

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069757.D
 Acq On : 19 Jul 2021 17:47
 Operator : VA/SY
 Sample : M3039-07
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-9.5-10.0

Quant Time: Jul 20 02:14:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

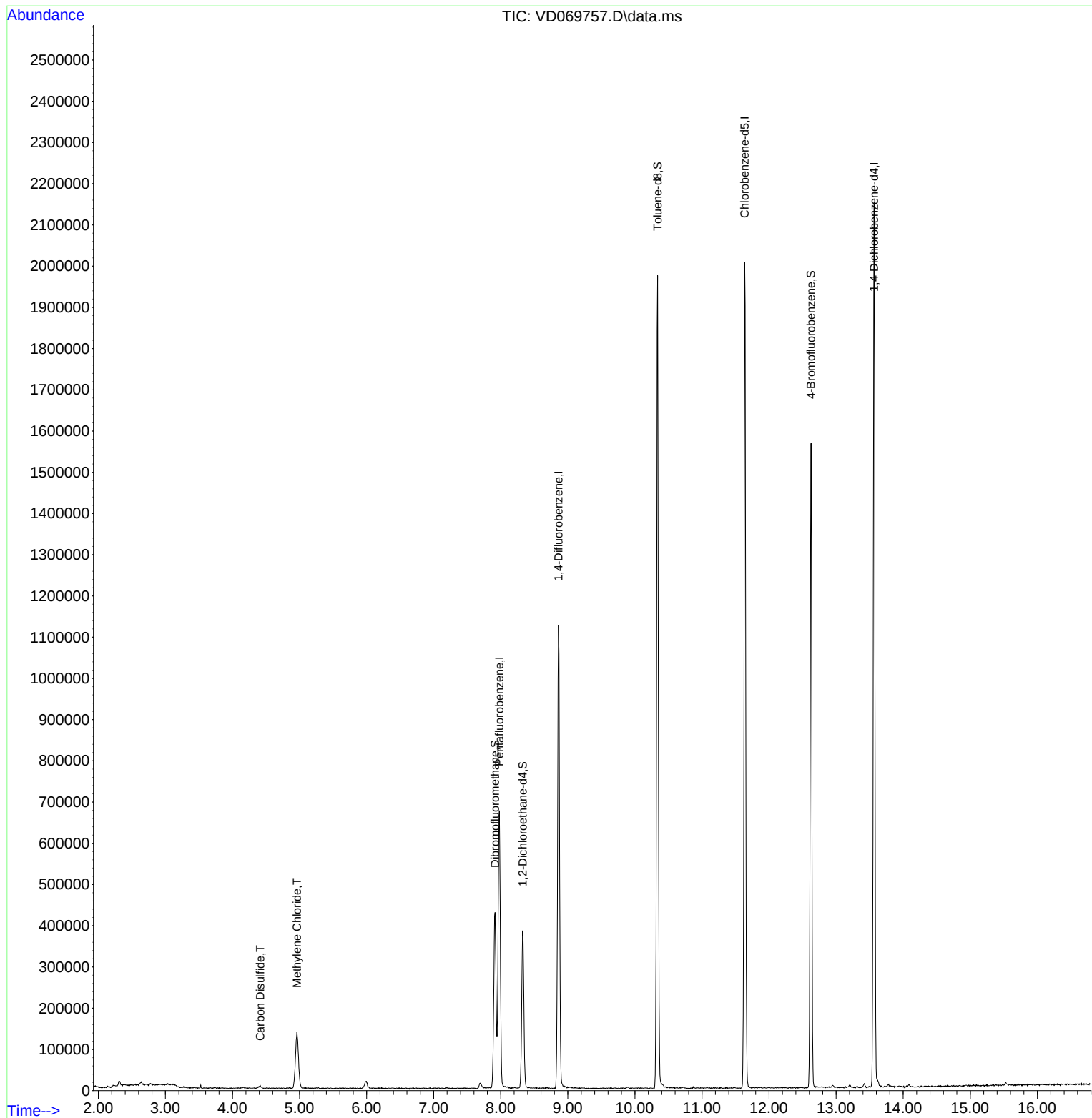
Internal Standards						
1) Pentafluorobenzene	7.979	168	481661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	967265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	1150790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	550511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	300058	49.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.780%
35) Dibromofluoromethane	7.914	113	316089	48.710	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.420%
50) Toluene-d8	10.337	98	1321686	52.426	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.860%
62) 4-Bromofluorobenzene	12.626	95	535619	63.704	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	127.400%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.414	76	11191	1.034	ug/l #	90
20) Methylene Chloride	4.961	84	106420	8.256	ug/l	96

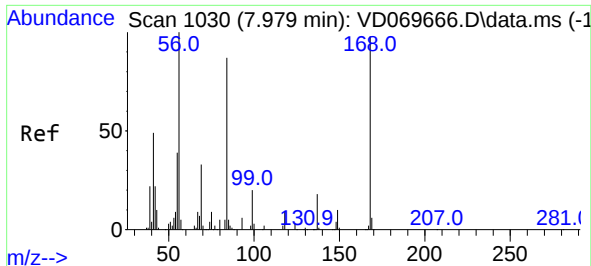
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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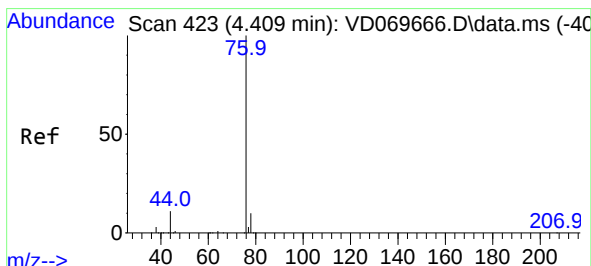
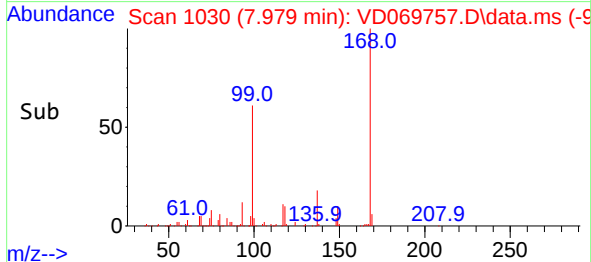
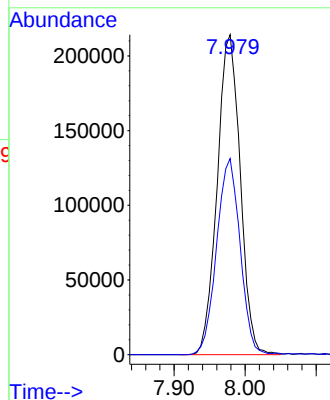
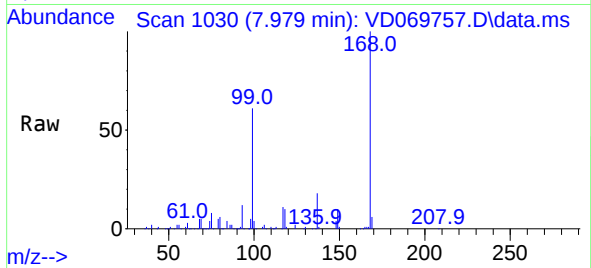




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069757.D
Acq: 19 Jul 2021 17:47

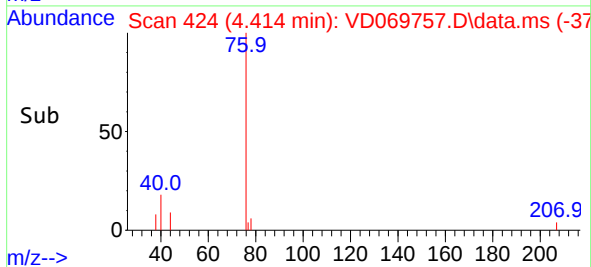
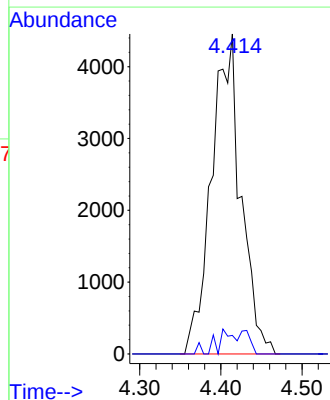
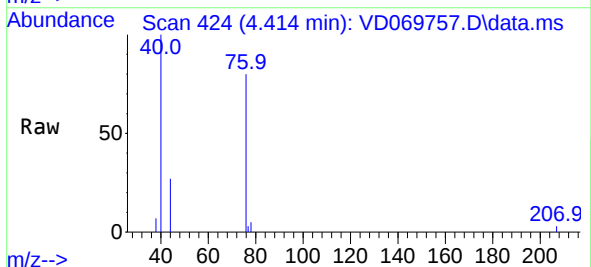
Instrument :
MSVOA_D
ClientSampleId :
SB-03-9.5-10.0

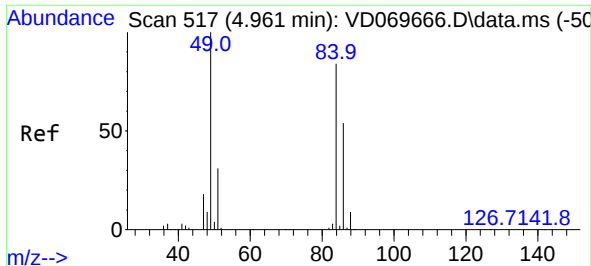
Tgt Ion:168 Resp: 481661
Ion Ratio Lower Upper
168 100
99 61.3 51.8 77.6



#17
Carbon Disulfide
Concen: 1.034 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.005 min
Lab File: VD069757.D
Acq: 19 Jul 2021 17:47

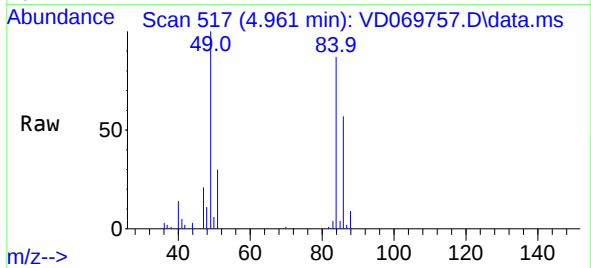
Tgt Ion: 76 Resp: 11191
Ion Ratio Lower Upper
76 100
78 5.8 7.6 11.4#





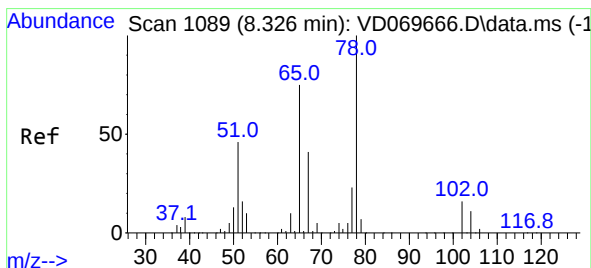
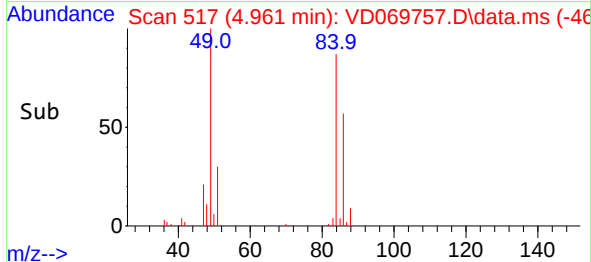
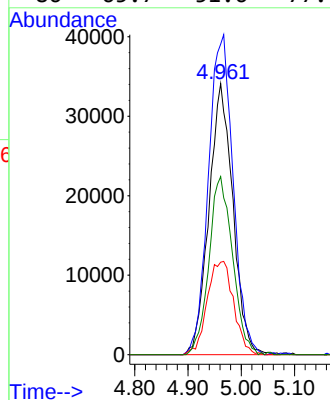
#20
Methylene Chloride
Concen: 8.256 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD069757.D
Acq: 19 Jul 2021 17:47

Instrument :
MSVOA_D
ClientSampleId :
SB-03-9.5-10.0



Tgt Ion: 84 Resp: 106420

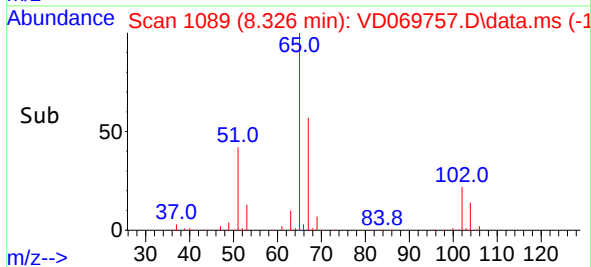
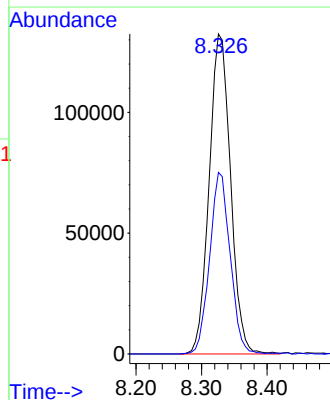
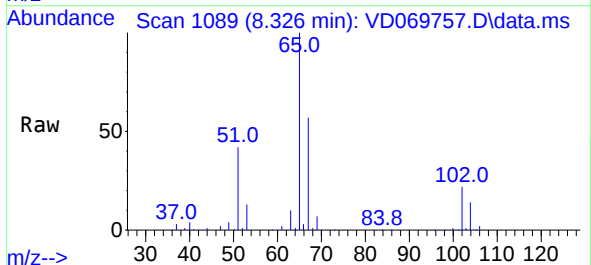
Ion	Ratio	Lower	Upper
84	100		
49	114.6	95.5	143.3
51	34.1	29.7	44.5
86	65.7	51.6	77.4

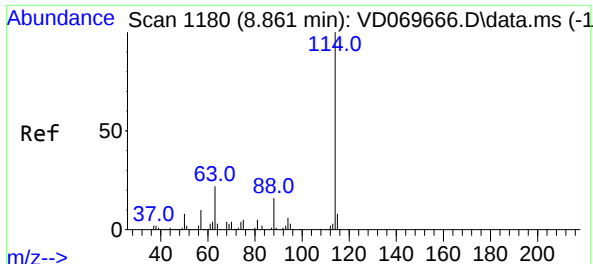


#33
1,2-Dichloroethane-d4
Concen: 49.892 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069757.D
Acq: 19 Jul 2021 17:47

Tgt Ion: 65 Resp: 300058

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	107.2



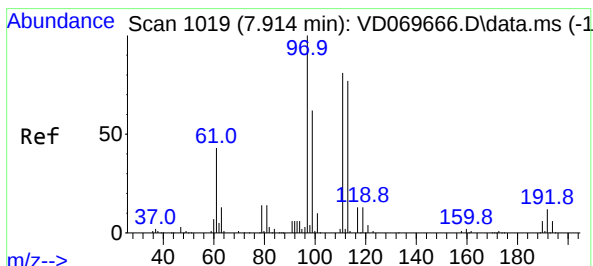
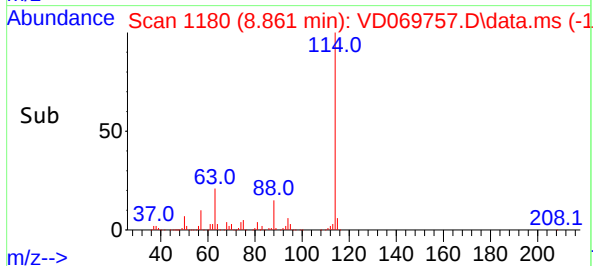
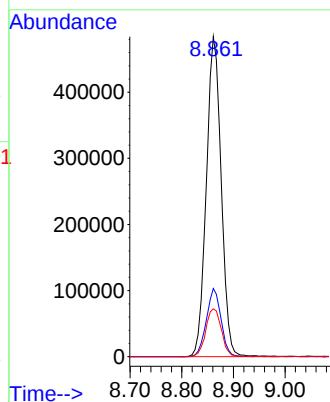
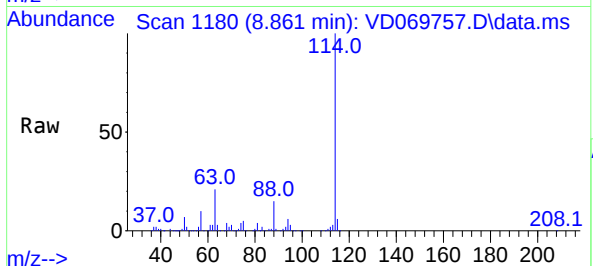


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069757.D
Acq: 19 Jul 2021 17:47

Instrument :
MSVOA_D
ClientSampleId :
SB-03-9.5-10.0

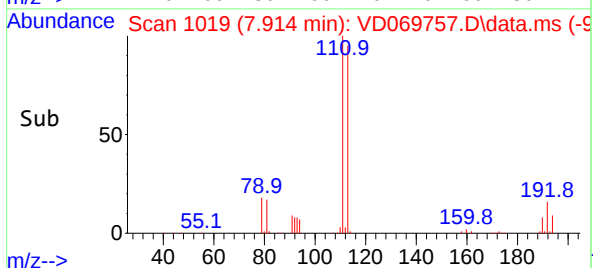
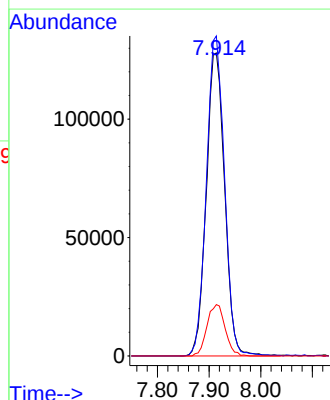
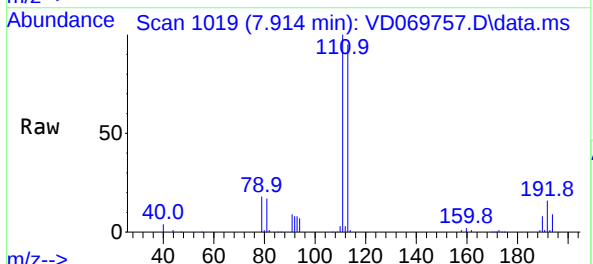
Tgt Ion:114 Resp: 967265
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.4
88 14.9 0.0 32.0

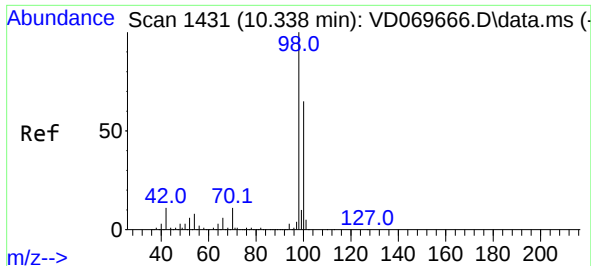


#35

Dibromofluoromethane
Concen: 48.710 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069757.D
Acq: 19 Jul 2021 17:47

Tgt Ion:113 Resp: 316089
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 16.7 12.7 19.1

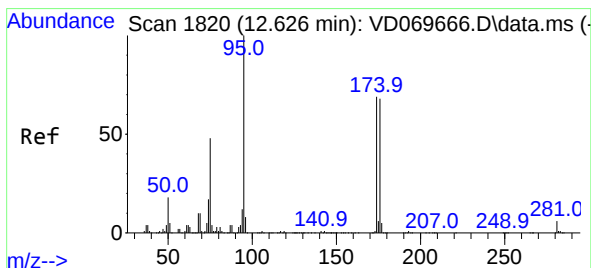
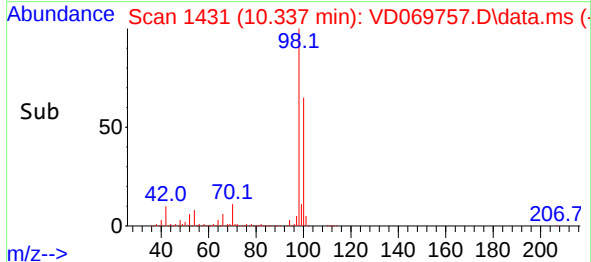
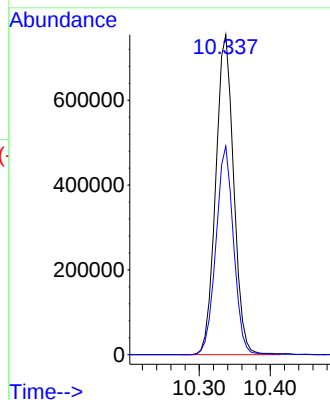
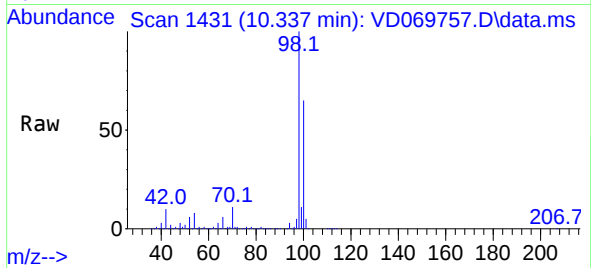




#50
Toluene-d8
Concen: 52.426 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069757.D
Acq: 19 Jul 2021 17:47

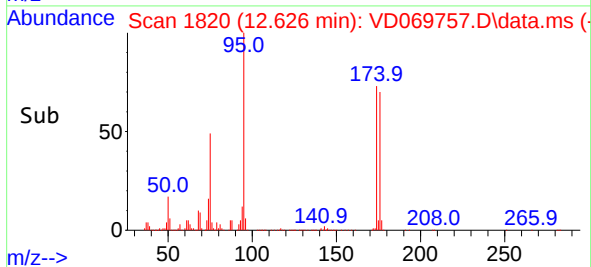
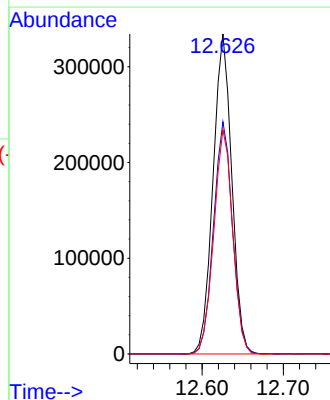
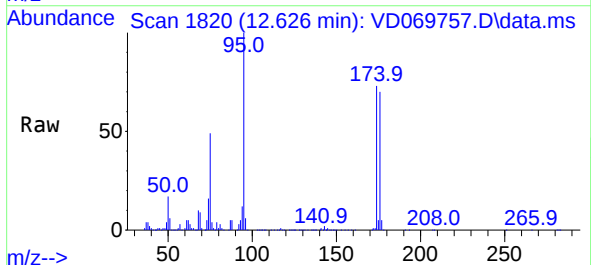
Instrument :
MSVOA_D
ClientSampleId :
SB-03-9.5-10.0

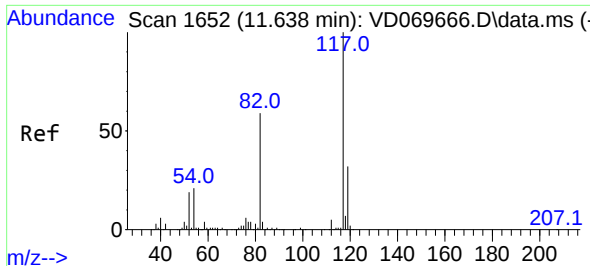
Tgt Ion: 98 Resp: 1321686
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 63.704 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069757.D
Acq: 19 Jul 2021 17:47

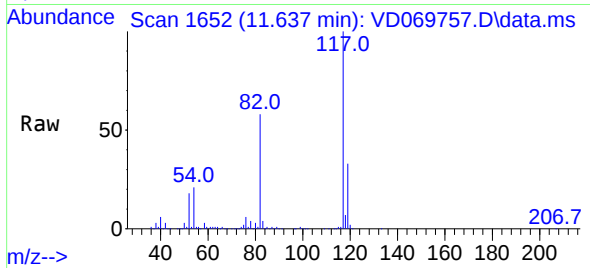
Tgt Ion: 95 Resp: 535619
Ion Ratio Lower Upper
95 100
174 73.4 0.0 140.0
176 70.7 0.0 136.2



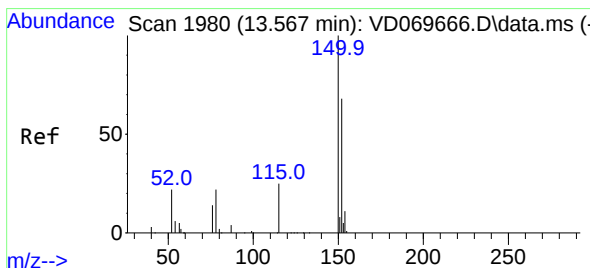
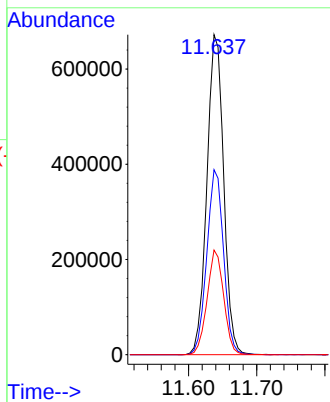
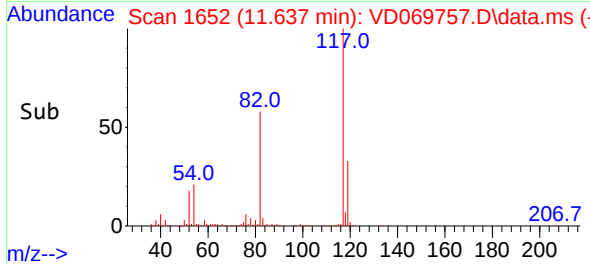


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD069757.D
Acq: 19 Jul 2021 17:47

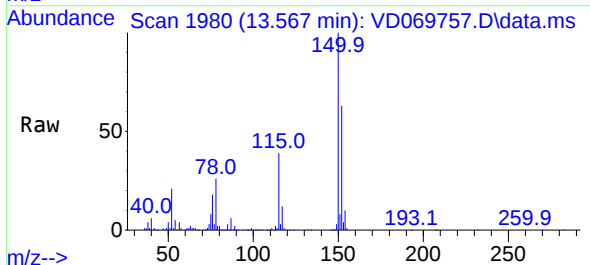
Instrument :
MSVOA_D
ClientSampleId :
SB-03-9.5-10.0



Tgt Ion:117 Resp: 1150790
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069757.D
Acq: 19 Jul 2021 17:47



Tgt Ion:152 Resp: 550511
Ion Ratio Lower Upper
152 100
115 62.5 31.7 95.1
150 159.1 0.0 350.4

