

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092221\
 Data File : VD070434.D
 Acq On : 22 Sep 2021 18:44
 Operator : VA/SY
 Sample : M3867-04RE
 Misc : 7.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-(5.0-6.0)RE

Quant Time: Sep 23 05:35:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

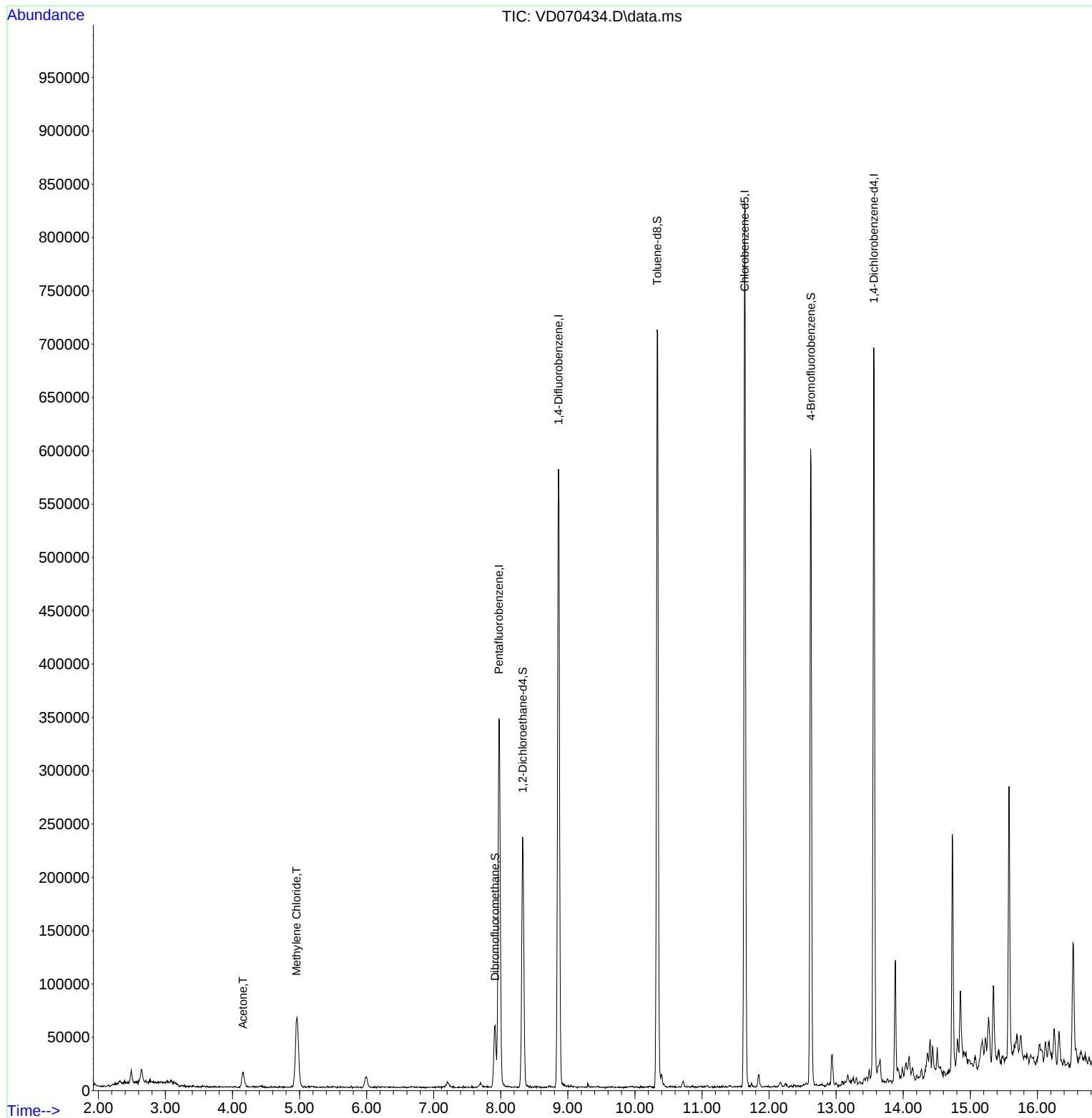
Internal Standards						
1) Pentafluorobenzene	7.973	168	253520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	505913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	485723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	186260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	181822	55.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.700%
35) Dibromofluoromethane	7.914	113	44309	12.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	24.600%#
50) Toluene-d8	10.332	98	513824	39.298	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.600%
62) 4-Bromofluorobenzene	12.626	95	160888	35.209	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.420%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	23602	40.611	ug/l	95
20) Methylene Chloride	4.956	84	56483	9.748	ug/l	90

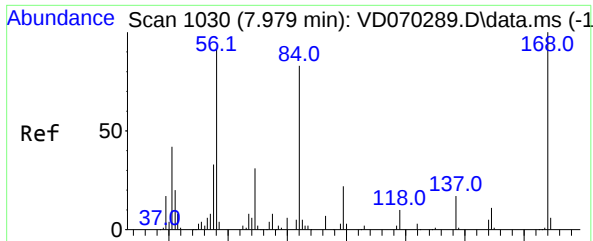
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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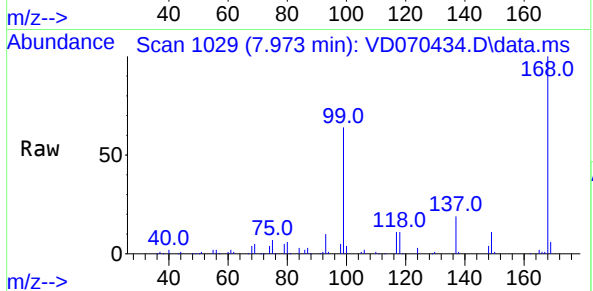
Quant Time: Sep 23 05:35:17 2021
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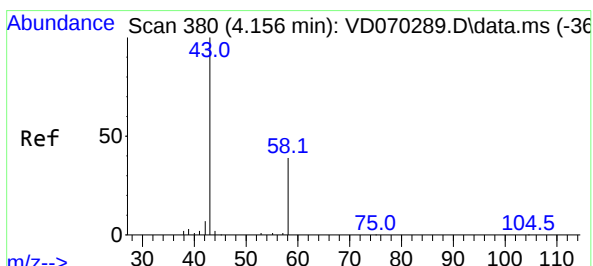
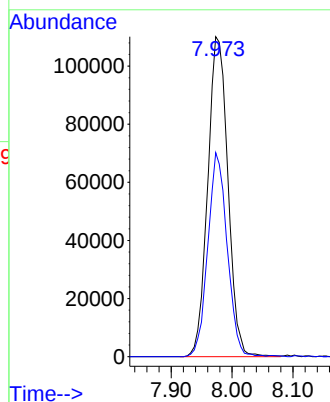
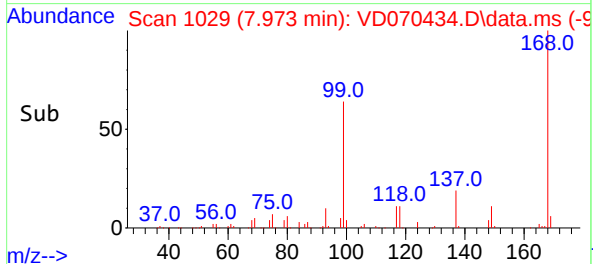


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070434.D
Acq: 22 Sep 2021 18:44

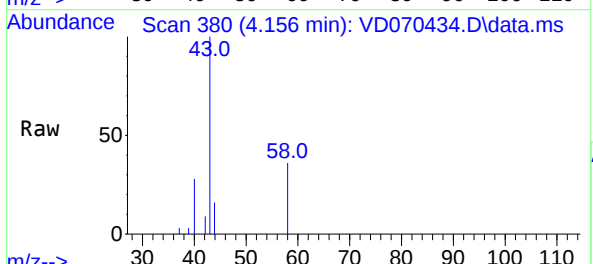
Instrument :
MSVOA_D
ClientSampleId :
SB-4-(5.0-6.0)RE



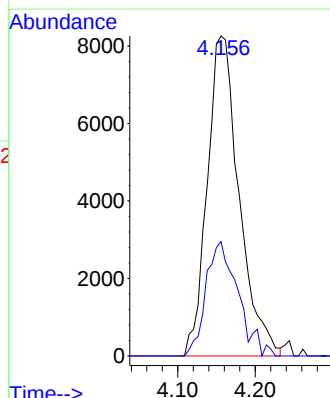
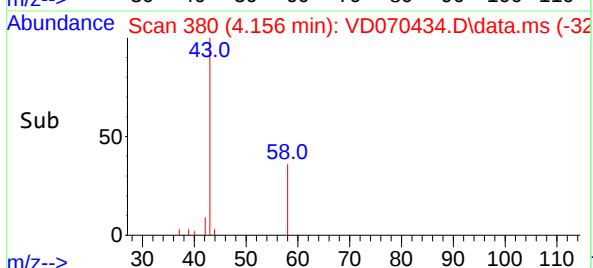
Tgt Ion:168 Resp: 253520
Ion Ratio Lower Upper
168 100
99 63.7 50.8 76.2

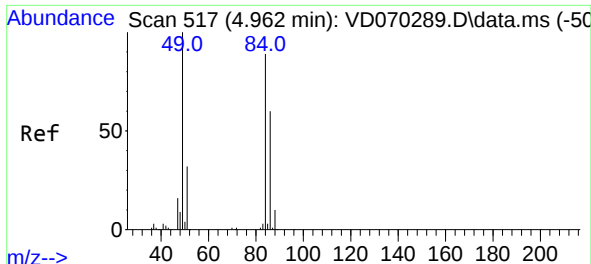


#16
Acetone
Concen: 40.611 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070434.D
Acq: 22 Sep 2021 18:44



Tgt Ion: 43 Resp: 23602
Ion Ratio Lower Upper
43 100
58 35.7 30.9 46.3

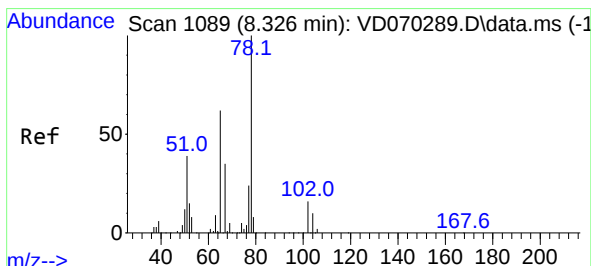
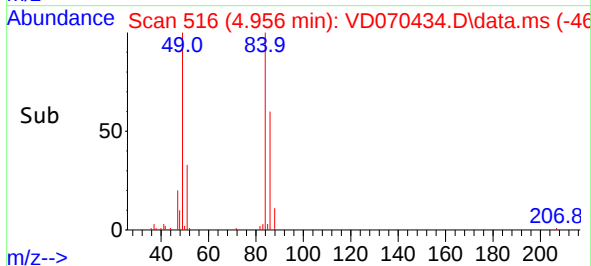
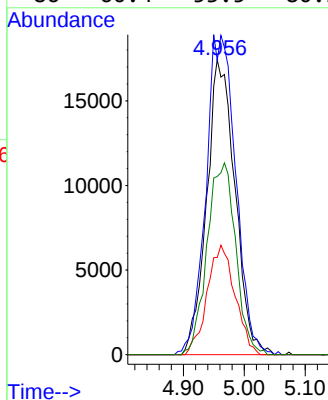
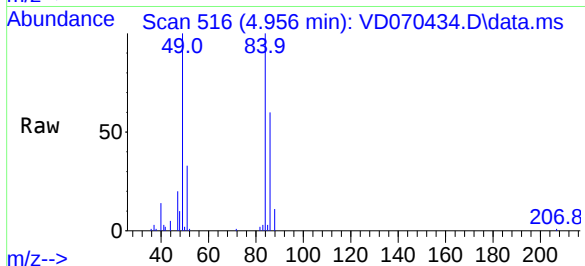




#20
Methylene Chloride
Concen: 9.748 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070434.D
Acq: 22 Sep 2021 18:44

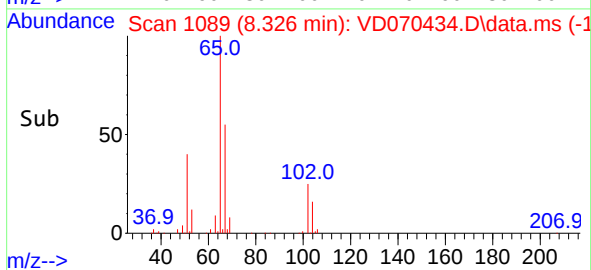
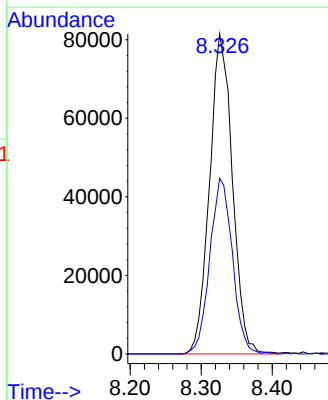
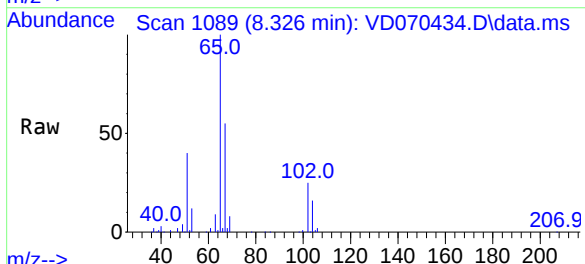
Instrument :
MSVOA_D
ClientSampleId :
SB-4-(5.0-6.0)RE

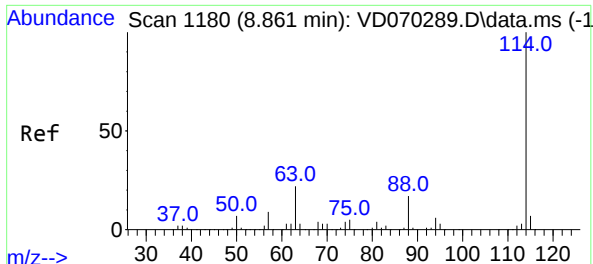
Tgt Ion:	84	Resp:	56483
Ion	Ratio	Lower	Upper
84	100		
49	98.8	89.6	134.4
51	33.0	28.6	43.0
86	60.4	53.5	80.3



#33
1,2-Dichloroethane-d4
Concen: 55.855 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070434.D
Acq: 22 Sep 2021 18:44

Tgt Ion:	65	Resp:	181822
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	111.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070434.D

Acq: 22 Sep 2021 18:44

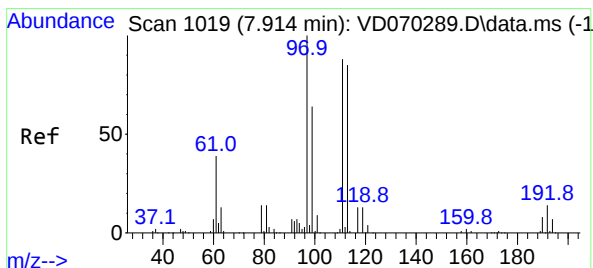
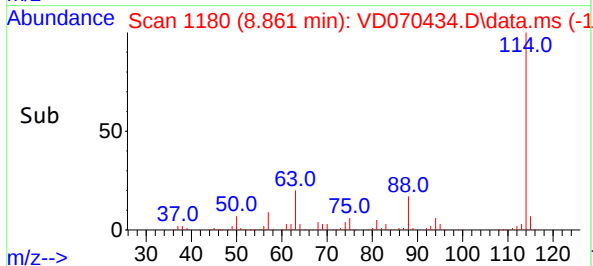
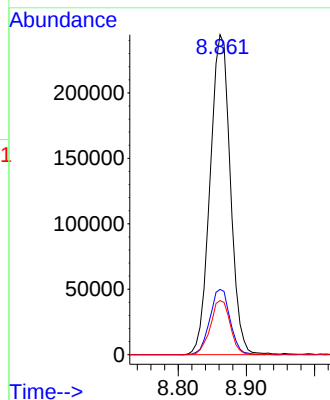
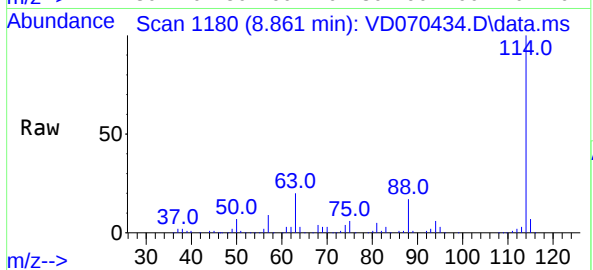
Tgt Ion:114 Resp: 505913

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.4

88 16.9 0.0 33.4



#35

Dibromofluoromethane

Concen: 12.304 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070434.D

Acq: 22 Sep 2021 18:44

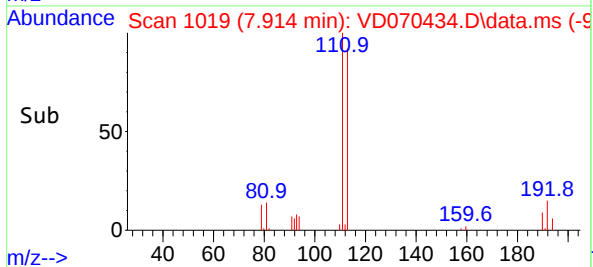
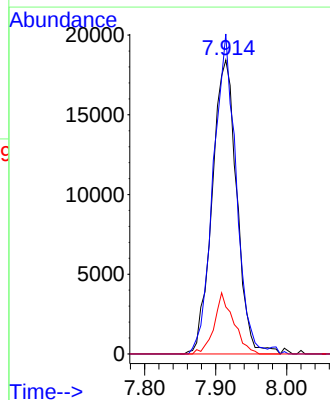
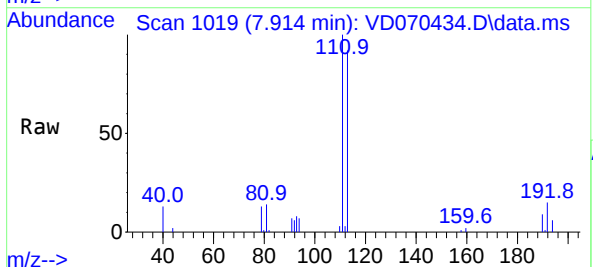
Tgt Ion:113 Resp: 44309

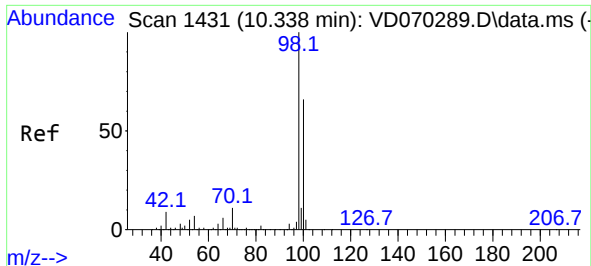
Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.2

192 16.4 13.0 19.6

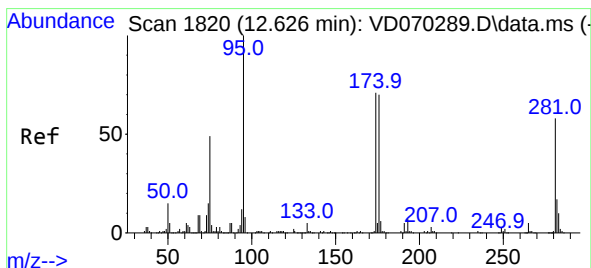
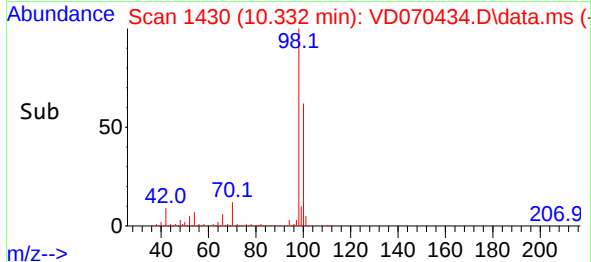
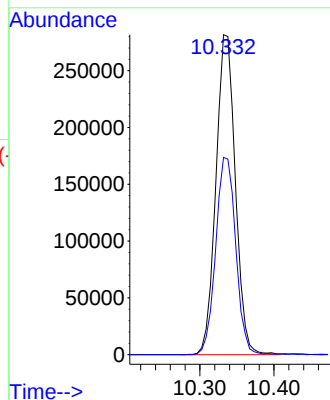
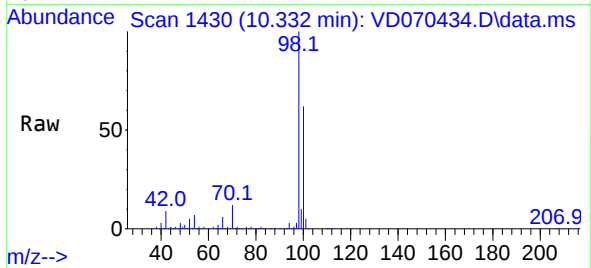




#50
Toluene-d8
Concen: 39.298 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070434.D
Acq: 22 Sep 2021 18:44

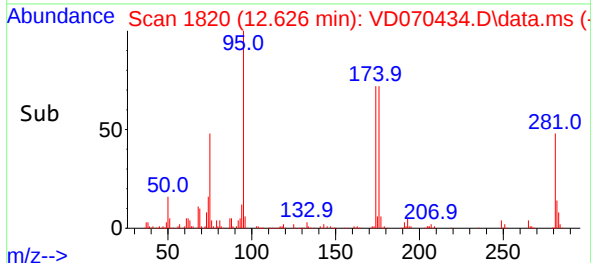
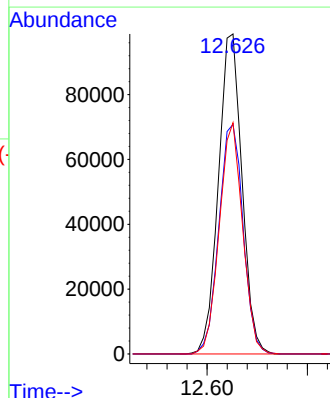
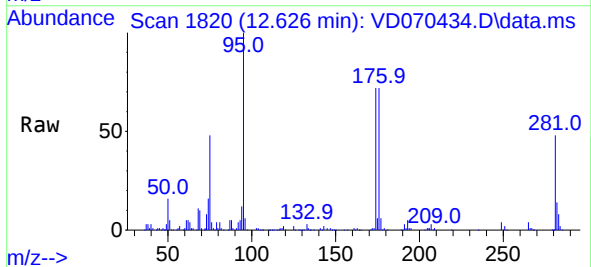
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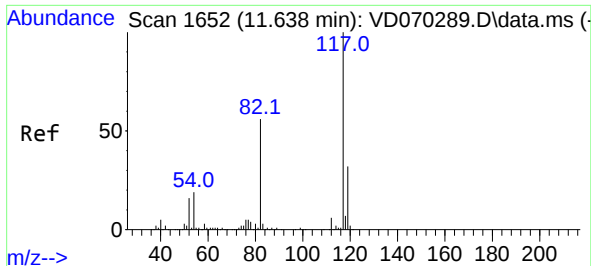
Tgt Ion: 98 Resp: 513824
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.209 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070434.D
Acq: 22 Sep 2021 18:44

Tgt Ion: 95 Resp: 160888
Ion Ratio Lower Upper
95 100
174 73.8 0.0 140.6
176 71.2 0.0 137.4

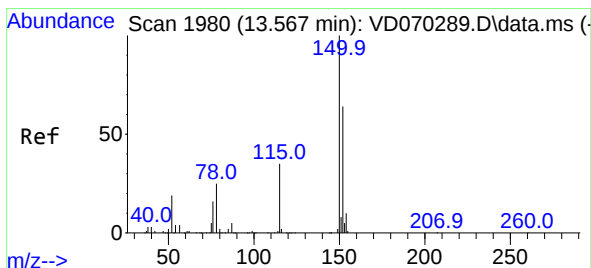
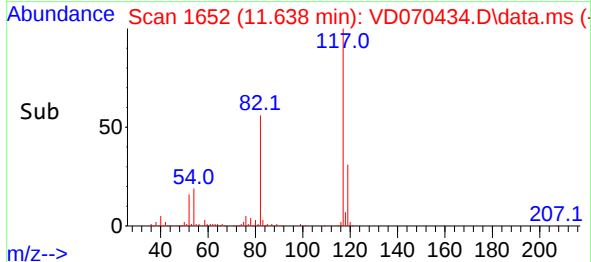
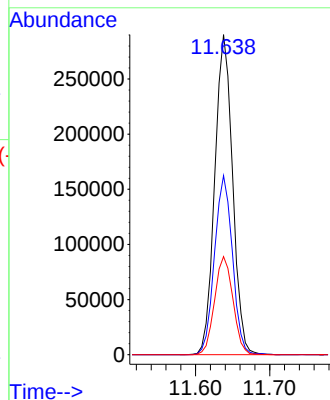
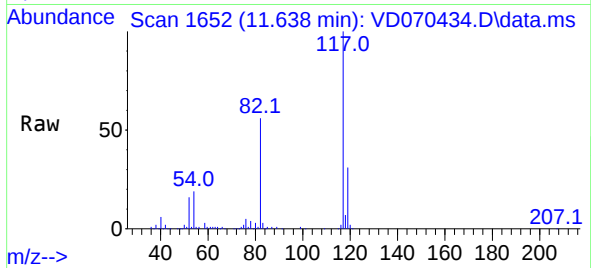




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070434.D
Acq: 22 Sep 2021 18:44

Instrument :
MSVOA_D
ClientSampleId :
SB-4-(5.0-6.0)RE

Tgt Ion:117 Resp: 485723
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 30.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070434.D
Acq: 22 Sep 2021 18:44

Tgt Ion:152 Resp: 186260
Ion Ratio Lower Upper
152 100
115 59.9 32.1 96.3
150 156.1 0.0 350.6

