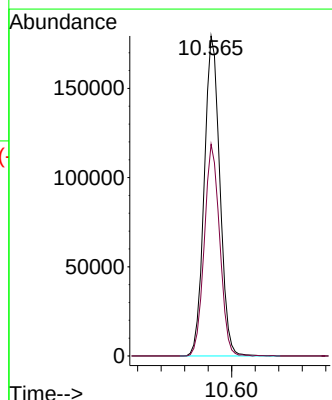
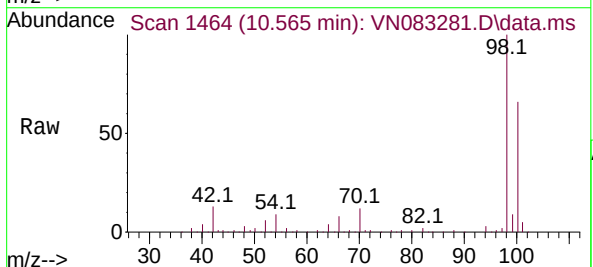
Acq: 14 Aug 2024 06:28

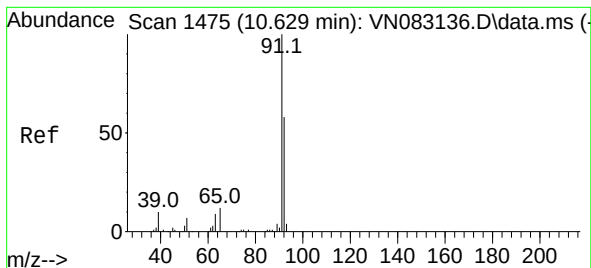
Tgt Ion: 98 Resp: 329361

Ion Ratio Lower Upper

98 100

100 65.3 51.5 77.3





#52

Toluene

Concen: 0.204 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

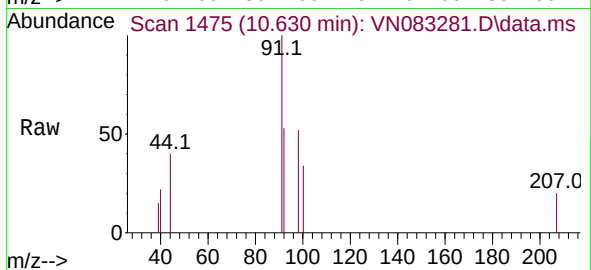
Lab File: VN083281.D

Acq: 14 Aug 2024 06:28

Instrument :

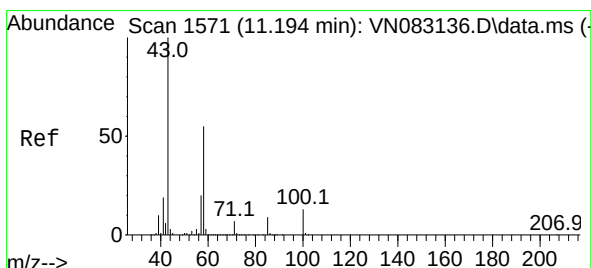
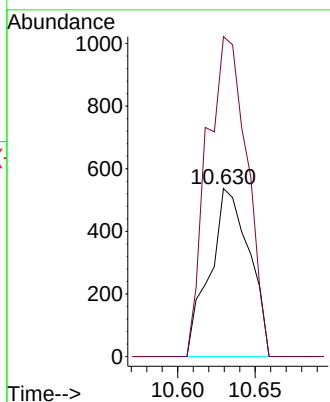
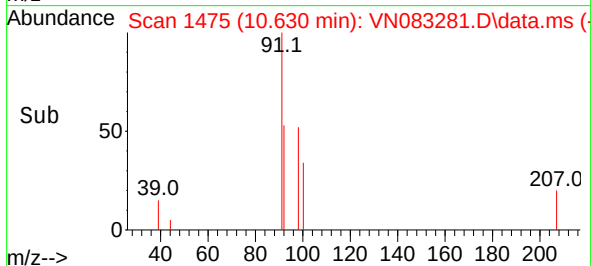
MSVOA_N

ClientSampleId :



Tgt Ion: 92 Resp: 949

Ion	Ratio	Lower	Upper
92	100		
91	193.6	139.4	209.0



#59

2-Hexanone

Concen: 4.953 ug/l

RT: 11.300 min Scan# 1589

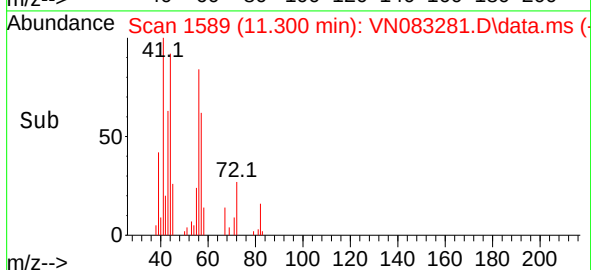
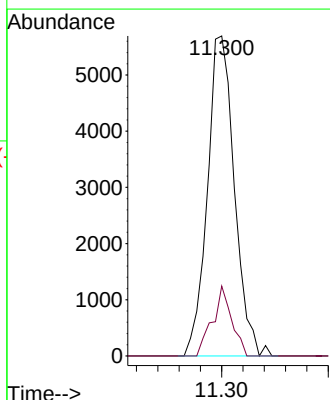
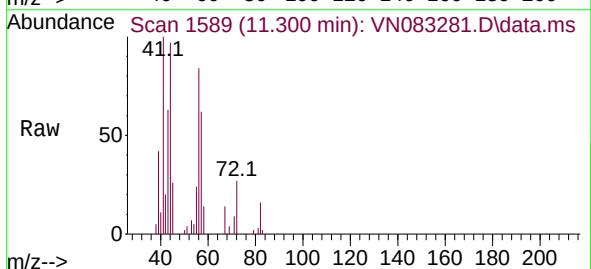
Delta R.T. 0.106 min

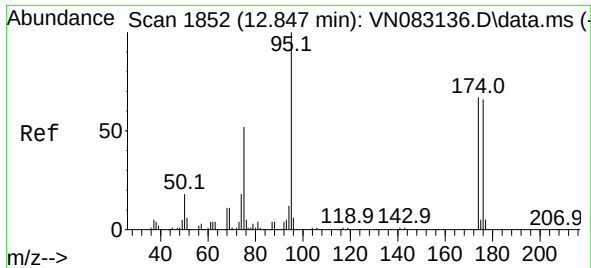
Lab File: VN083281.D

Acq: 14 Aug 2024 06:28

Tgt Ion: 43 Resp: 10024

Ion	Ratio	Lower	Upper
43	100		
58	15.5	24.6	73.8#

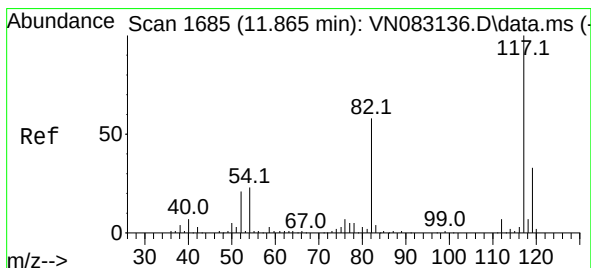
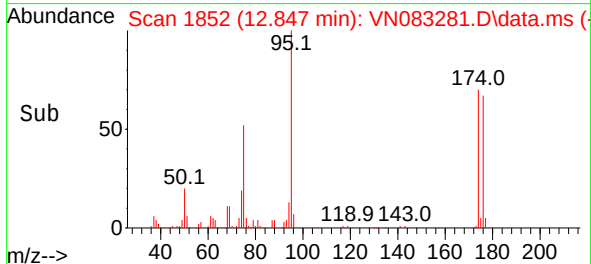
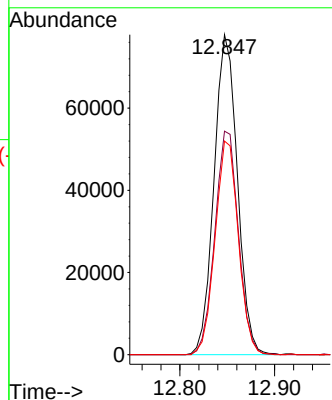
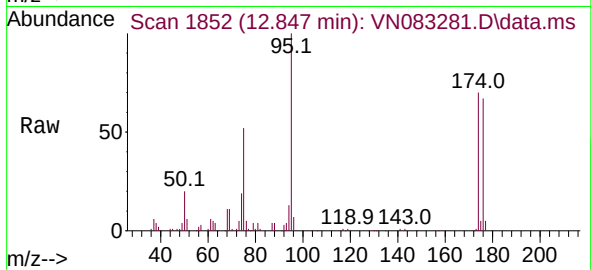




#62
4-Bromofluorobenzene
Concen: 56.137 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

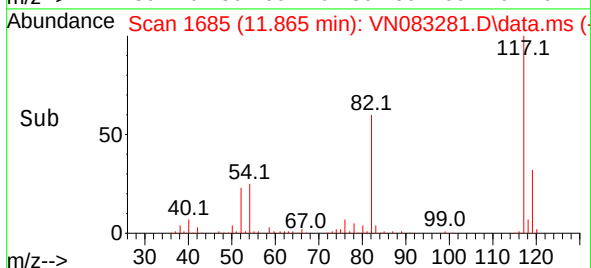
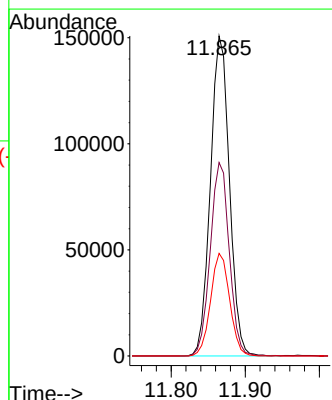
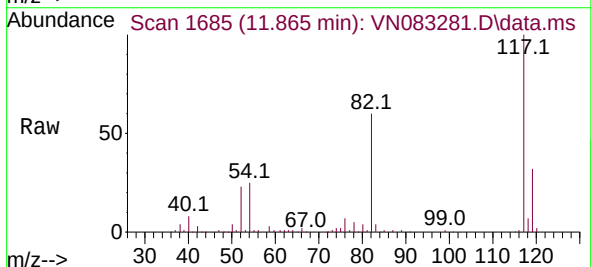
Instrument :
MSVOA_N
ClientSampleId :

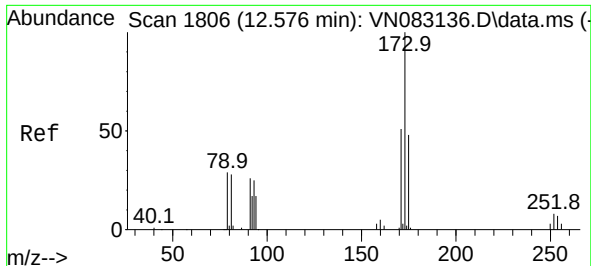
Tgt Ion: 95 Resp: 133342
Ion Ratio Lower Upper
95 100
174 70.5 0.0 159.2
176 66.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

Tgt Ion: 117 Resp: 268472
Ion Ratio Lower Upper
117 100
82 60.4 47.5 71.3
119 32.0 25.6 38.4

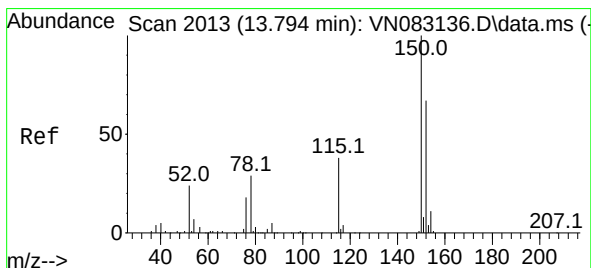
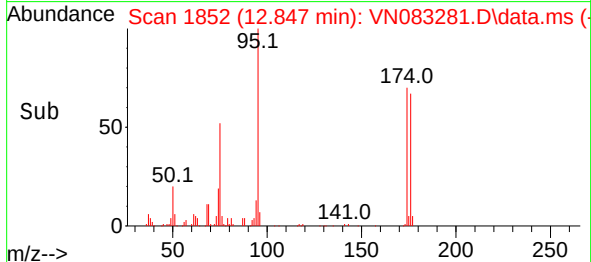
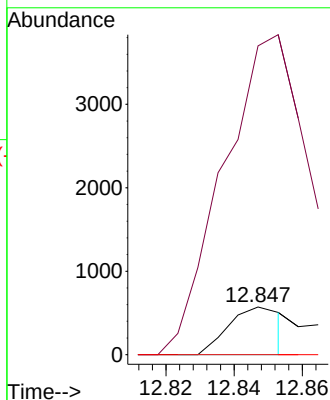
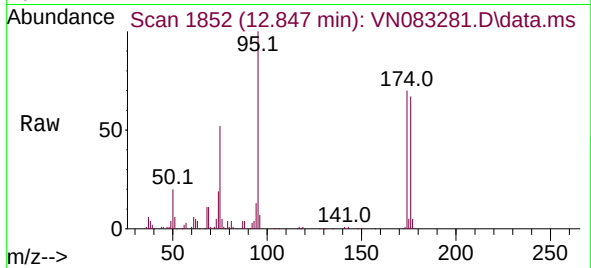




#71
Bromoform
Concen: 0.392 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

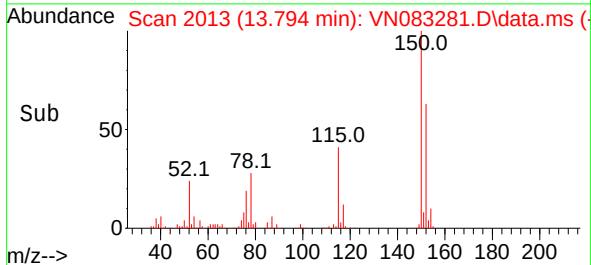
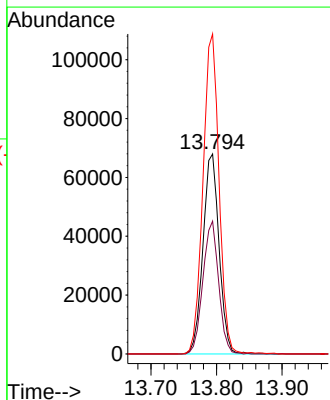
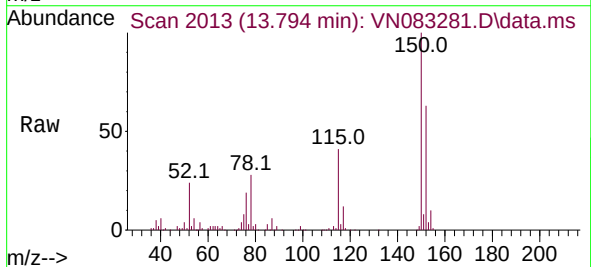
Instrument :
MSVOA_N
ClientSampleId :

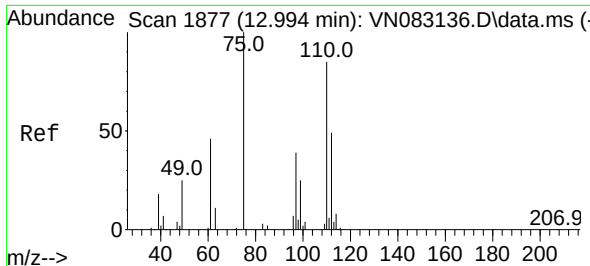
Tgt Ion:173 Resp: 621
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

Tgt Ion:152 Resp: 116504
Ion Ratio Lower Upper
152 100
115 64.8 30.6 91.6
150 159.2 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 28.277 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN083281.D

Acq: 14 Aug 2024 06:28

Instrument :

MSVOA_N

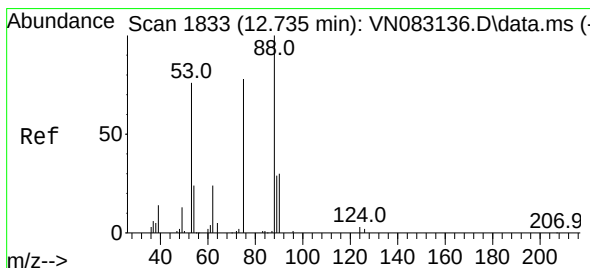
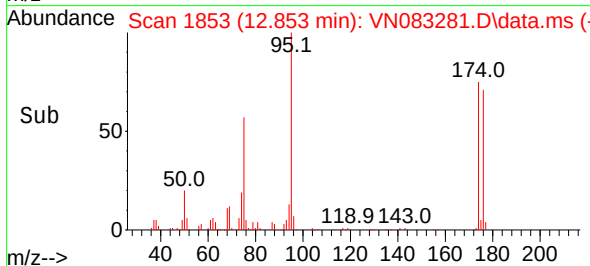
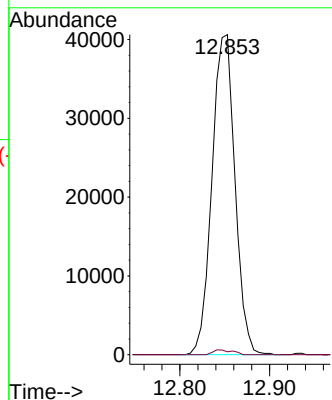
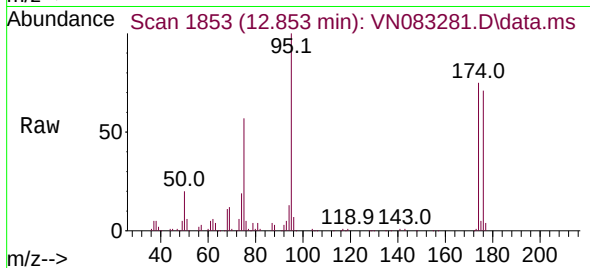
ClientSampleId :

Tgt Ion: 75 Resp: 72303

Ion Ratio Lower Upper

75 100

77 1.3 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.509 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN083281.D

Acq: 14 Aug 2024 06:28

Tgt Ion: 75 Resp: 72303

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

