

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087230.D
 Acq On : 27 Jun 2025 18:03
 Operator : JC\MD
 Sample : Q2418-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VAC-TRUCK-4074

Quant Time: Jun 27 23:48:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

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

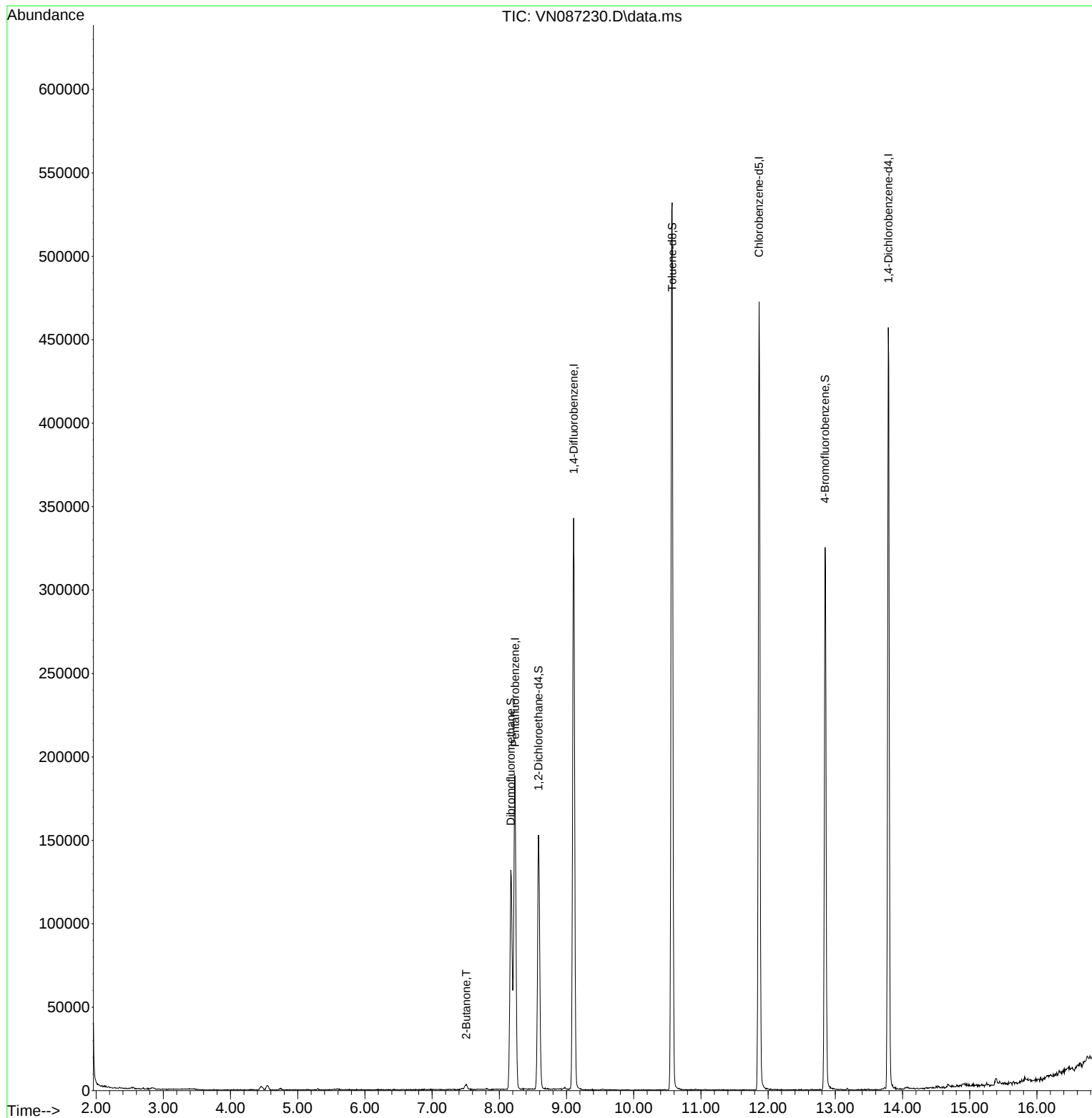
Internal Standards						
1) Pentafluorobenzene	8.236	168	144015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	305977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	125299	60.458	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.920%
35) Dibromofluoromethane	8.171	113	99272	50.184	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.360%
50) Toluene-d8	10.571	98	390284	47.703	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.400%
62) 4-Bromofluorobenzene	12.847	95	126750	44.647	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.300%
Target Compounds						
25) 2-Butanone	7.506	43	5759	3.665	ug/l	Qvalue 90

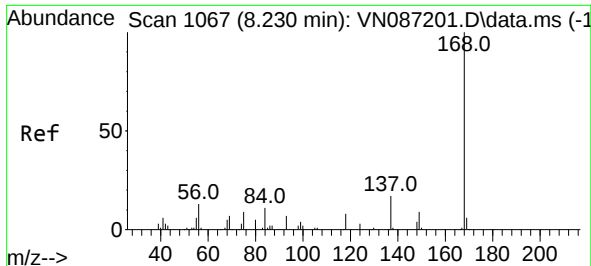
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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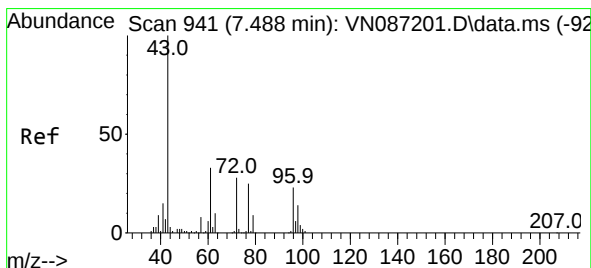
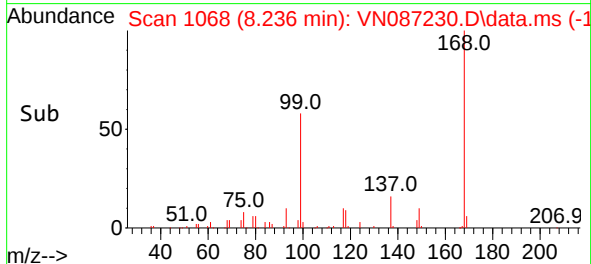
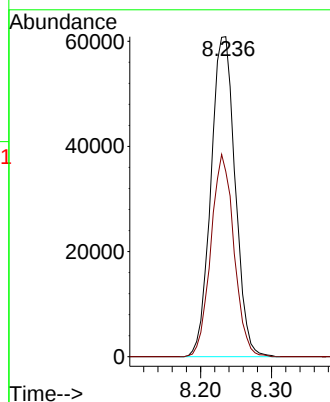
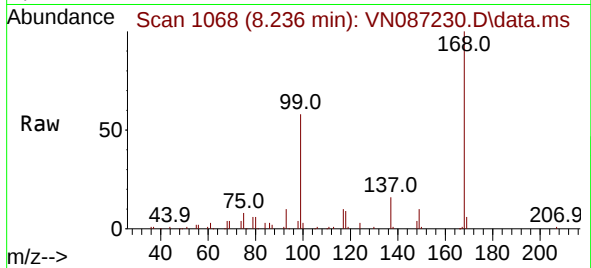




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN087230.D
Acq: 27 Jun 2025 18:03

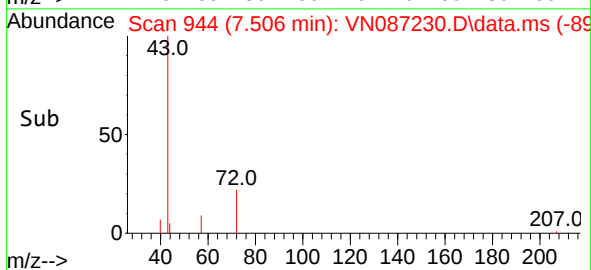
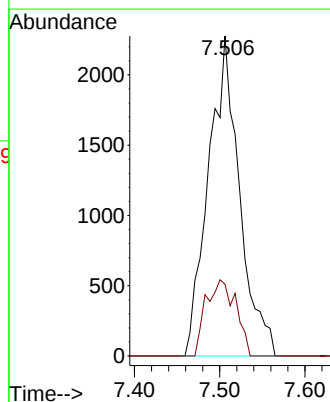
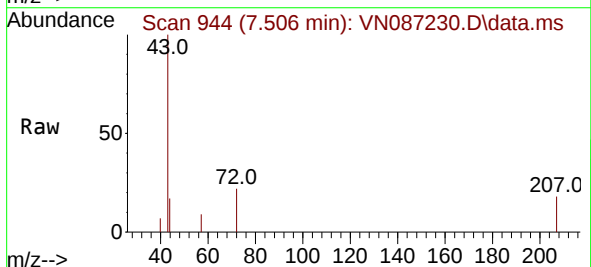
Instrument :
MSVOA_N
ClientSampleId :
VAC-TRUCK-4074

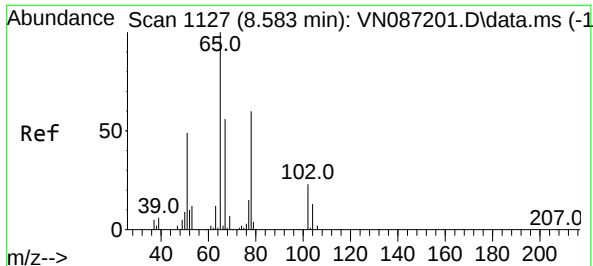
Tgt Ion:168 Resp: 144015
Ion Ratio Lower Upper
168 100
99 57.9 47.9 71.9



#25
2-Butanone
Concen: 3.665 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.018 min
Lab File: VN087230.D
Acq: 27 Jun 2025 18:03

Tgt Ion: 43 Resp: 5759
Ion Ratio Lower Upper
43 100
72 22.5 22.2 33.2





#33

1,2-Dichloroethane-d4

Concen: 60.458 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN087230.D

Acq: 27 Jun 2025 18:03

Instrument :

MSVOA_N

ClientSampleId :

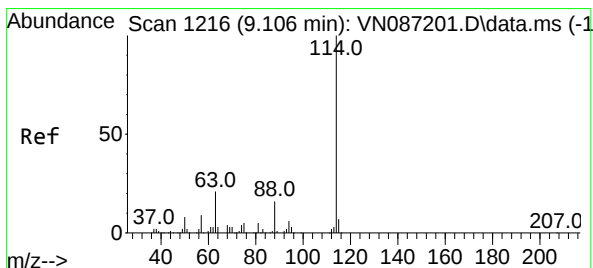
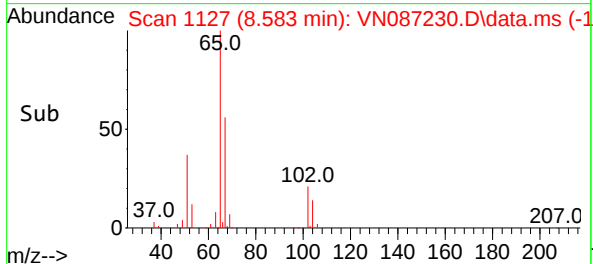
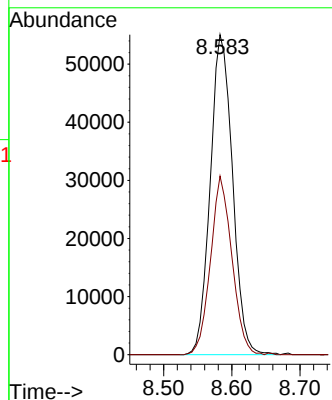
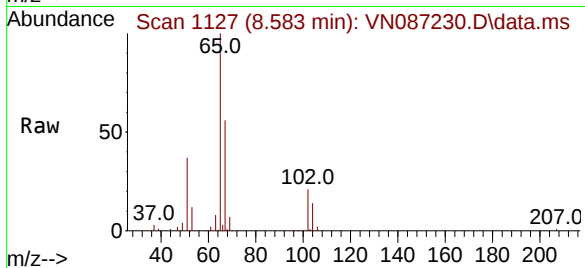
VAC-TRUCK-4074

Tgt Ion: 65 Resp: 125299

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087230.D

Acq: 27 Jun 2025 18:03

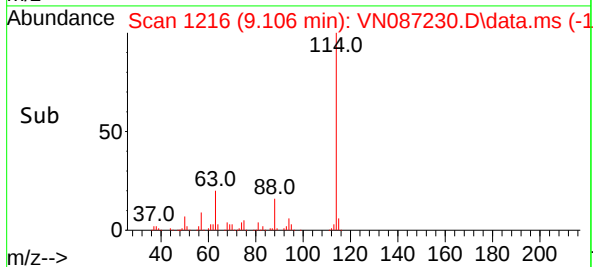
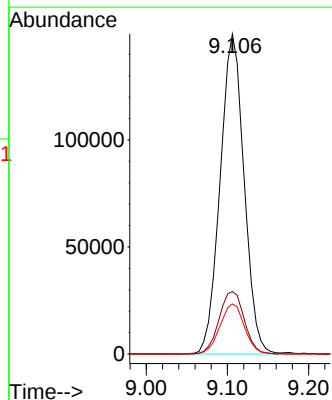
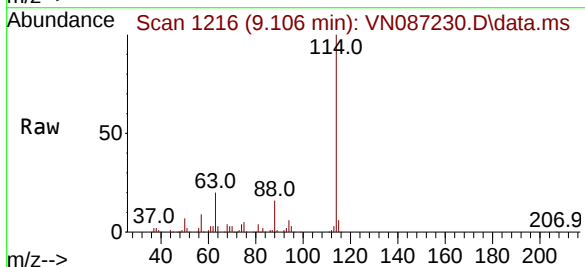
Tgt Ion: 114 Resp: 305977

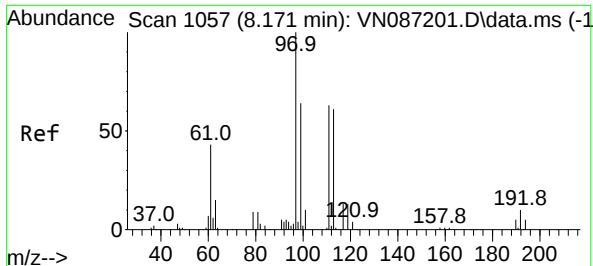
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.0

88 15.7 0.0 32.0

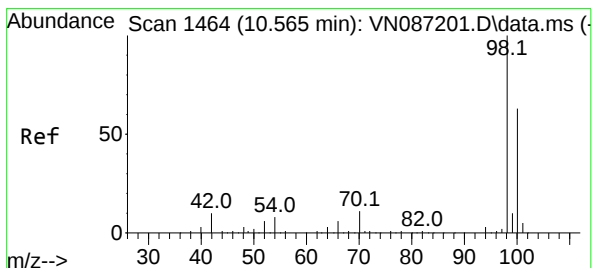
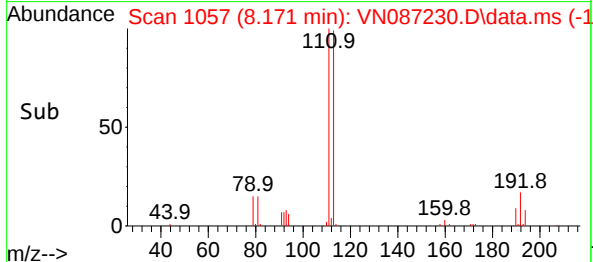
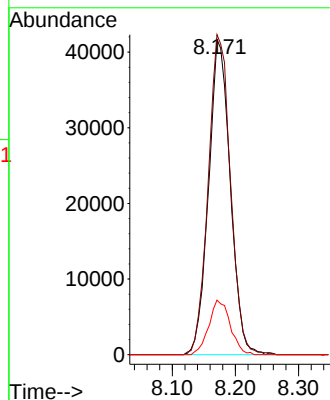
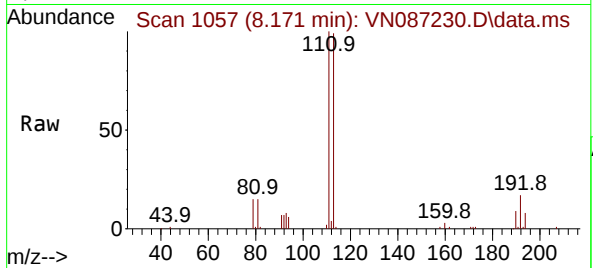




#35
Dibromofluoromethane
Concen: 50.184 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN087230.D
Acq: 27 Jun 2025 18:03

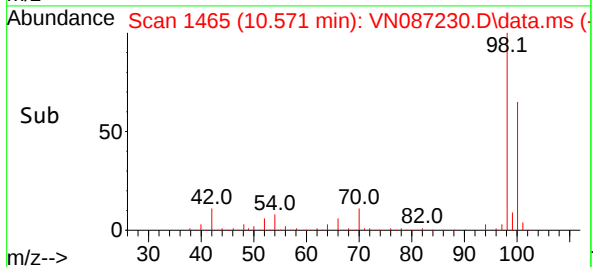
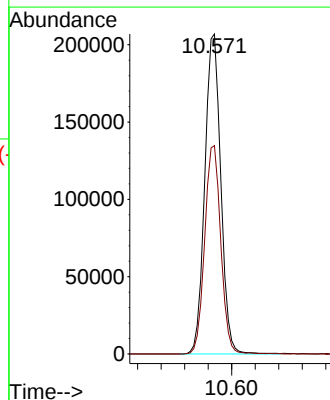
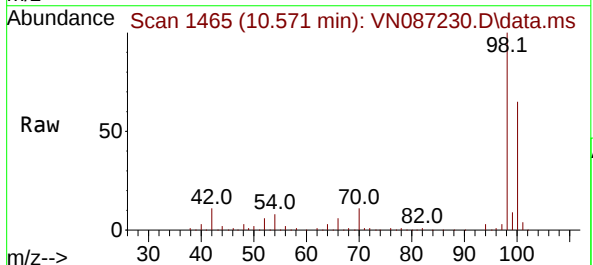
Instrument :
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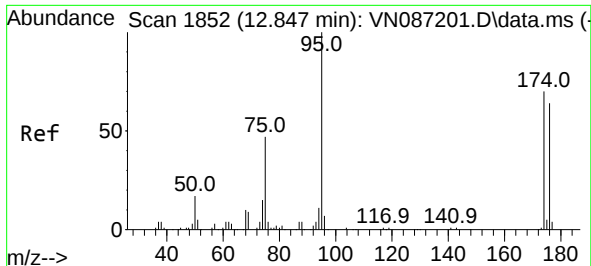
Tgt Ion:113 Resp: 99272
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 17.2 13.5 20.3



#50
Toluene-d8
Concen: 47.703 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN087230.D
Acq: 27 Jun 2025 18:03

Tgt Ion: 98 Resp: 390284
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1

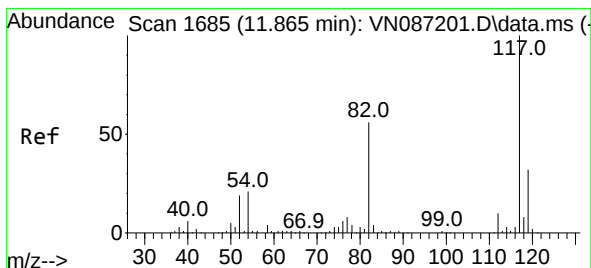
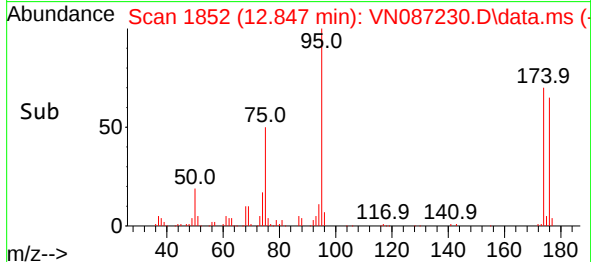
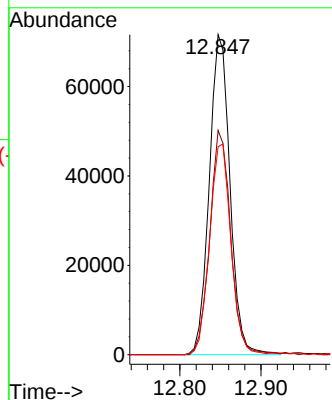
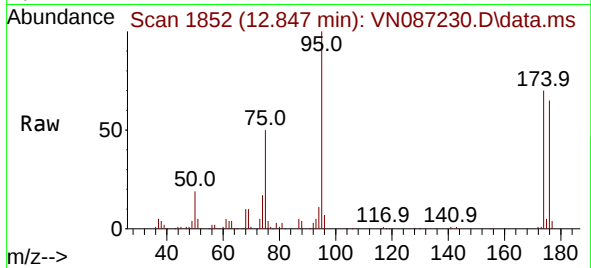




#62
4-Bromofluorobenzene
Concen: 44.647 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087230.D
Acq: 27 Jun 2025 18:03

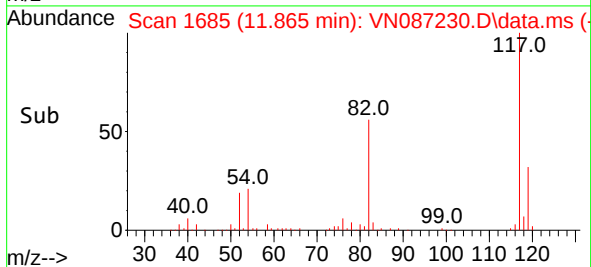
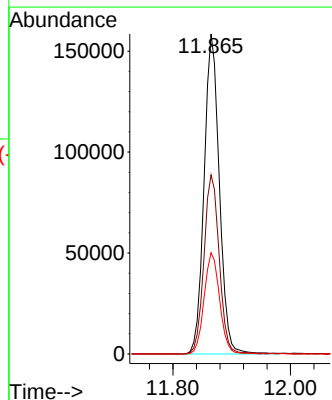
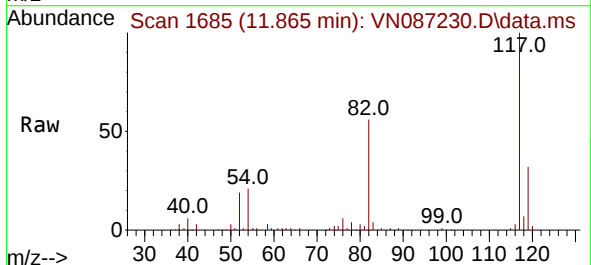
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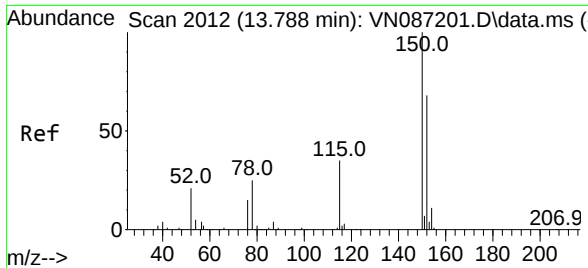
Tgt Ion: 95 Resp: 126750
Ion Ratio Lower Upper
95 100
174 70.7 0.0 142.2
176 67.8 0.0 134.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087230.D
Acq: 27 Jun 2025 18:03

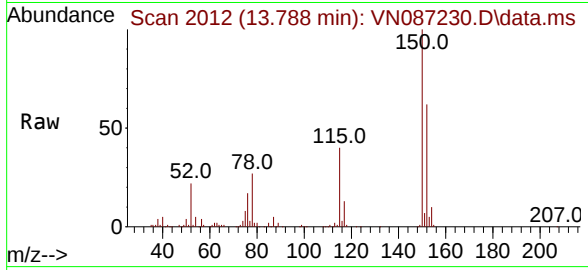
Tgt Ion: 117 Resp: 285117
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 31.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087230.D
 Acq: 27 Jun 2025 18:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VAC-TRUCK-4074



Tgt Ion:152 Resp: 127191
 Ion Ratio Lower Upper
 152 100
 115 61.8 30.6 91.8
 150 160.1 0.0 347.8

