

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
 Data File : VN066616.D
 Acq On : 15 Apr 2021 17:07
 Operator : JC/MD
 Sample : M2043-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB41421

Quant Time: Apr 16 07:52:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 19:16:35 2021
 Response via : Initial Calibration

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

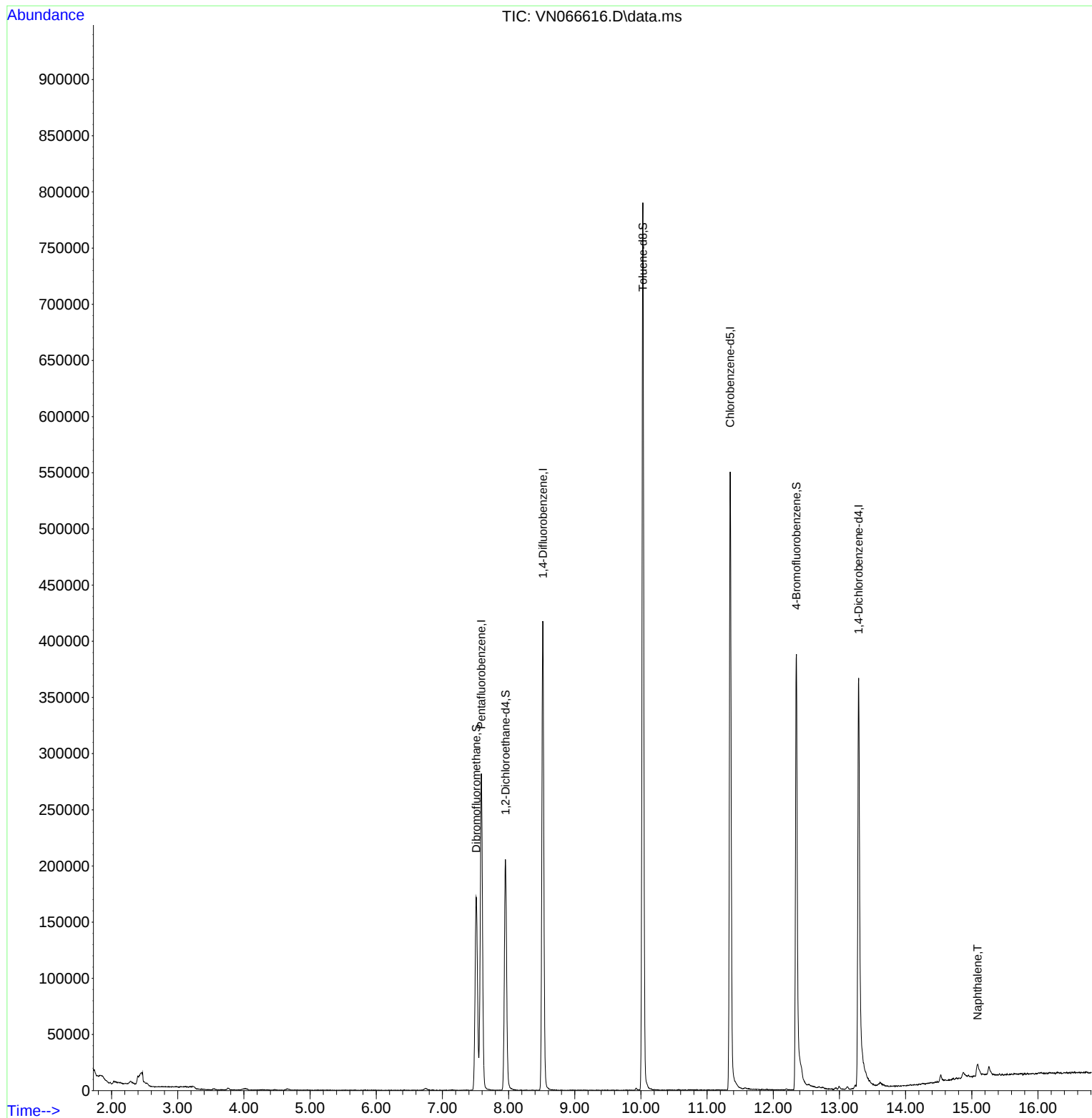
Internal Standards						
1) Pentafluorobenzene	7.588	168	237169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	374534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	334717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	125596	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	177705	49.67	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.34%
35) Dibromofluoromethane	7.511	113	137104	52.79	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.58%
50) Toluene-d8	10.029	98	543255	53.37	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.74%
62) 4-Bromofluorobenzene	12.349	95	169259	47.29	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.58%
Target Compounds						
95) Naphthalene	15.087	128	18389	2.87	ug/l	Qvalue # 93

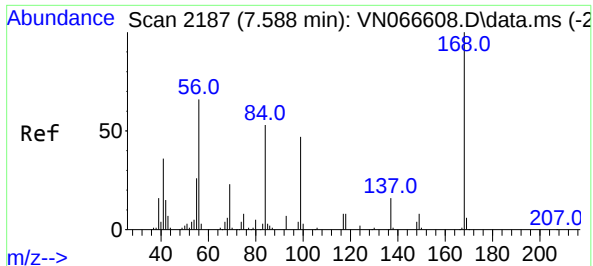
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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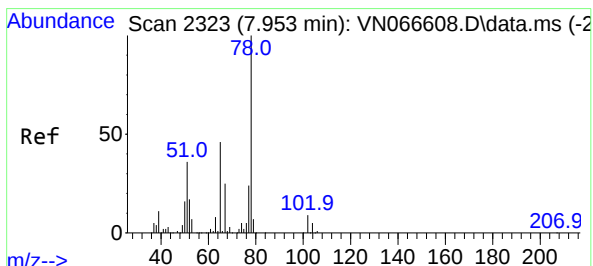
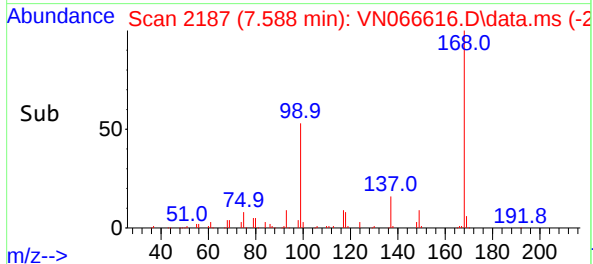
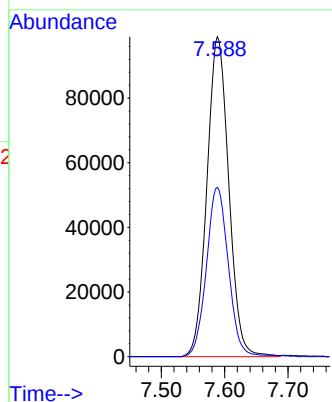
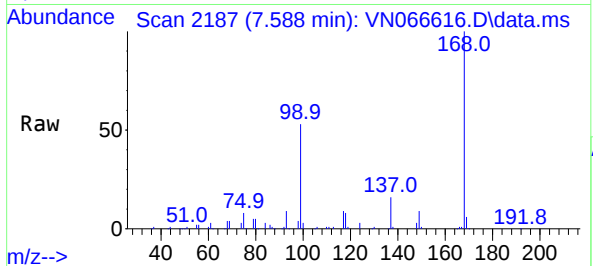




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VN066616.D
Acq: 15 Apr 2021 17:07

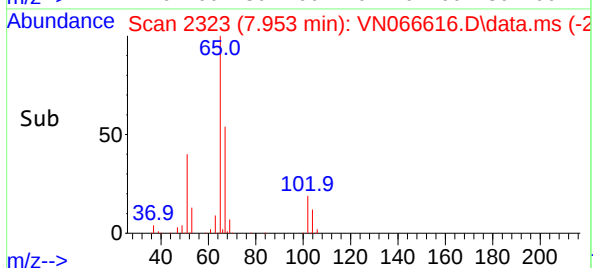
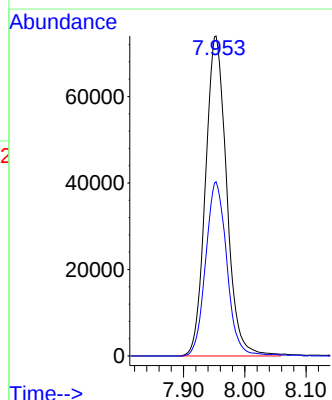
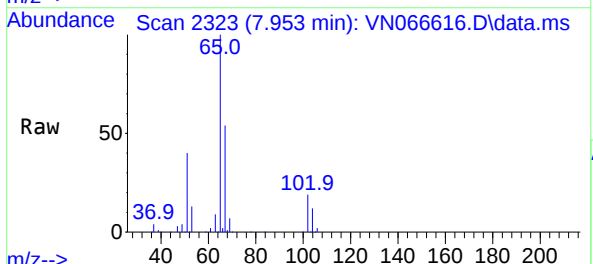
Instrument :
MSVOA_N
ClientSampled :
TB41421

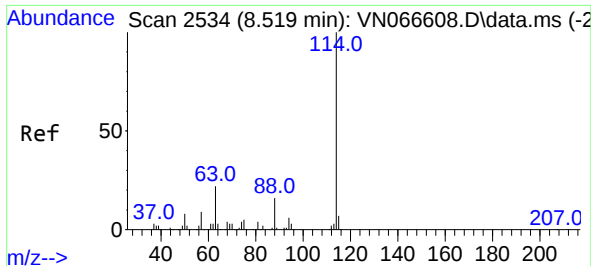
Tgt Ion:168 Resp: 237169
Ion Ratio Lower Upper
168 100
99 52.9 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 49.67 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066616.D
Acq: 15 Apr 2021 17:07

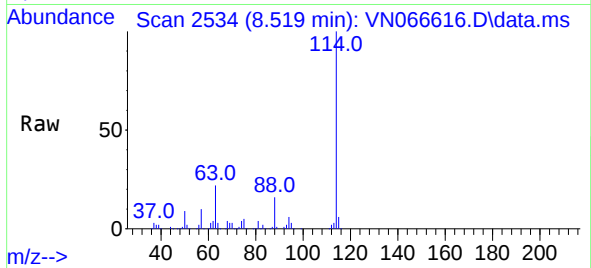
Tgt Ion: 65 Resp: 177705
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.2



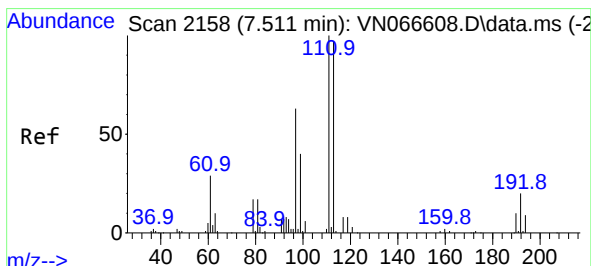
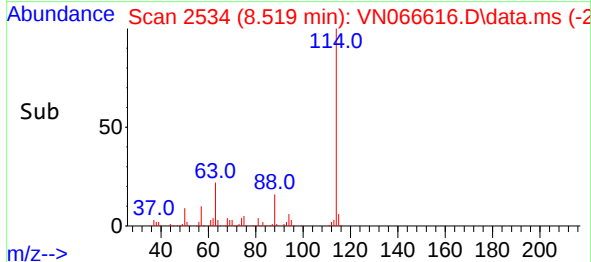
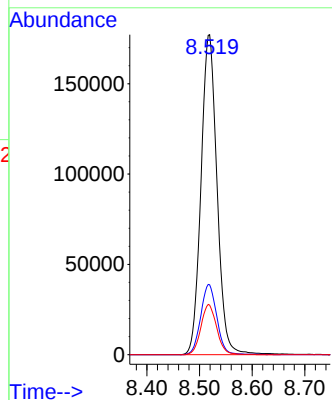


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VN066616.D
Acq: 15 Apr 2021 17:07

Instrument :
MSVOA_N
ClientSampleId :
TB41421

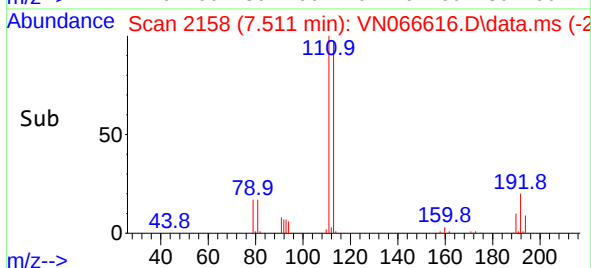
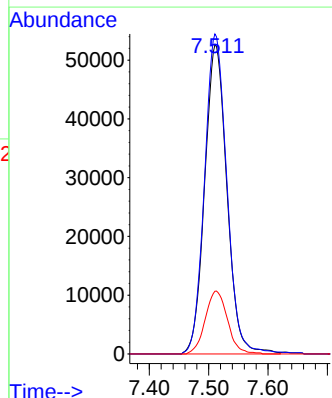
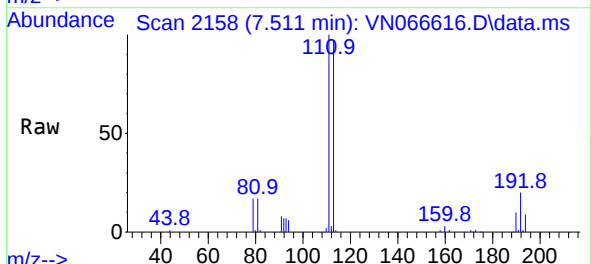


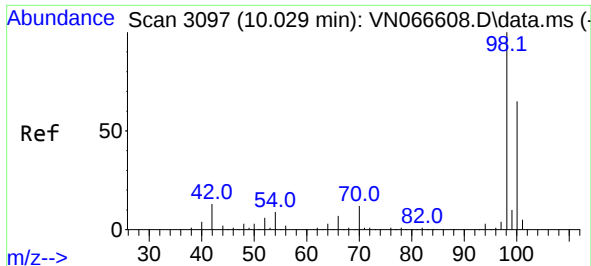
Tgt Ion:114 Resp: 374534
Ion Ratio Lower Upper
114 100
63 21.9 0.0 38.6
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.79 ug/l
RT: 7.511 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VN066616.D
Acq: 15 Apr 2021 17:07

Tgt Ion:113 Resp: 137104
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 20.4 15.4 23.0

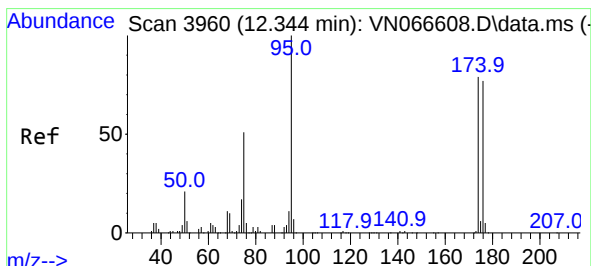
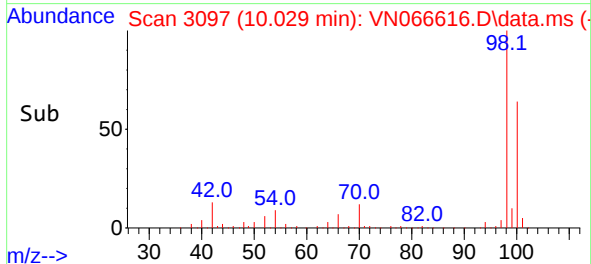
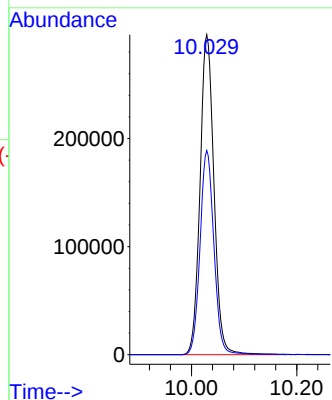
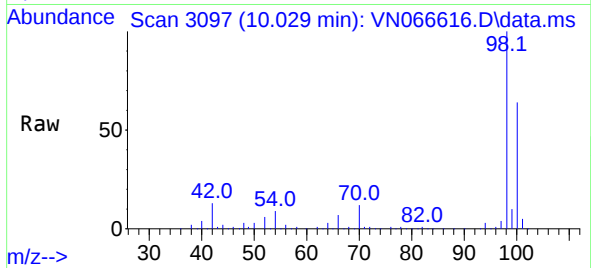




#50
Toluene-d8
Concen: 53.37 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066616.D
Acq: 15 Apr 2021 17:07

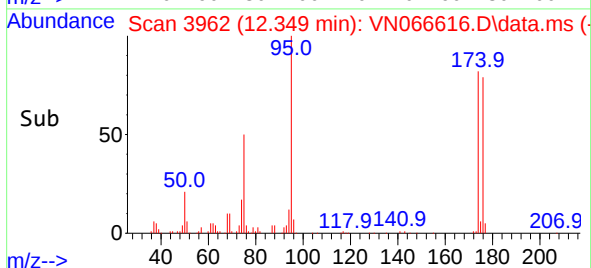
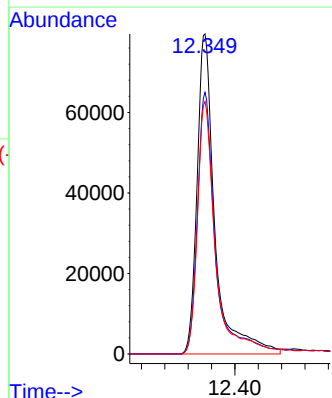
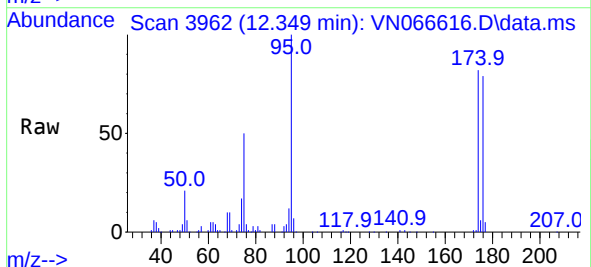
Instrument :
MSVOA_N
ClientSampleId :
TB41421

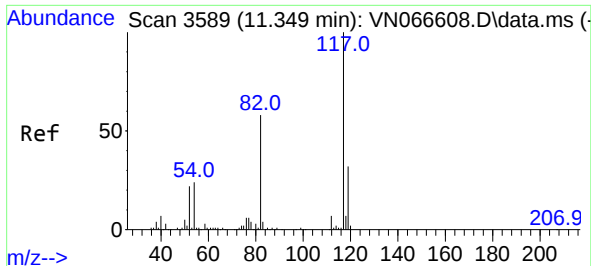
Tgt Ion: 98 Resp: 543255
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 47.29 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.005 min
Lab File: VN066616.D
Acq: 15 Apr 2021 17:07

Tgt Ion: 95 Resp: 169259
Ion Ratio Lower Upper
95 100
174 81.6 0.0 169.0
176 79.9 0.0 162.4

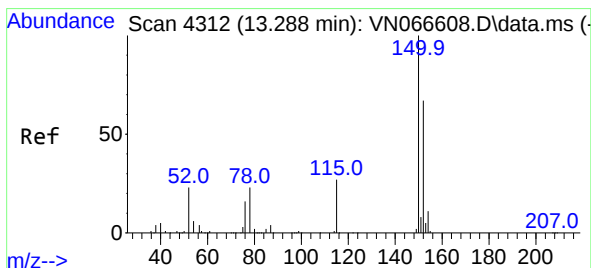
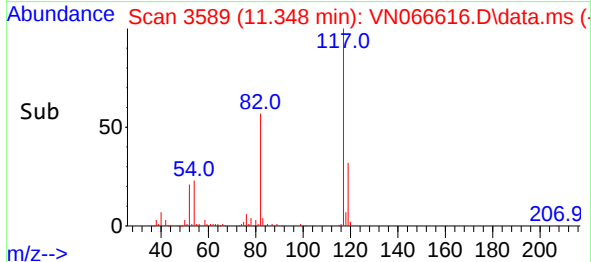
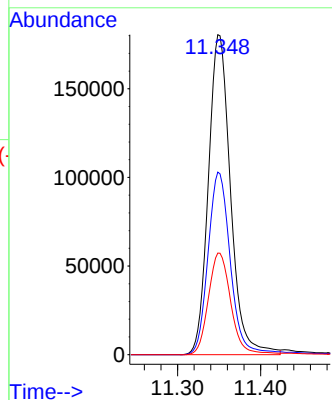
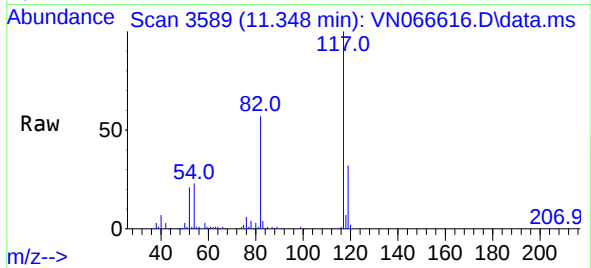




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066616.D
Acq: 15 Apr 2021 17:07

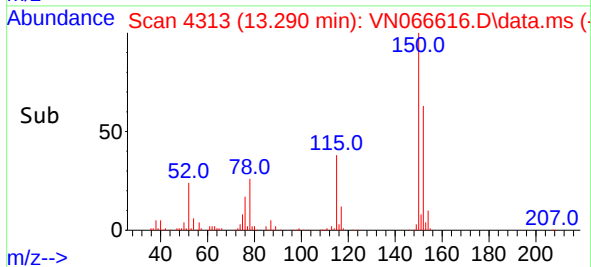
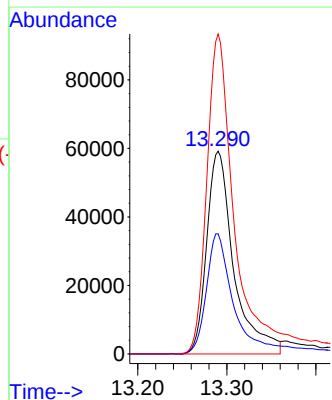
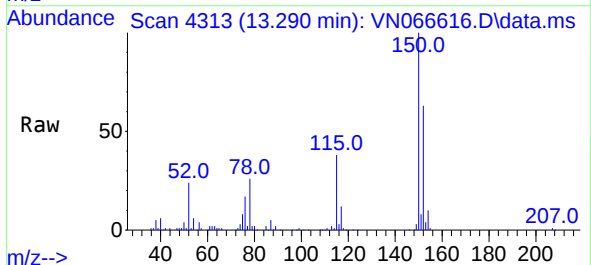
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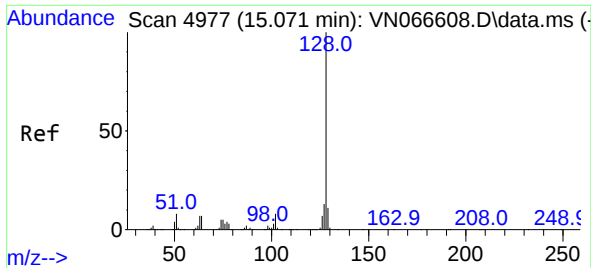
Tgt Ion:117 Resp: 334717
Ion Ratio Lower Upper
117 100
82 57.1 43.7 65.5
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.002 min
Lab File: VN066616.D
Acq: 15 Apr 2021 17:07

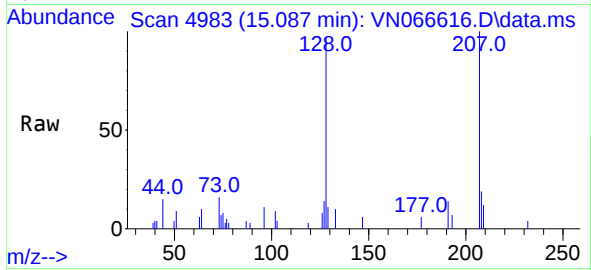
Tgt Ion:152 Resp: 125596
Ion Ratio Lower Upper
152 100
115 64.0 28.5 85.6
150 164.0 0.0 347.6





#95
Naphthalene
Concen: 2.87 ug/l
RT: 15.087 min Scan# 4983
Delta R.T. 0.016 min
Lab File: VN066616.D
Acq: 15 Apr 2021 17:07

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Tgt Ion:	128	Resp:	18389
Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.2	15.2
129	7.0	8.6	13.0#

