

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087040.D
 Acq On : 16 Jun 2025 18:24
 Operator : JC\MD
 Sample : Q2299-22
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT190D2-20250611

Quant Time: Jun 17 07:27:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

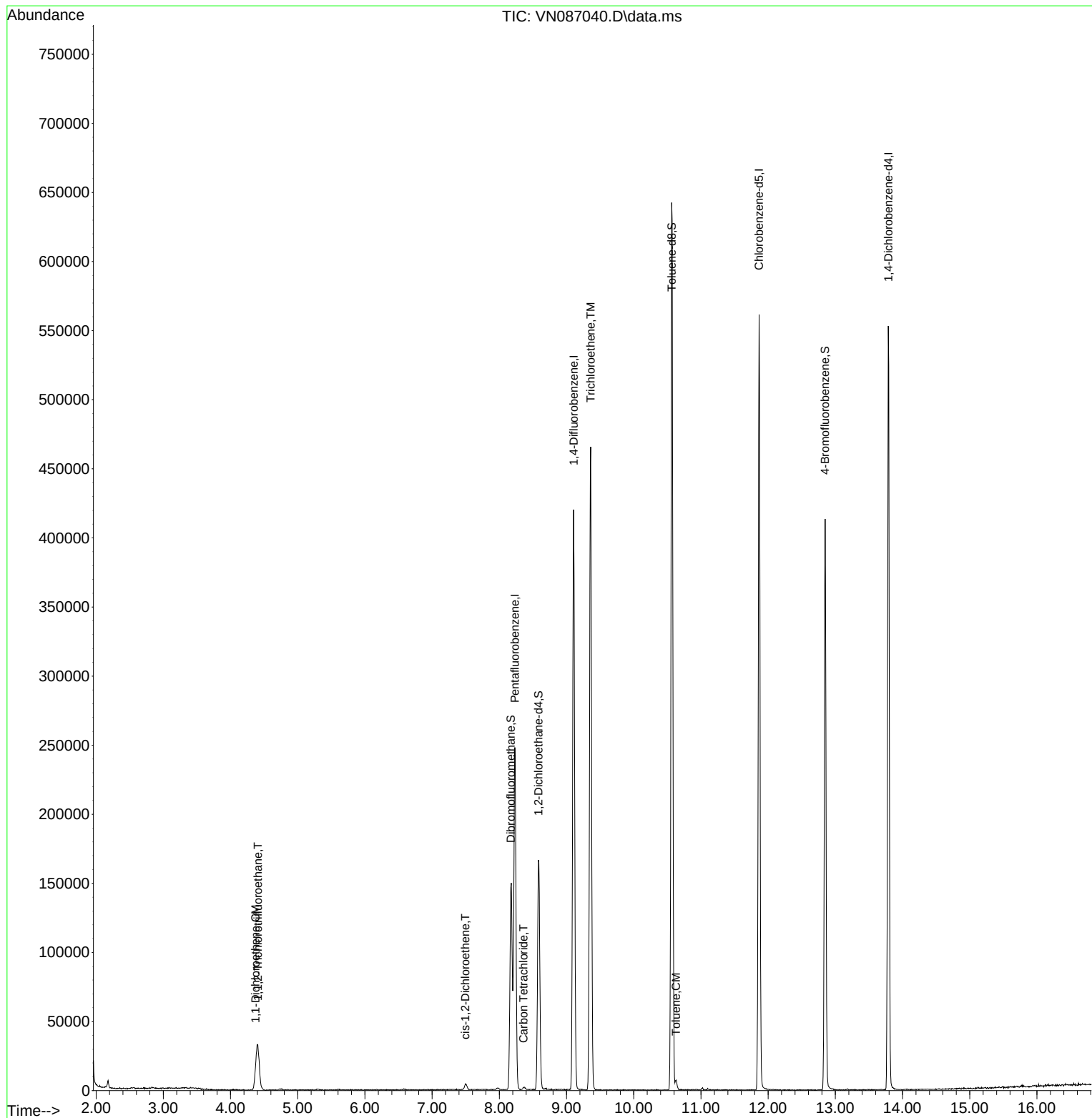
Internal Standards						
1) Pentafluorobenzene	8.230	168	194784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	389919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	348469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	163211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	139972	53.671	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.340%		
35) Dibromofluoromethane	8.171	113	116422	50.383	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.760%		
50) Toluene-d8	10.565	98	478545	52.313	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.620%		
62) 4-Bromofluorobenzene	12.847	95	166755	49.065	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 98.140%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.406	101	25523	12.019	ug/l	98
12) 1,1-Dichloroethene	4.371	96	4502	2.077	ug/l #	77
27) cis-1,2-Dichloroethene	7.494	96	3356	1.163	ug/l	76
38) Carbon Tetrachloride	8.359	117	1524	0.451	ug/l #	71
44) Trichloroethene	9.359	130	183374	68.684	ug/l	100
52) Toluene	10.630	92	3165	0.460	ug/l	92

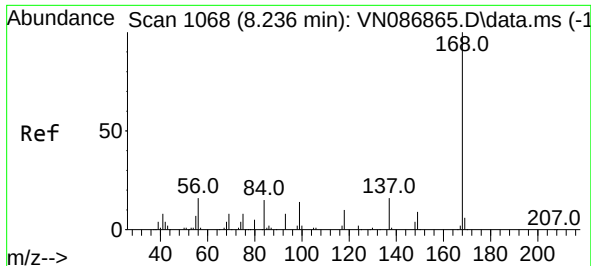
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TT190D2-20250611

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Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

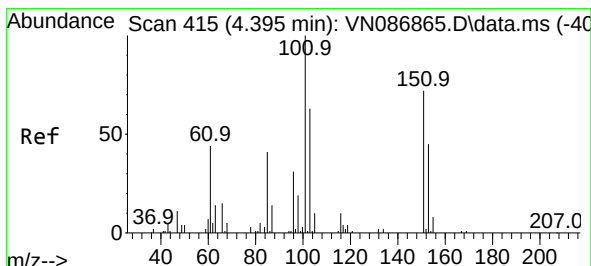
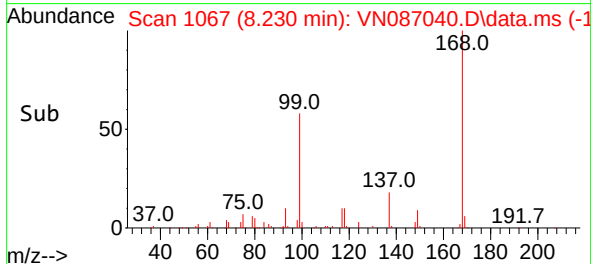
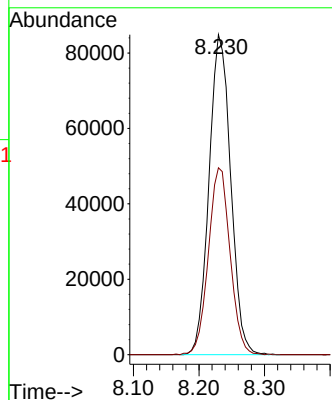
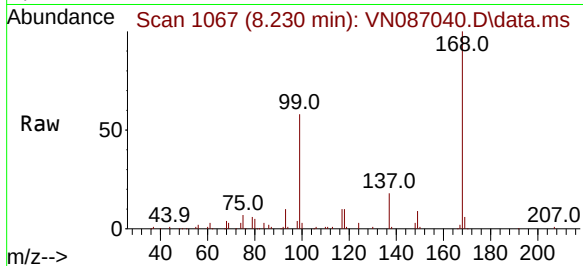




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087040.D
Acq: 16 Jun 2025 18:24

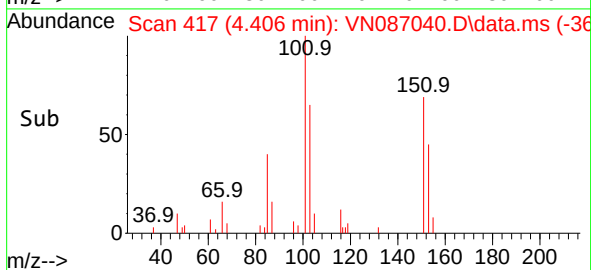
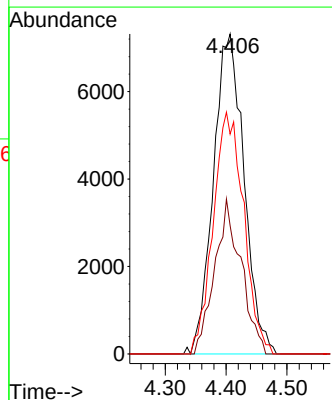
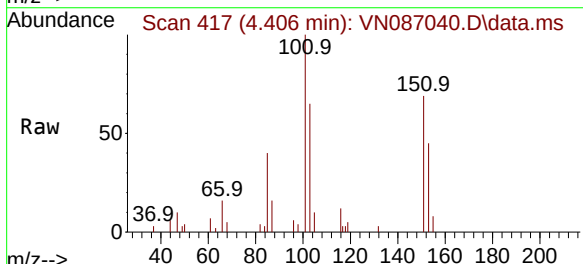
Instrument :
MSVOA_N
ClientSampleId :
TT190D2-20250611

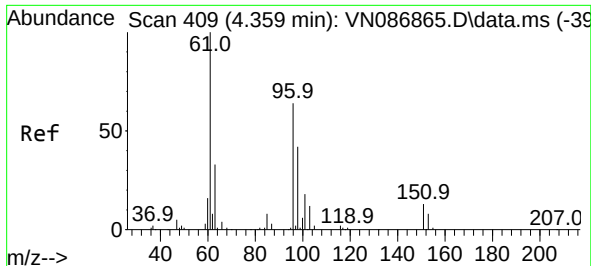
Tgt Ion:168 Resp: 194784
Ion Ratio Lower Upper
168 100
99 58.4 49.1 73.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.019 ug/l
RT: 4.406 min Scan# 417
Delta R.T. 0.012 min
Lab File: VN087040.D
Acq: 16 Jun 2025 18:24

Tgt Ion:101 Resp: 25523
Ion Ratio Lower Upper
101 100
85 41.9 33.8 50.8
151 75.4 58.7 88.1

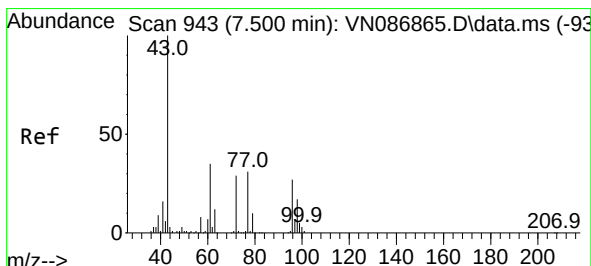
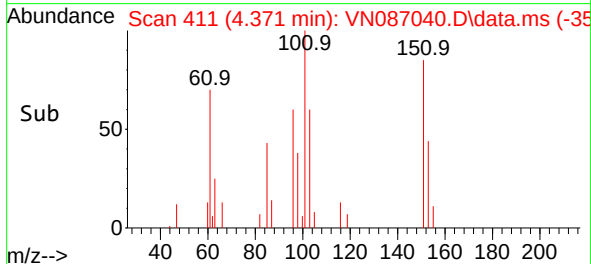
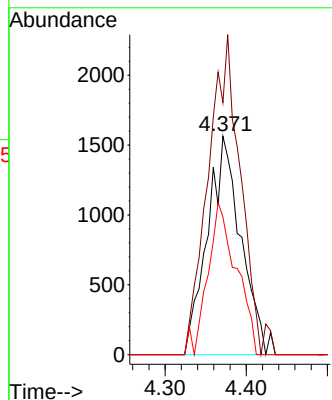
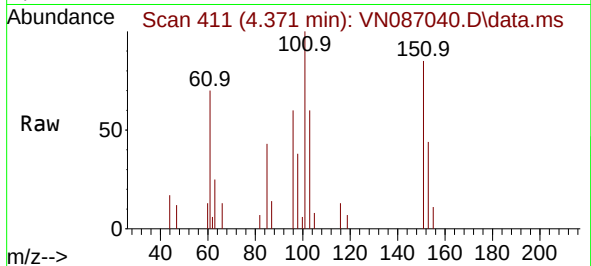




#12
 1,1-Dichloroethene
 Concen: 2.077 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: VN087040.D
 Acq: 16 Jun 2025 18:24

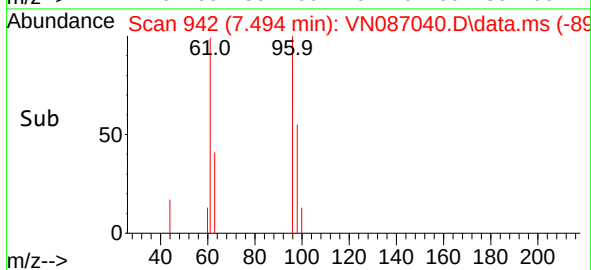
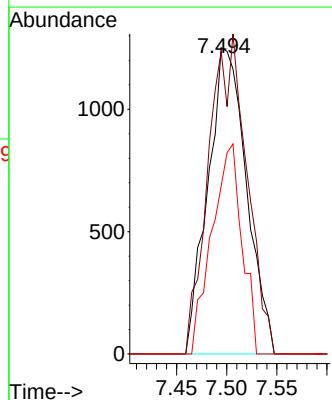
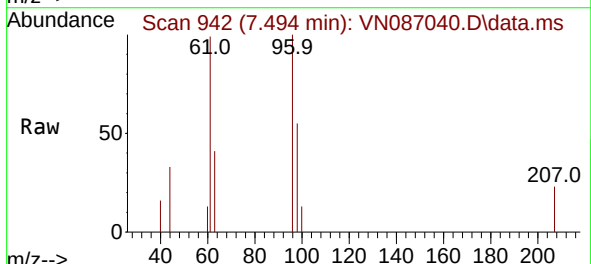
Instrument :
 MSVOA_N
 ClientSampleId :
 TT190D2-20250611

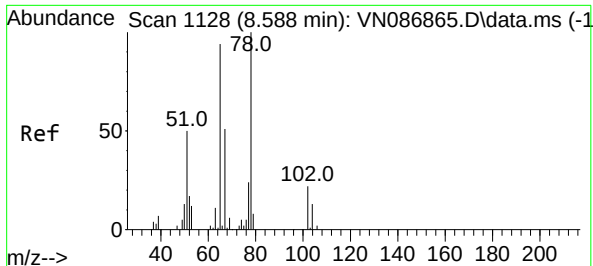
Tgt Ion: 96 Resp: 4502
 Ion Ratio Lower Upper
 96 100
 61 115.5 125.8 188.6#
 98 63.1 52.5 78.7



#27
 cis-1,2-Dichloroethene
 Concen: 1.163 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.006 min
 Lab File: VN087040.D
 Acq: 16 Jun 2025 18:24

Tgt Ion: 96 Resp: 3356
 Ion Ratio Lower Upper
 96 100
 61 103.4 0.0 278.0
 98 53.4 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 53.671 ug/l

RT: 8.583 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087040.D

Acq: 16 Jun 2025 18:24

Instrument :

MSVOA_N

ClientSampleId :

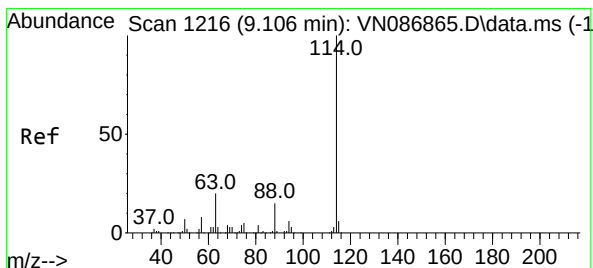
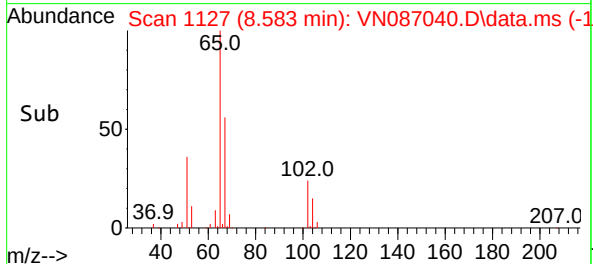
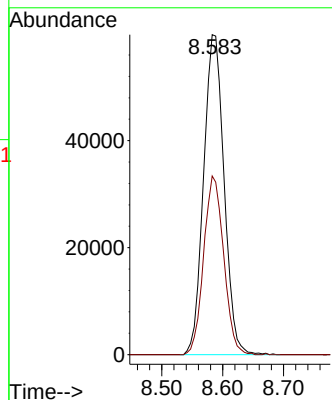
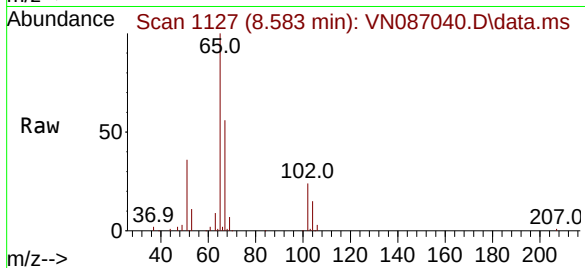
TT190D2-20250611

Tgt Ion: 65 Resp: 139972

Ion Ratio Lower Upper

65 100

67 54.5 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087040.D

Acq: 16 Jun 2025 18:24

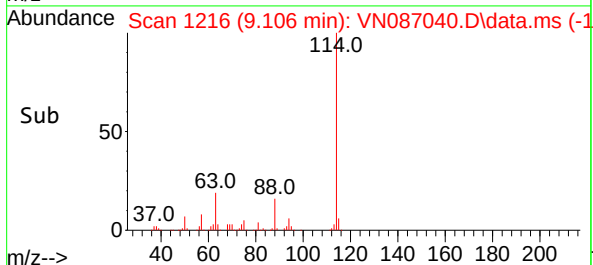
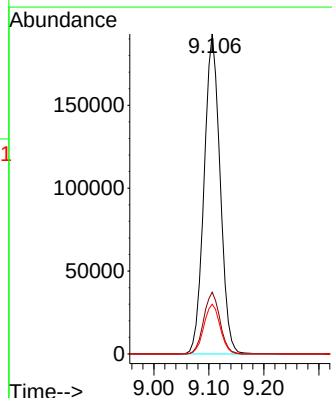
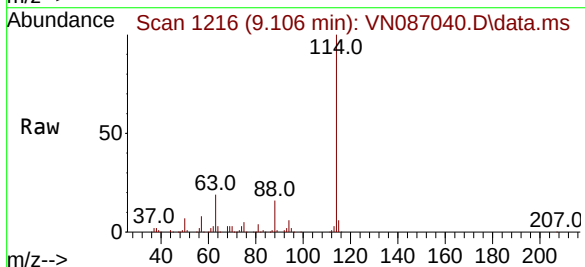
Tgt Ion: 114 Resp: 389919

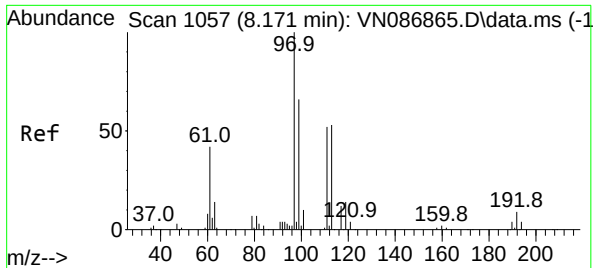
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.6 0.0 30.2

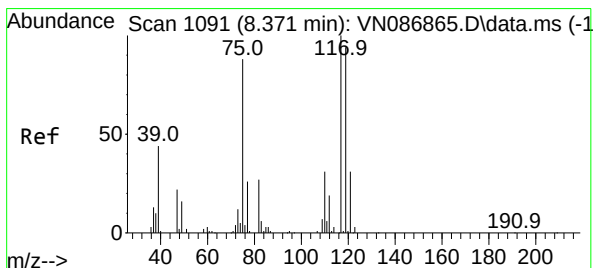
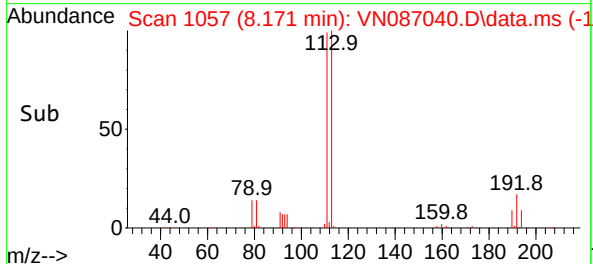
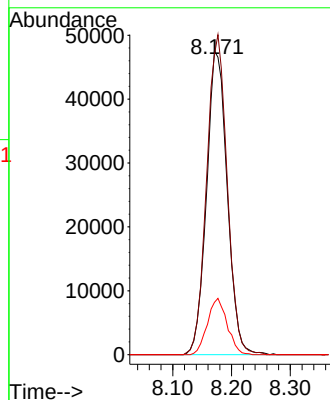
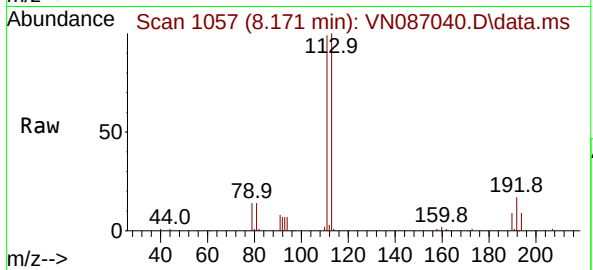




#35
Dibromofluoromethane
Concen: 50.383 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN087040.D
Acq: 16 Jun 2025 18:24

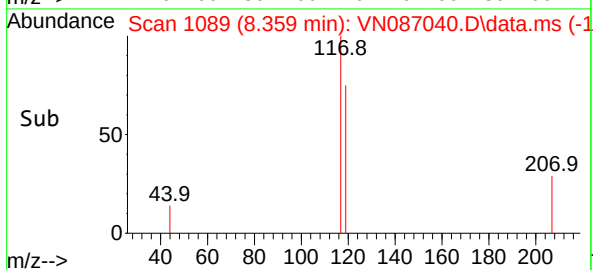
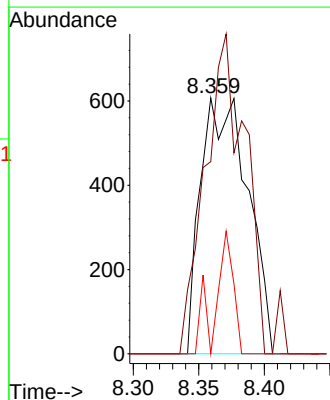
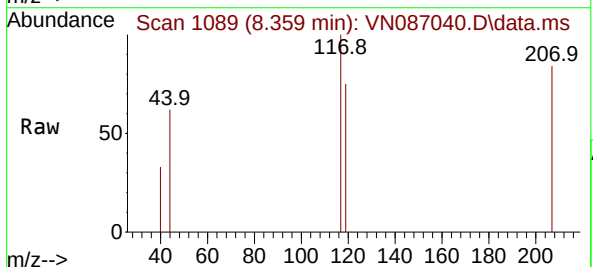
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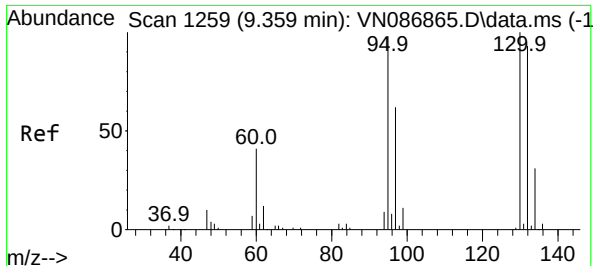
Tgt Ion:113 Resp: 116422
Ion Ratio Lower Upper
113 100
111 104.3 84.2 126.2
192 17.7 14.2 21.4



#38
Carbon Tetrachloride
Concen: 0.451 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.012 min
Lab File: VN087040.D
Acq: 16 Jun 2025 18:24

Tgt Ion:117 Resp: 1524
Ion Ratio Lower Upper
117 100
119 75.1 75.0 112.6
121 0.0 24.9 37.3#

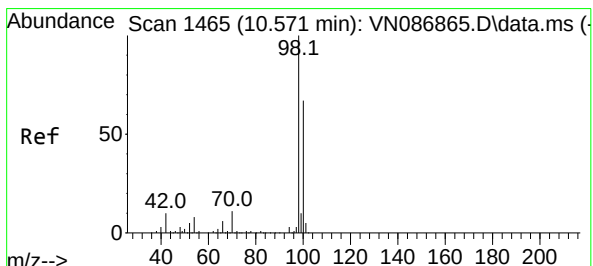
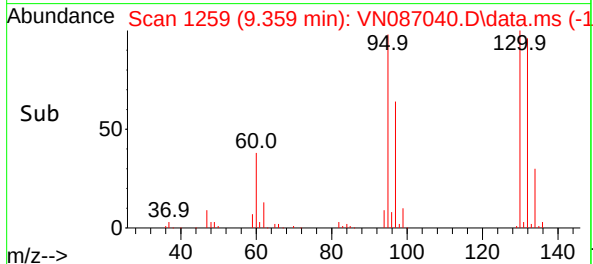
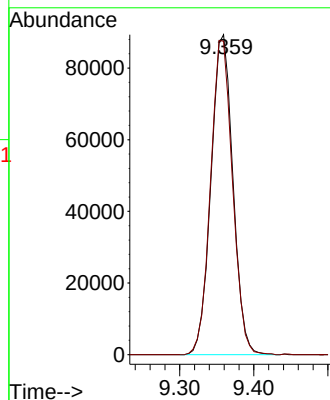
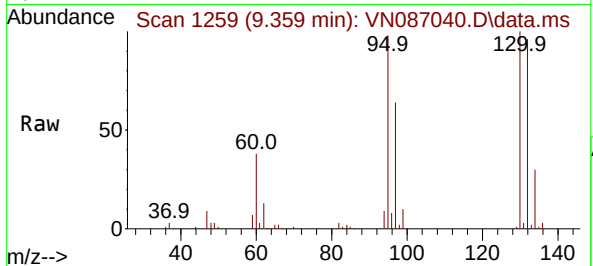




#44
Trichloroethene
Concen: 68.684 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087040.D
Acq: 16 Jun 2025 18:24

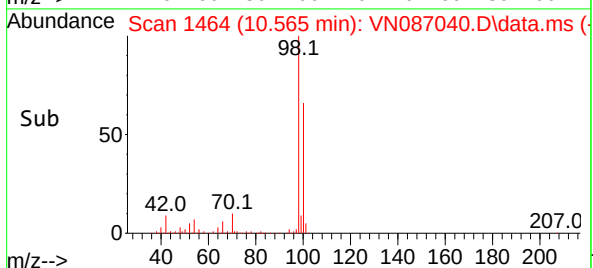
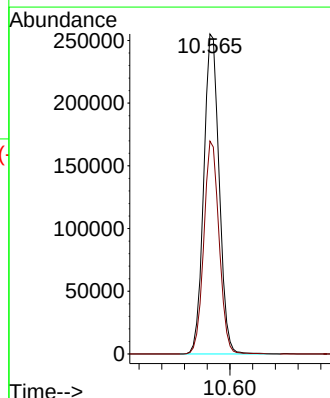
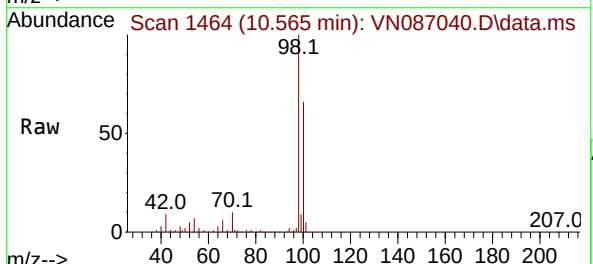
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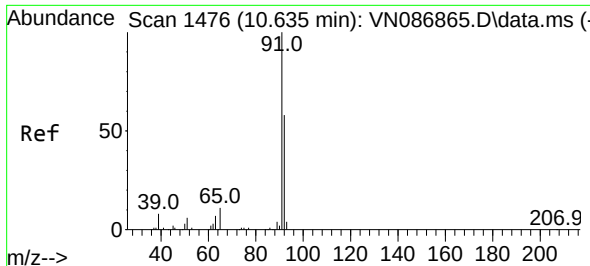
Tgt Ion:130 Resp: 183374
Ion Ratio Lower Upper
130 100
95 97.9 0.0 196.2



#50
Toluene-d8
Concen: 52.313 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087040.D
Acq: 16 Jun 2025 18:24

Tgt Ion: 98 Resp: 478545
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0

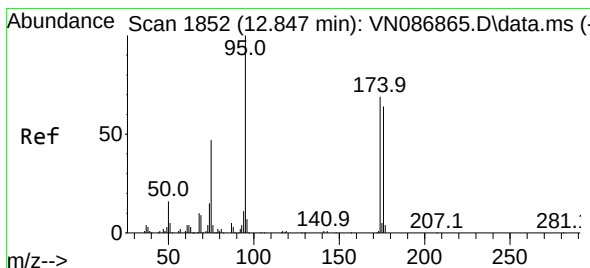
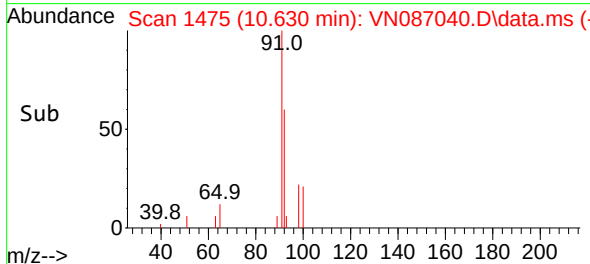
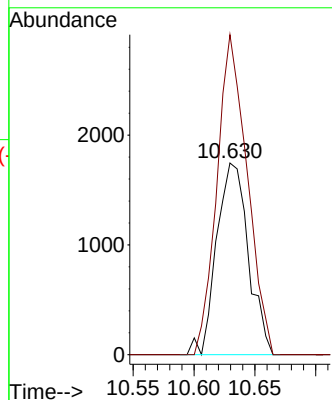
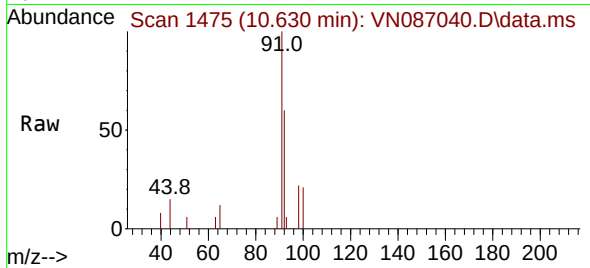




#52
Toluene
Concen: 0.460 ug/l
RT: 10.630 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VN087040.D
Acq: 16 Jun 2025 18:24

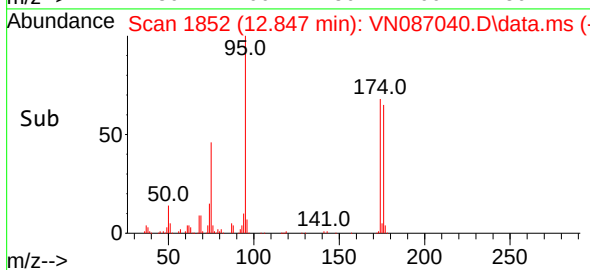
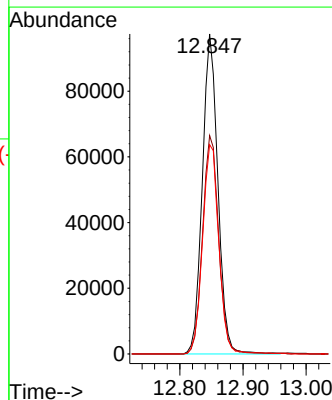
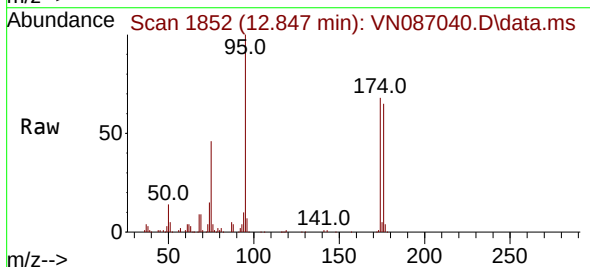
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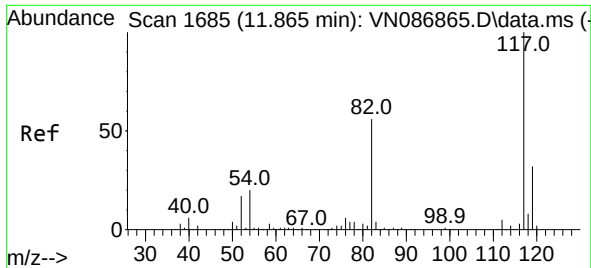
Tgt Ion: 92 Resp: 3165
Ion Ratio Lower Upper
92 100
91 159.1 136.5 204.7



#62
4-Bromofluorobenzene
Concen: 49.065 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087040.D
Acq: 16 Jun 2025 18:24

Tgt Ion: 95 Resp: 166755
Ion Ratio Lower Upper
95 100
174 70.7 0.0 141.8
176 68.3 0.0 132.6

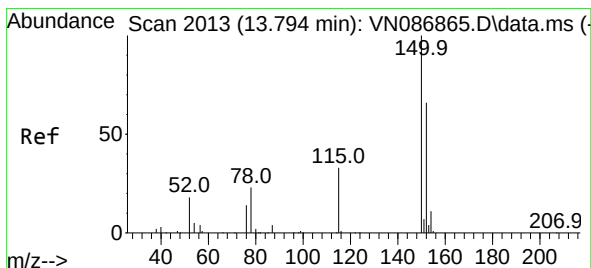
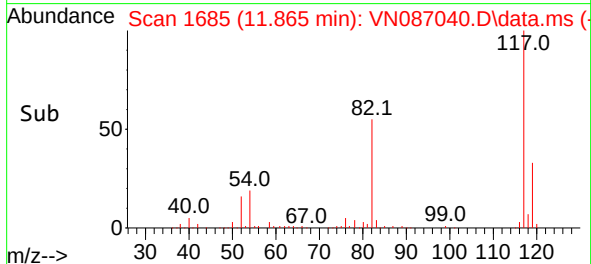
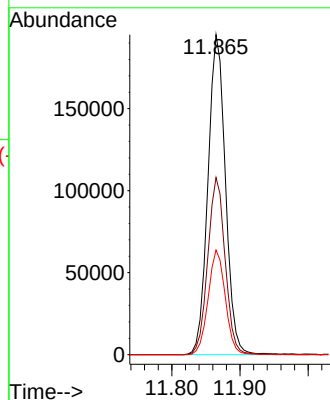
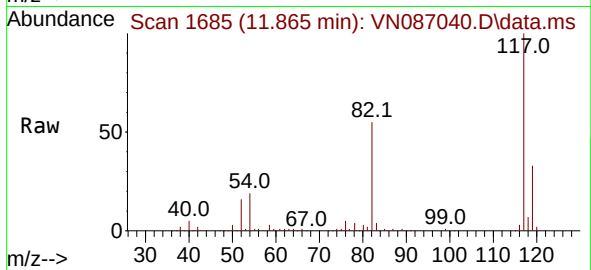




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087040.D
Acq: 16 Jun 2025 18:24

Instrument :
MSVOA_N
ClientSampleId :
TT190D2-20250611

Tgt Ion:117 Resp: 348469
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087040.D
Acq: 16 Jun 2025 18:24

Tgt Ion:152 Resp: 163211
Ion Ratio Lower Upper
152 100
115 59.7 30.1 90.5
150 158.7 0.0 345.0

