

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
 Data File : VN085967.D
 Acq On : 12 Mar 2025 18:06
 Operator : JC\MD
 Sample : Q1507-01
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50-MIDDLESEX-AVE

Quant Time: Mar 13 01:42:55 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	143245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	255110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	101846	54.841	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.680%
35) Dibromofluoromethane	8.159	113	83399	49.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	10.565	98	282832	46.568	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.140%
62) 4-Bromofluorobenzene	12.847	95	95549	47.749	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.500%

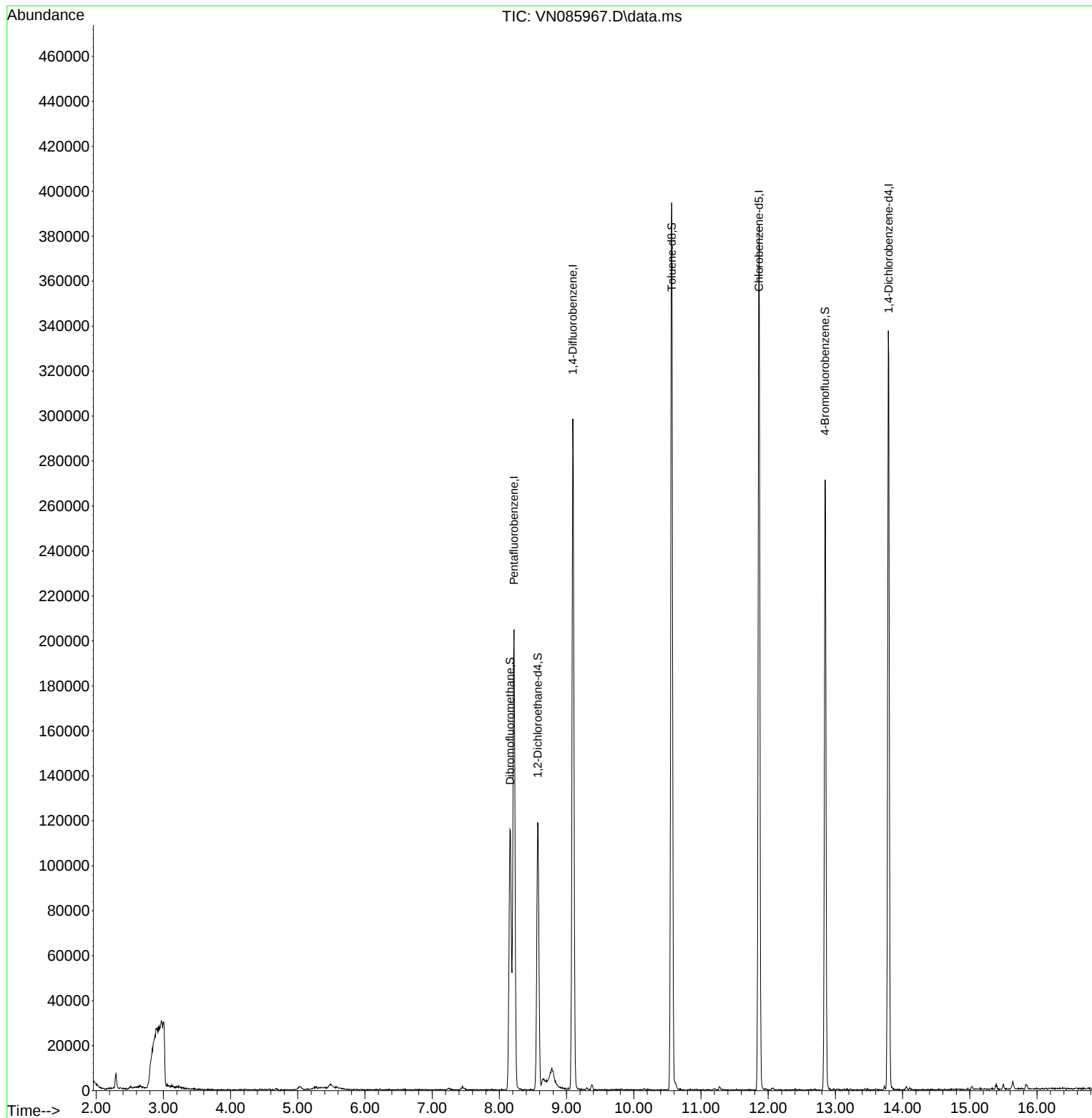
Target Compounds	Qvalue

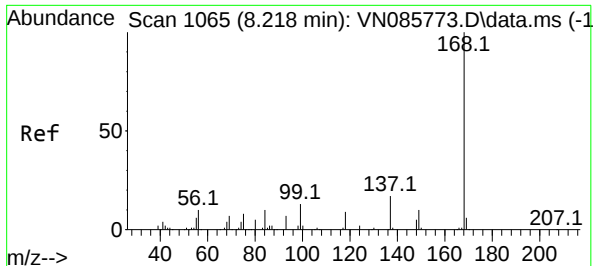
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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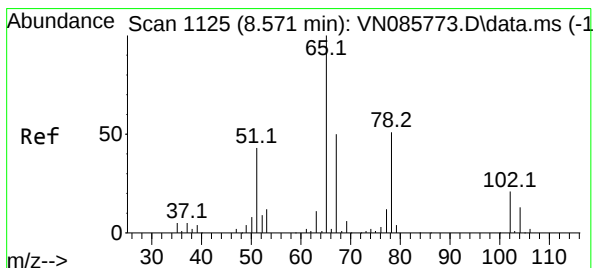
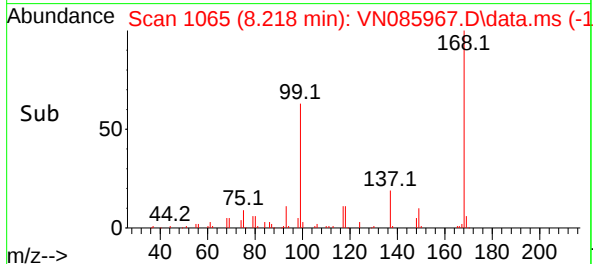
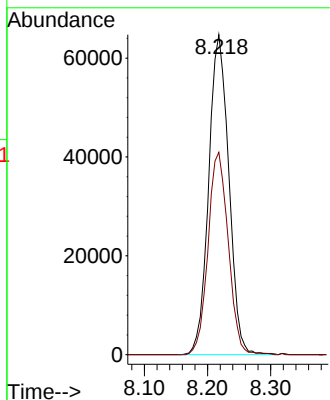
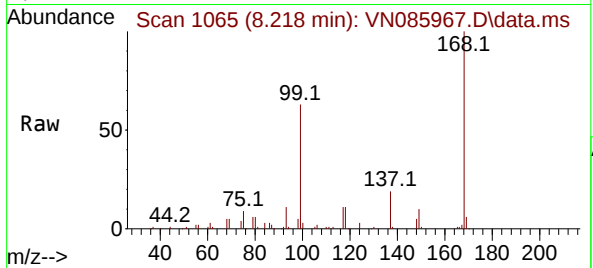




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085967.D
Acq: 12 Mar 2025 18:06

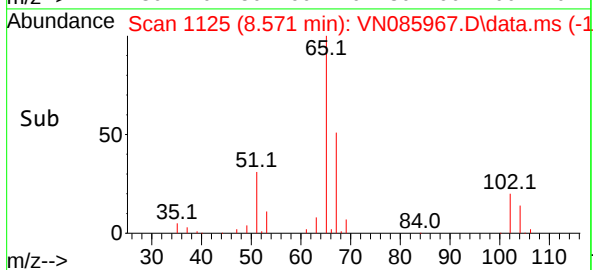
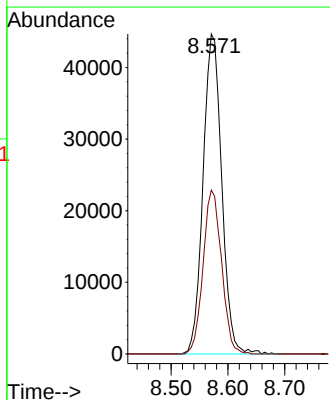
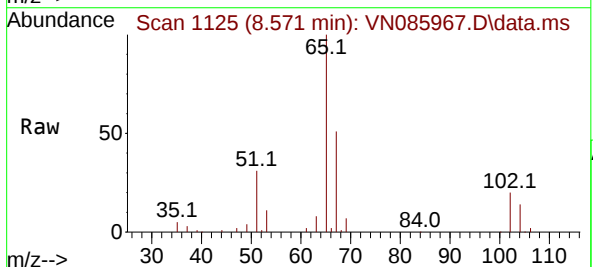
Instrument :
MSVOA_N
ClientSampleId :
50-MIDDLESEX-AVE

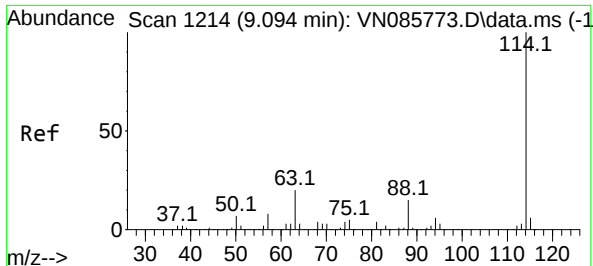
Tgt Ion:168 Resp: 143245
Ion Ratio Lower Upper
168 100
99 63.3 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 54.841 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085967.D
Acq: 12 Mar 2025 18:06

Tgt Ion: 65 Resp: 101846
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.2

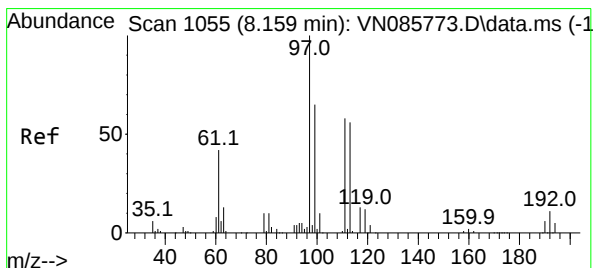
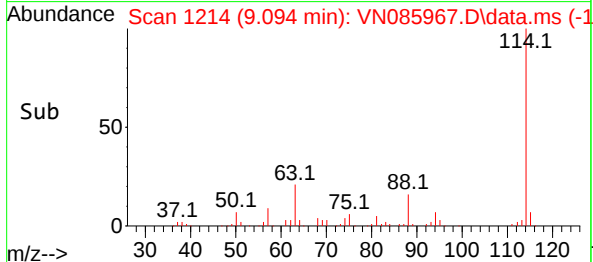
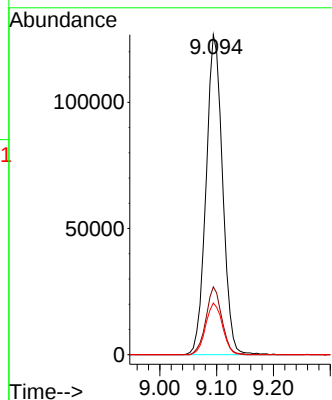
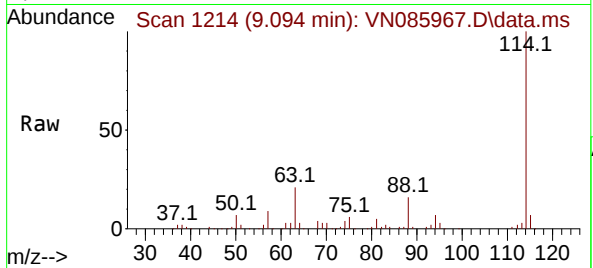




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085967.D
Acq: 12 Mar 2025 18:06

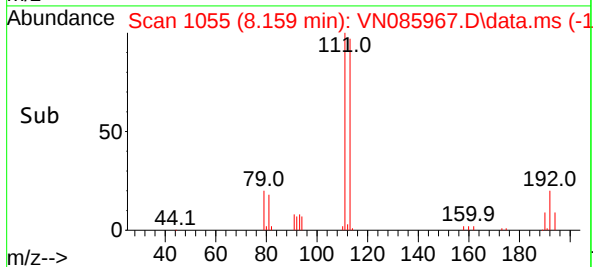
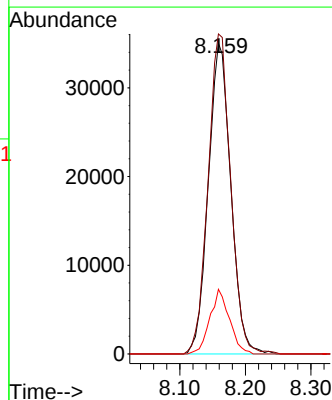
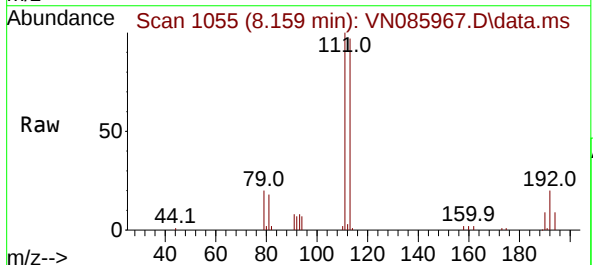
Instrument :
MSVOA_N
ClientSampleId :
50-MIDDLESEX-AVE

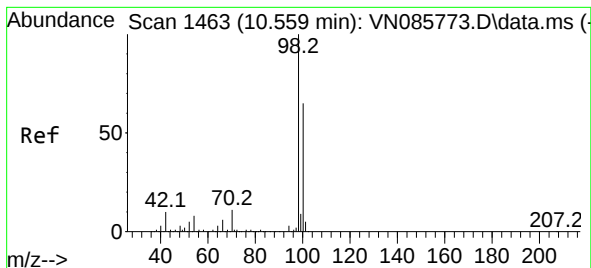
Tgt Ion:114 Resp: 255110
Ion Ratio Lower Upper
114 100
63 21.2 0.0 39.2
88 16.1 0.0 30.0



#35
Dibromofluoromethane
Concen: 49.960 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085967.D
Acq: 12 Mar 2025 18:06

Tgt Ion:113 Resp: 83399
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 18.1 14.7 22.1

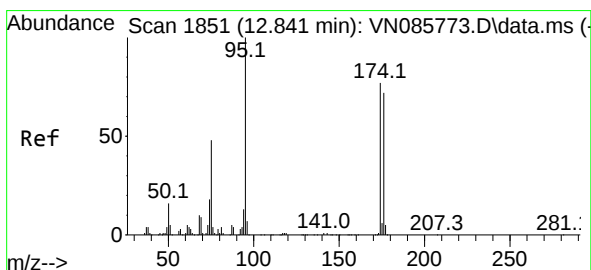
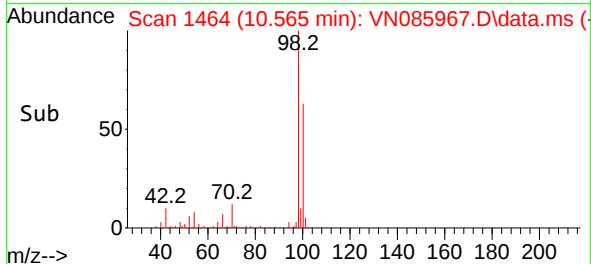
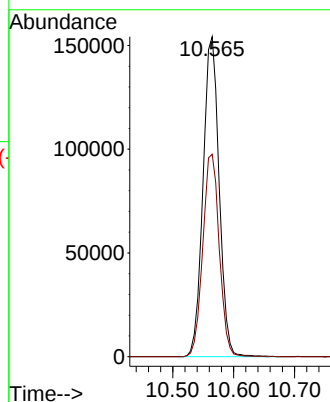
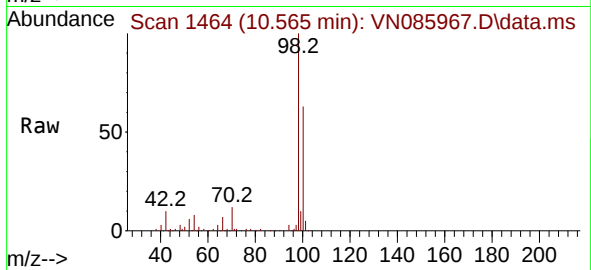




#50
Toluene-d8
Concen: 46.568 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085967.D
Acq: 12 Mar 2025 18:06

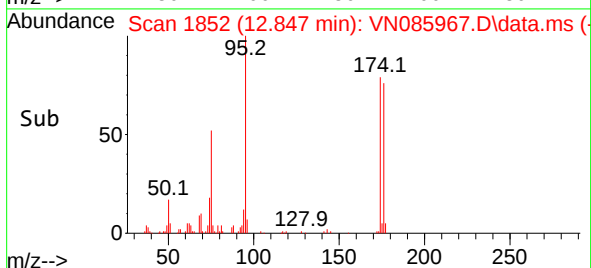
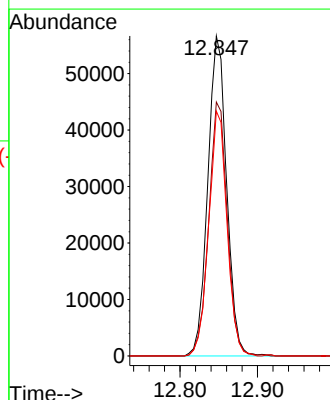
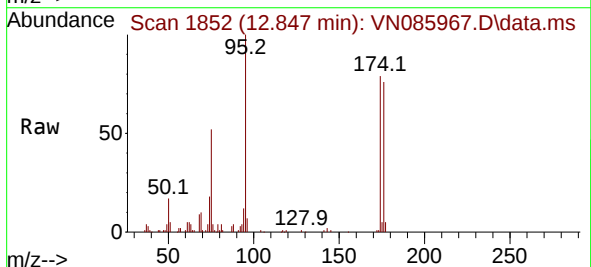
Instrument :
MSVOA_N
ClientSampleId :
50-MIDDLESEX-AVE

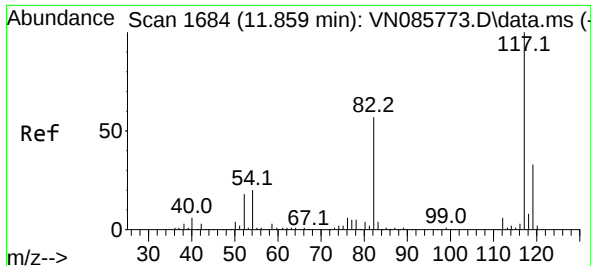
Tgt Ion: 98 Resp: 282832
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.749 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085967.D
Acq: 12 Mar 2025 18:06

Tgt Ion: 95 Resp: 95549
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.4
176 74.4 0.0 146.6

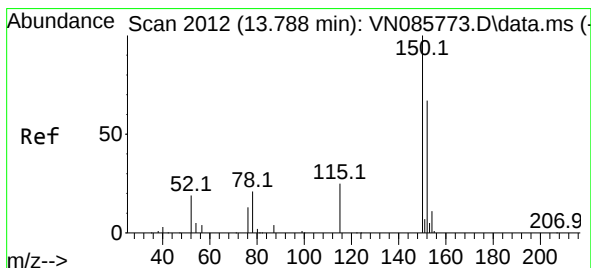
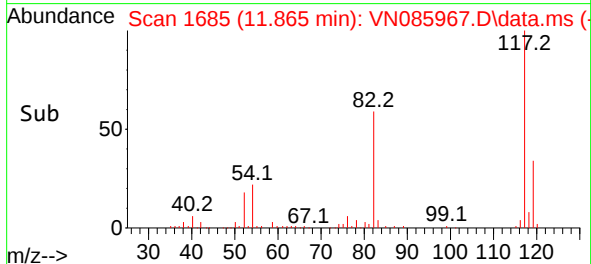
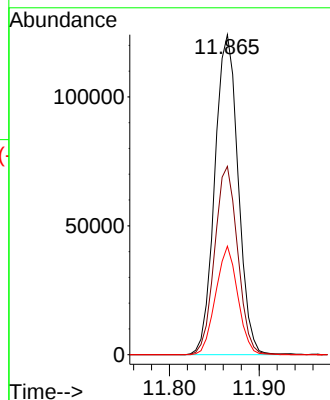
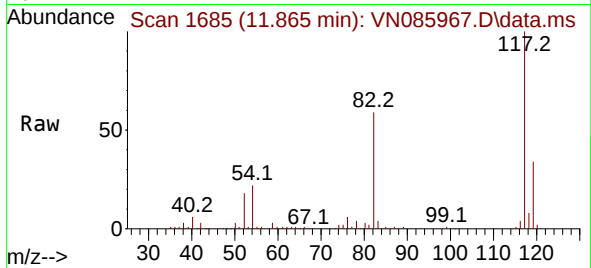




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085967.D
Acq: 12 Mar 2025 18:06

Instrument :
MSVOA_N
ClientSampleId :
50-MIDDLESEX-AVE

Tgt Ion:117 Resp: 224446
Ion Ratio Lower Upper
117 100
82 58.9 45.7 68.5
119 33.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085967.D
Acq: 12 Mar 2025 18:06

Tgt Ion:152 Resp: 94391
Ion Ratio Lower Upper
152 100
115 62.3 30.4 91.3
150 157.1 0.0 345.4

