

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083231.D
 Acq On : 12 Aug 2024 12:35
 Operator : JC\MD
 Sample : P3506-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT4534

Quant Time: Aug 13 04:16:00 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)

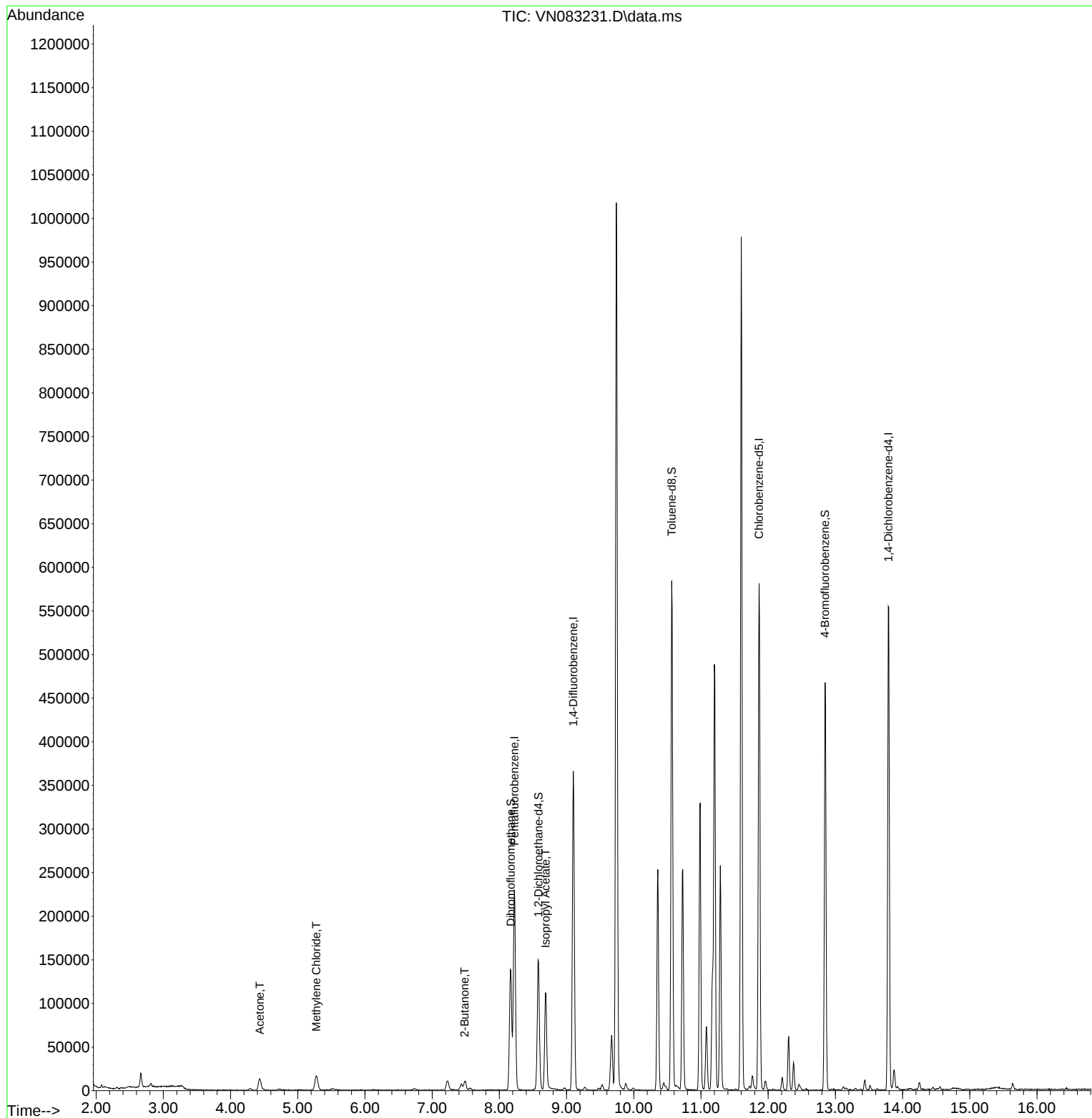
Internal Standards						
1) Pentafluorobenzene	8.224	168	160870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	146363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	127595	55.723	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.440%	
35) Dibromofluoromethane	8.171	113	101185	52.975	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.960%	
50) Toluene-d8	10.565	98	391269	54.915	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	109.840%	
62) 4-Bromofluorobenzene	12.847	95	166836	60.062	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	120.120%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	25560	28.527	ug/l #	88
20) Methylene Chloride	5.277	84	13347	6.473	ug/l #	83
25) 2-Butanone	7.483	43	17651	12.830	ug/l	91
43) Isopropyl Acetate	8.688	43	131342	22.080	ug/l #	92

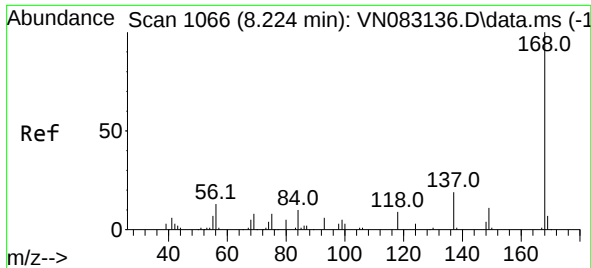
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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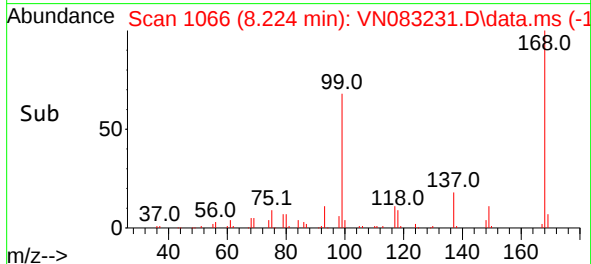
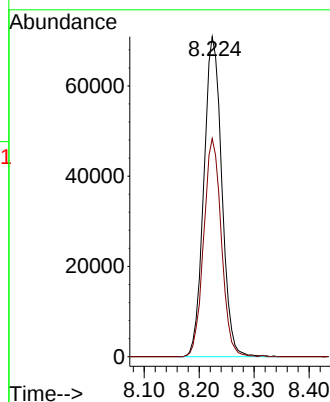
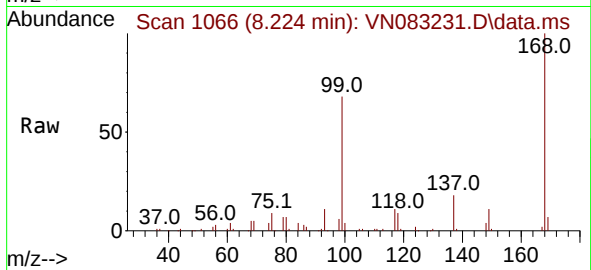




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083231.D
Acq: 12 Aug 2024 12:35

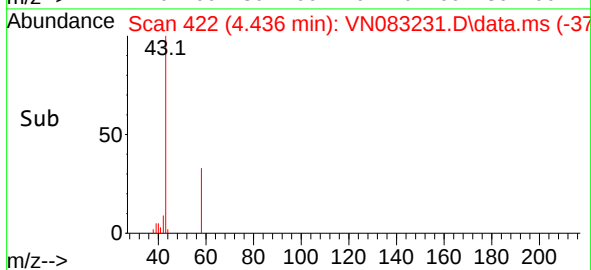
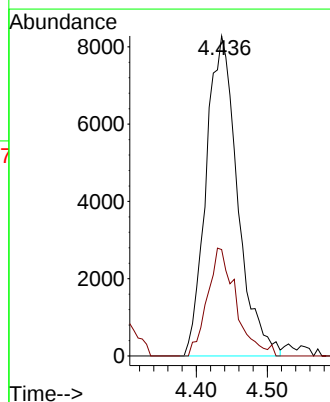
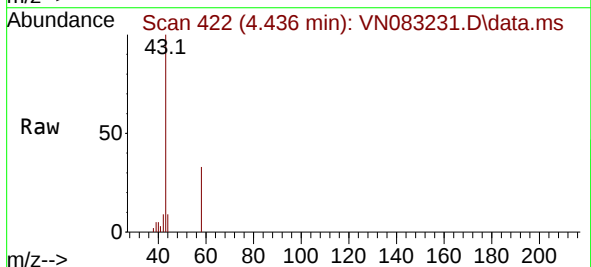
Instrument :
MSVOA_N
ClientSampleId :
RT4534

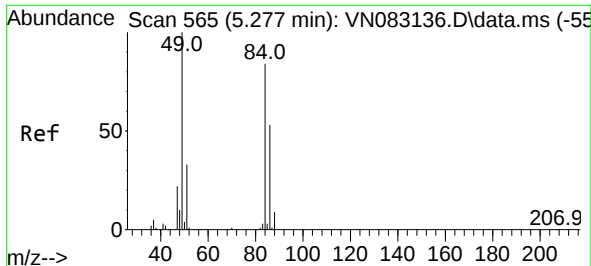
Tgt Ion:168 Resp: 160870
Ion Ratio Lower Upper
168 100
99 68.2 48.2 72.4



#16
Acetone
Concen: 28.527 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083231.D
Acq: 12 Aug 2024 12:35

Tgt Ion: 43 Resp: 25560
Ion Ratio Lower Upper
43 100
58 33.3 21.8 32.6#

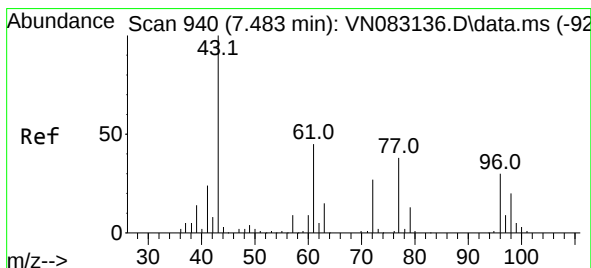
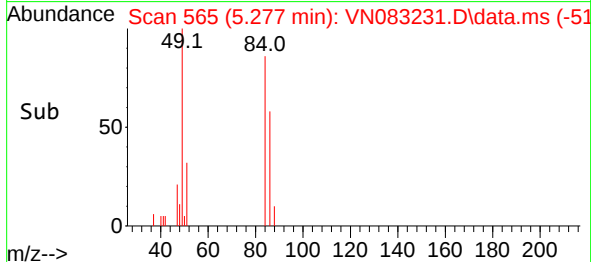
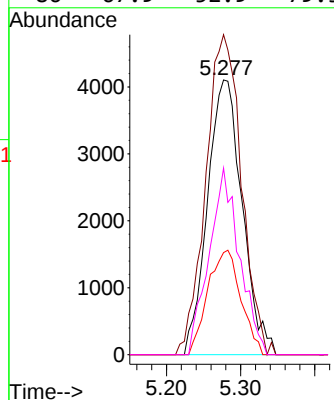
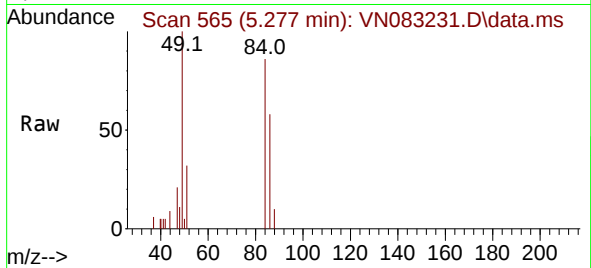




#20
Methylene Chloride
Concen: 6.473 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083231.D
Acq: 12 Aug 2024 12:35

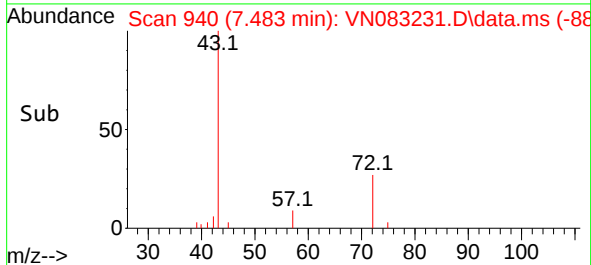
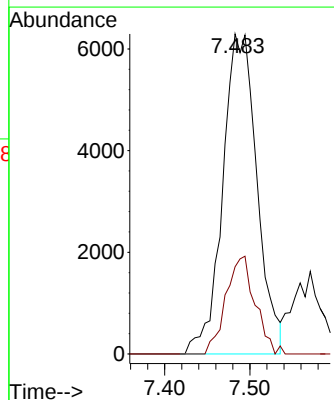
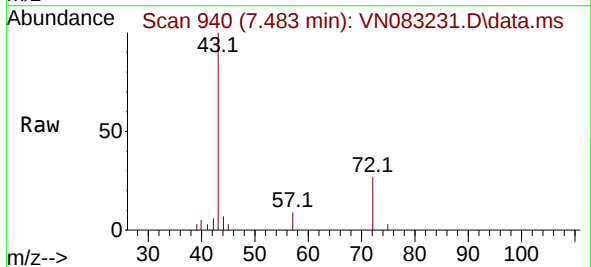
Instrument :
MSVOA_N
ClientSampleId :
RT4534

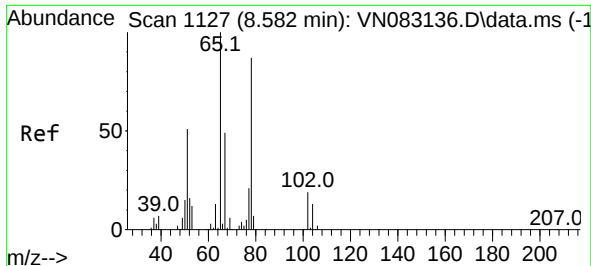
Tgt Ion:	84	Resp:	13347
Ion	Ratio	Lower	Upper
84	100		
49	116.5	119.6	179.4#
51	37.1	34.8	52.2
86	67.9	52.9	79.3



#25
2-Butanone
Concen: 12.830 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083231.D
Acq: 12 Aug 2024 12:35

Tgt Ion:	43	Resp:	17651
Ion	Ratio	Lower	Upper
43	100		
72	27.2	18.2	27.2





#33

1,2-Dichloroethane-d4

Concen: 55.723 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083231.D

Acq: 12 Aug 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

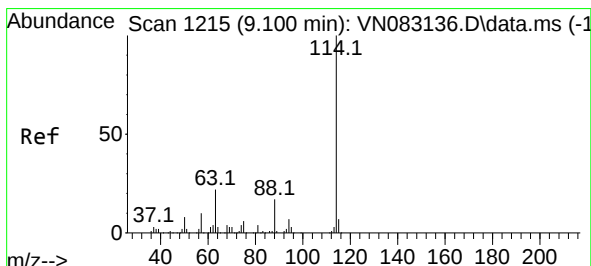
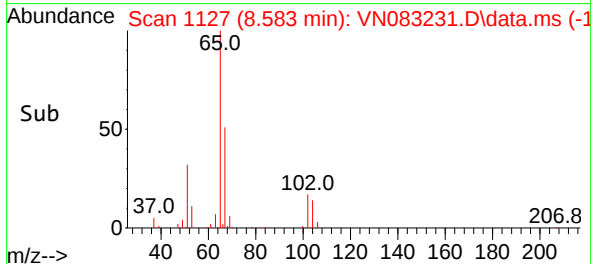
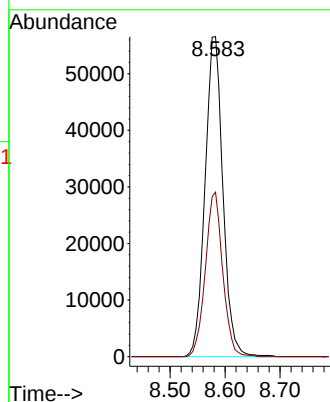
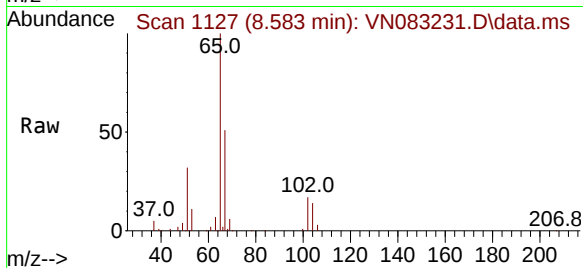
RT4534

Tgt Ion: 65 Resp: 127595

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: VN083231.D

Acq: 12 Aug 2024 12:35

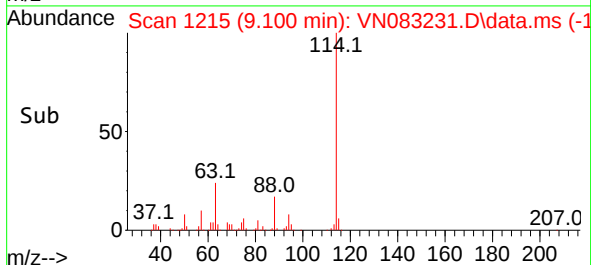
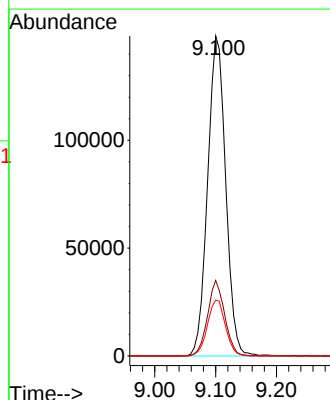
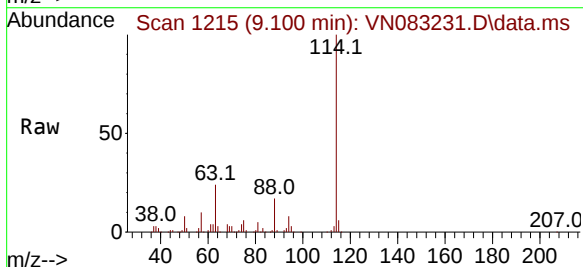
Tgt Ion: 114 Resp: 306010

Ion Ratio Lower Upper

114 100

63 23.6 0.0 44.6

88 17.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.975 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083231.D

Acq: 12 Aug 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

RT4534

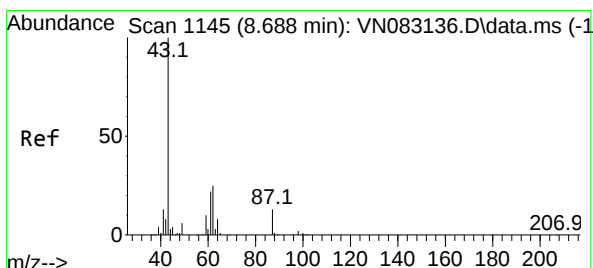
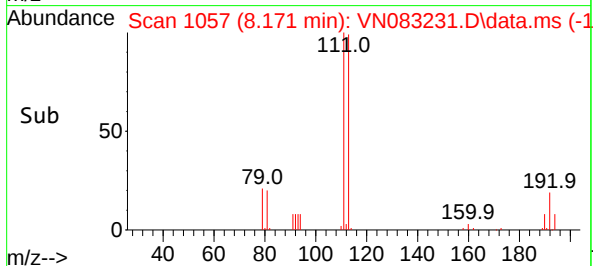
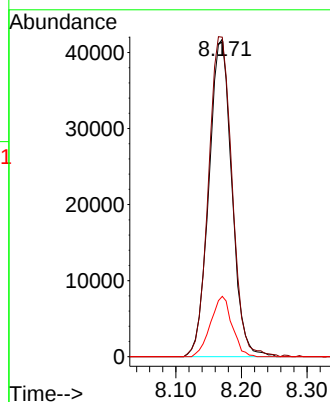
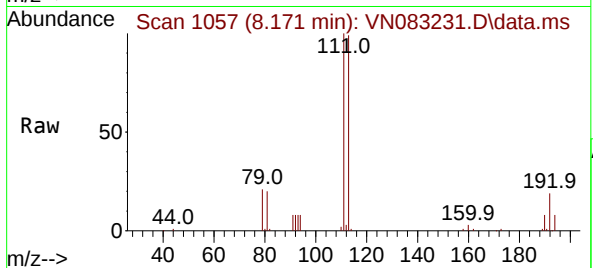
Tgt Ion:113 Resp: 101185

Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

192 17.8 14.9 22.3



#43

Isopropyl Acetate

Concen: 22.080 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083231.D

Acq: 12 Aug 2024 12:35

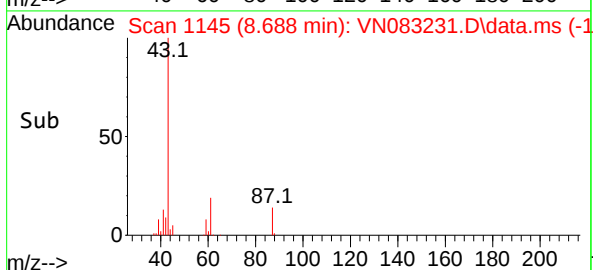
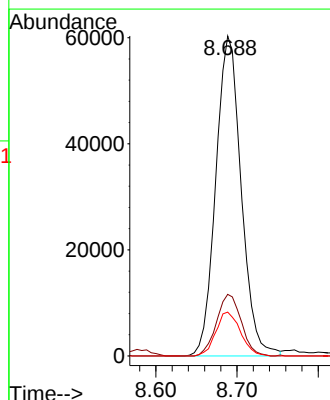
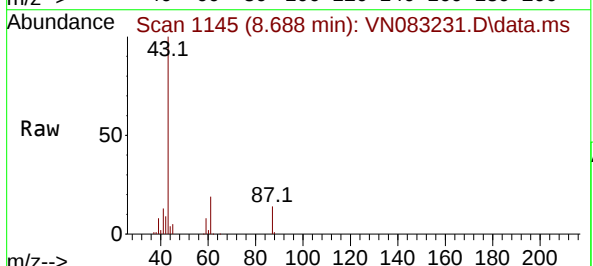
Tgt Ion: 43 Resp: 131342

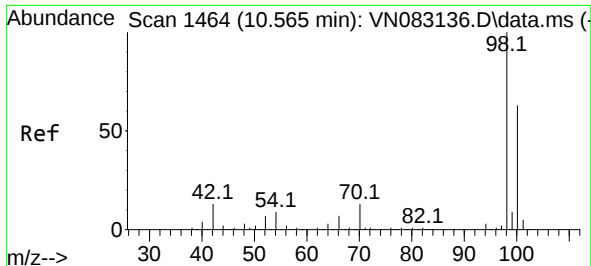
Ion Ratio Lower Upper

43 100

61 18.7 17.8 26.6

87 13.3 8.2 12.2#

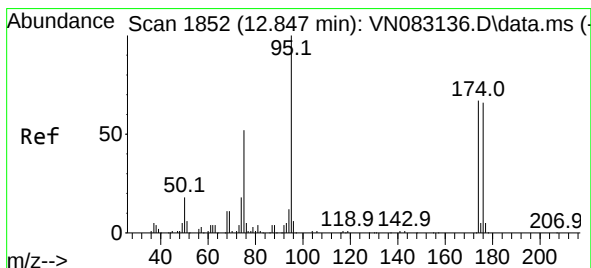
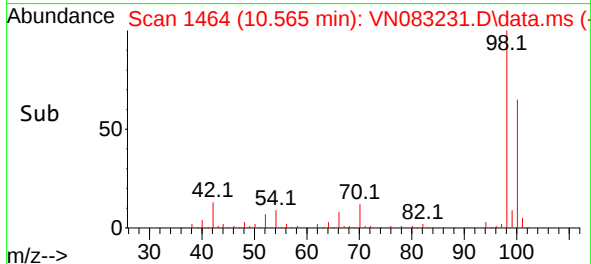
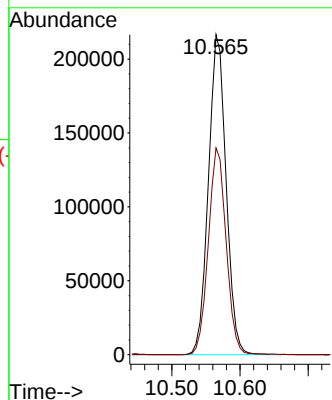
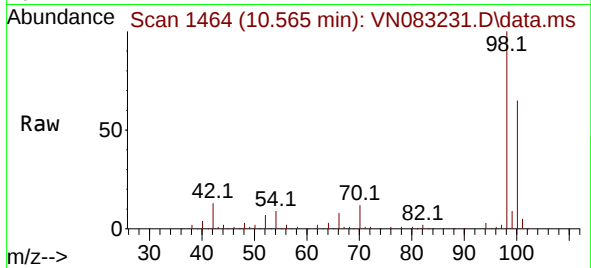




#50
Toluene-d8
Concen: 54.915 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083231.D
Acq: 12 Aug 2024 12:35

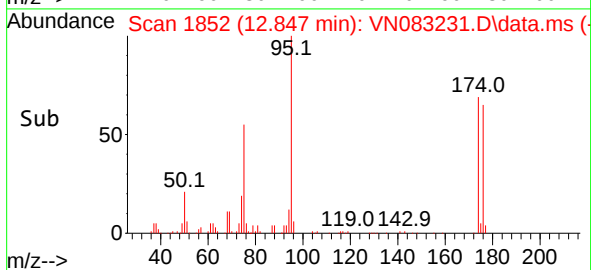
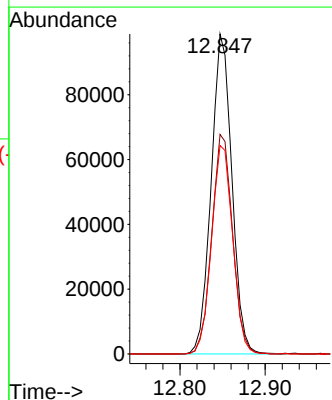
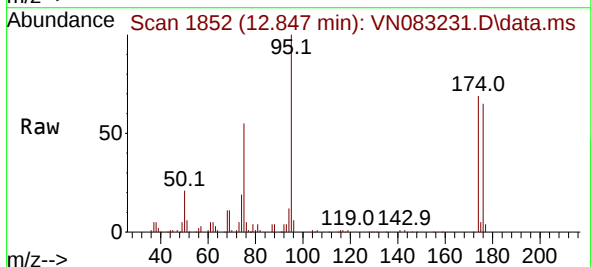
Instrument :
MSVOA_N
ClientSampleId :
RT4534

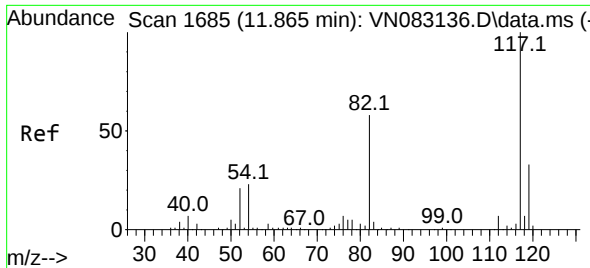
Tgt Ion: 98 Resp: 391269
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 60.062 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083231.D
Acq: 12 Aug 2024 12:35

Tgt Ion: 95 Resp: 166836
Ion Ratio Lower Upper
95 100
174 69.0 0.0 159.2
176 66.5 0.0 147.6

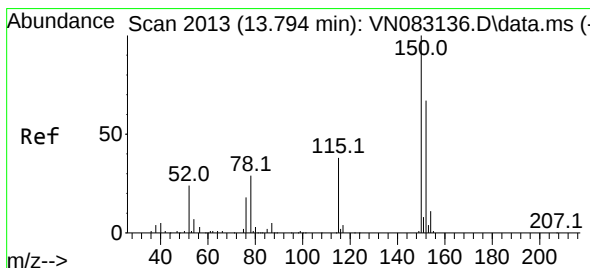
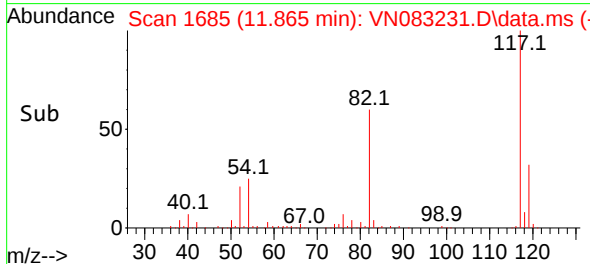
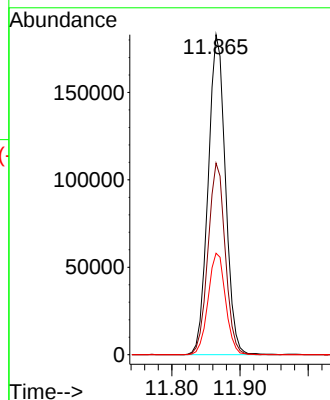
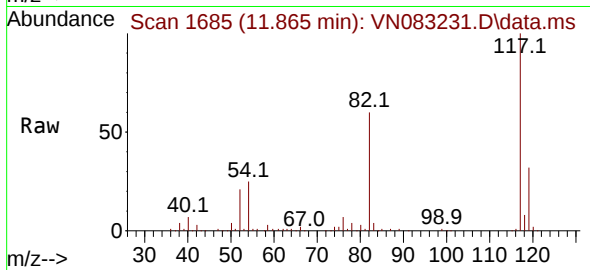




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083231.D
Acq: 12 Aug 2024 12:35

Instrument :
MSVOA_N
ClientSampleId :
RT4534

Tgt Ion:117 Resp: 323138
Ion Ratio Lower Upper
117 100
82 59.8 47.5 71.3
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN083231.D
Acq: 12 Aug 2024 12:35

Tgt Ion:152 Resp: 146363
Ion Ratio Lower Upper
152 100
115 64.4 30.6 91.6
150 158.4 0.0 348.6

