

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088156.D
 Acq On : 29 Oct 2025 13:44
 Operator : JC\MD
 Sample : PB170296TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB170296TB

Quant Time: Oct 30 04:05:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

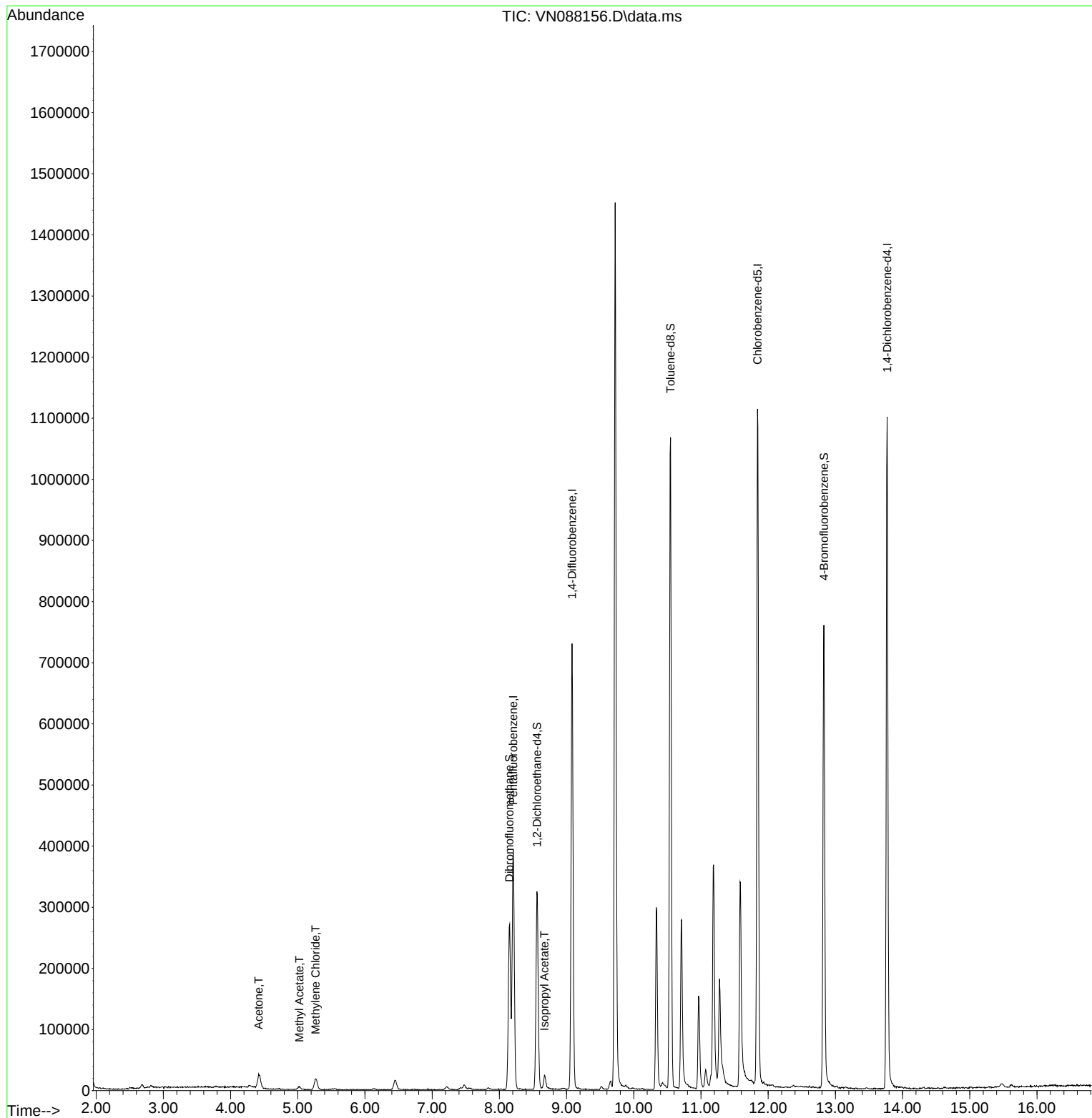
Internal Standards						
1) Pentafluorobenzene	8.206	168	257074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	592700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	583875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	280235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	271649	61.109	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.220%
35) Dibromofluoromethane	8.147	113	192003	48.220	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.440%
50) Toluene-d8	10.547	98	710422	46.304	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.600%
62) 4-Bromofluorobenzene	12.829	95	277866	51.282	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.560%
Target Compounds						
						Qvalue
16) Acetone	4.418	43	45691	20.459	ug/l	94
18) Methyl Acetate	5.024	43	10457	2.287	ug/l	99
20) Methylene Chloride	5.265	84	14096	4.765	ug/l #	87
43) Isopropyl Acetate	8.671	43	28258	2.451	ug/l	93

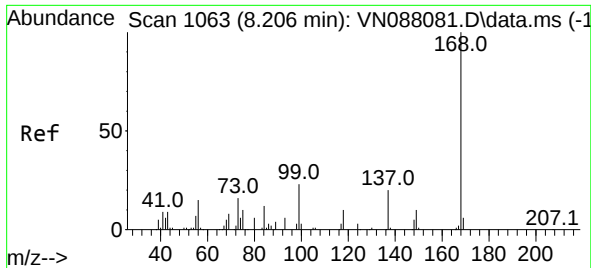
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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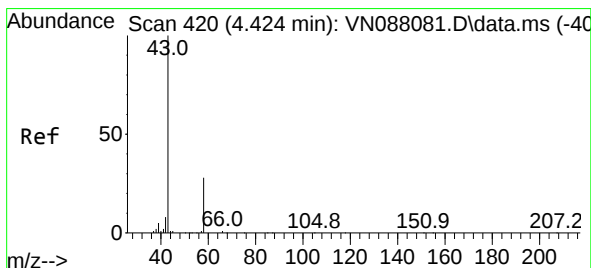
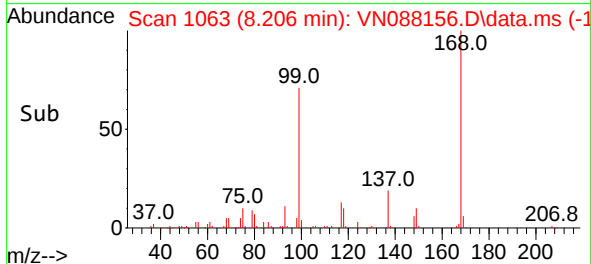
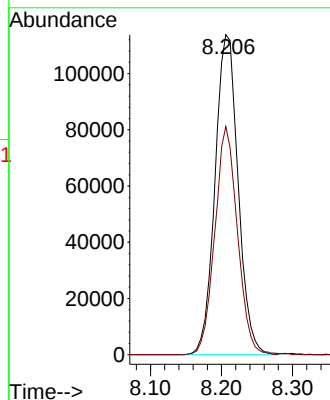
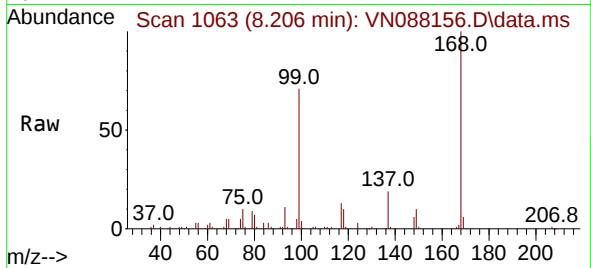




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088156.D
Acq: 29 Oct 2025 13:44

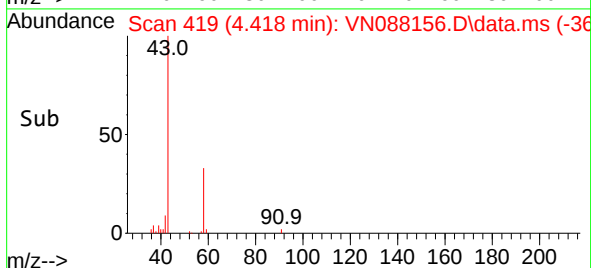
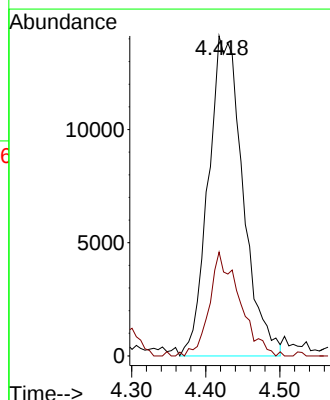
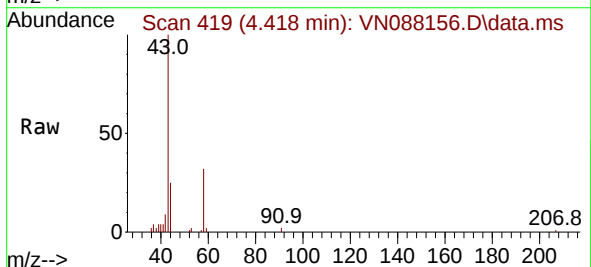
Instrument :
MSVOA_N
ClientSampleId :
PB170296TB

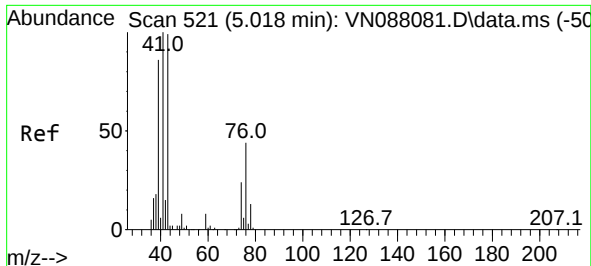
Tgt Ion:168 Resp: 257074
Ion Ratio Lower Upper
168 100
99 71.3 57.2 85.8



#16
Acetone
Concen: 20.459 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088156.D
Acq: 29 Oct 2025 13:44

Tgt Ion: 43 Resp: 45691
Ion Ratio Lower Upper
43 100
58 31.3 22.6 33.8

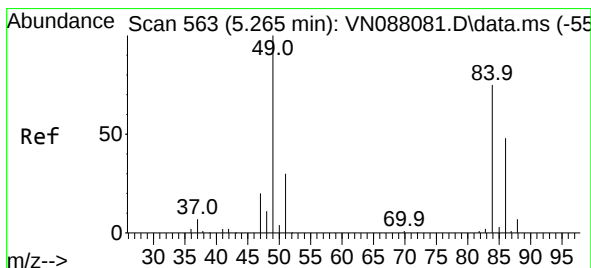
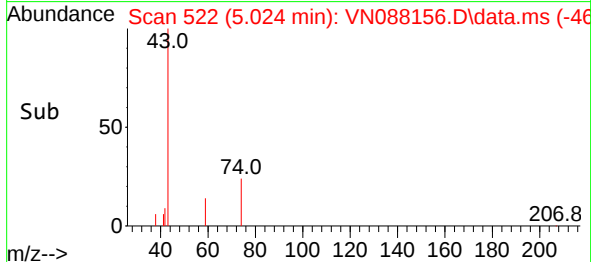
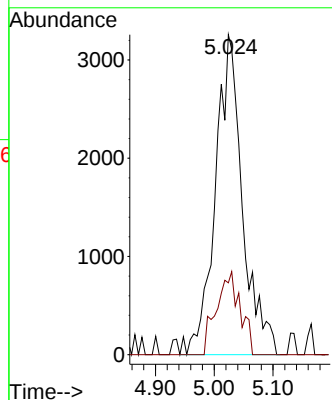
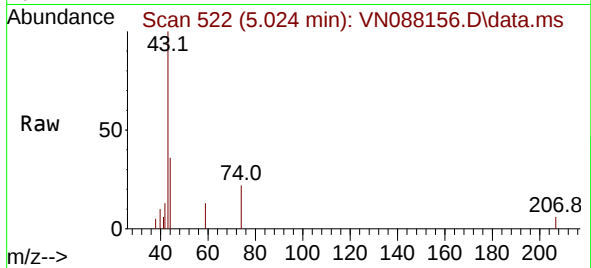




#18
Methyl Acetate
Concen: 2.287 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN088156.D
Acq: 29 Oct 2025 13:44

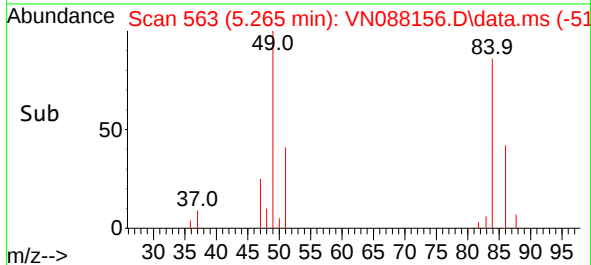
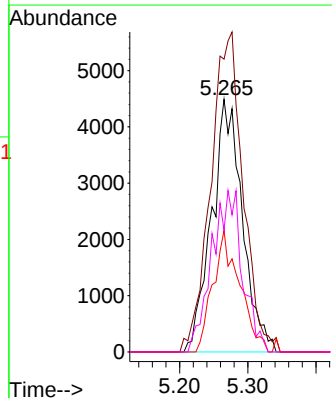
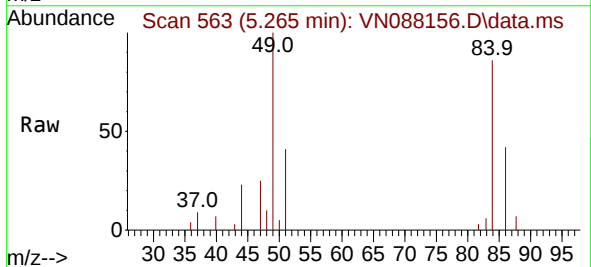
Instrument :
MSVOA_N
ClientSampleId :
PB170296TB

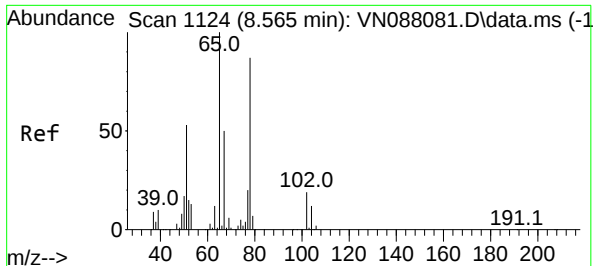
Tgt Ion: 43 Resp: 10457
Ion Ratio Lower Upper
43 100
74 22.7 17.6 26.4



#20
Methylene Chloride
Concen: 4.765 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088156.D
Acq: 29 Oct 2025 13:44

Tgt Ion: 84 Resp: 14096
Ion Ratio Lower Upper
84 100
49 116.0 103.4 155.2
51 48.1 33.8 50.8
86 48.3 49.6 74.4#





#33

1,2-Dichloroethane-d4

Concen: 61.109 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088156.D

Acq: 29 Oct 2025 13:44

Instrument :

MSVOA_N

ClientSampleId :

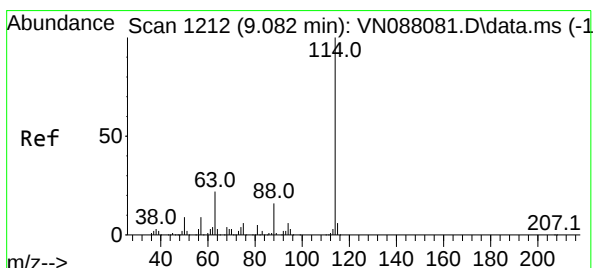
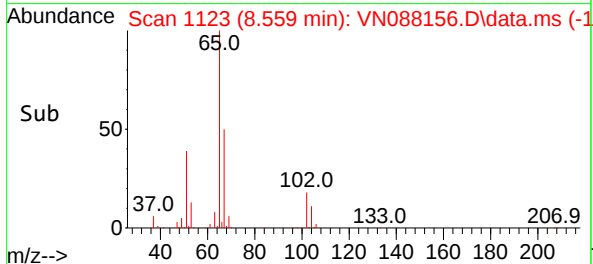
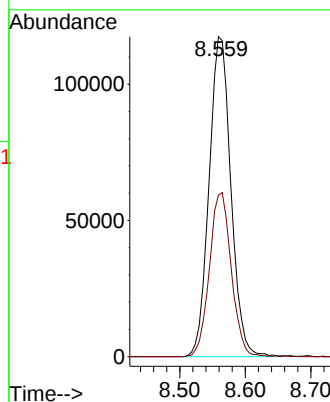
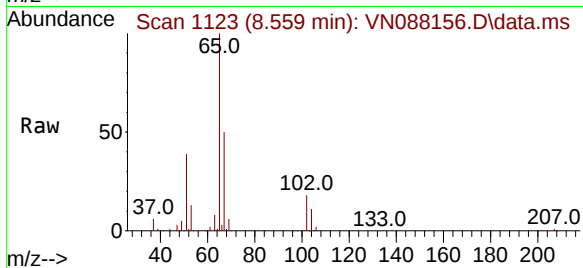
PB170296TB

Tgt Ion: 65 Resp: 271649

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088156.D

Acq: 29 Oct 2025 13:44

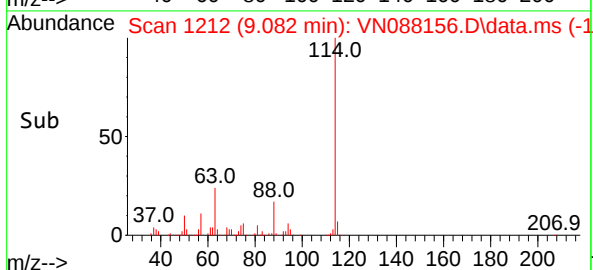
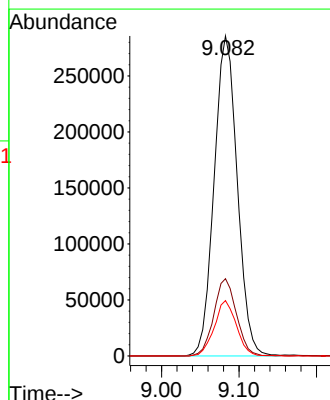
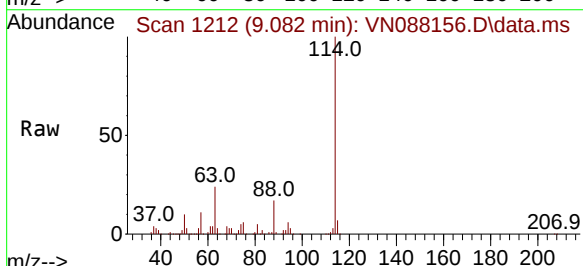
Tgt Ion: 114 Resp: 592700

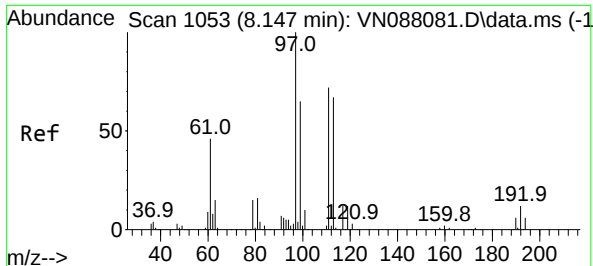
Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.2

88 17.3 0.0 33.4

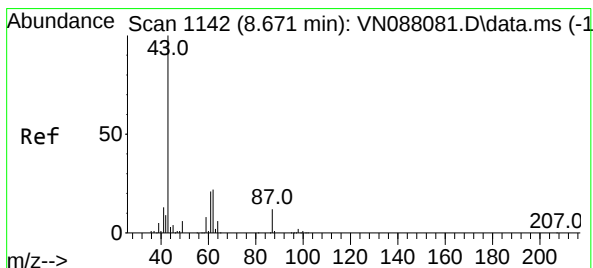
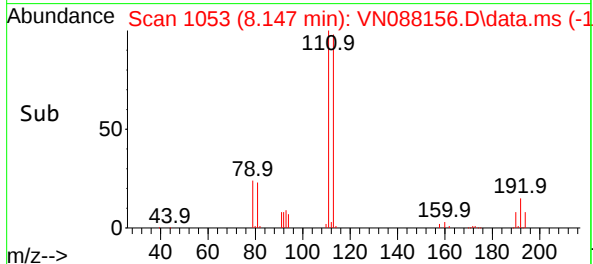
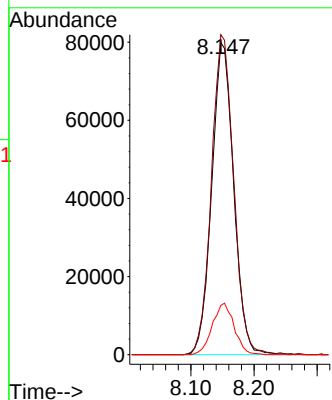
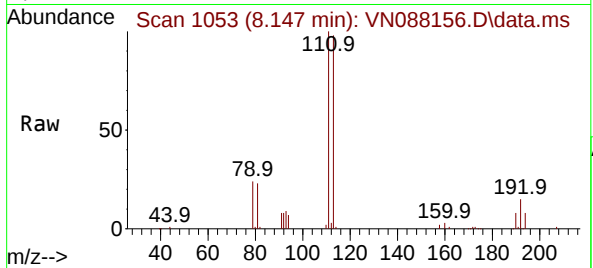




#35
Dibromofluoromethane
Concen: 48.220 ug/l
RT: 8.147 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN088156.D
Acq: 29 Oct 2025 13:44

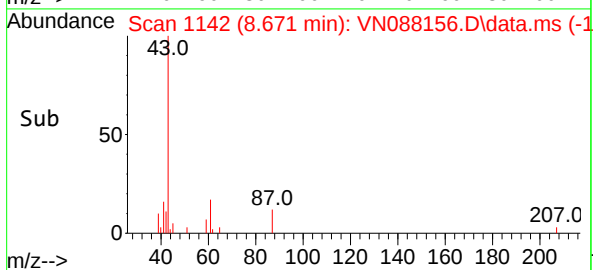
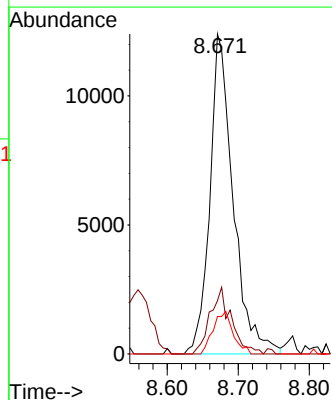
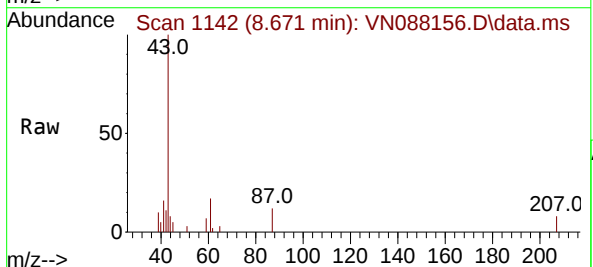
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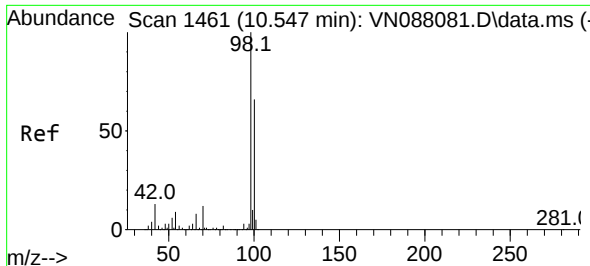
Tgt Ion:113 Resp: 192003
Ion Ratio Lower Upper
113 100
111 104.3 82.8 124.2
192 16.5 12.8 19.2



#43
Isopropyl Acetate
Concen: 2.451 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088156.D
Acq: 29 Oct 2025 13:44

Tgt Ion: 43 Resp: 28258
Ion Ratio Lower Upper
43 100
61 19.0 18.8 28.2
87 11.4 9.6 14.4

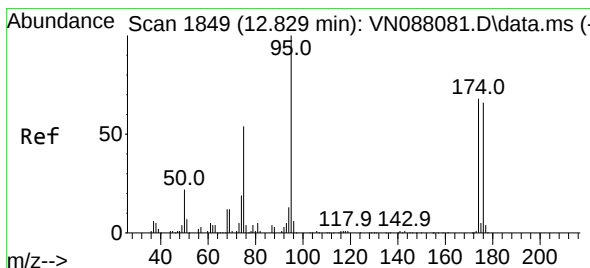
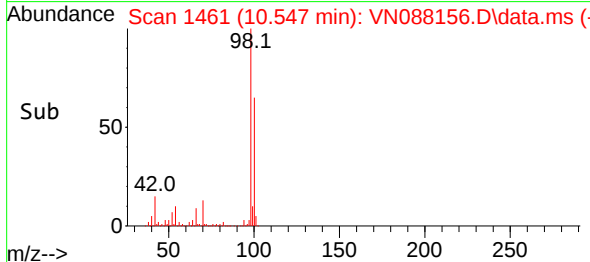
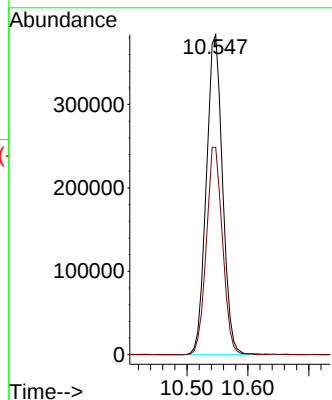
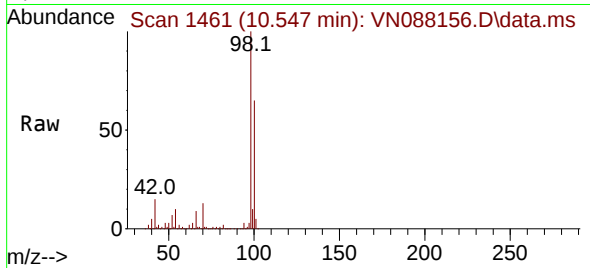




#50
Toluene-d8
Concen: 46.304 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088156.D
Acq: 29 Oct 2025 13:44

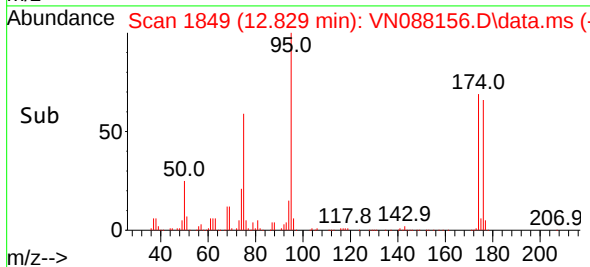
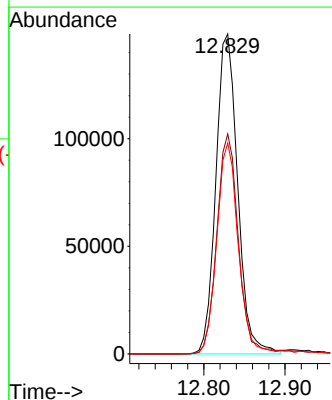
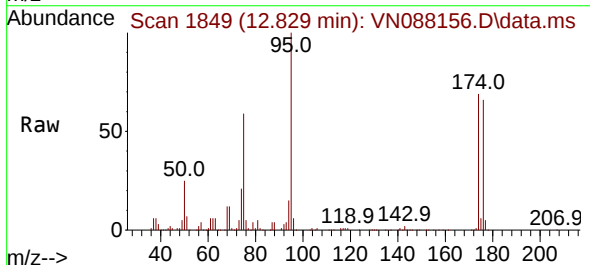
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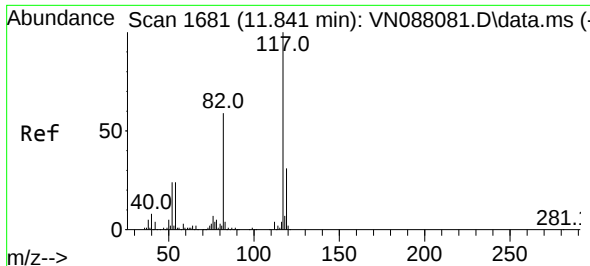
Tgt Ion: 98 Resp: 710422
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 51.282 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088156.D
Acq: 29 Oct 2025 13:44

Tgt Ion: 95 Resp: 277866
Ion Ratio Lower Upper
95 100
174 68.9 0.0 138.4
176 65.6 0.0 132.6

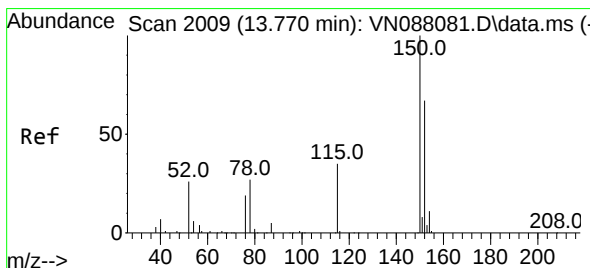
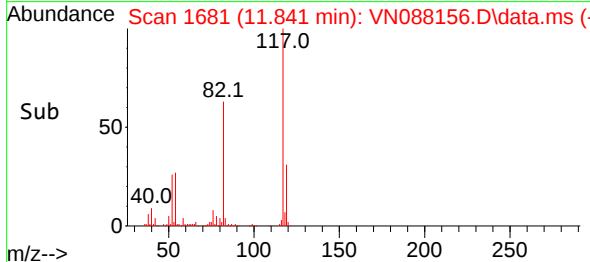
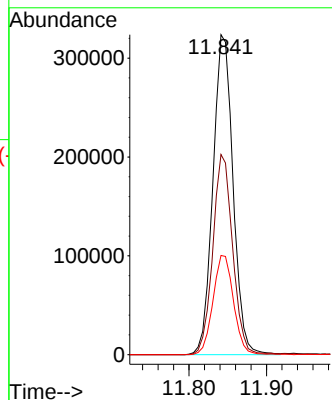
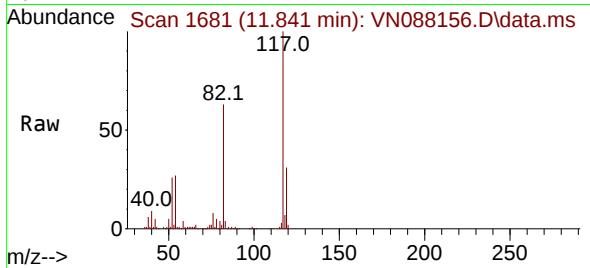




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN088156.D
Acq: 29 Oct 2025 13:44

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 583875
Ion Ratio Lower Upper
117 100
82 62.5 47.4 71.2
119 31.0 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088156.D
Acq: 29 Oct 2025 13:44

Tgt Ion:152 Resp: 280235
Ion Ratio Lower Upper
152 100
115 65.8 32.3 96.8
150 159.5 0.0 351.0

