

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040221\
 Data File : VN066476.D
 Acq On : 2 Apr 2021 18:38
 Operator : JC/MD
 Sample : M1910-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-4121

Quant Time: Apr 03 03:25:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	338668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	503983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	475903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	222290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	212447	47.19	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.38%
35) Dibromofluoromethane	7.504	113	168125	50.32	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.64%
50) Toluene-d8	10.025	98	625186	49.33	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.66%
62) 4-Bromofluorobenzene	12.345	95	196071	44.54	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.08%

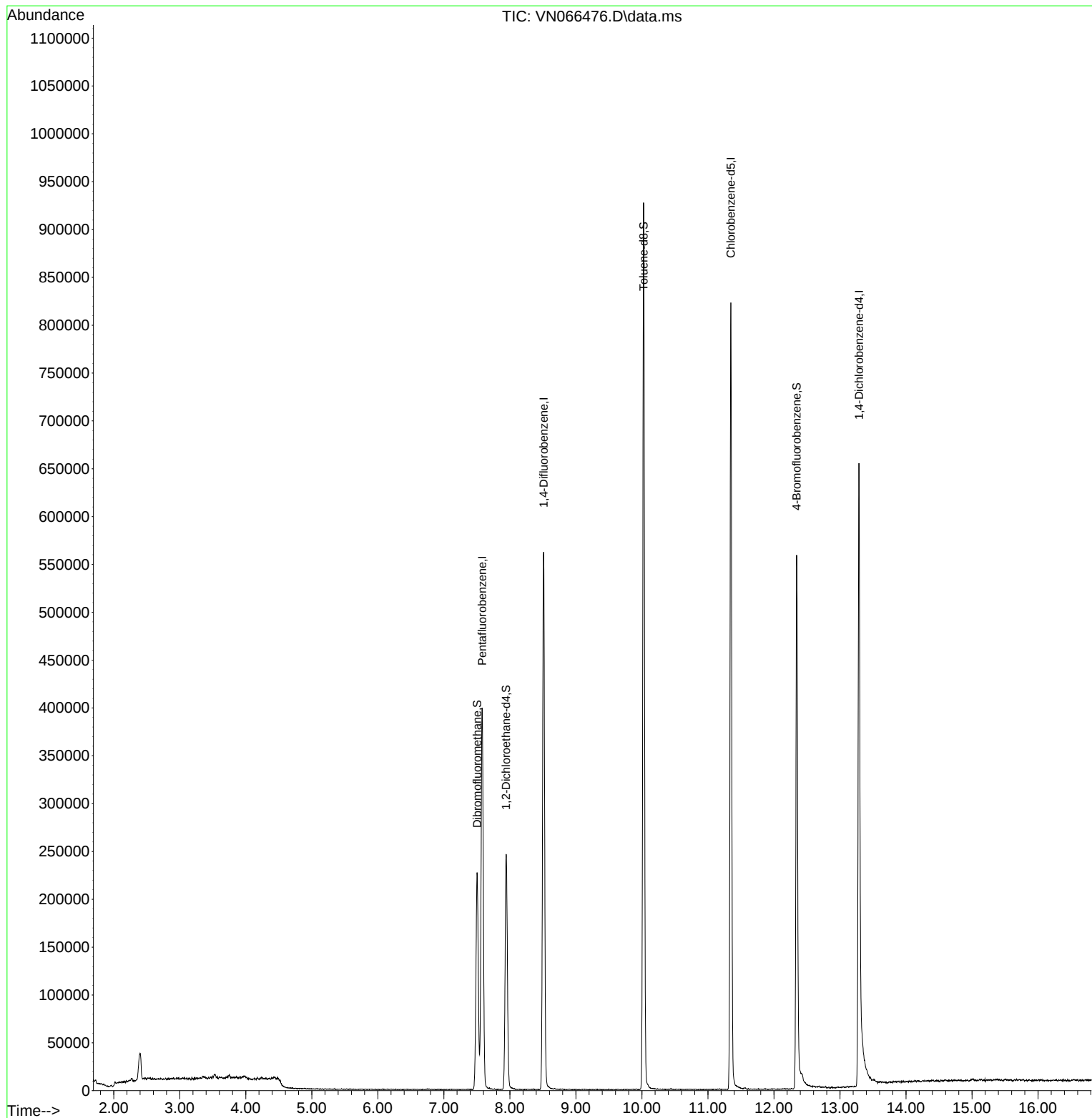
Target Compounds	Qvalue

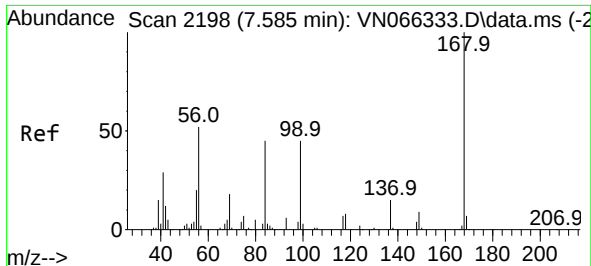
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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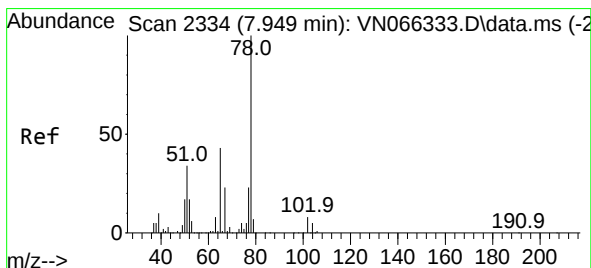
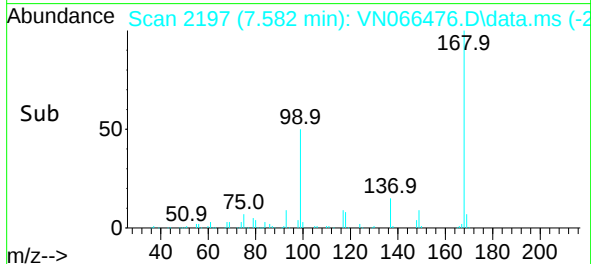
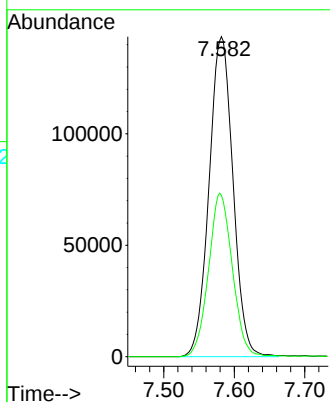
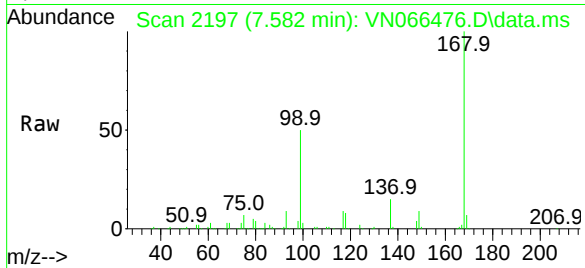




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

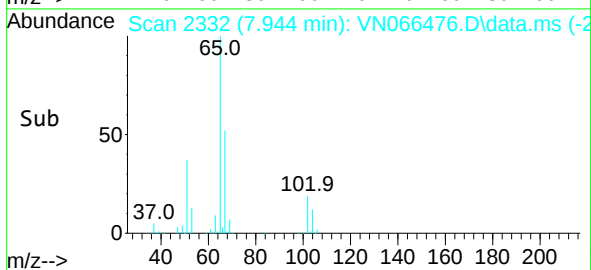
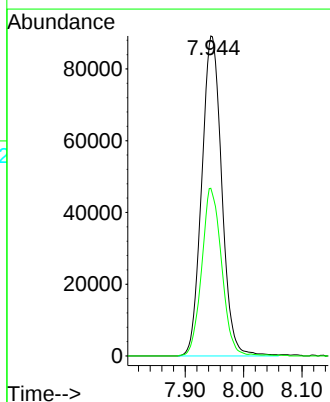
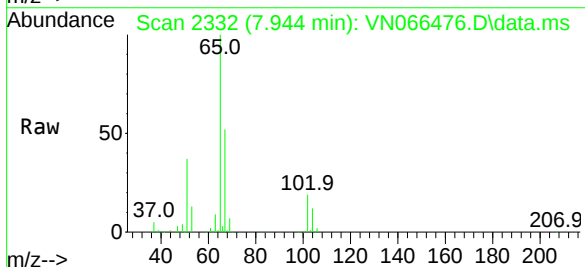
Instrument :
MSVOA_N
ClientSampled :
TB-4121

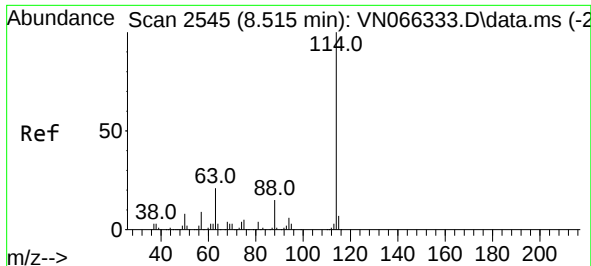
Tgt Ion:168 Resp: 338668
Ion Ratio Lower Upper
168 100
99 50.4 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 47.19 ug/l
RT: 7.944 min Scan# 2332
Delta R.T. -0.000 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

Tgt Ion: 65 Resp: 212447
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2

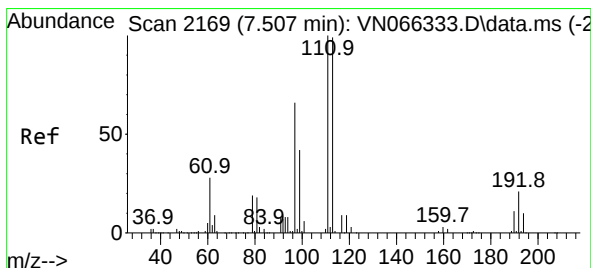
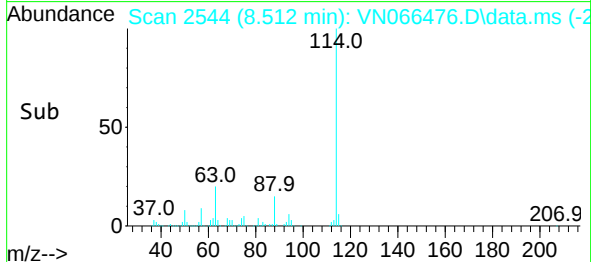
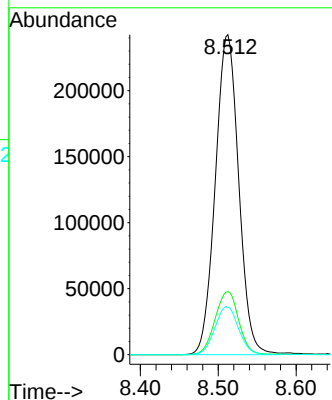
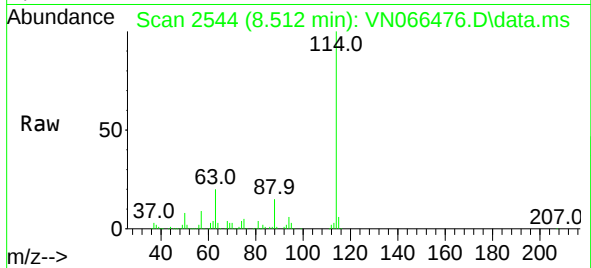




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. 0.003 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

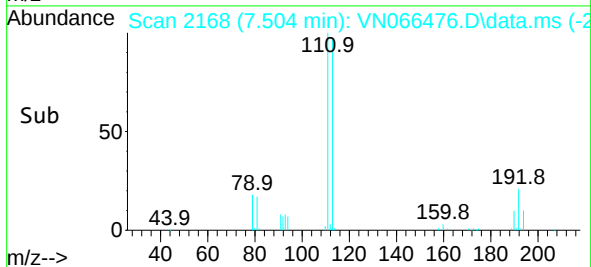
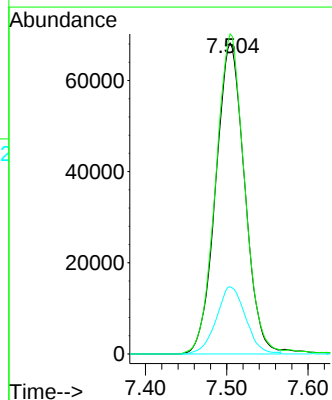
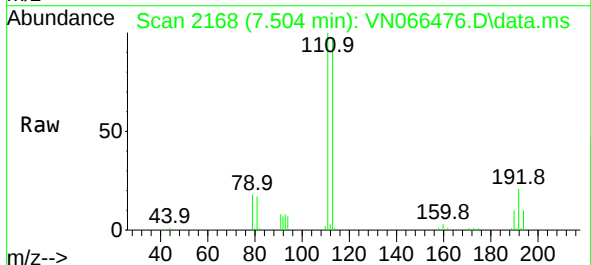
Instrument :
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TB-4121

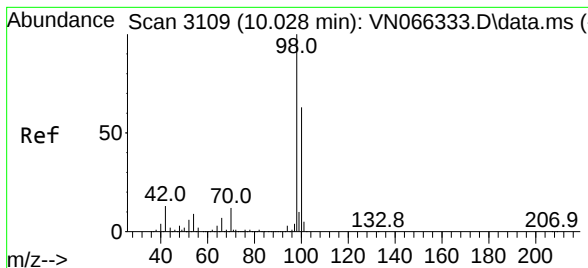
Tgt Ion:114 Resp: 503983
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.0
88 14.9 0.0 31.0



#35
Dibromofluoromethane
Concen: 50.32 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. 0.003 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

Tgt Ion:113 Resp: 168125
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 21.9 17.1 25.7

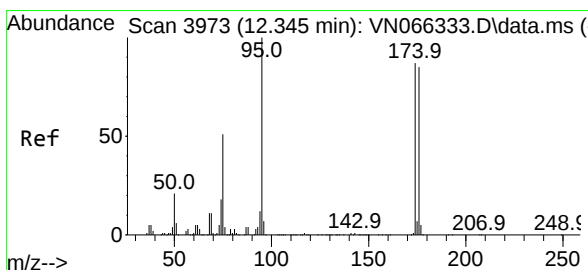
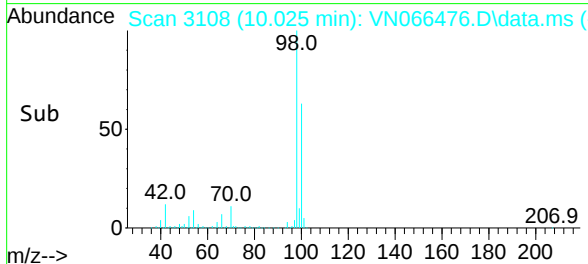
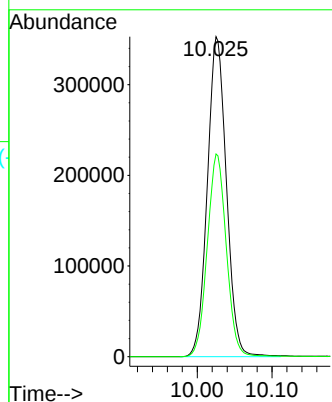
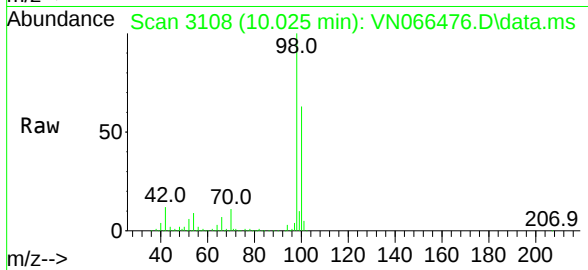




#50
Toluene-d8
Concen: 49.33 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

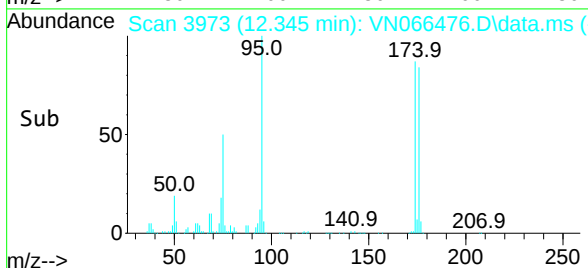
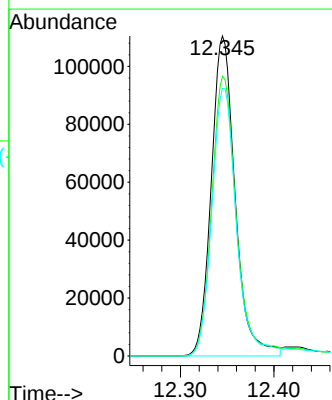
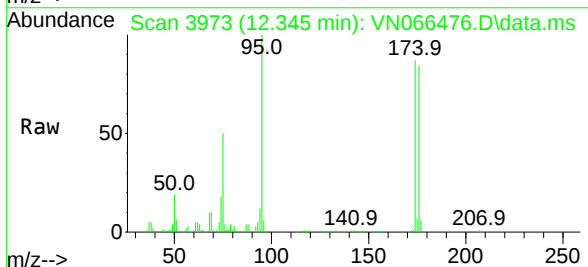
Instrument :
MSVOA_N
ClientSampleId :
TB-4121

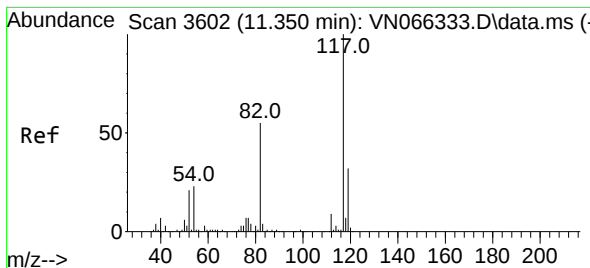
Tgt Ion: 98 Resp: 625186
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.54 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

Tgt Ion: 95 Resp: 196071
Ion Ratio Lower Upper
95 100
174 90.4 0.0 172.2
176 85.8 0.0 167.8

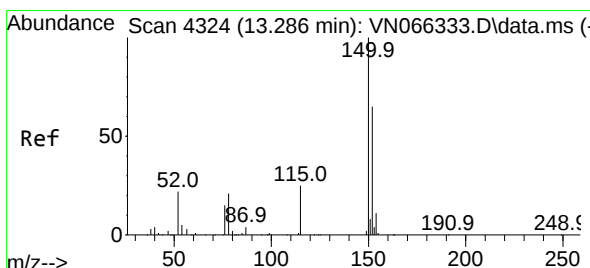
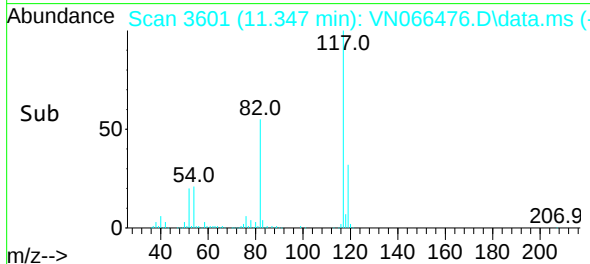
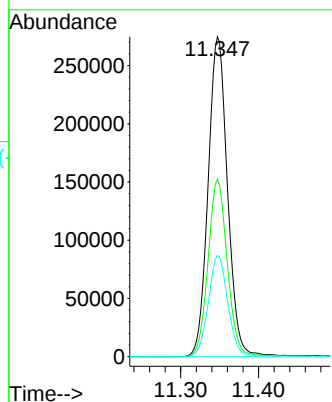
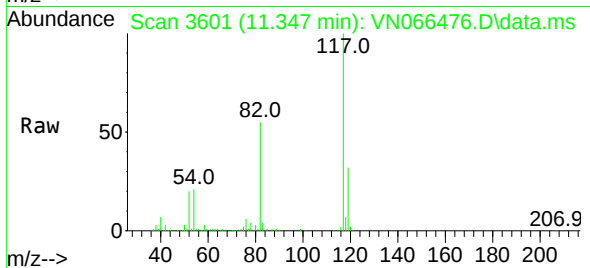




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

Instrument :
MSVOA_N
ClientSampleId :
TB-4121

Tgt Ion:117 Resp: 475903
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.4
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.005 min
Lab File: VN066476.D
Acq: 2 Apr 2021 18:38

Tgt Ion:152 Resp: 222290
Ion Ratio Lower Upper
152 100
115 56.7 27.8 83.4
150 160.4 0.0 348.4

