

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040422\
 Data File : VD072518.D
 Acq On : 04 Apr 2022 14:59
 Operator : VA/SY
 Sample : N2227-03
 Misc : 4.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124035

Quant Time: Apr 05 03:20:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

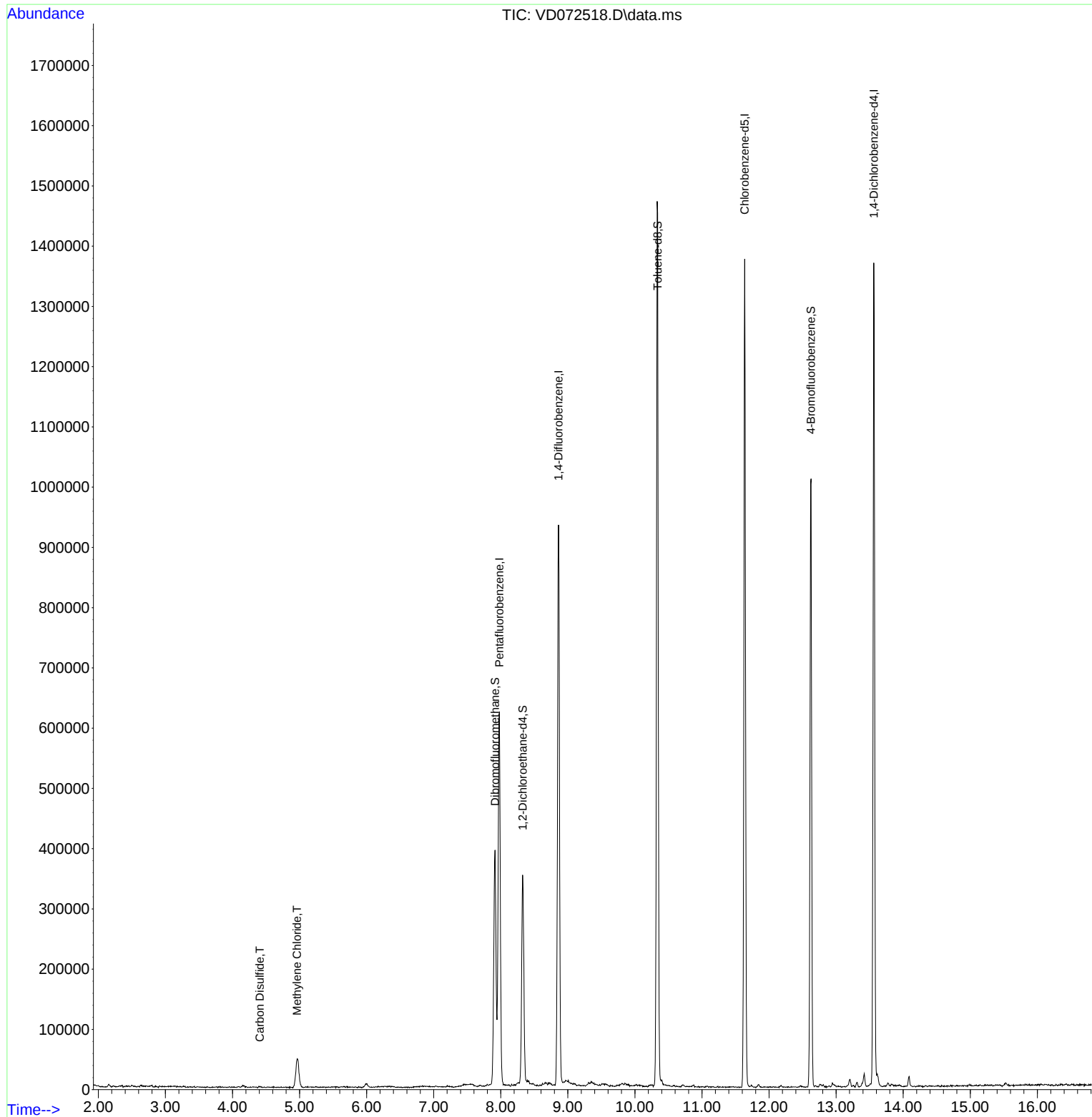
Internal Standards						
1) Pentafluorobenzene	7.979	168	444387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	823904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	788826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	358035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	270157	50.255	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.500%
35) Dibromofluoromethane	7.914	113	280881	43.868	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.740%
50) Toluene-d8	10.338	98	1010857	45.418	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.840%
62) 4-Bromofluorobenzene	12.626	95	345066	39.698	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.400%
Target Compounds						
17) Carbon Disulfide	4.409	76	2085	3.850	ug/l #	90
20) Methylene Chloride	4.961	84	38799	6.502	ug/l #	84

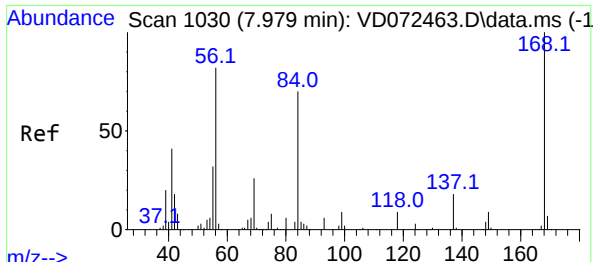
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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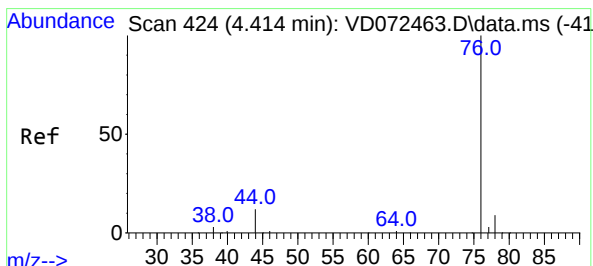
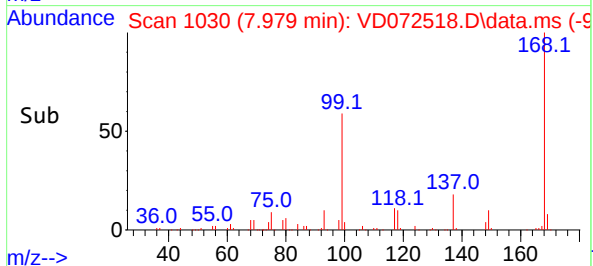
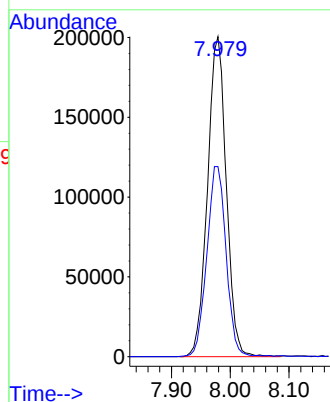
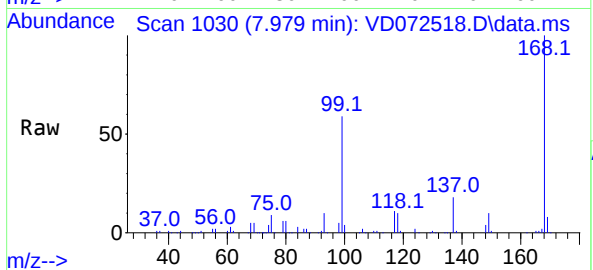




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD072518.D
Acq: 04 Apr 2022 14:59

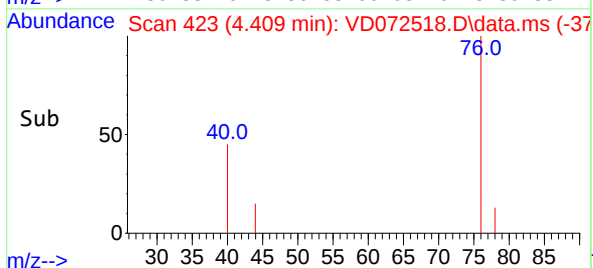
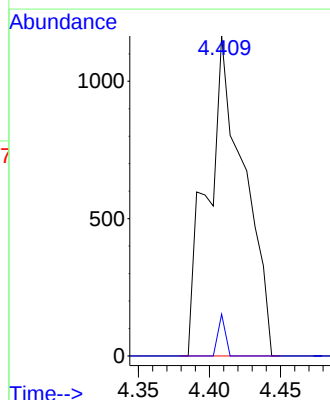
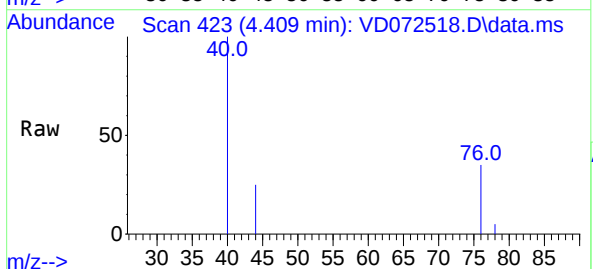
Instrument :
MSVOA_D
ClientSampleId :
124035

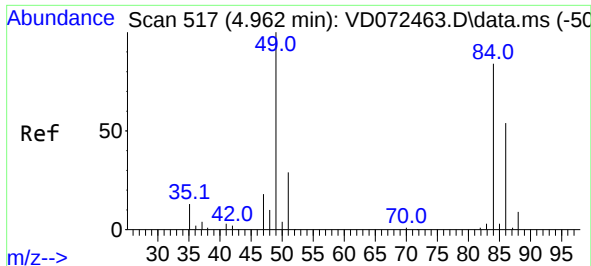
Tgt Ion:168 Resp: 444387
Ion Ratio Lower Upper
168 100
99 59.3 49.8 74.6



#17
Carbon Disulfide
Concen: 3.850 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD072518.D
Acq: 04 Apr 2022 14:59

Tgt Ion: 76 Resp: 2085
Ion Ratio Lower Upper
76 100
78 13.0 7.5 11.3#



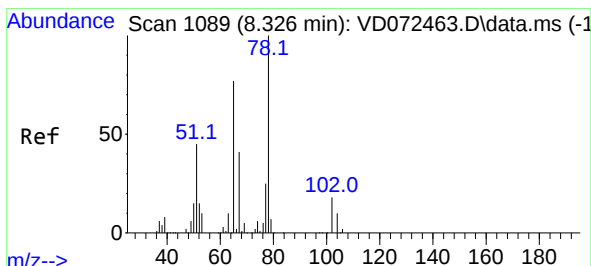
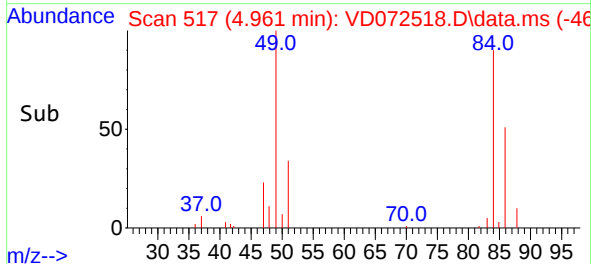
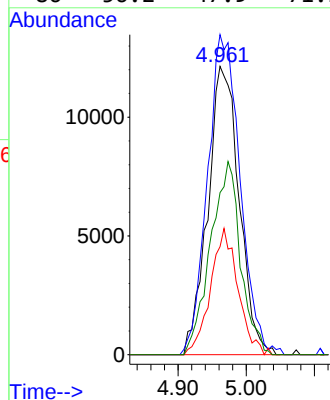
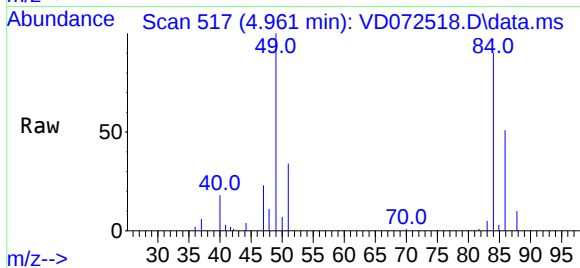


#20
Methylene Chloride
Concen: 6.502 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072518.D
Acq: 04 Apr 2022 14:59

Instrument :
MSVOA_D
ClientSampleId :
124035

Tgt Ion: 84 Resp: 38799

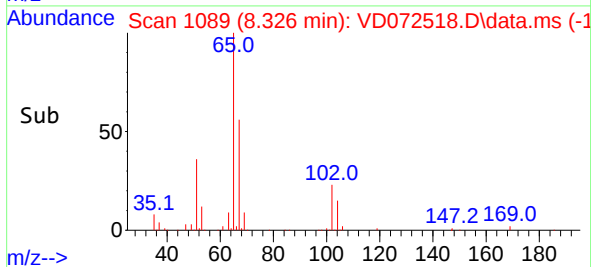
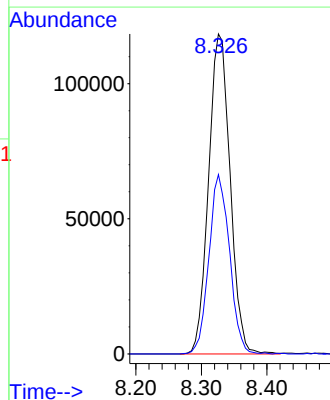
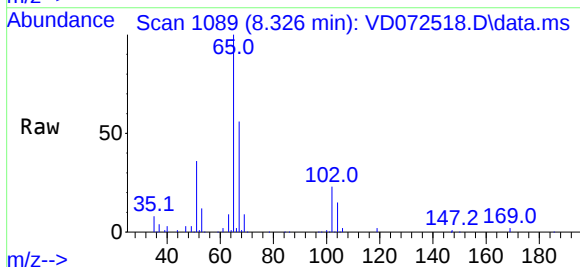
Ion	Ratio	Lower	Upper
84	100		
49	111.0	112.8	169.2#
51	37.4	32.6	48.8
86	56.2	47.9	71.9

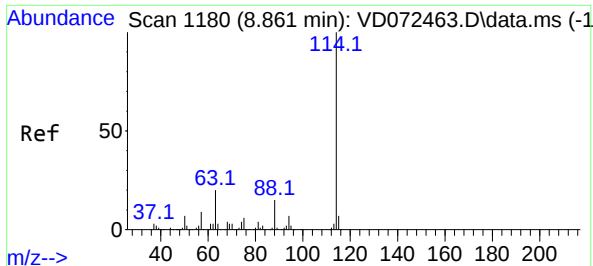


#33
1,2-Dichloroethane-d4
Concen: 50.255 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072518.D
Acq: 04 Apr 2022 14:59

Tgt Ion: 65 Resp: 270157

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072518.D

Acq: 04 Apr 2022 14:59

Instrument :

MSVOA_D

ClientSampleId :

124035

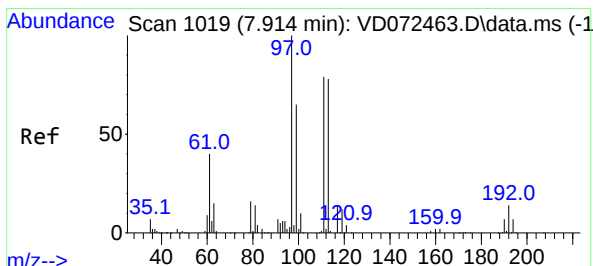
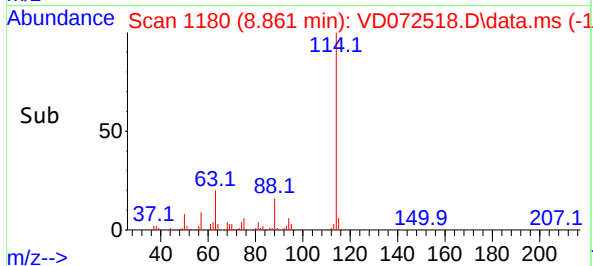
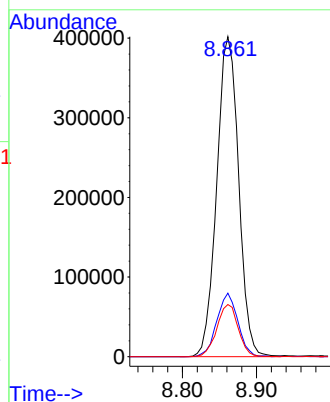
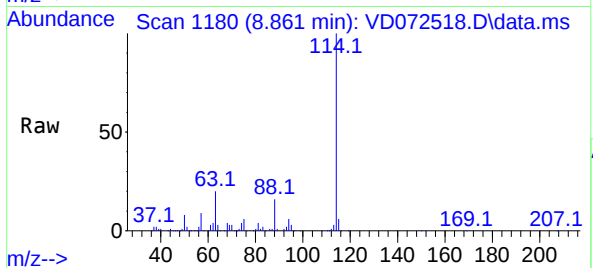
Tgt Ion:114 Resp: 823904

Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 16.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.868 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD072518.D

Acq: 04 Apr 2022 14:59

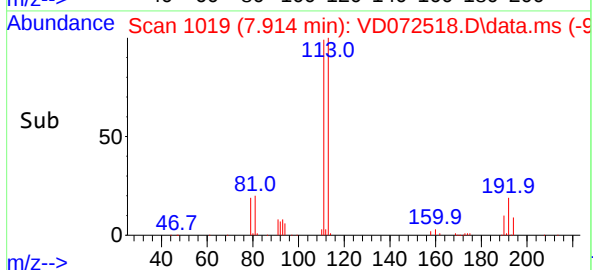
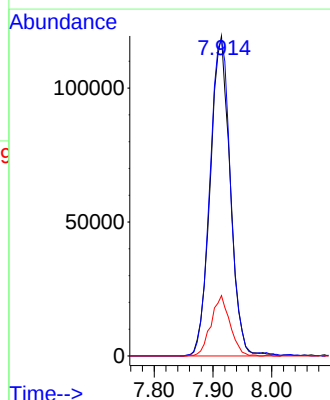
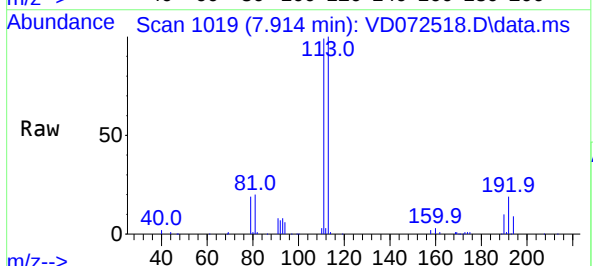
Tgt Ion:113 Resp: 280881

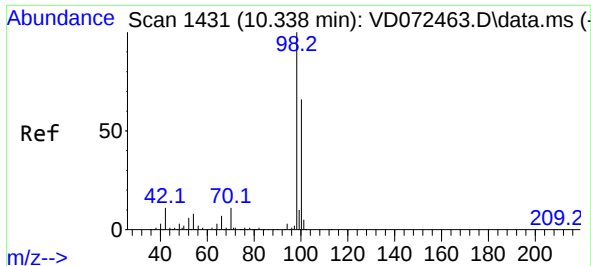
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 18.0 14.6 21.8

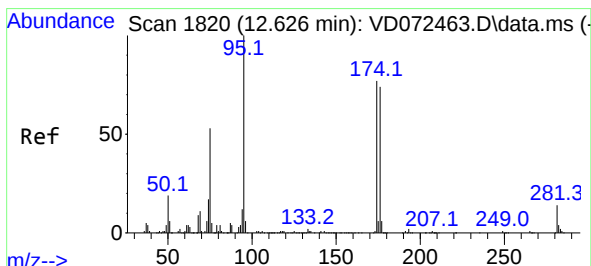
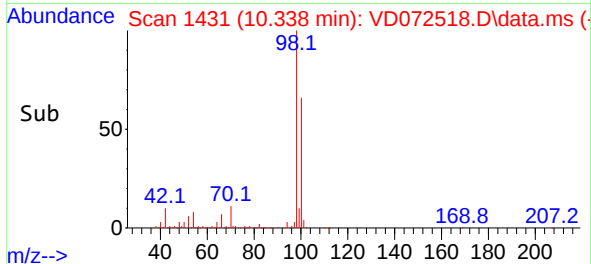
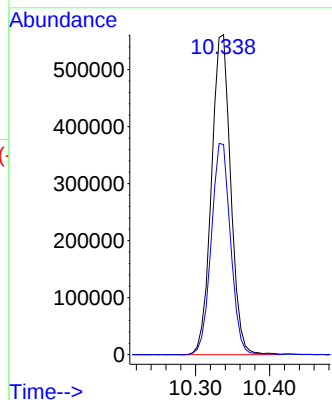
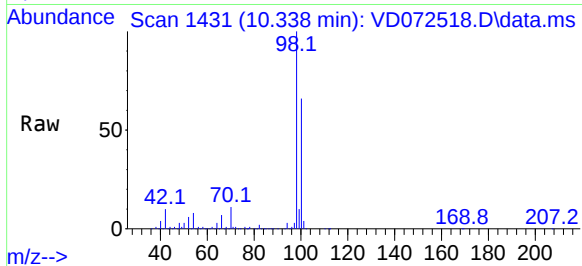




#50
Toluene-d8
Concen: 45.418 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD072518.D
Acq: 04 Apr 2022 14:59

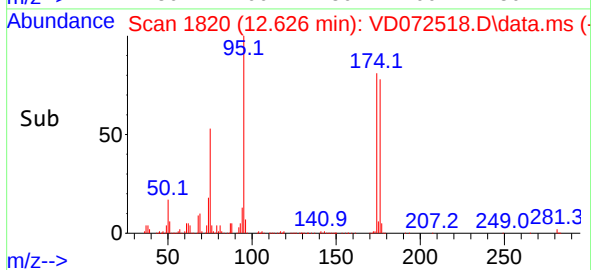
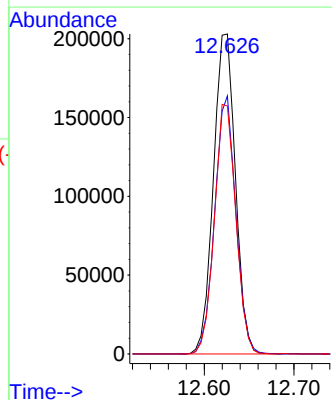
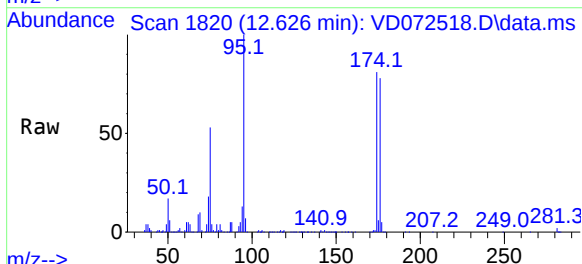
Instrument :
MSVOA_D
ClientSampleId :
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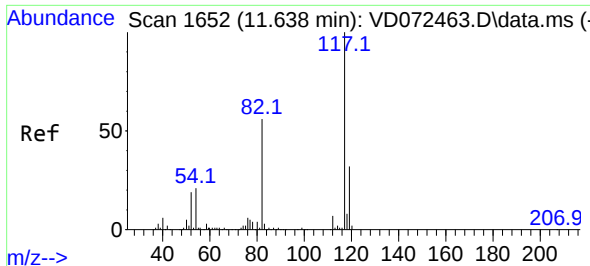
Tgt Ion: 98 Resp: 1010857
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.698 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072518.D
Acq: 04 Apr 2022 14:59

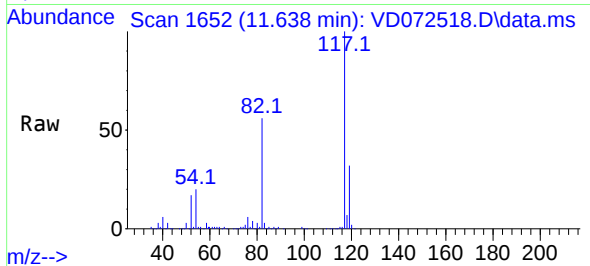
Tgt Ion: 95 Resp: 345066
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 76.1 0.0 145.4



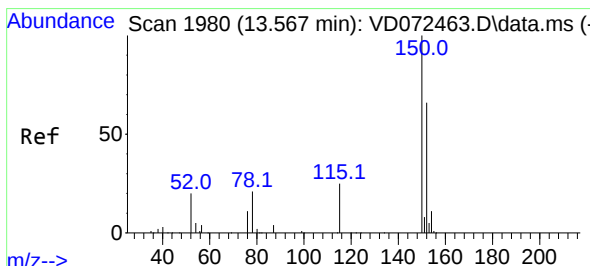
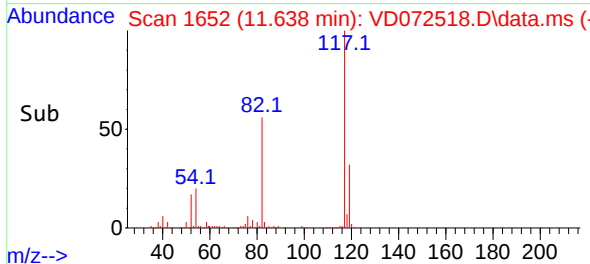
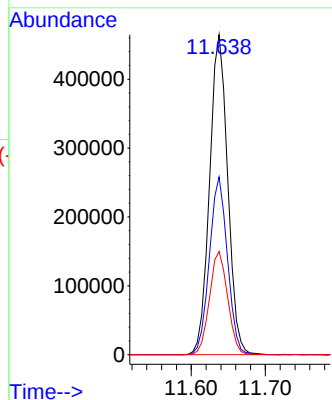


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072518.D
Acq: 04 Apr 2022 14:59

Instrument :
MSVOA_D
ClientSampleId :
124035



Tgt Ion:117 Resp: 788826
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072518.D
Acq: 04 Apr 2022 14:59

Tgt Ion:152 Resp: 358035
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 158.7 0.0 348.6

