

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
 Data File : VN087735.D
 Acq On : 05 Sep 2025 12:13
 Operator : JC\MD
 Sample : VN0905WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBL01

Quant Time: Sep 06 01:02:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	157950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	371230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	344375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	156701	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	175360	54.187	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.380%
35) Dibromofluoromethane	8.153	113	135893	50.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.400%
50) Toluene-d8	10.547	98	479308	47.779	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.560%
62) 4-Bromofluorobenzene	12.829	95	160337	44.942	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.880%

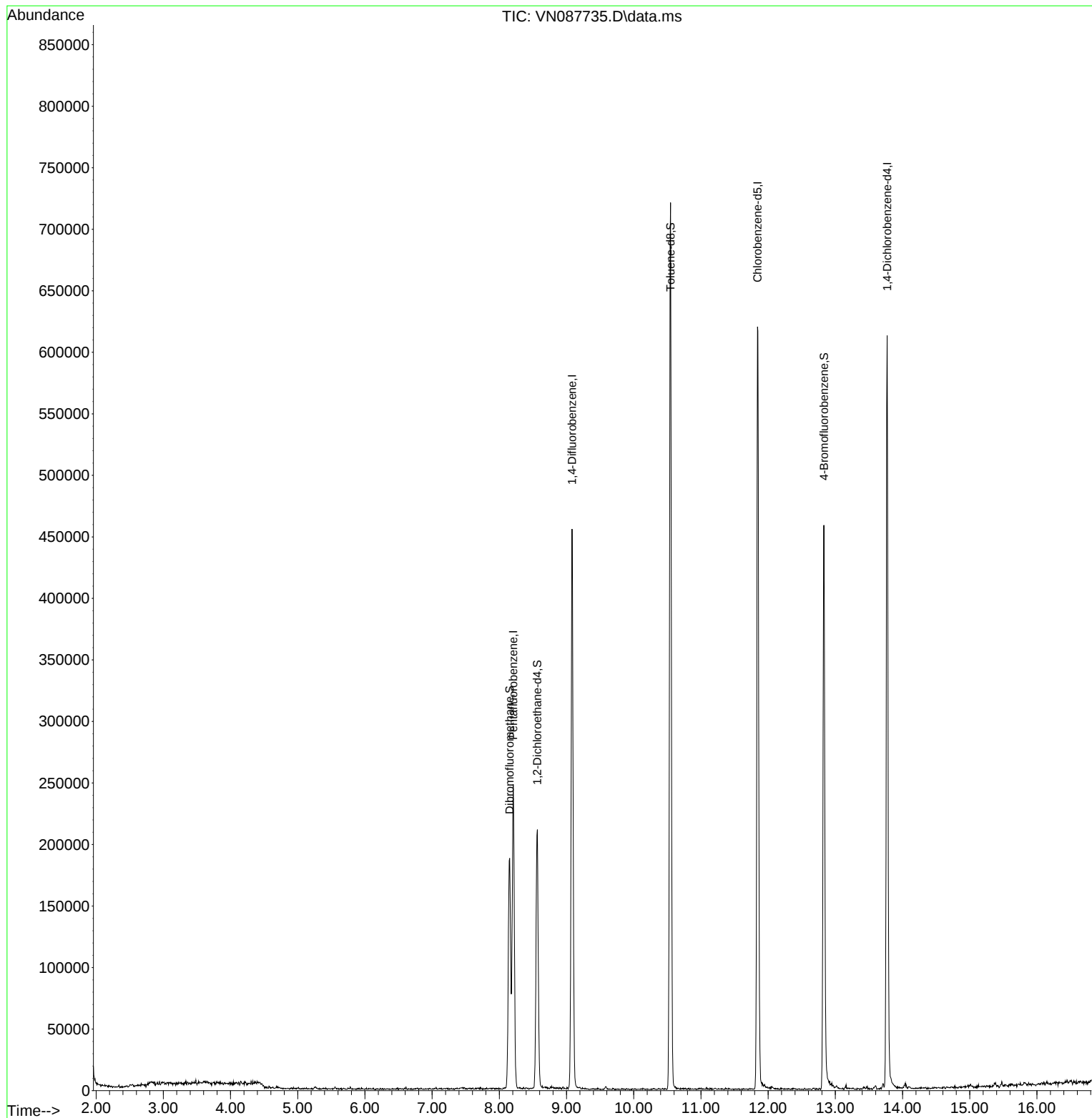
Target Compounds	Qvalue

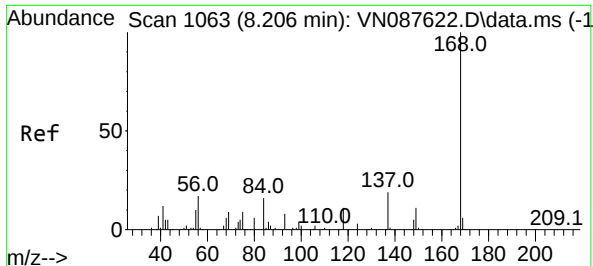
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
Data File : VN087735.D
Acq On : 05 Sep 2025 12:13
Operator : JC\MD
Sample : VN0905WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBL01

Quant Time: Sep 06 01:02:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

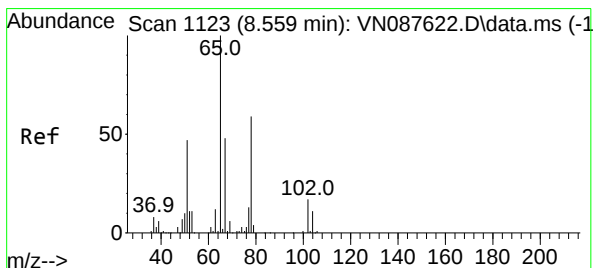
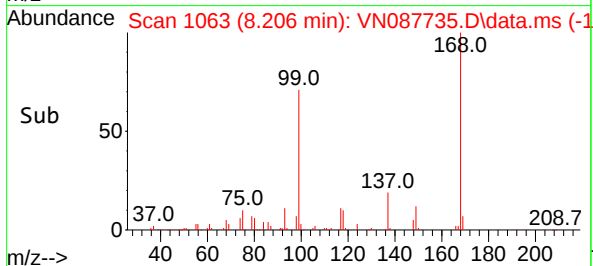
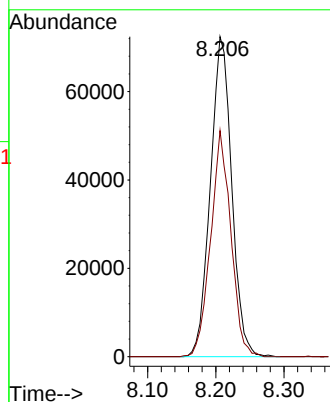
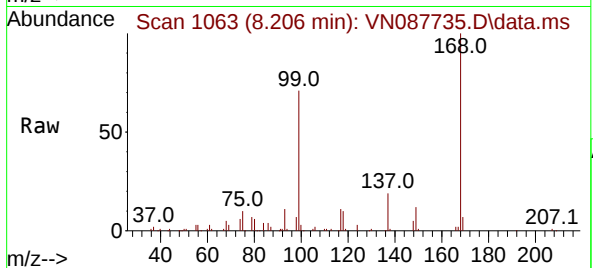




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087735.D
Acq: 05 Sep 2025 12:13

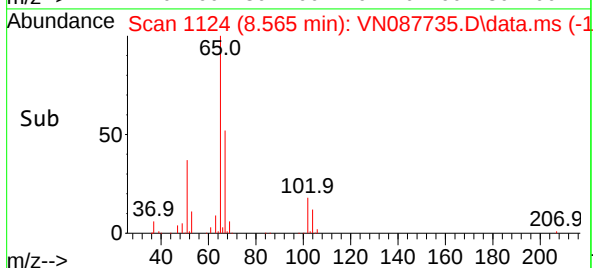
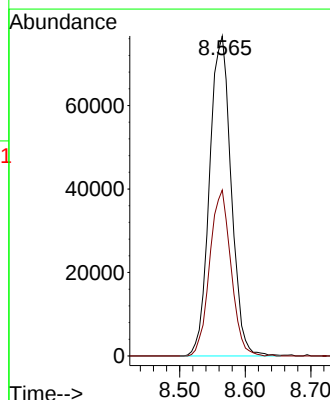
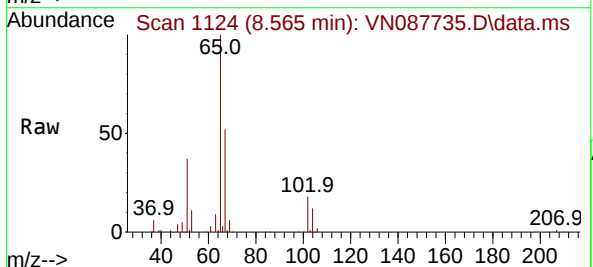
Instrument :
MSVOA_N
ClientSampleId :
VN0905WBL01

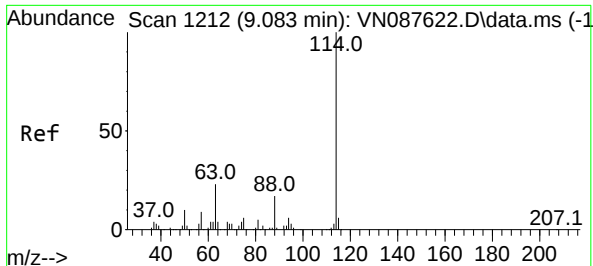
Tgt Ion:168 Resp: 157950
Ion Ratio Lower Upper
168 100
99 70.6 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 54.187 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087735.D
Acq: 05 Sep 2025 12:13

Tgt Ion: 65 Resp: 175360
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.0

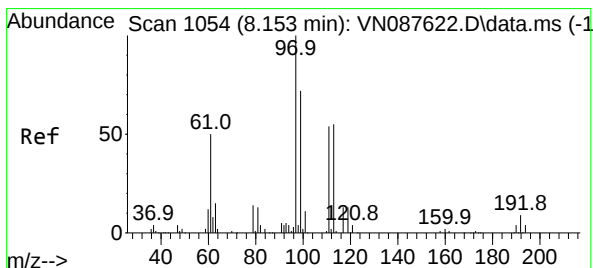
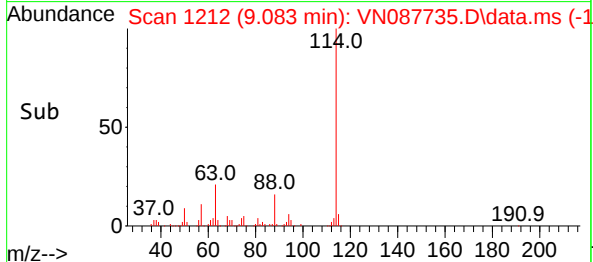
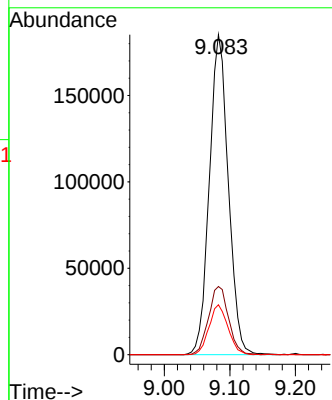
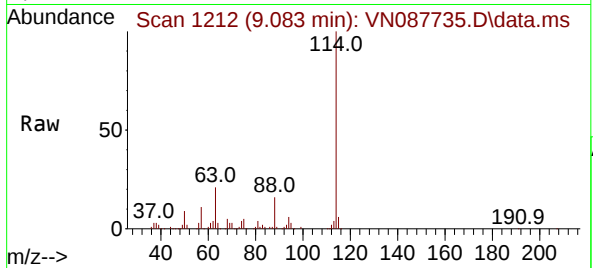




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087735.D
Acq: 05 Sep 2025 12:13

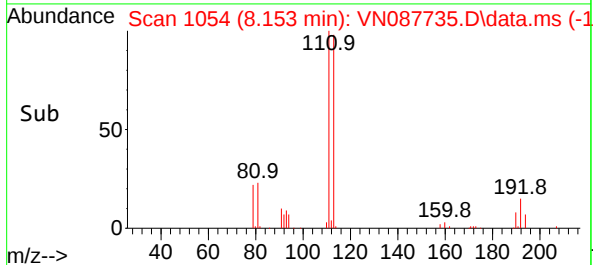
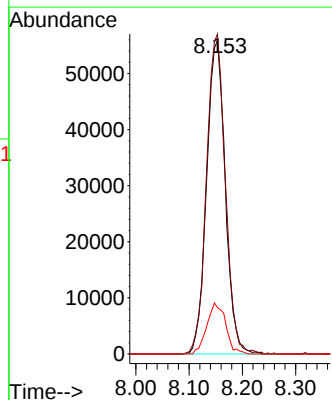
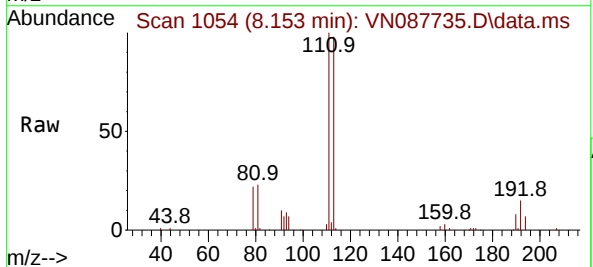
Instrument :
MSVOA_N
ClientSampleId :
VN0905WBL01

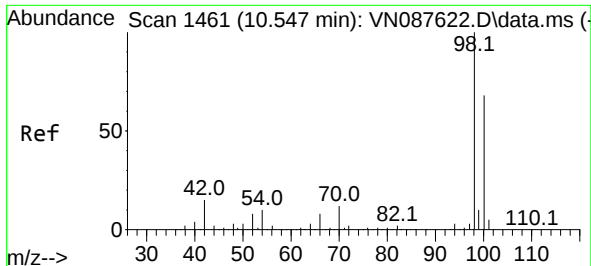
Tgt Ion:114 Resp: 371230
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.2
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 50.701 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087735.D
Acq: 05 Sep 2025 12:13

Tgt Ion:113 Resp: 135893
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 16.5 12.8 19.2

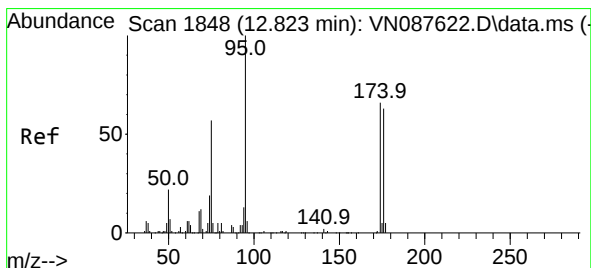
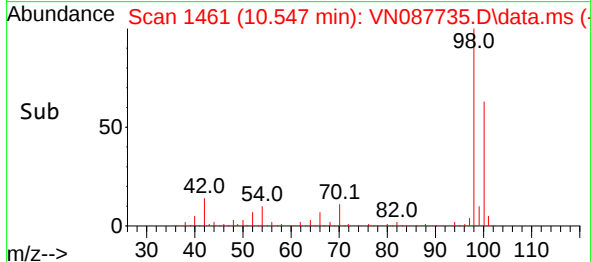
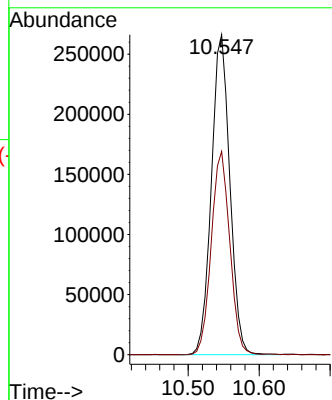
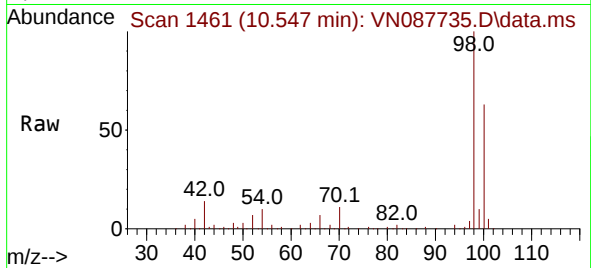




#50
Toluene-d8
Concen: 47.779 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087735.D
Acq: 05 Sep 2025 12:13

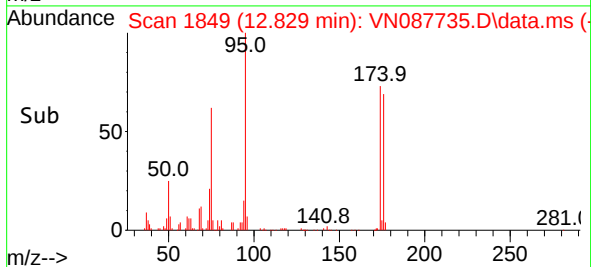
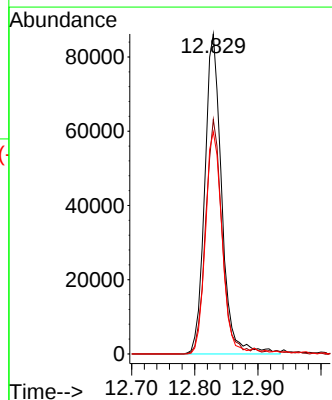
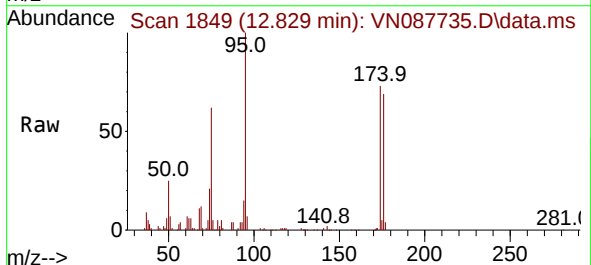
Instrument :
MSVOA_N
ClientSampleId :
VN0905WBL01

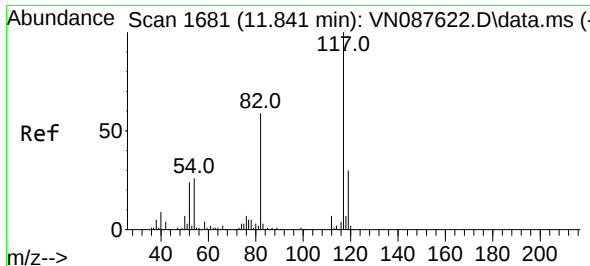
Tgt Ion: 98 Resp: 479308
Ion Ratio Lower Upper
98 100
100 63.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 44.942 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087735.D
Acq: 05 Sep 2025 12:13

Tgt Ion: 95 Resp: 160337
Ion Ratio Lower Upper
95 100
174 71.7 0.0 138.4
176 68.0 0.0 132.6

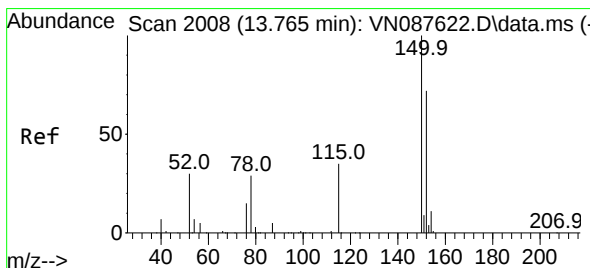
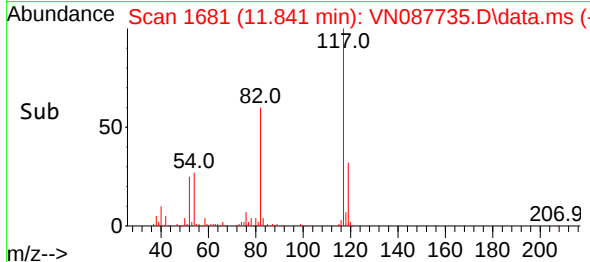
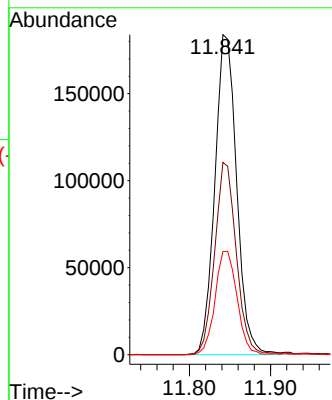
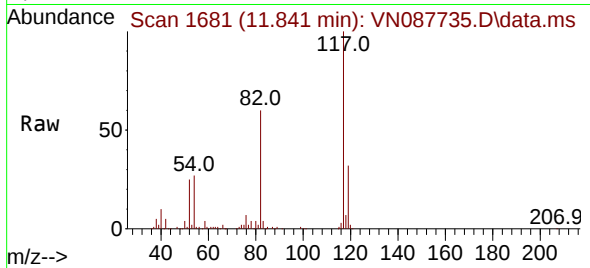




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087735.D
Acq: 05 Sep 2025 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBL01

Tgt Ion:117 Resp: 344375
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 32.3 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087735.D
Acq: 05 Sep 2025 12:13

Tgt Ion:152 Resp: 156701
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 158.0 0.0 351.0

