

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072274.D
 Acq On : 18 Mar 2022 06:43
 Operator : VA/SY
 Sample : N1994-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-4.5-5.0

Quant Time: Mar 18 08:35:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

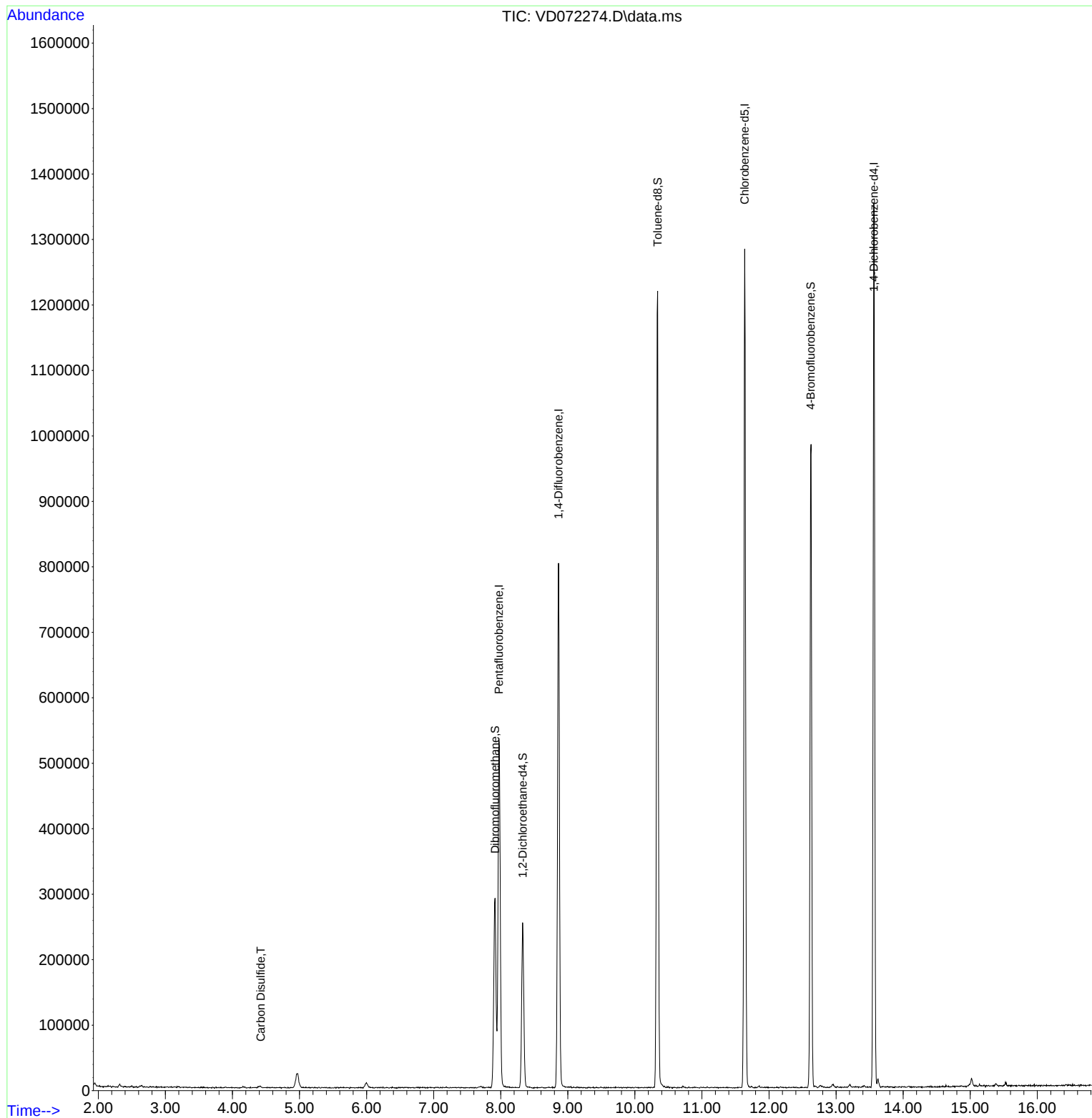
Internal Standards						
1) Pentafluorobenzene	7.973	168	387947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.862	114	661843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	715590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	356725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197883	45.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.540%
35) Dibromofluoromethane	7.915	113	210783	45.257	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.520%
50) Toluene-d8	10.338	98	831873	48.848	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.620	95	338645	51.177	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.360%
Target Compounds						
17) Carbon Disulfide	4.421	76	4730	2.052	ug/l	# 83

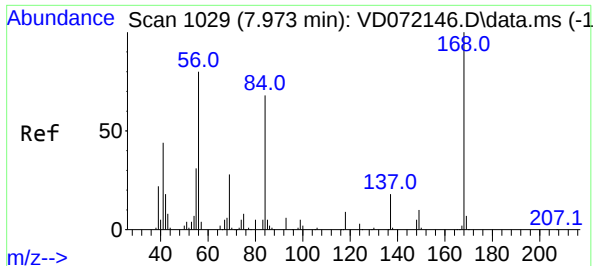
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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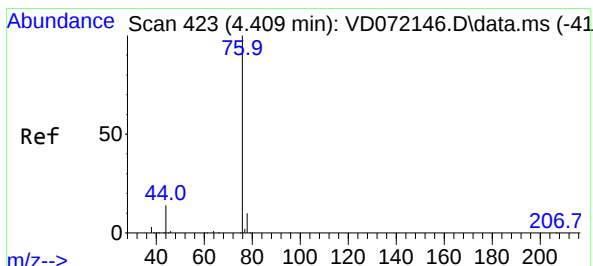
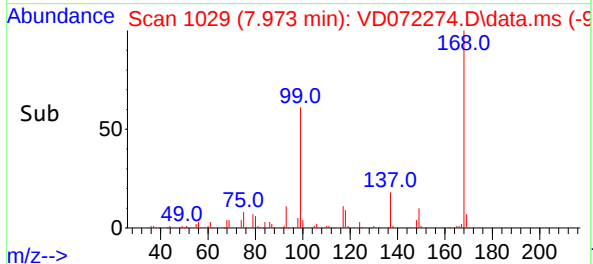
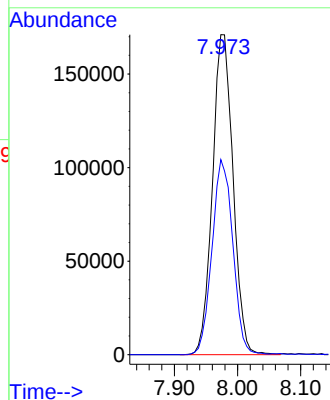
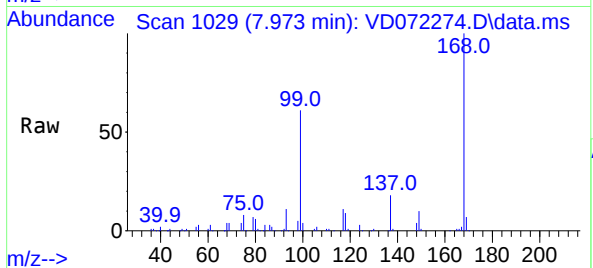




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072274.D
Acq: 18 Mar 2022 06:43

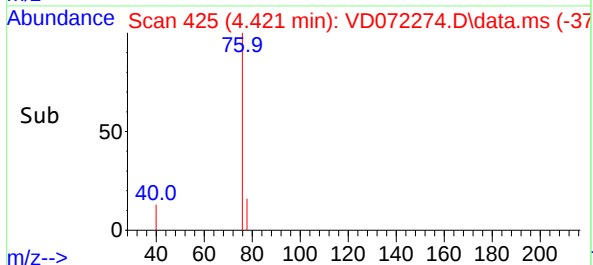
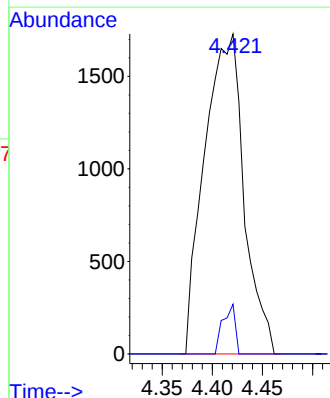
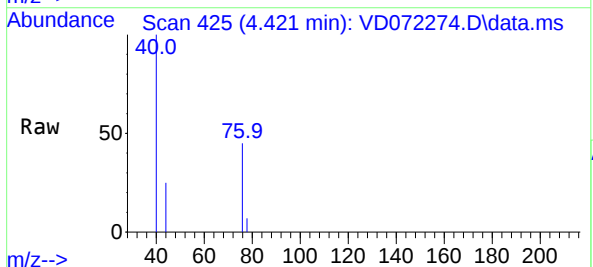
Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.5-5.0

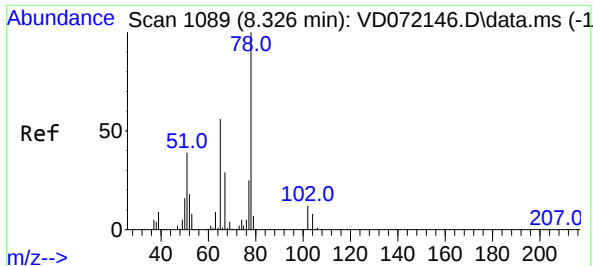
Tgt Ion:168 Resp: 387947
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#17
Carbon Disulfide
Concen: 2.052 ug/l
RT: 4.421 min Scan# 425
Delta R.T. 0.012 min
Lab File: VD072274.D
Acq: 18 Mar 2022 06:43

Tgt Ion: 76 Resp: 4730
Ion Ratio Lower Upper
76 100
78 15.6 7.5 11.3#





#33

1,2-Dichloroethane-d4

Concen: 45.770 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072274.D

Acq: 18 Mar 2022 06:43

Instrument :

MSVOA_D

ClientSampleId :

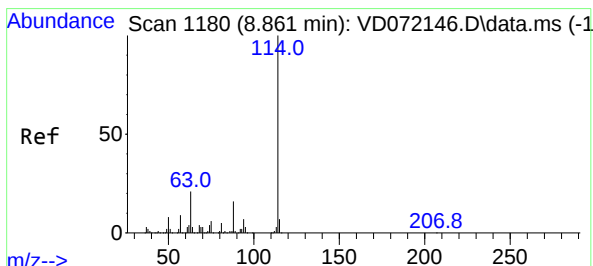
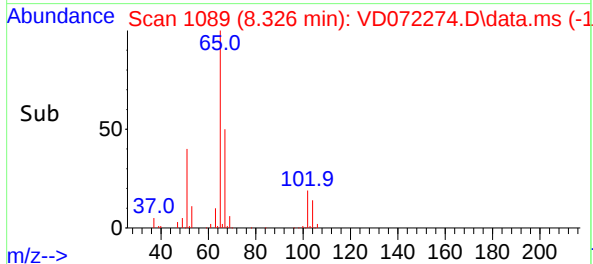
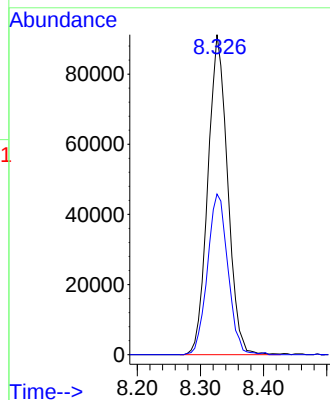
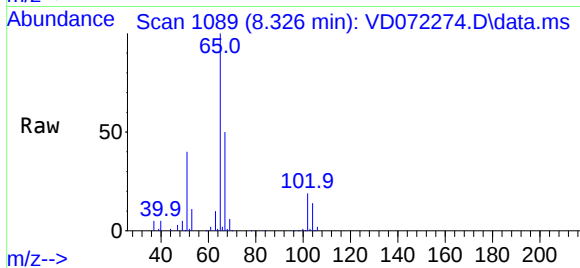
SB-01-4.5-5.0

Tgt Ion: 65 Resp: 197883

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.862 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072274.D

Acq: 18 Mar 2022 06:43

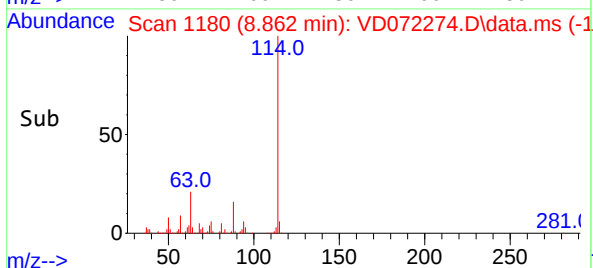
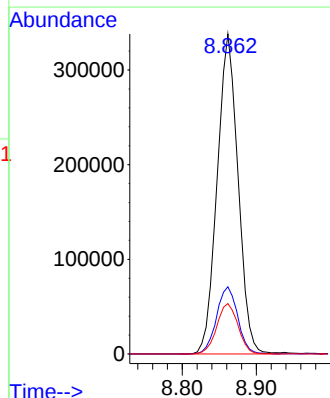
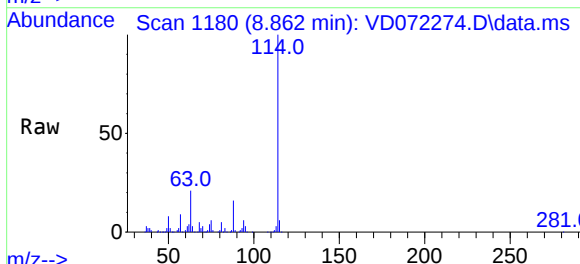
Tgt Ion:114 Resp: 661843

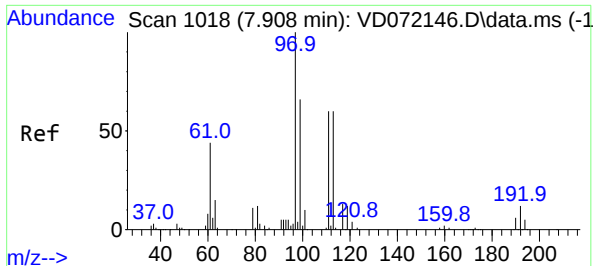
Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 15.7 0.0 33.2

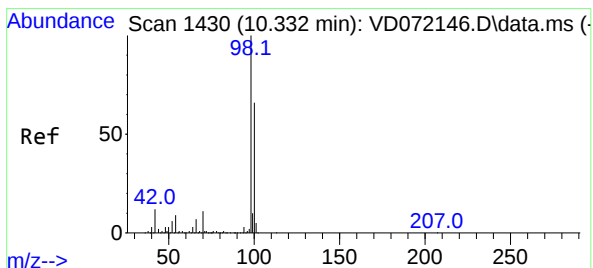
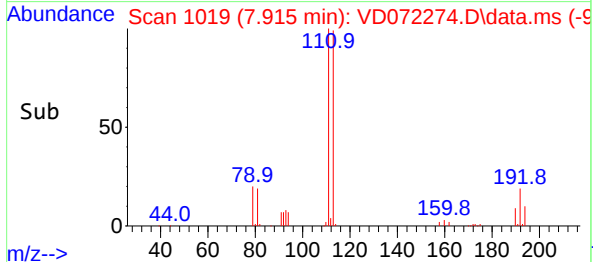
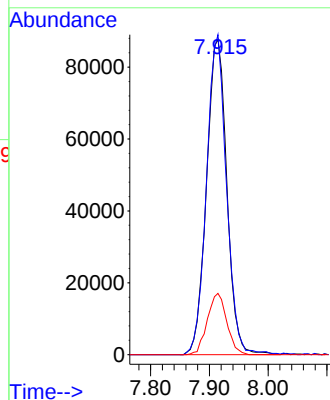
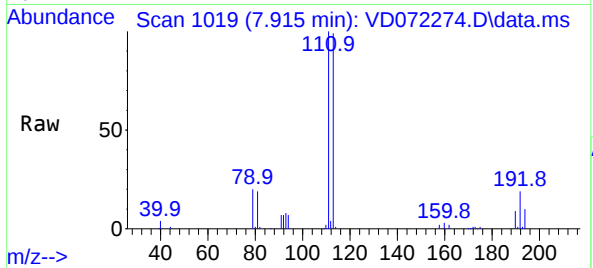




#35
Dibromofluoromethane
Concen: 45.257 ug/l
RT: 7.915 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072274.D
Acq: 18 Mar 2022 06:43

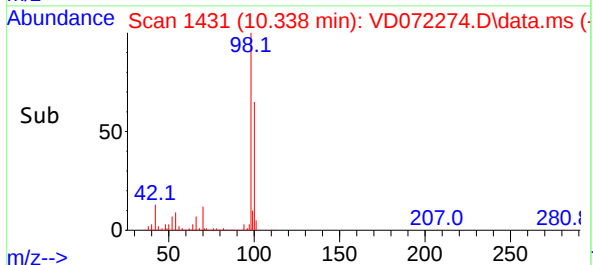
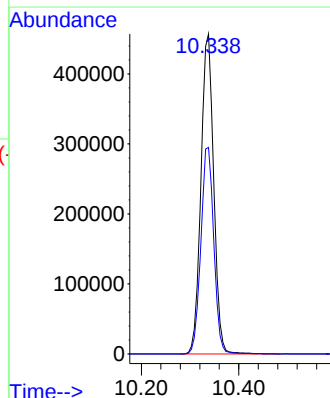
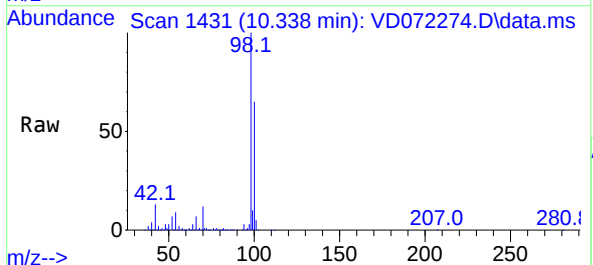
Instrument :
MSVOA_D
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SB-01-4.5-5.0

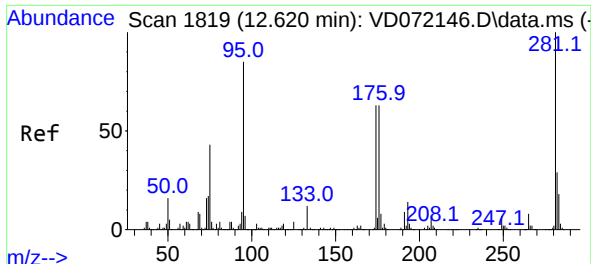
Tgt Ion:113 Resp: 210783
Ion Ratio Lower Upper
113 100
111 99.6 83.8 125.6
192 18.7 14.6 21.8



#50
Toluene-d8
Concen: 48.848 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072274.D
Acq: 18 Mar 2022 06:43

Tgt Ion: 98 Resp: 831873
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

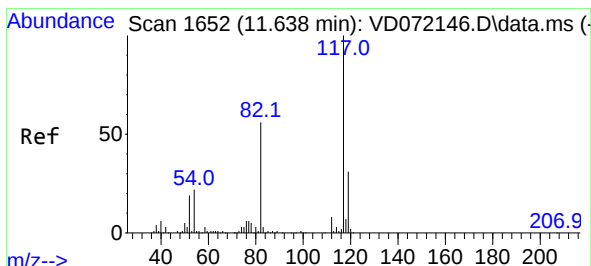
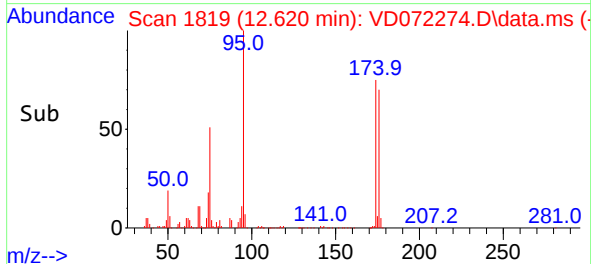
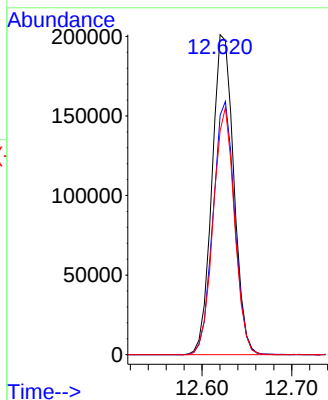
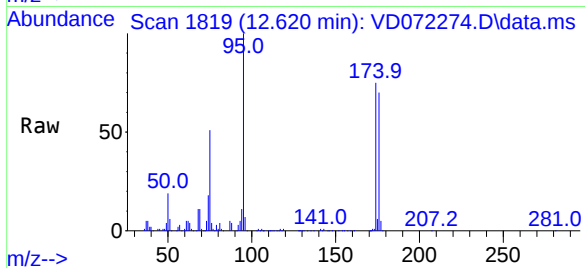




#62
4-Bromofluorobenzene
Concen: 51.177 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072274.D
Acq: 18 Mar 2022 06:43

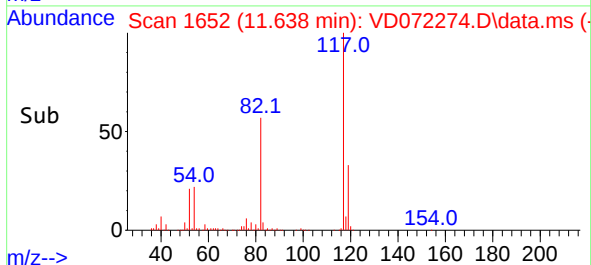
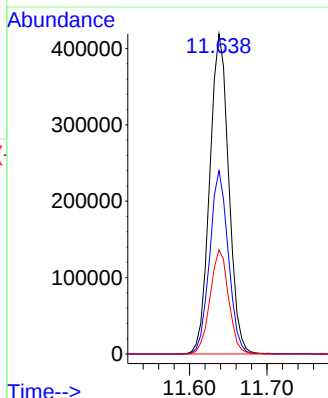
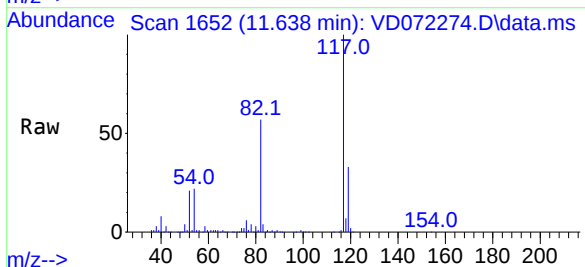
Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.5-5.0

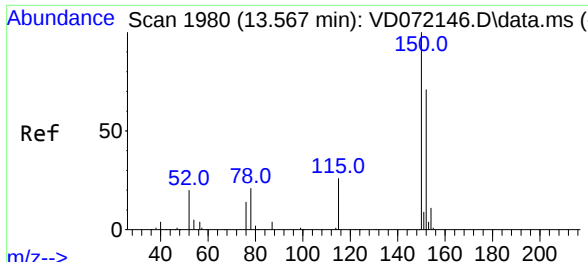
Tgt Ion: 95 Resp: 338645
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.8
176 75.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072274.D
Acq: 18 Mar 2022 06:43

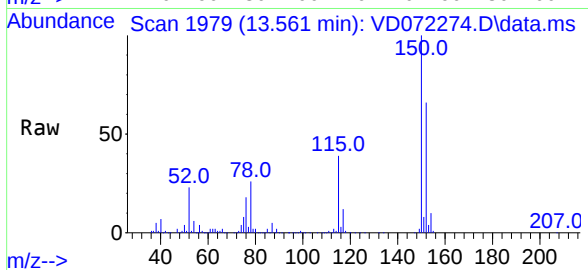
Tgt Ion: 117 Resp: 715590
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 32.5 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072274.D
 Acq: 18 Mar 2022 06:43

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-4.5-5.0



Tgt Ion:152 Resp: 356725

Ion	Ratio	Lower	Upper
152	100		
115	60.3	31.3	93.8
150	157.4	0.0	348.6

