

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020521\
 Data File : VN065731.D
 Acq On : 5 Feb 2021 12:06
 Operator : JC/MD
 Sample : VN0205WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBL01

Quant Time: Feb 05 22:45:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	198013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	332237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	293353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	100022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	116005	44.53	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.06%
35) Dibromofluoromethane	7.547	113	96640	49.09	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.18%
50) Toluene-d8	10.055	98	415670	53.71	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.42%
62) 4-Bromofluorobenzene	12.373	95	131587	47.22	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.44%

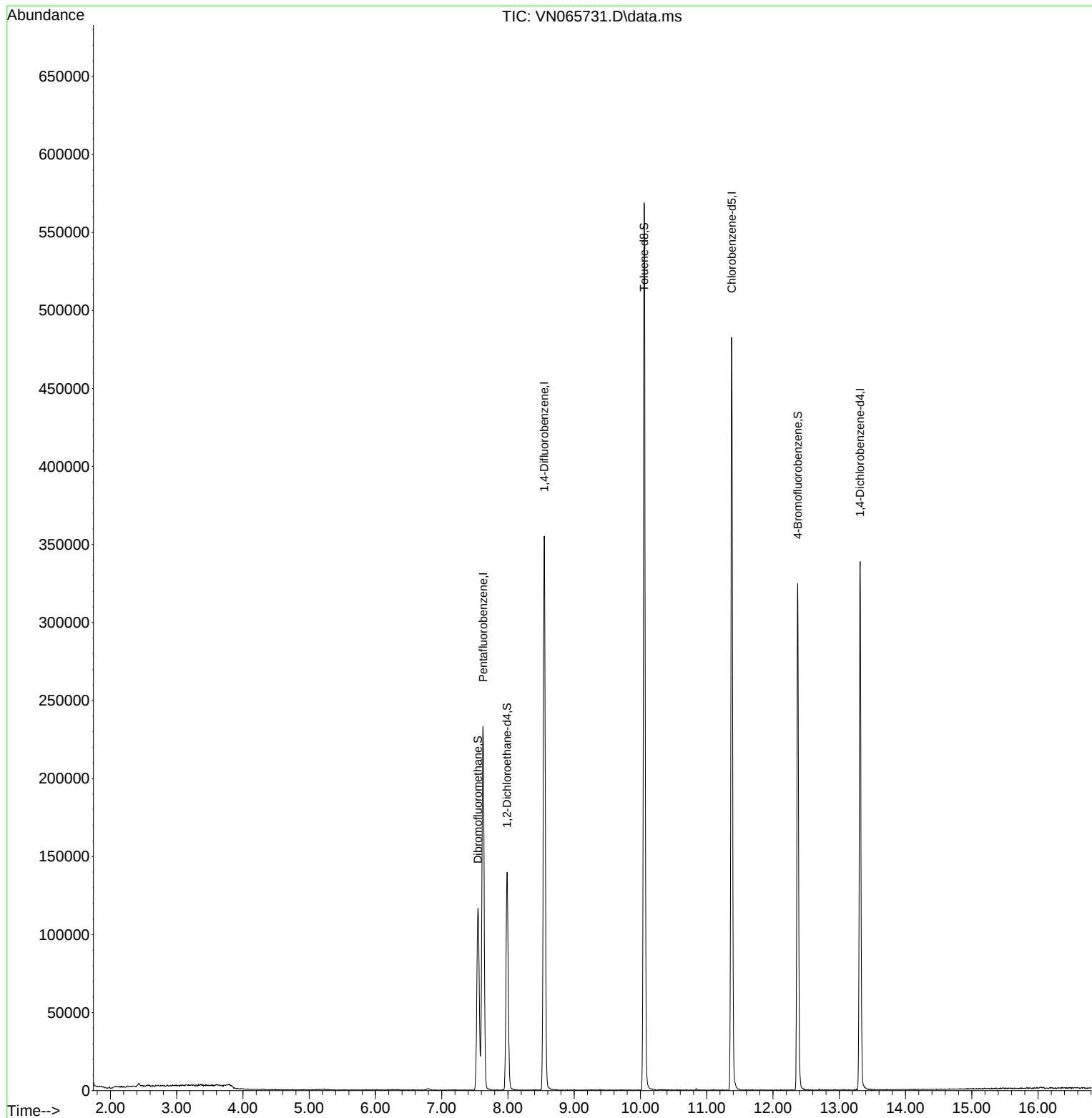
Target Compounds	Qvalue

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

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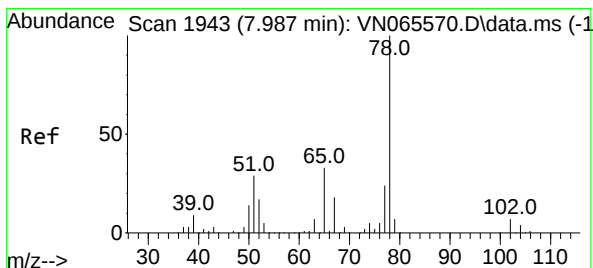
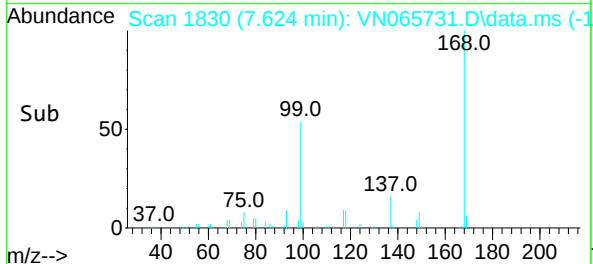
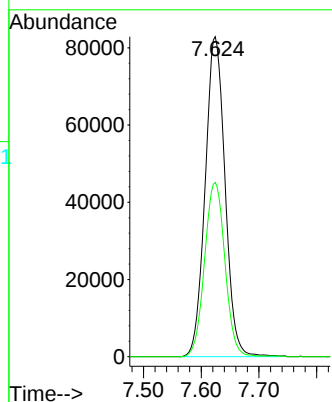
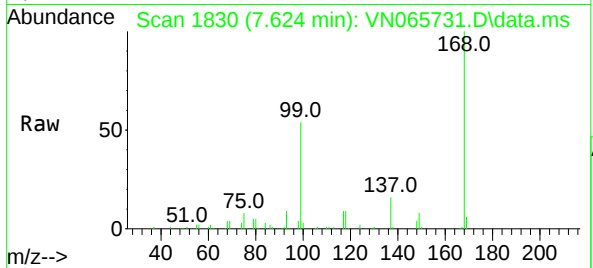




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065731.D
Acq: 5 Feb 2021 12:06

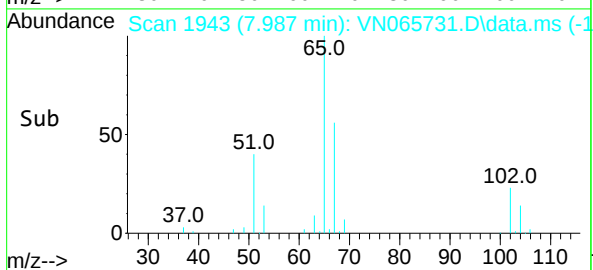
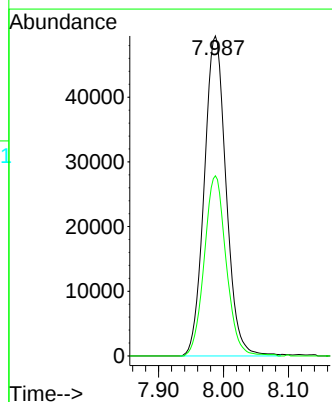
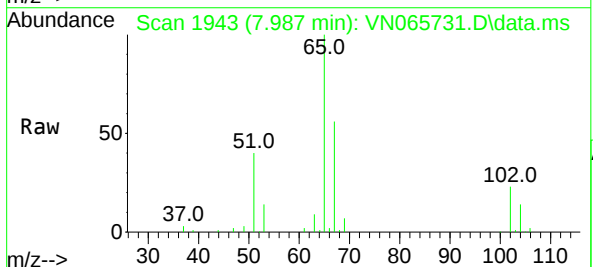
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBL01

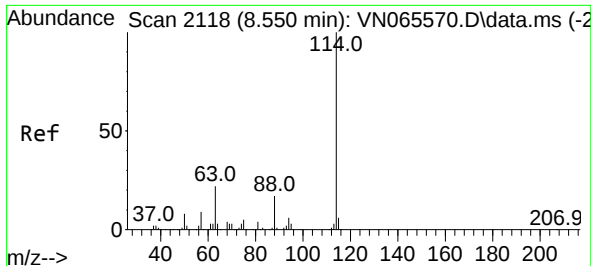
Tgt Ion:168 Resp: 198013
Ion Ratio Lower Upper
168 100
99 54.5 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 44.53 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065731.D
Acq: 5 Feb 2021 12:06

Tgt Ion: 65 Resp: 116005
Ion Ratio Lower Upper
65 100
67 56.3 0.0 107.2

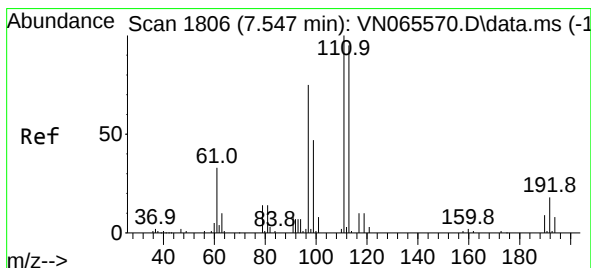
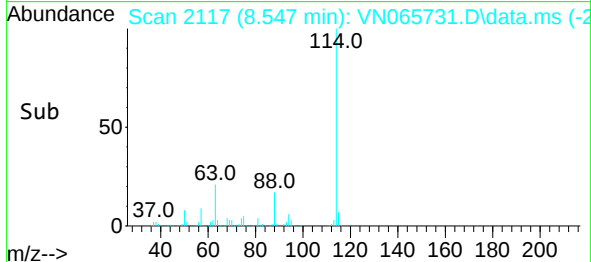
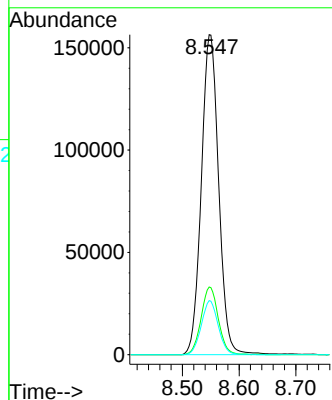
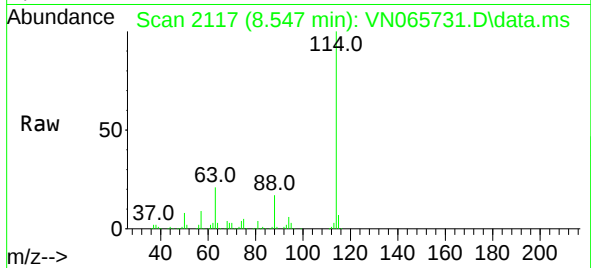




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065731.D
Acq: 5 Feb 2021 12:06

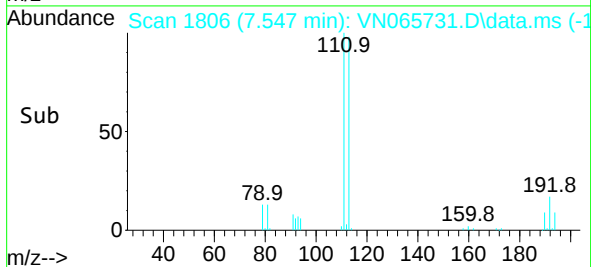
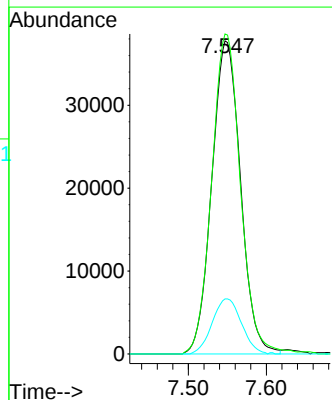
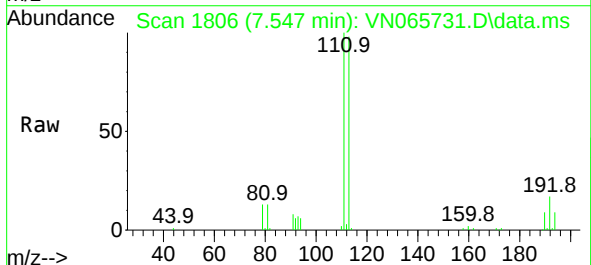
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBL01

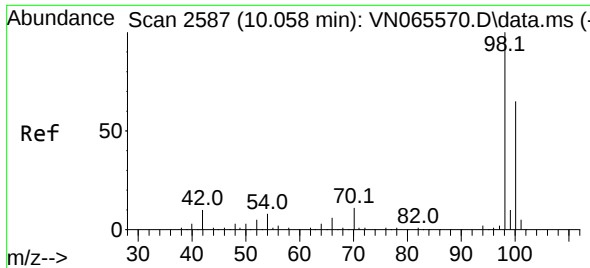
Tgt Ion:114 Resp: 332237
Ion Ratio Lower Upper
114 100
63 21.1 0.0 38.6
88 16.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.09 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065731.D
Acq: 5 Feb 2021 12:06

Tgt Ion:113 Resp: 96640
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 17.9 15.4 23.0

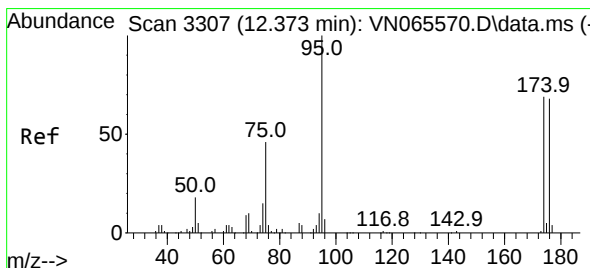
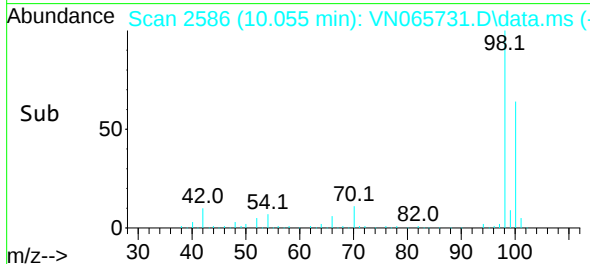
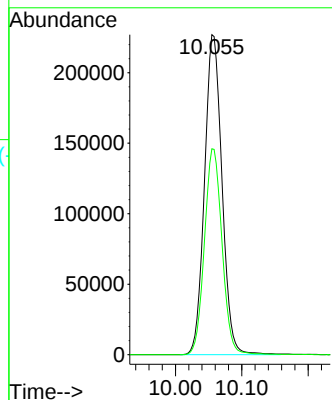
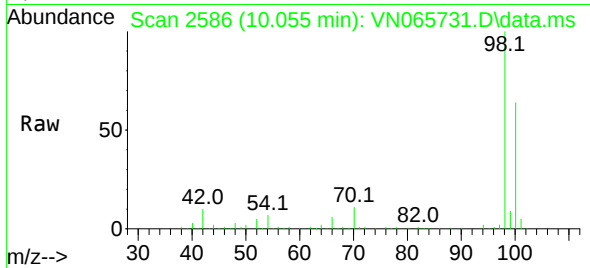




#50
Toluene-d8
Concen: 53.71 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065731.D
Acq: 5 Feb 2021 12:06

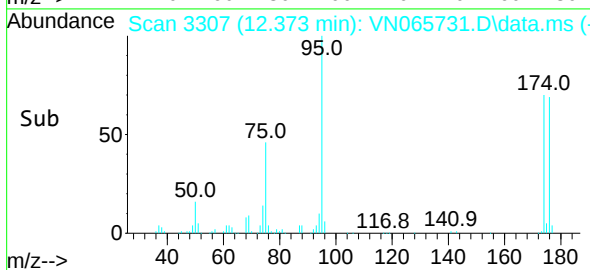
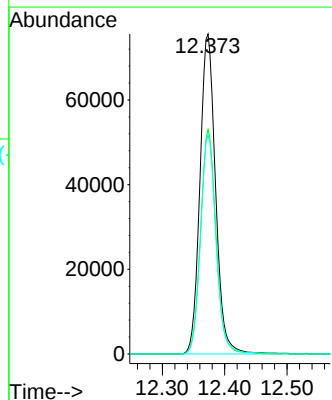
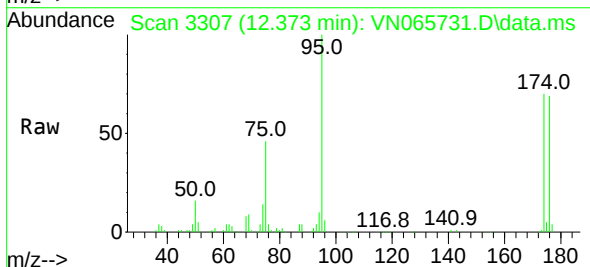
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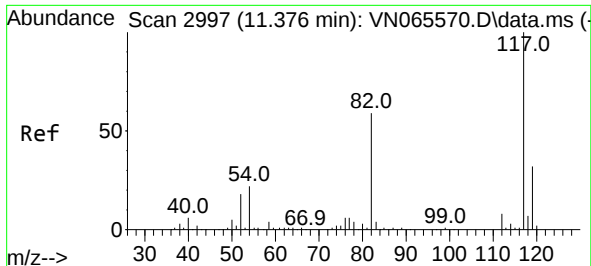
Tgt Ion: 98 Resp: 415670
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 47.22 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065731.D
Acq: 5 Feb 2021 12:06

Tgt Ion: 95 Resp: 131587
Ion Ratio Lower Upper
95 100
174 69.4 0.0 169.0
176 67.7 0.0 162.4

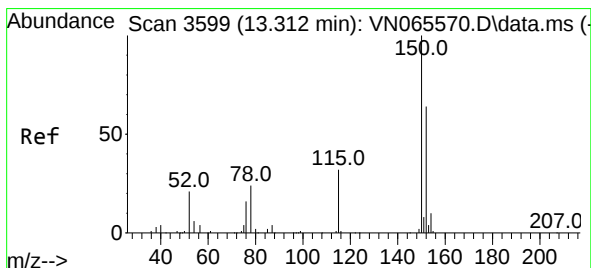
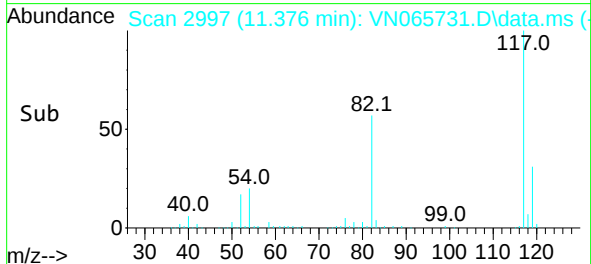
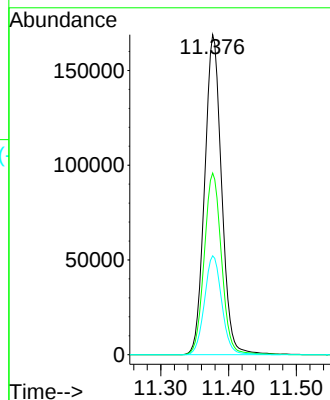
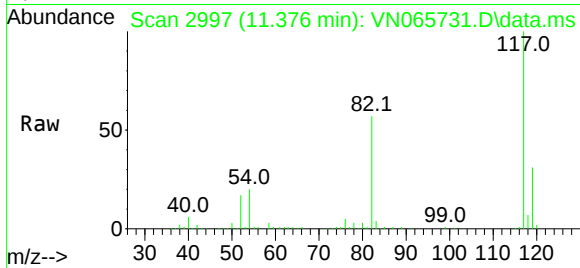




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065731.D
Acq: 5 Feb 2021 12:06

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBL01

Tgt Ion:117 Resp: 293353
Ion Ratio Lower Upper
117 100
82 56.8 43.7 65.5
119 30.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065731.D
Acq: 5 Feb 2021 12:06

Tgt Ion:152 Resp: 100022
Ion Ratio Lower Upper
152 100
115 60.6 28.5 85.6
150 158.0 0.0 347.6

