

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082321\
 Data File : VD070227.D
 Acq On : 23 Aug 2021 18:16
 Operator : VA/SY
 Sample : M3514-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-8-082021

Quant Time: Aug 24 01:32:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

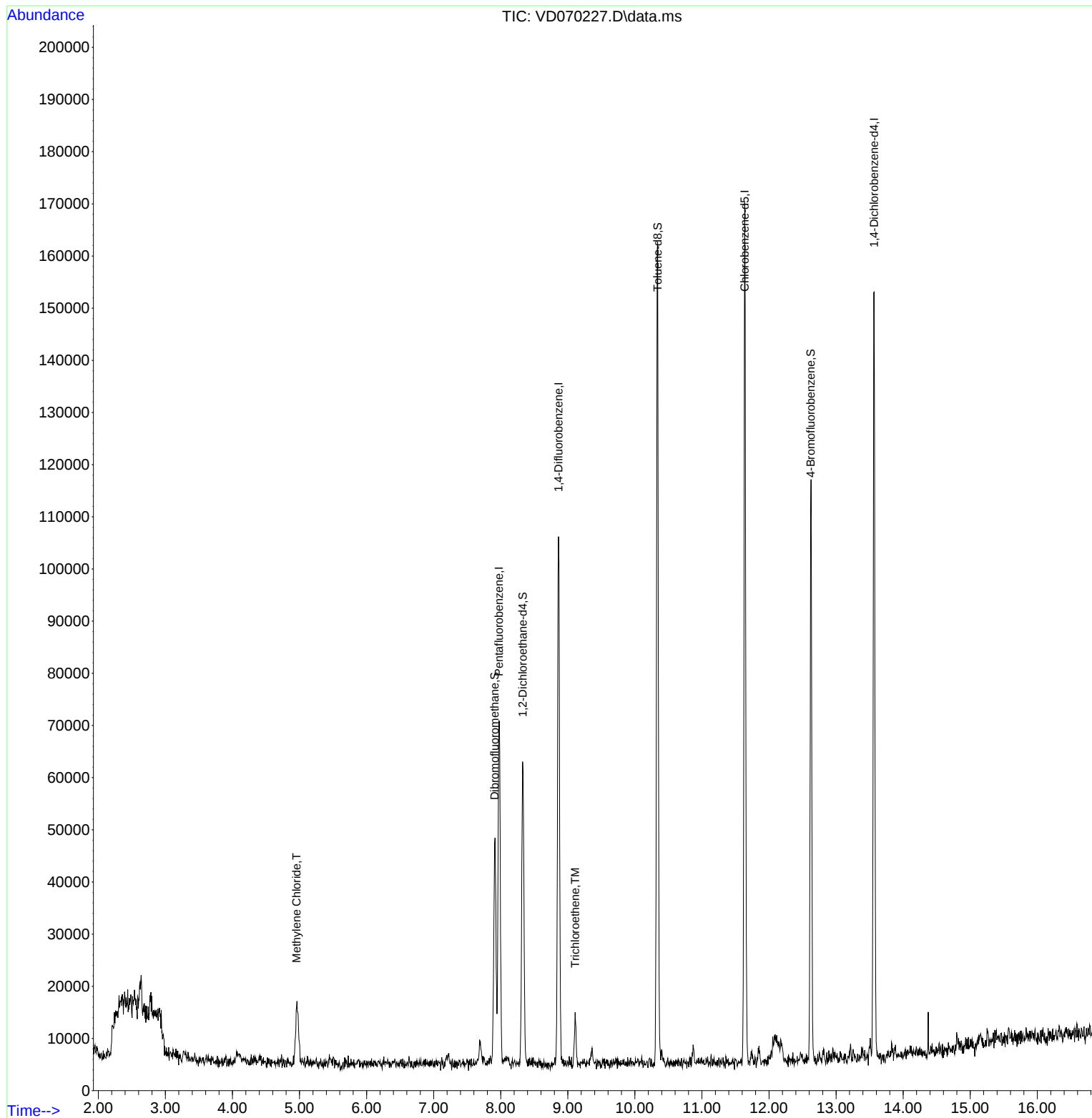
Internal Standards						
1) Pentafluorobenzene	7.973	168	46436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	87535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	94655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	40058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	47768	87.461	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 174.920%#	
35) Dibromofluoromethane	7.909	113	31760	56.159	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.320%	
50) Toluene-d8	10.338	98	111630	50.750	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.500%	
62) 4-Bromofluorobenzene	12.620	95	37447	51.687	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.380%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.956	84	9254	6.385	ug/l #	80
44) Trichloroethene	9.108	130	3781	5.730	ug/l	59

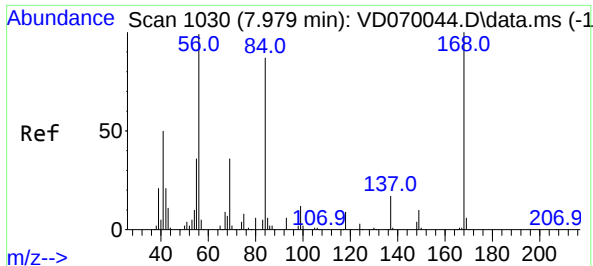
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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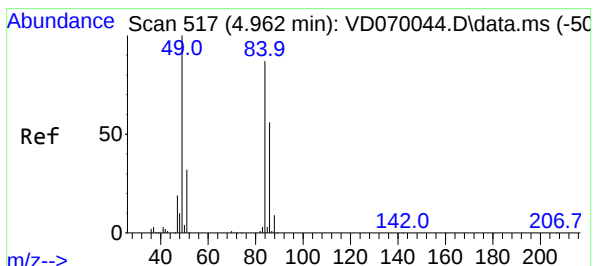
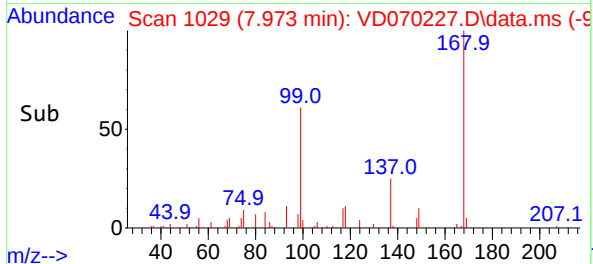
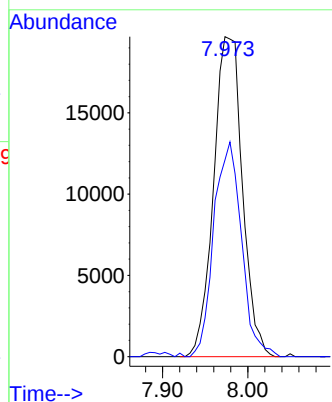
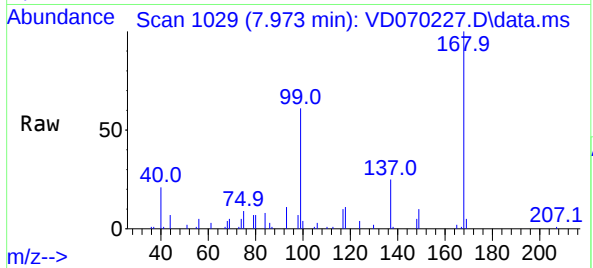




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070227.D
Acq: 23 Aug 2021 18:16

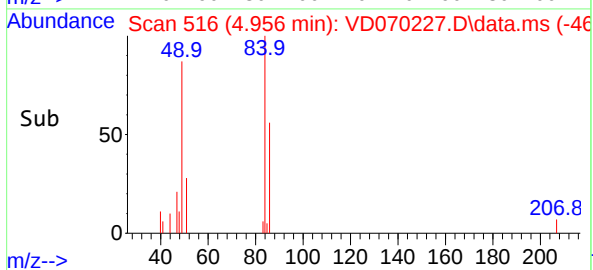
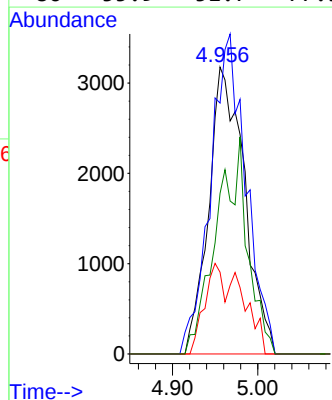
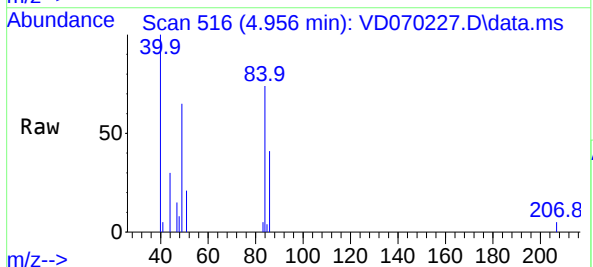
Instrument :
MSVOA_D
ClientSampleId :
NB-8-082021

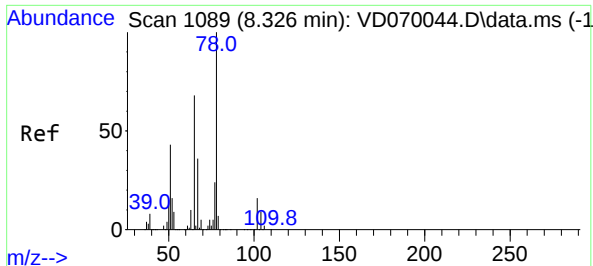
Tgt Ion:168 Resp: 46436
Ion Ratio Lower Upper
168 100
99 61.5 50.3 75.5



#20
Methylene Chloride
Concen: 6.385 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070227.D
Acq: 23 Aug 2021 18:16

Tgt Ion: 84 Resp: 9254
Ion Ratio Lower Upper
84 100
49 87.5 92.5 138.7#
51 28.5 29.7 44.5#
86 55.9 51.7 77.5

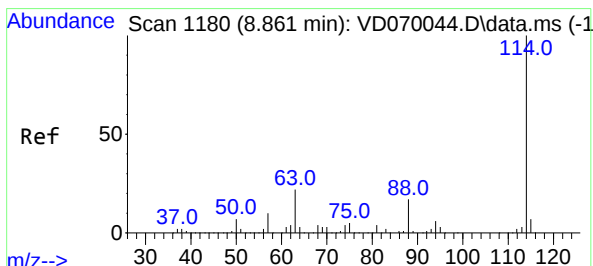
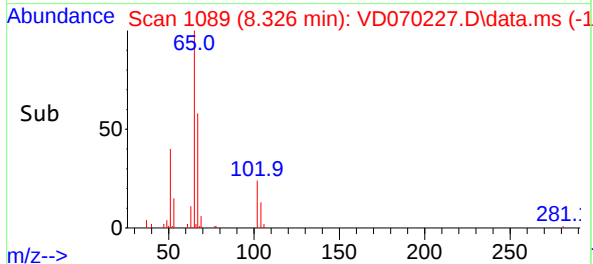
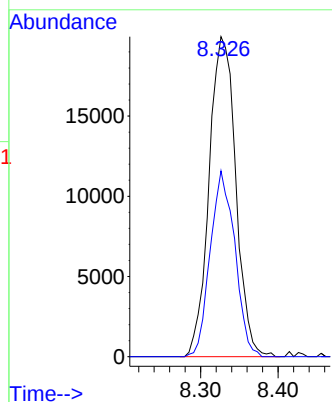
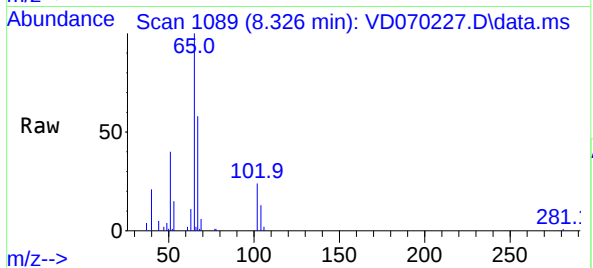




#33
1,2-Dichloroethane-d4
Concen: 87.461 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070227.D
Acq: 23 Aug 2021 18:16

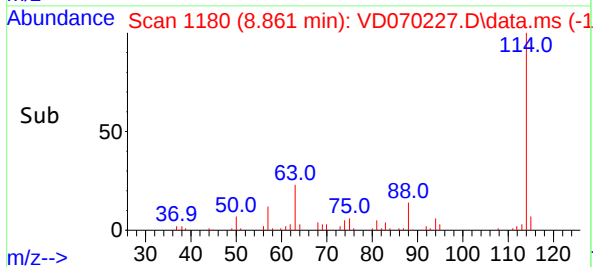
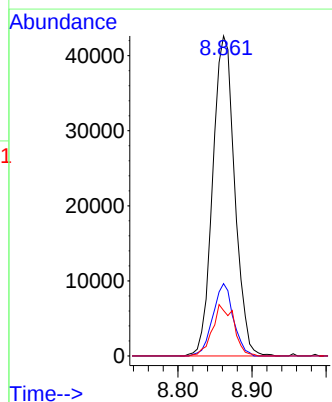
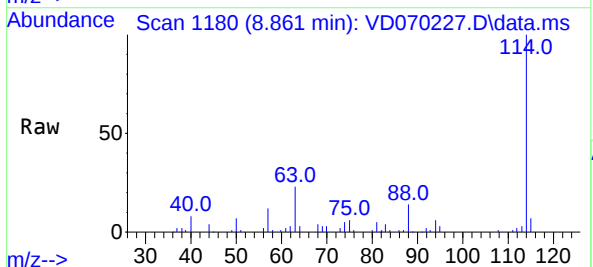
Instrument :
MSVOA_D
ClientSampleId :
NB-8-082021

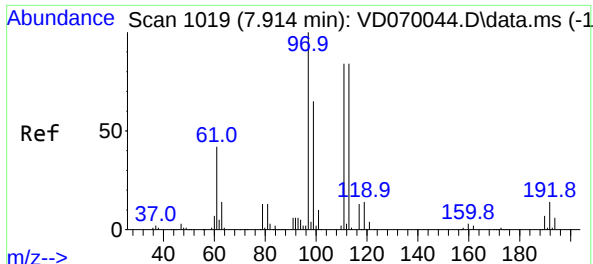
Tgt Ion: 65 Resp: 47768
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070227.D
Acq: 23 Aug 2021 18:16

Tgt Ion: 114 Resp: 87535
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.6
88 14.2 0.0 33.4

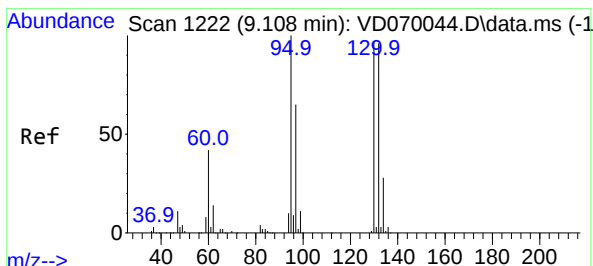
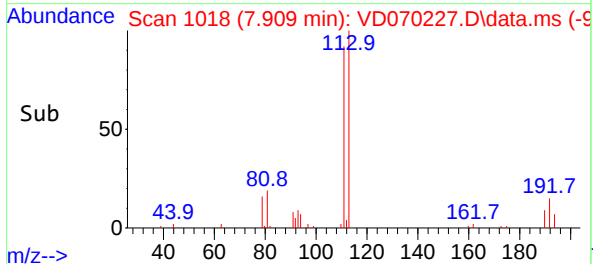
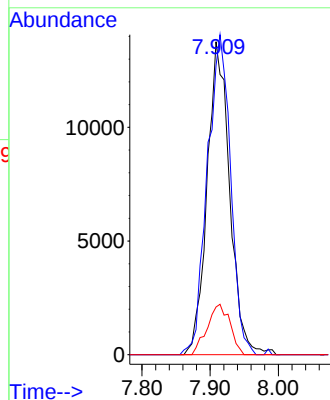
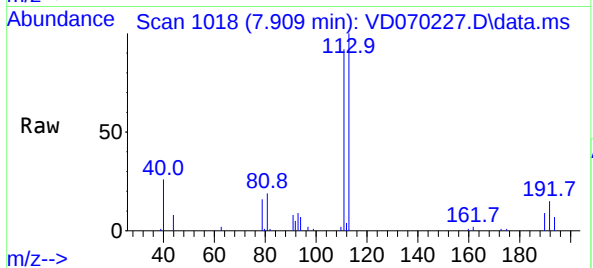




#35
Dibromofluoromethane
Concen: 56.159 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070227.D
Acq: 23 Aug 2021 18:16

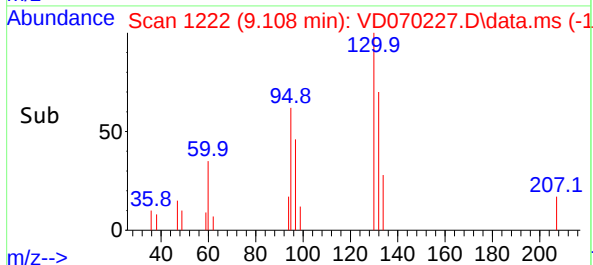
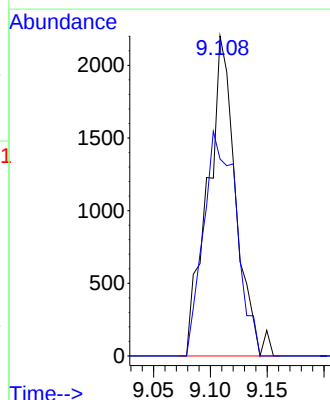
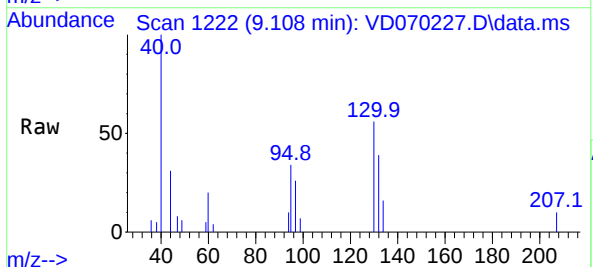
Instrument :
MSVOA_D
ClientSampleId :
NB-8-082021

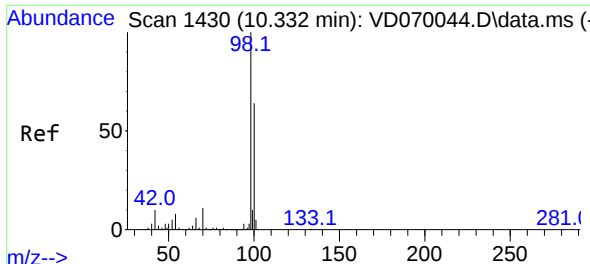
Tgt Ion:113 Resp: 31760
Ion Ratio Lower Upper
113 100
111 105.1 81.8 122.6
192 16.2 13.2 19.8



#44
Trichloroethene
Concen: 5.730 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070227.D
Acq: 23 Aug 2021 18:16

Tgt Ion:130 Resp: 3781
Ion Ratio Lower Upper
130 100
95 61.5 0.0 206.4

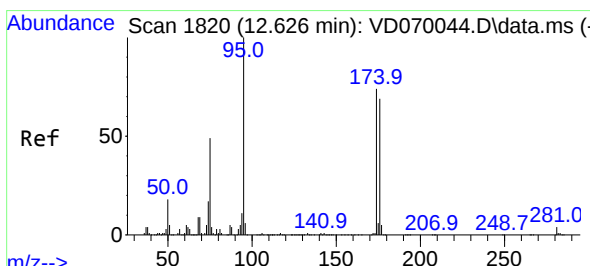
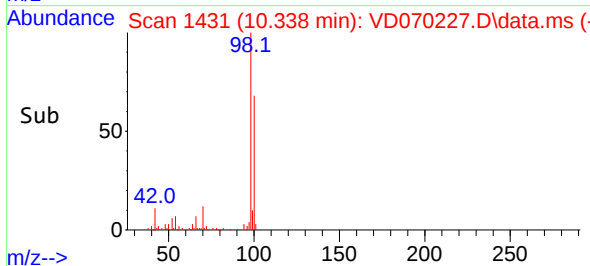
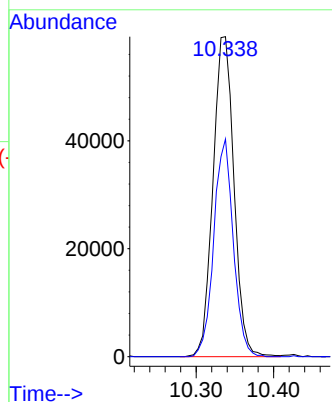
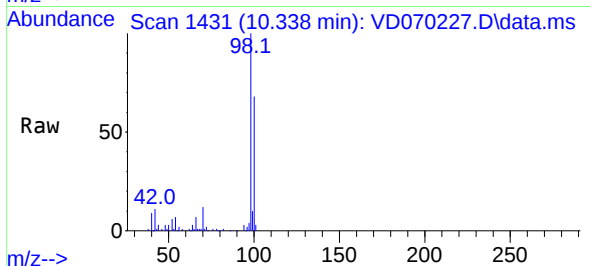




#50
Toluene-d8
Concen: 50.750 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070227.D
Acq: 23 Aug 2021 18:16

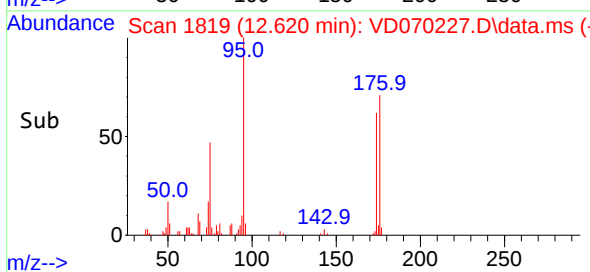
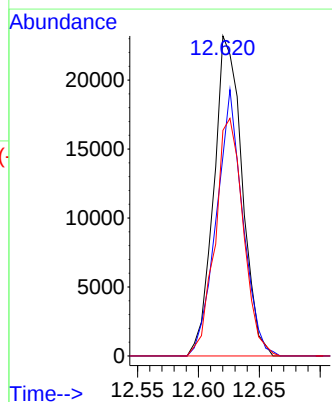
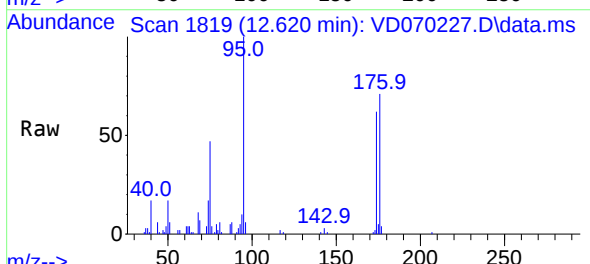
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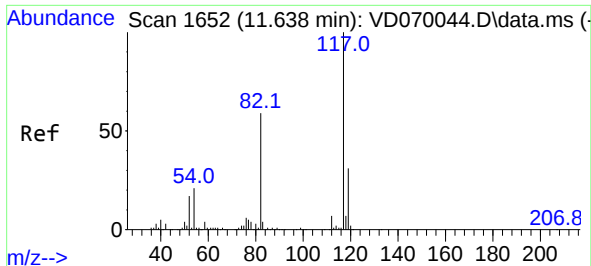
Tgt Ion: 98 Resp: 111630
Ion Ratio Lower Upper
98 100
100 63.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.687 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070227.D
Acq: 23 Aug 2021 18:16

Tgt Ion: 95 Resp: 37447
Ion Ratio Lower Upper
95 100
174 77.6 0.0 141.6
176 74.2 0.0 138.2

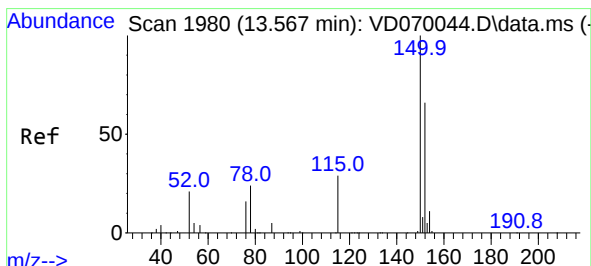
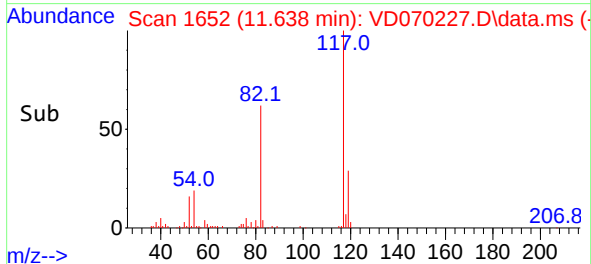
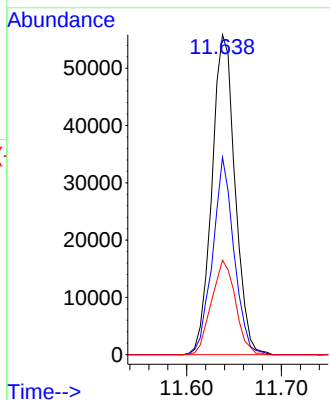
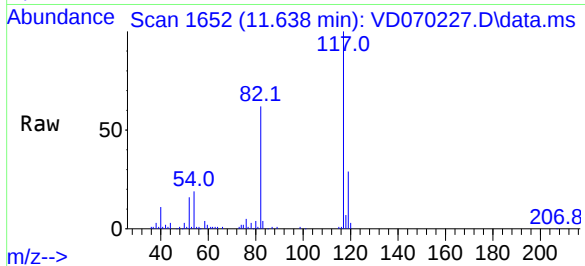




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070227.D
Acq: 23 Aug 2021 18:16

Instrument :
MSVOA_D
ClientSampleId :
NB-8-082021

Tgt Ion:	117	Resp:	94655
Ion Ratio	Lower	Upper	
117	100		
82	61.7	47.5	71.3
119	29.5	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070227.D
Acq: 23 Aug 2021 18:16

Tgt Ion:	152	Resp:	40058
Ion Ratio	Lower	Upper	
152	100		
115	60.4	31.2	93.6
150	159.7	0.0	352.0

