

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021925\
 Data File : VN085784.D
 Acq On : 19 Feb 2025 11:49
 Operator : JC\MD
 Sample : VN0219WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBL01

Quant Time: Feb 19 12:05:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	286037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	514740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	457806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	185142	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	207977	56.08	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.16%
35) Dibromofluoromethane	8.159	113	183991	54.63	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.26%
50) Toluene-d8	10.559	98	636245	51.92	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.84%
62) 4-Bromofluorobenzene	12.847	95	194403	48.15	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.30%

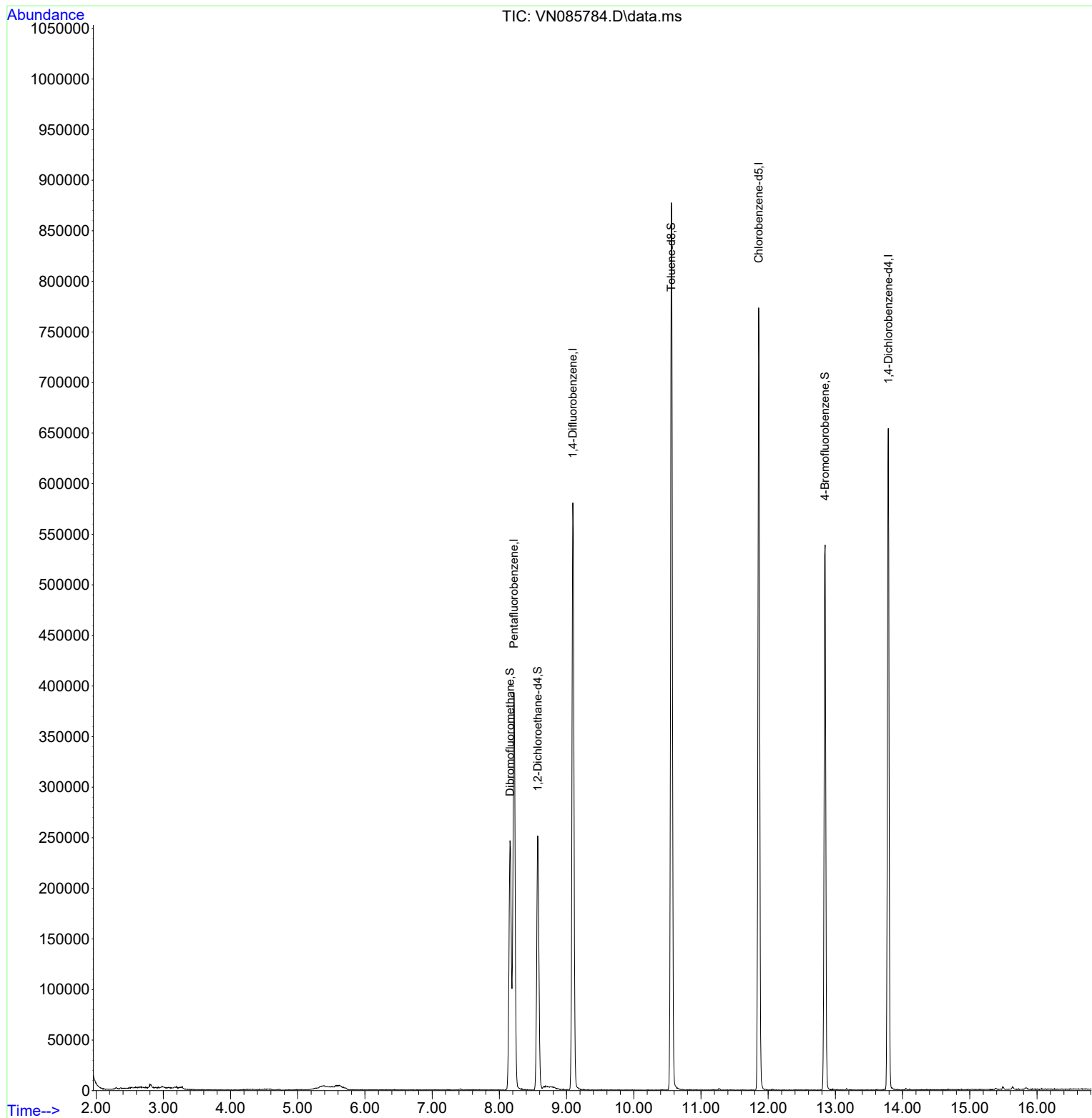
Target Compounds	Qvalue

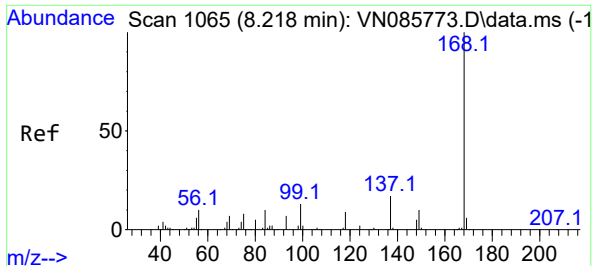
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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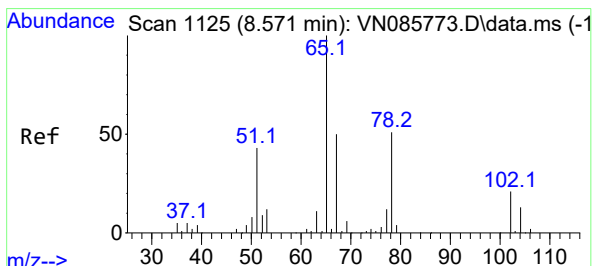
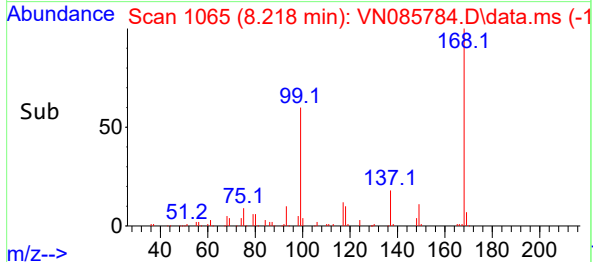
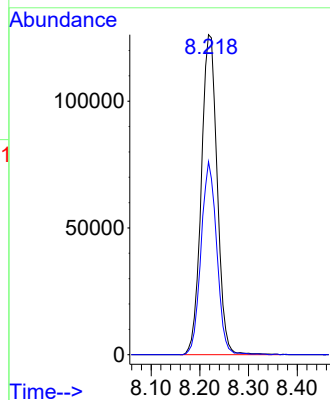
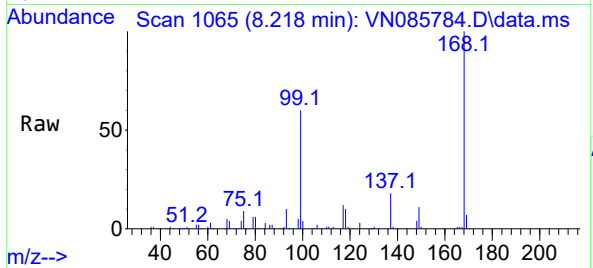




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085784.D
Acq: 19 Feb 2025 11:49

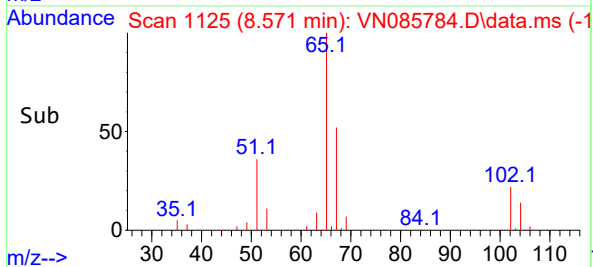
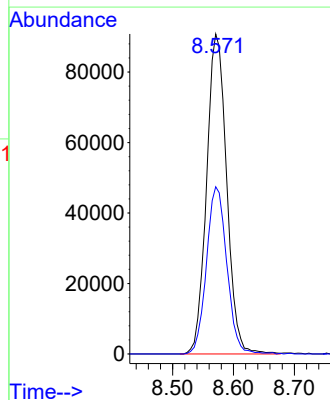
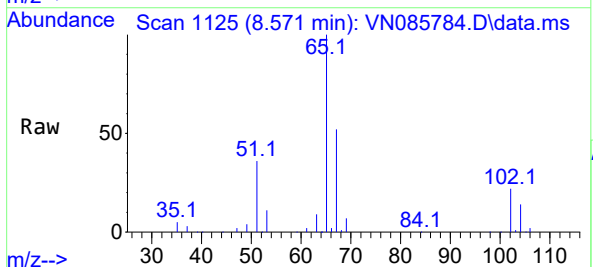
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

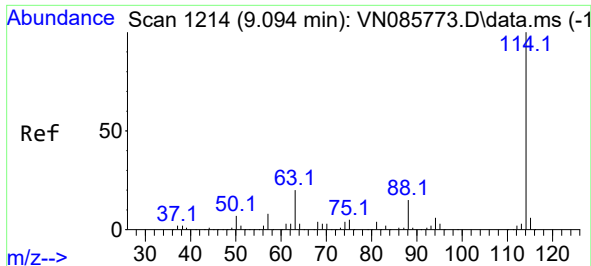
Tgt Ion:168 Resp: 286037
Ion Ratio Lower Upper
168 100
99 60.3 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 56.08 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085784.D
Acq: 19 Feb 2025 11:49

Tgt Ion: 65 Resp: 207977
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.2

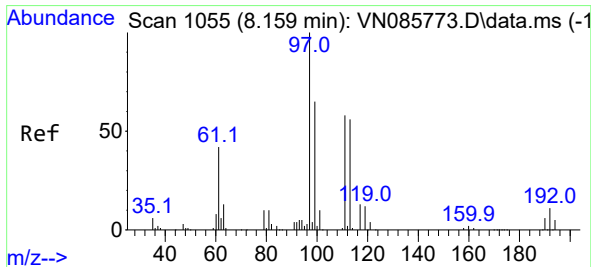
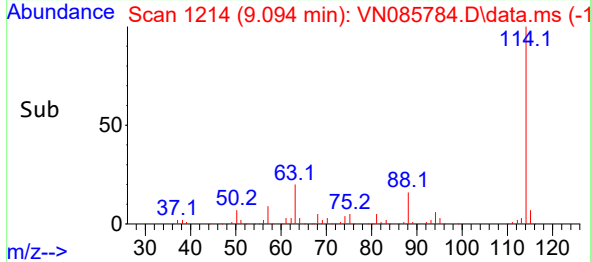
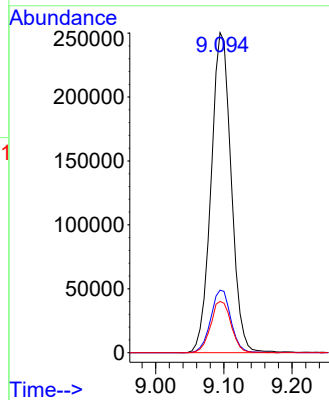
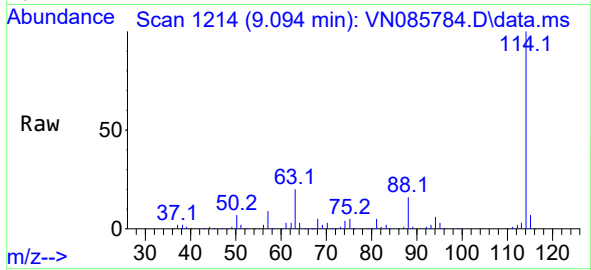




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 9.094 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085784.D
Acq: 19 Feb 2025 11:49

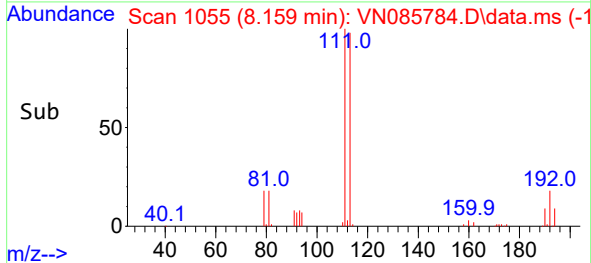
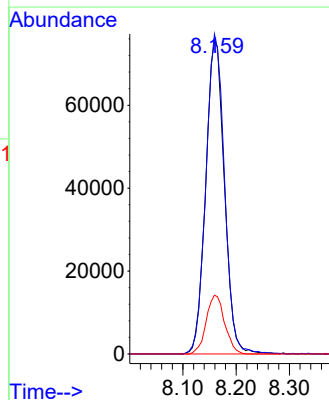
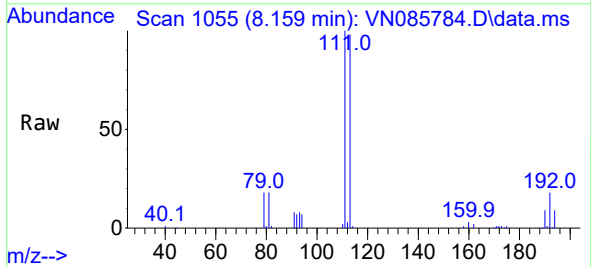
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

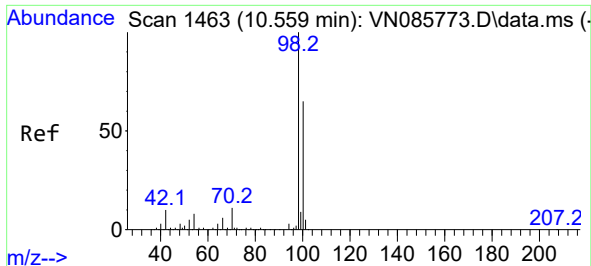
Tgt Ion:114 Resp: 514740
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.2
88 16.0 0.0 30.0



#35
Dibromofluoromethane
Concen: 54.63 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085784.D
Acq: 19 Feb 2025 11:49

Tgt Ion:113 Resp: 183991
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 18.5 14.7 22.1

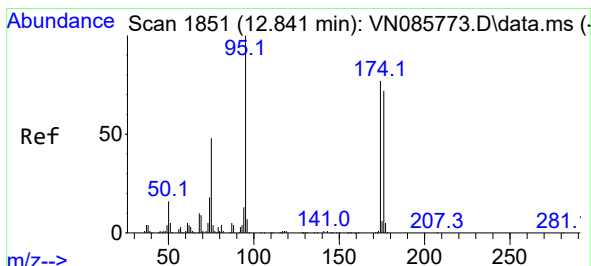
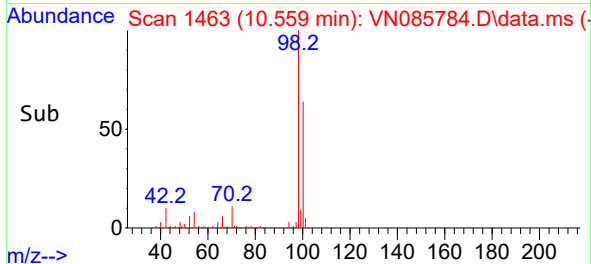
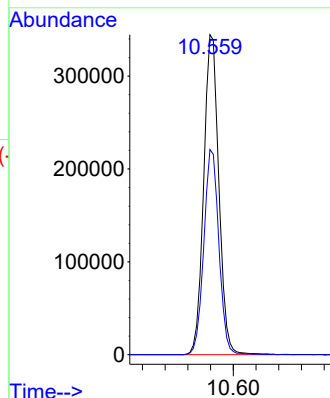
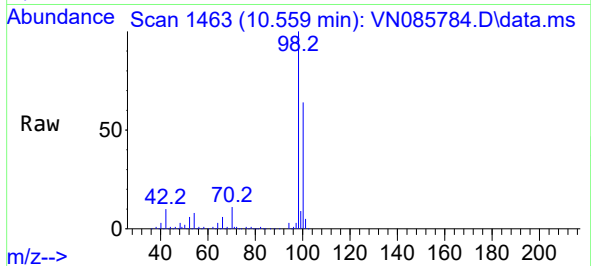




#50
Toluene-d8
Concen: 51.92 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VN085784.D
Acq: 19 Feb 2025 11:49

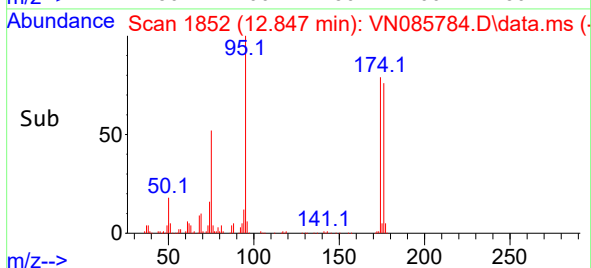
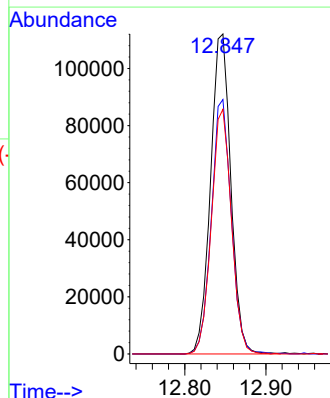
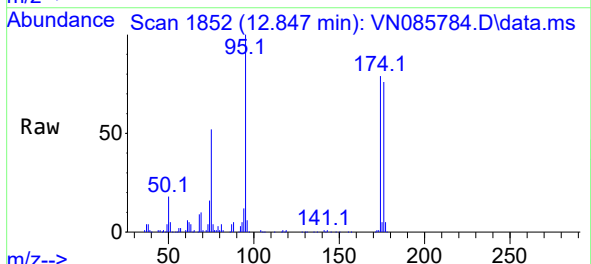
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

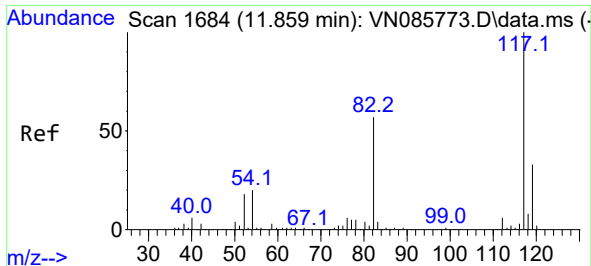
Tgt Ion: 98 Resp: 636245
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.15 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085784.D
Acq: 19 Feb 2025 11:49

Tgt Ion: 95 Resp: 194403
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.4
176 75.6 0.0 146.6

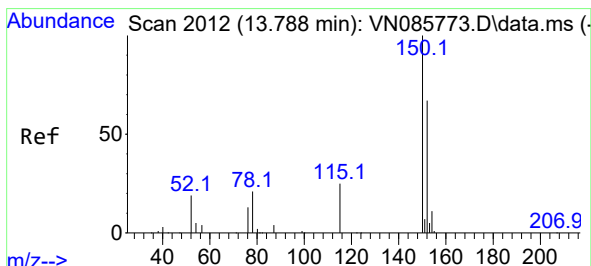
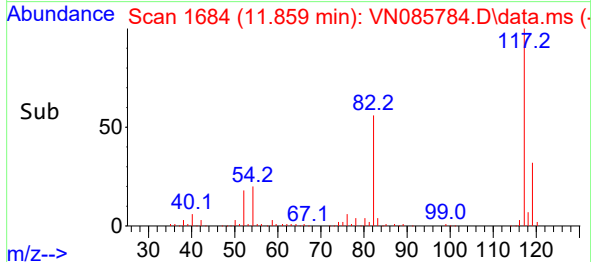
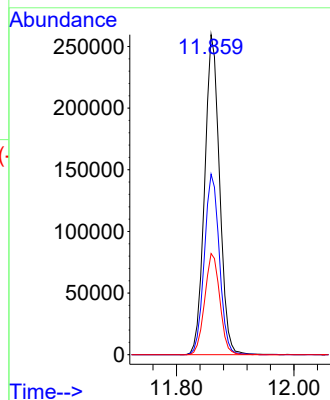
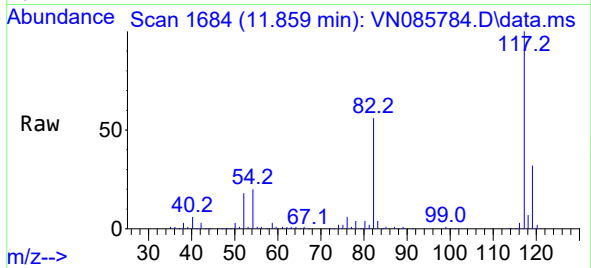




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.859 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085784.D
Acq: 19 Feb 2025 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

Tgt Ion:117 Resp: 457806
Ion Ratio Lower Upper
117 100
82 56.4 45.7 68.5
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085784.D
Acq: 19 Feb 2025 11:49

Tgt Ion:152 Resp: 185142
Ion Ratio Lower Upper
152 100
115 60.8 30.4 91.3
150 156.7 0.0 345.4

