

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083235.D
 Acq On : 12 Aug 2024 14:11
 Operator : JC\MD
 Sample : PB162664ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162664ZHE#02

Quant Time: Aug 13 04:18:33 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)

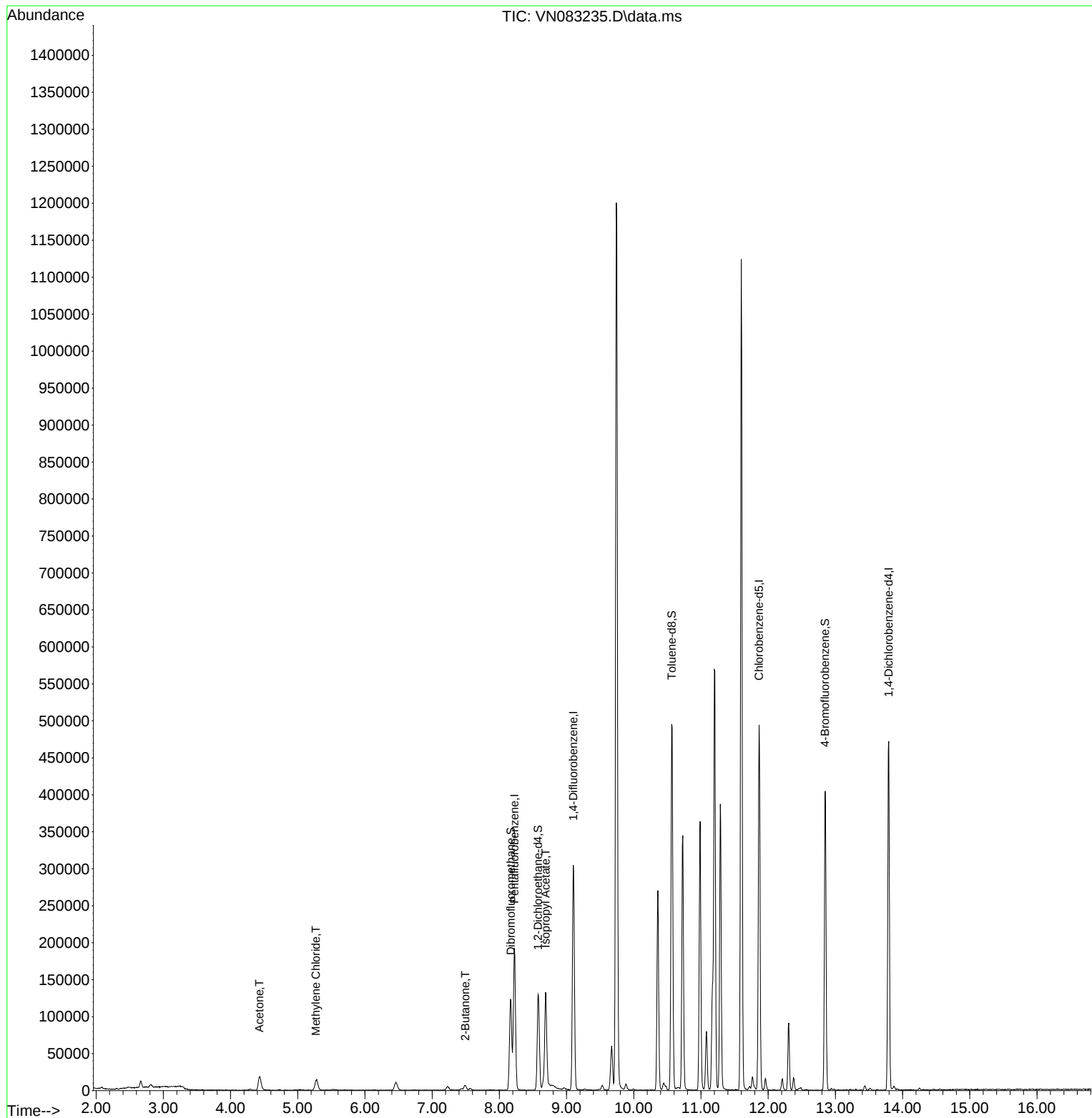
Internal Standards						
1) Pentafluorobenzene	8.224	168	130117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111782	60.355	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 120.720%		
35) Dibromofluoromethane	8.171	113	89607	55.991	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 111.980%		
50) Toluene-d8	10.565	98	345411	57.860	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 115.720%#		
62) 4-Bromofluorobenzene	12.847	95	146042	62.750	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 125.500%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	36545	50.427	ug/l	95
20) Methylene Chloride	5.271	84	11139	6.679	ug/l #	76
25) 2-Butanone	7.494	43	11538	10.369	ug/l	97
43) Isopropyl Acetate	8.688	43	166224	34.483	ug/l #	91

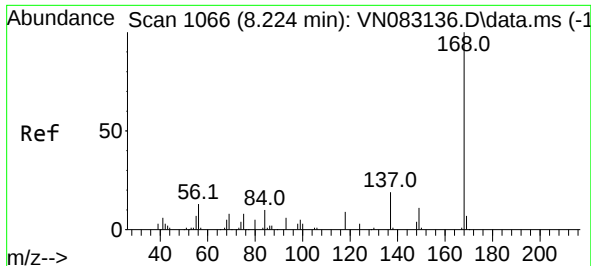
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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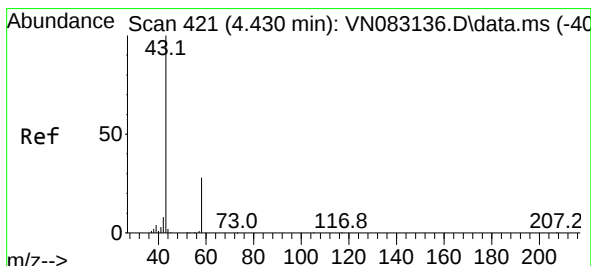
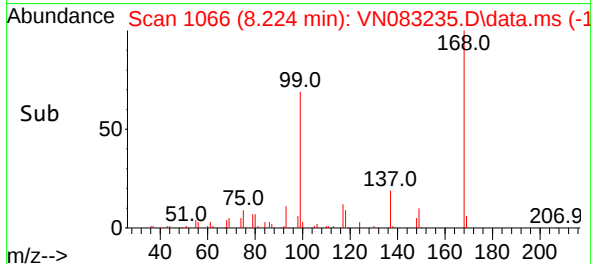
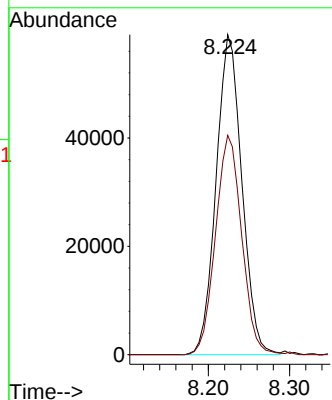
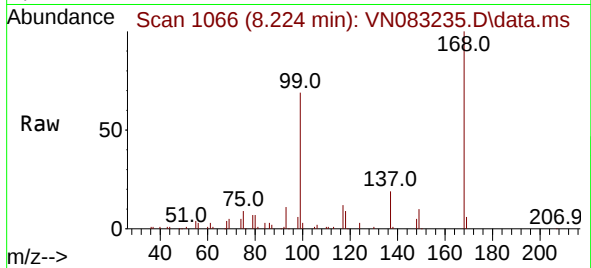




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083235.D
Acq: 12 Aug 2024 14:11

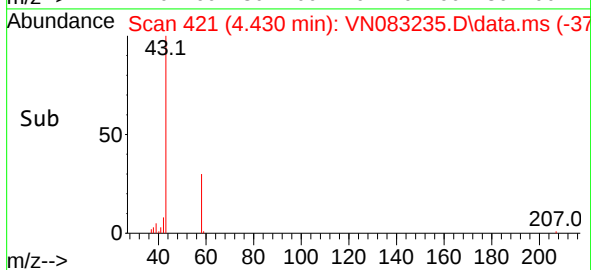
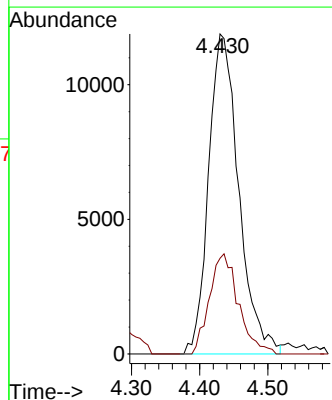
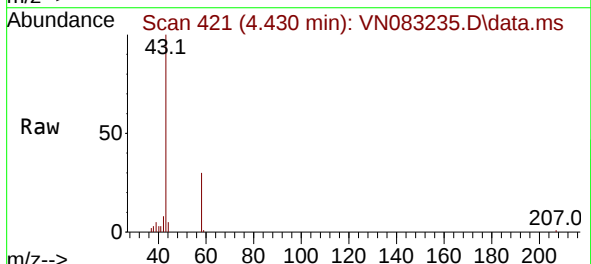
Instrument :
MSVOA_N
ClientSampleId :
PB162664ZHE#02

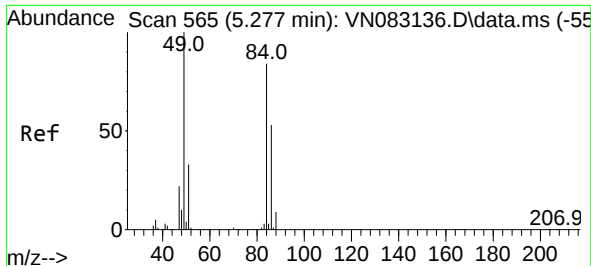
Tgt Ion:168 Resp: 130117
Ion Ratio Lower Upper
168 100
99 68.6 48.2 72.4



#16
Acetone
Concen: 50.427 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083235.D
Acq: 12 Aug 2024 14:11

Tgt Ion: 43 Resp: 36545
Ion Ratio Lower Upper
43 100
58 29.9 21.8 32.6

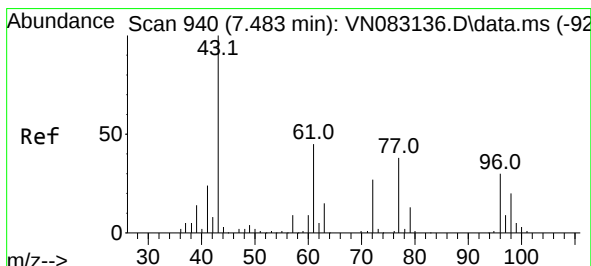
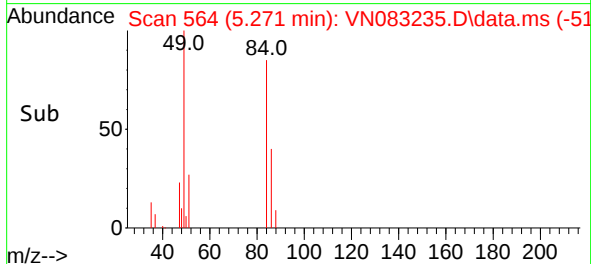
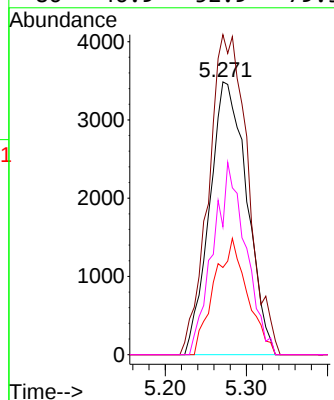
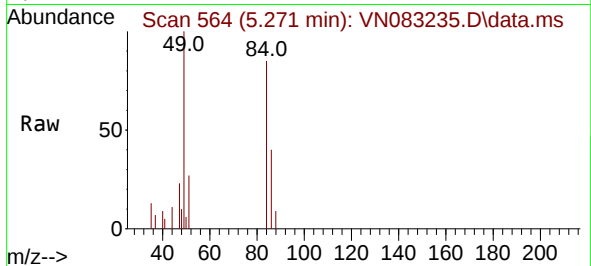




#20
Methylene Chloride
Concen: 6.679 ug/l
RT: 5.271 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN083235.D
Acq: 12 Aug 2024 14:11

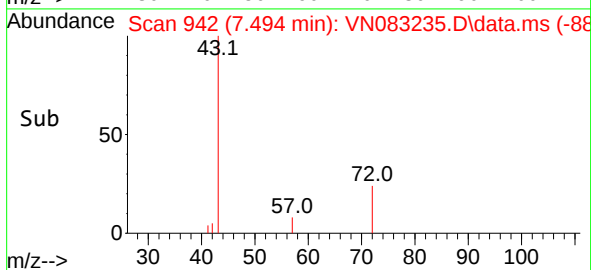
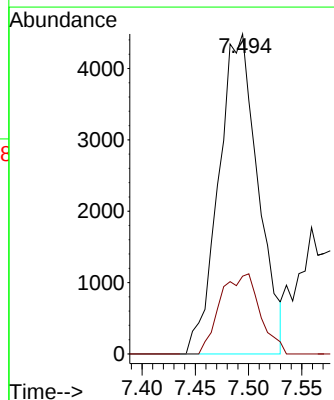
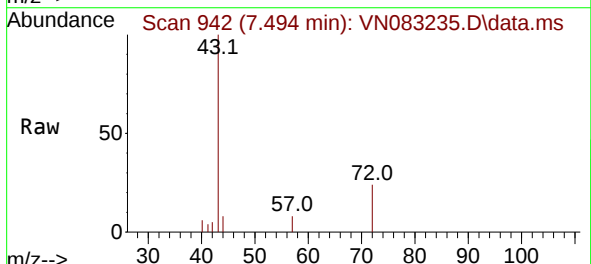
Instrument :
MSVOA_N
ClientSampleId :
PB162664ZHE#02

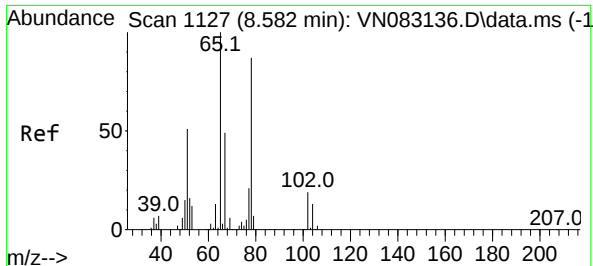
Tgt Ion:	84	Resp:	11139
Ion	Ratio	Lower	Upper
84	100		
49	117.3	119.6	179.4#
51	32.0	34.8	52.2#
86	46.9	52.9	79.3#



#25
2-Butanone
Concen: 10.369 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083235.D
Acq: 12 Aug 2024 14:11

Tgt Ion:	43	Resp:	11538
Ion	Ratio	Lower	Upper
43	100		
72	24.3	18.2	27.2





#33

1,2-Dichloroethane-d4

Concen: 60.355 ug/l

RT: 8.577 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN083235.D

Acq: 12 Aug 2024 14:11

Instrument :

MSVOA_N

ClientSampleId :

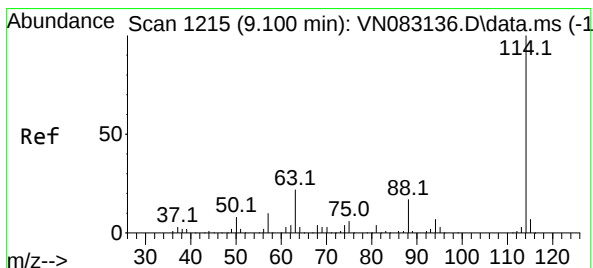
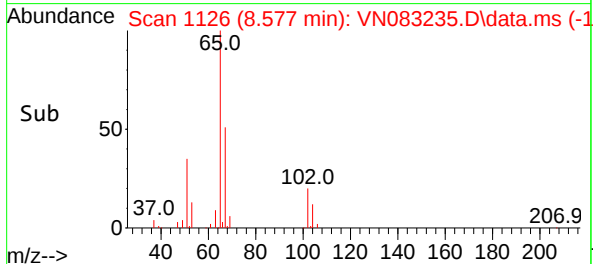
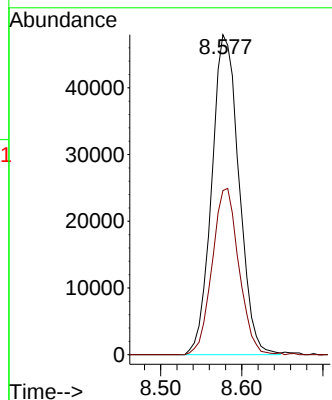
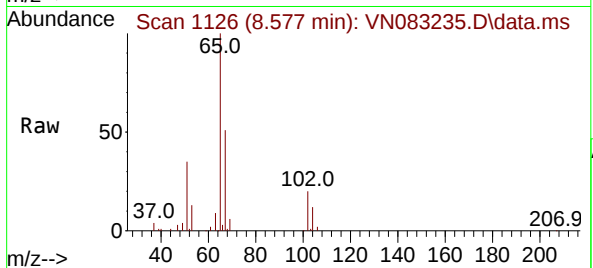
PB162664ZHE#02

Tgt Ion: 65 Resp: 111782

Ion Ratio Lower Upper

65 100

67 50.9 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: VN083235.D

Acq: 12 Aug 2024 14:11

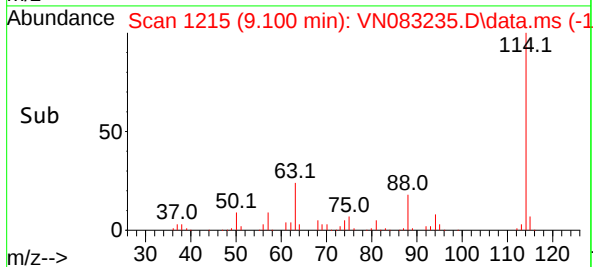
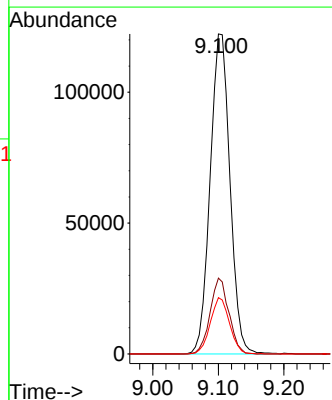
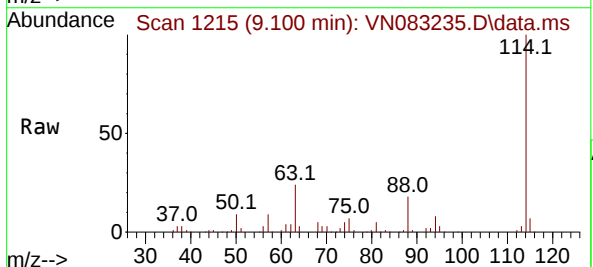
Tgt Ion: 114 Resp: 256396

Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.6

88 17.6 0.0 31.4

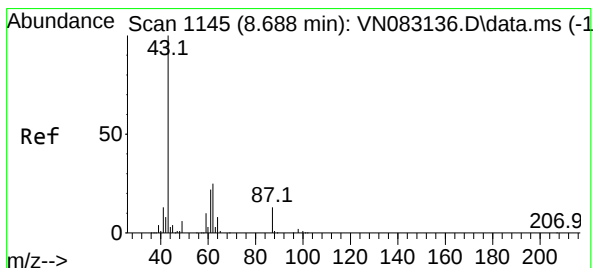
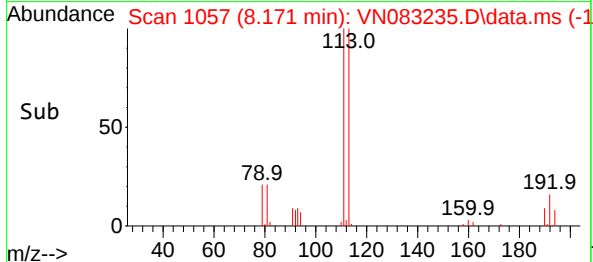
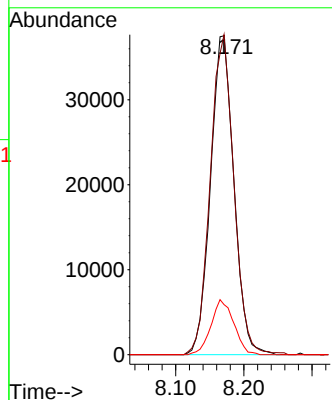
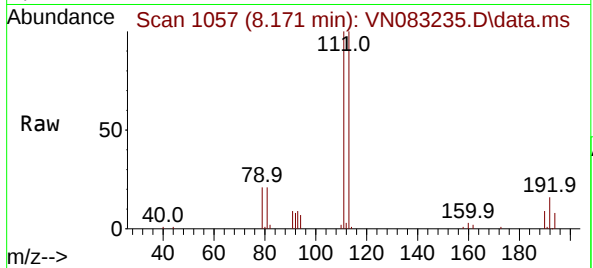




#35
Dibromofluoromethane
Concen: 55.991 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN083235.D
Acq: 12 Aug 2024 14:11

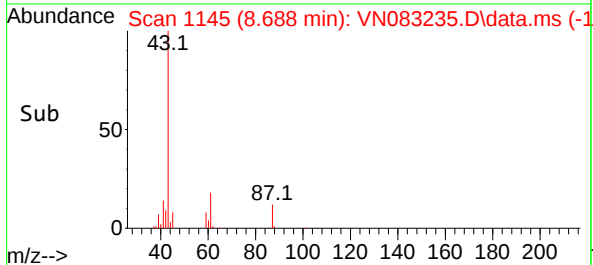
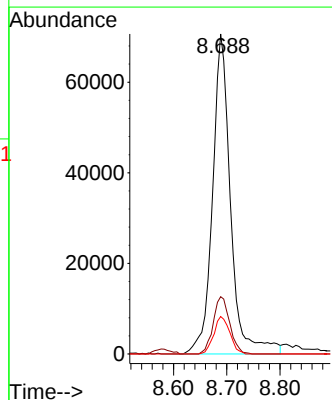
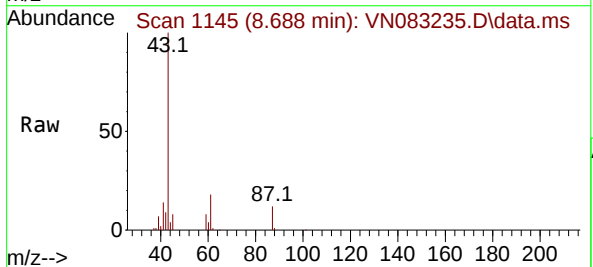
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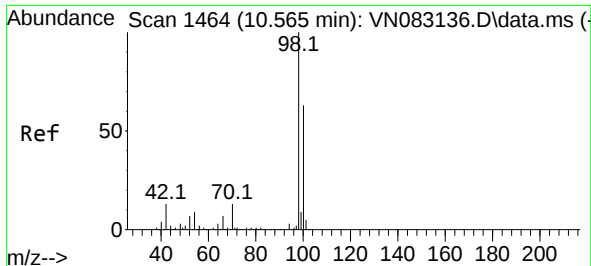
Tgt Ion:113 Resp: 89607
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 16.9 14.9 22.3



#43
Isopropyl Acetate
Concen: 34.483 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083235.D
Acq: 12 Aug 2024 14:11

Tgt Ion: 43 Resp: 166224
Ion Ratio Lower Upper
43 100
61 16.3 17.8 26.6#
87 10.4 8.2 12.2

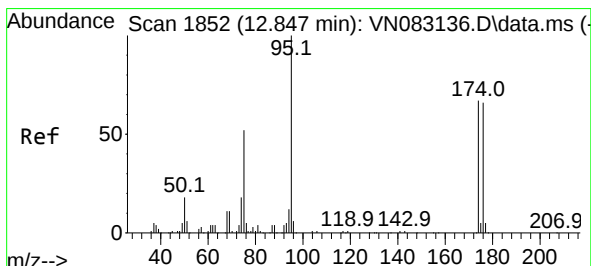
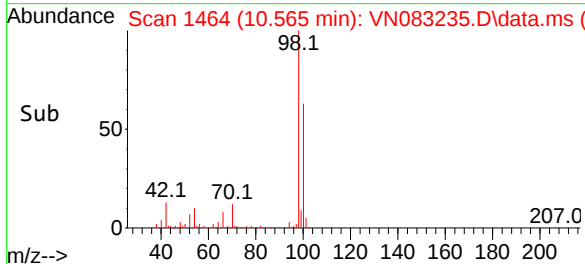
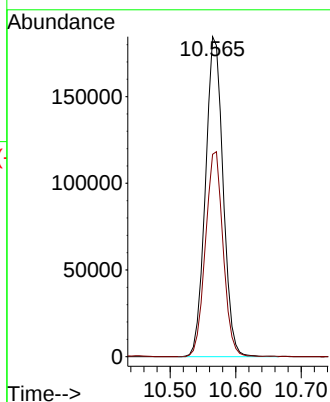
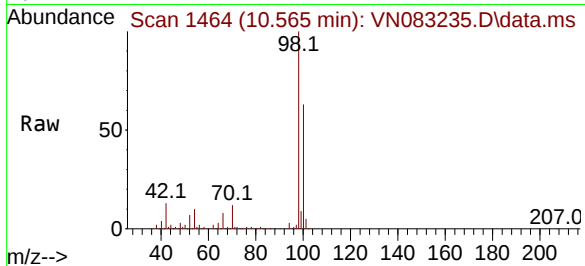




#50
Toluene-d8
Concen: 57.860 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083235.D
Acq: 12 Aug 2024 14:11

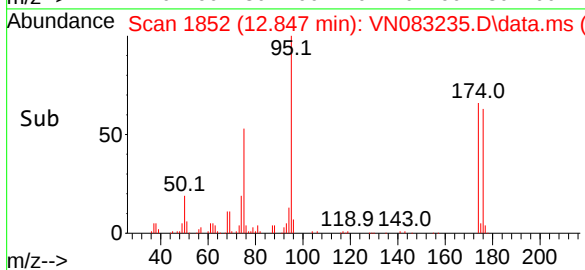
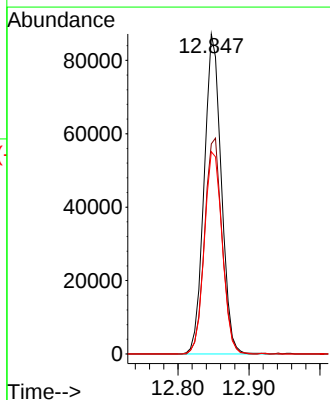
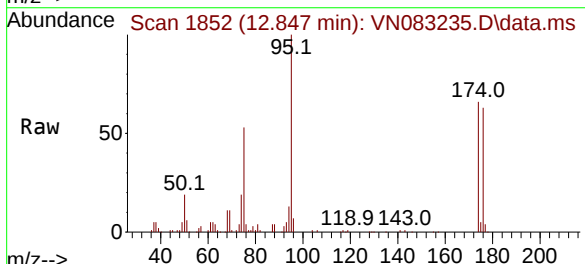
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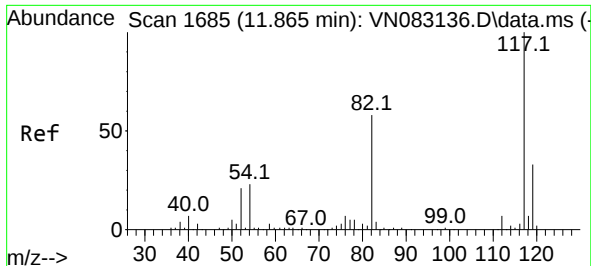
Tgt Ion: 98 Resp: 345411
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 62.750 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083235.D
Acq: 12 Aug 2024 14:11

Tgt Ion: 95 Resp: 146042
Ion Ratio Lower Upper
95 100
174 68.9 0.0 159.2
176 66.0 0.0 147.6

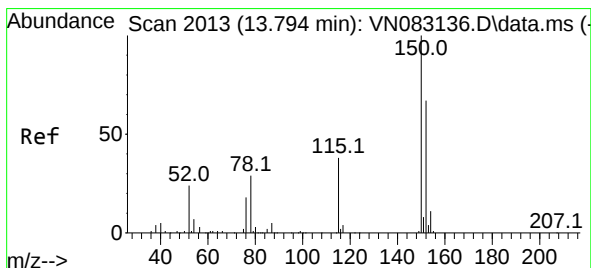
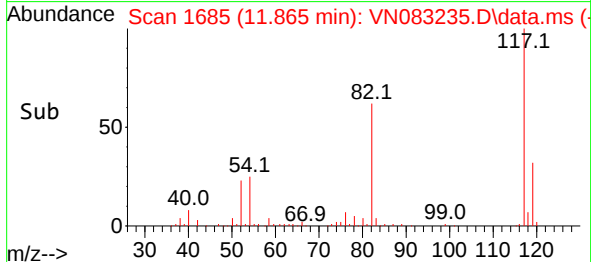
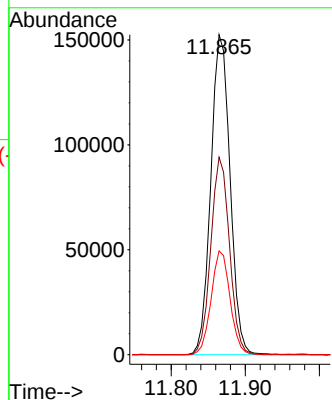
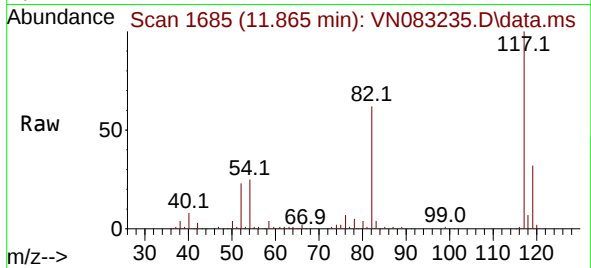




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083235.D
Acq: 12 Aug 2024 14:11

Instrument :
MSVOA_N
ClientSampleId :
PB162664ZHE#02

Tgt Ion:117 Resp: 275391
Ion Ratio Lower Upper
117 100
82 61.7 47.5 71.3
119 32.4 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: VN083235.D
Acq: 12 Aug 2024 14:11

Tgt Ion:152 Resp: 123688
Ion Ratio Lower Upper
152 100
115 64.1 30.6 91.6
150 158.1 0.0 348.6

