

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111621\
 Data File : VD071043.D
 Acq On : 16 Nov 2021 14:43
 Operator : VA/SY
 Sample : M4700-03
 Misc : 5.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IMPOUND-LOT-SP-JC-11-15-21

Quant Time: Nov 17 03:24:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

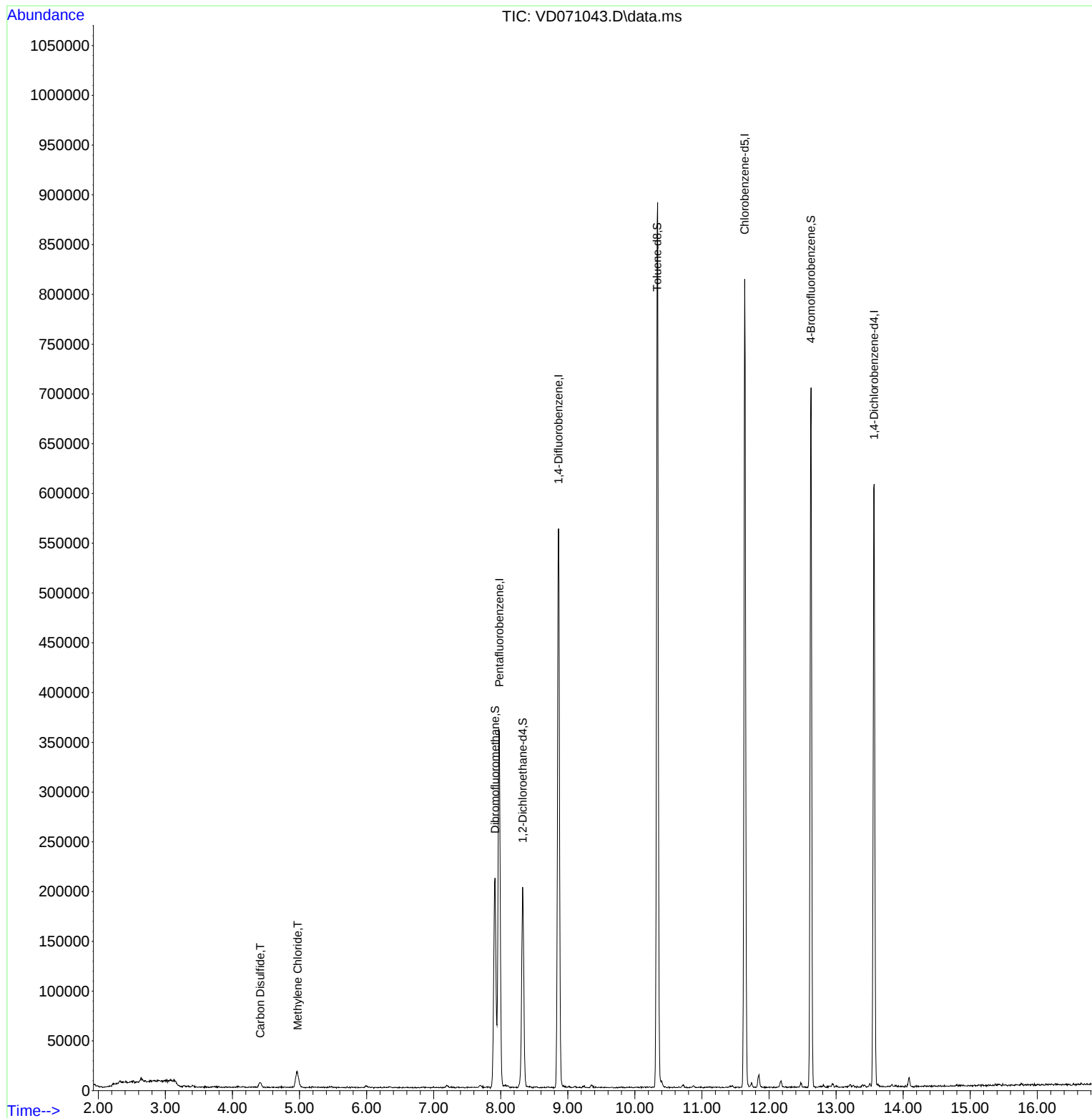
Internal Standards						
1) Pentafluorobenzene	7.979	168	255977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	462312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	429817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	150448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	153502	56.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.640%	
35) Dibromofluoromethane	7.914	113	146933	56.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.640%	
50) Toluene-d8	10.332	98	576423	56.421	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.840%	
62) 4-Bromofluorobenzene	12.626	95	189674	51.562	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.120%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.415	76	10048	1.280	ug/l	97
20) Methylene Chloride	4.973	84	11022	3.160	ug/l	92

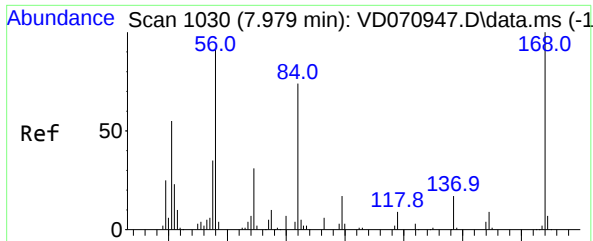
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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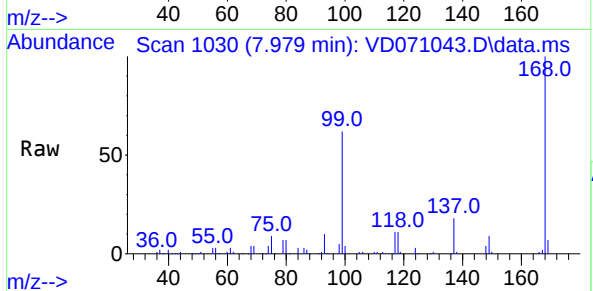
Quant Time: Nov 17 03:24:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
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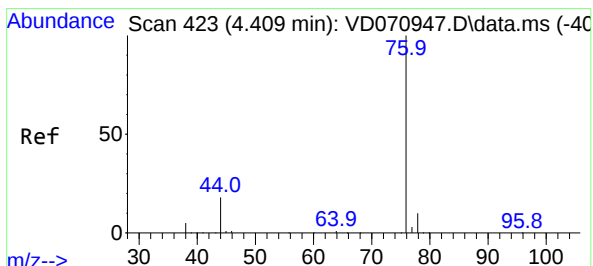
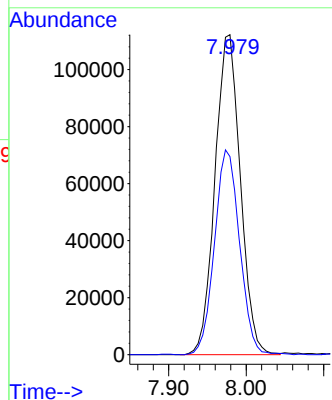
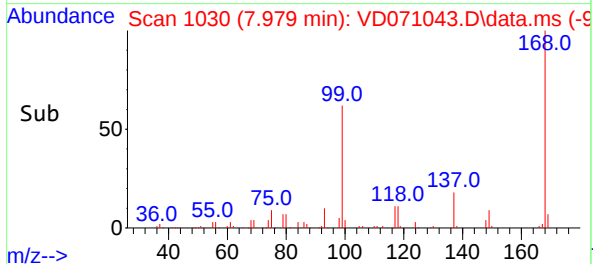


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071043.D
Acq: 16 Nov 2021 14:43

Instrument :
MSVOA_D
ClientSampleId :
IMPOUND-LOT-SP-JC-11-15-21

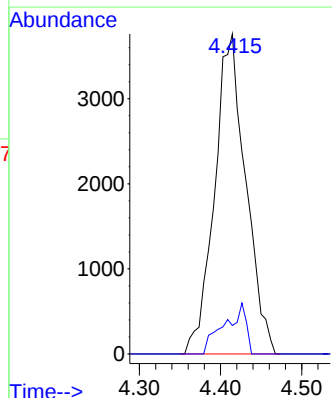
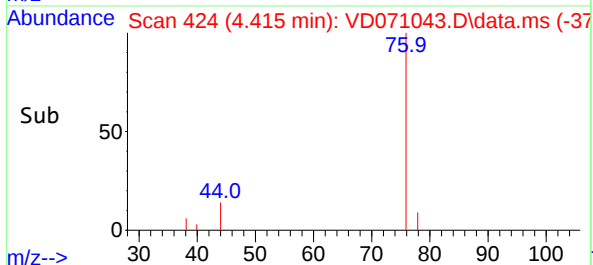
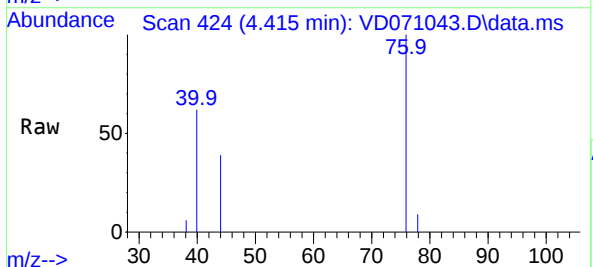


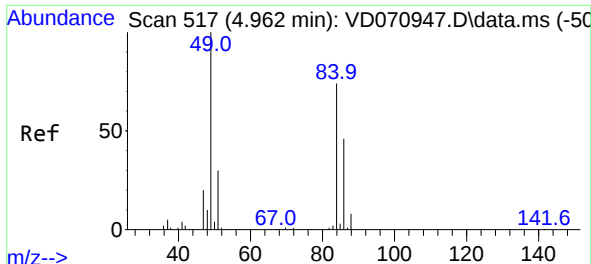
Tgt Ion:168 Resp: 255977
Ion Ratio Lower Upper
168 100
99 61.9 46.6 69.8



#17
Carbon Disulfide
Concen: 1.280 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD071043.D
Acq: 16 Nov 2021 14:43

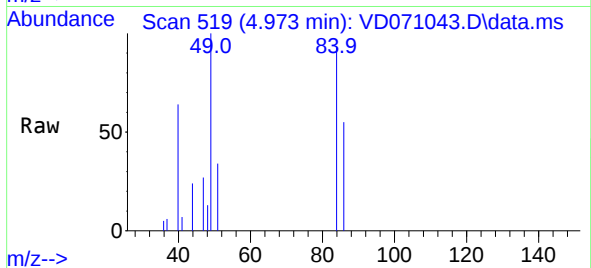
Tgt Ion: 76 Resp: 10048
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8





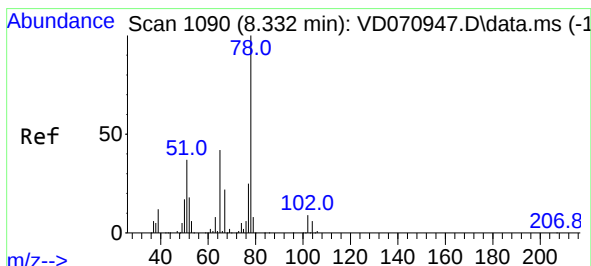
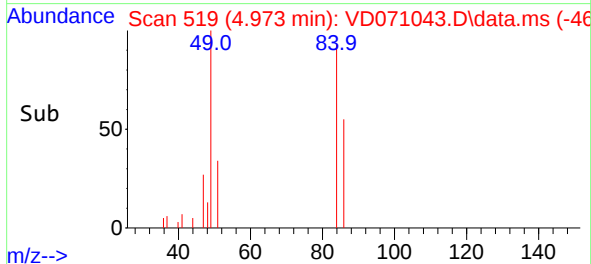
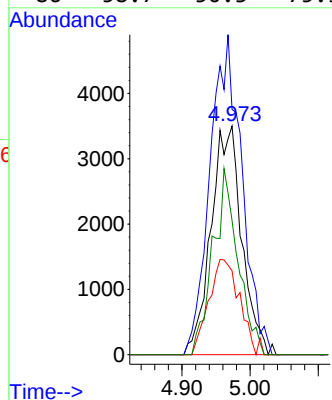
#20
Methylene Chloride
Concen: 3.160 ug/l
RT: 4.973 min Scan# 517
Delta R.T. 0.011 min
Lab File: VD071043.D
Acq: 16 Nov 2021 14:43

Instrument :
MSVOA_D
ClientSampleId :
IMPOUND-LOT-SP-JC-11-15-21



Tgt Ion: 84 Resp: 11022

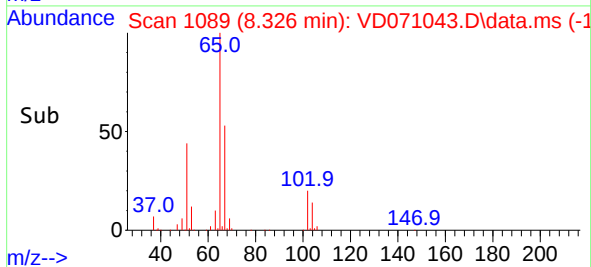
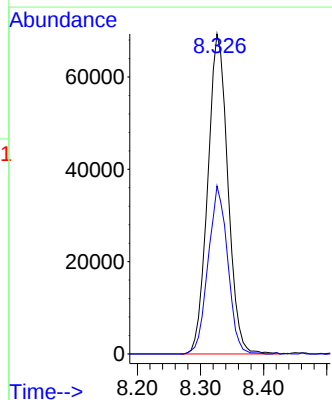
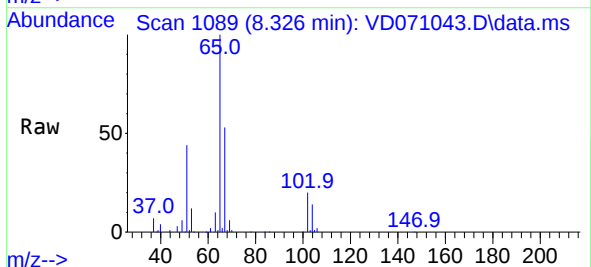
Ion	Ratio	Lower	Upper
84	100		
49	107.3	95.8	143.6
51	36.7	30.9	46.3
86	58.7	50.3	75.5

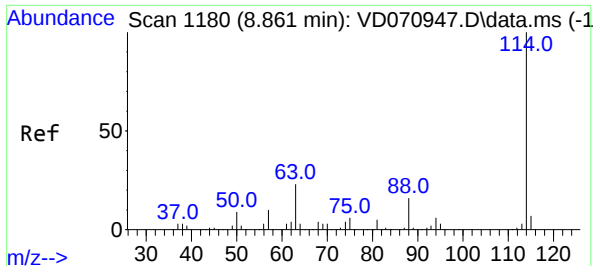


#33
1,2-Dichloroethane-d4
Concen: 56.323 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071043.D
Acq: 16 Nov 2021 14:43

Tgt Ion: 65 Resp: 153502

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071043.D

Acq: 16 Nov 2021 14:43

Instrument :

MSVOA_D

ClientSampleId :

IMPOUND-LOT-SP-JC-11-15-21

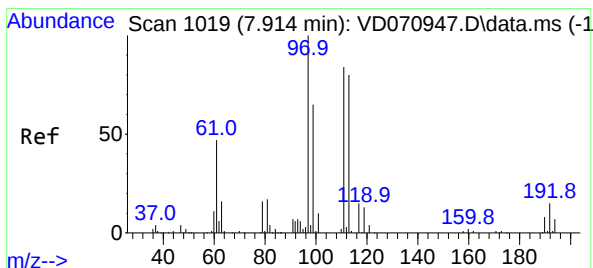
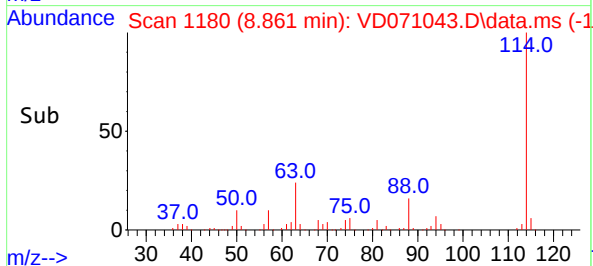
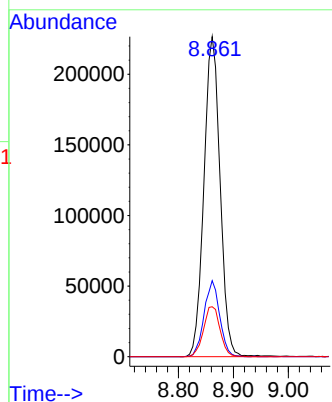
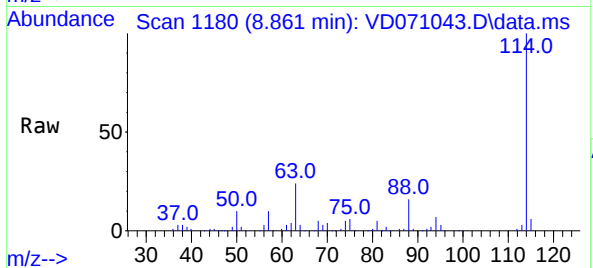
Tgt Ion:114 Resp: 462312

Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.8

88 15.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 56.323 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071043.D

Acq: 16 Nov 2021 14:43

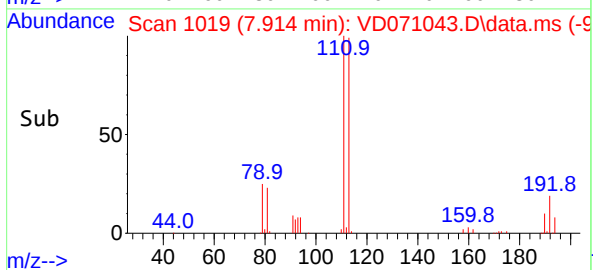
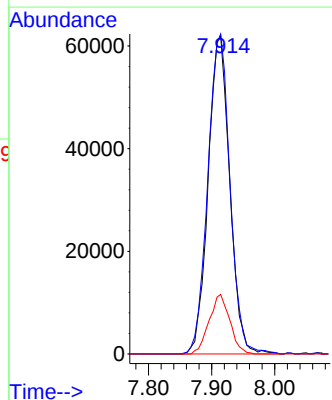
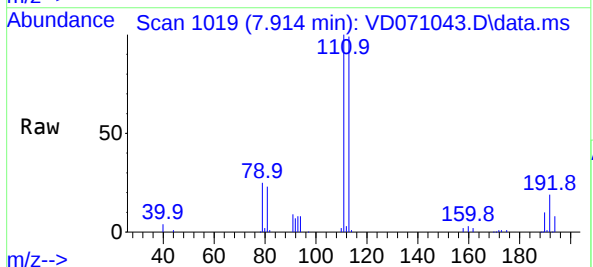
Tgt Ion:113 Resp: 146933

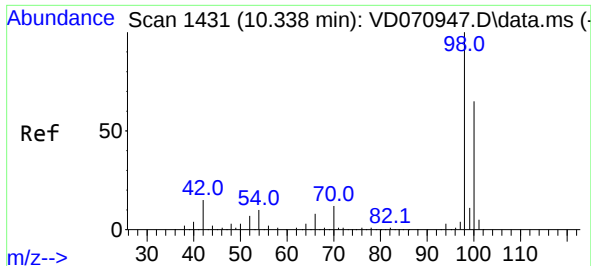
Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

192 17.9 15.2 22.8

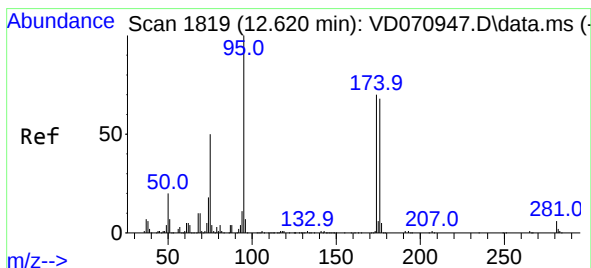
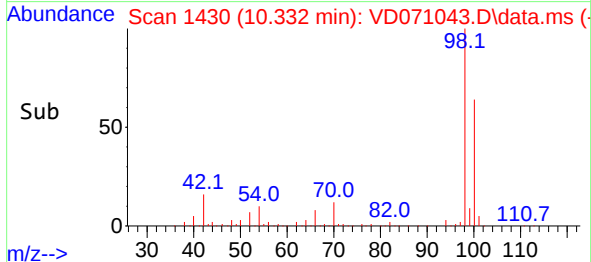
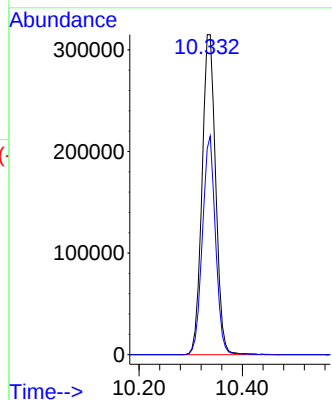
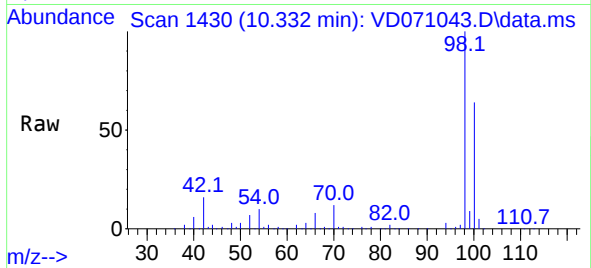




#50
Toluene-d8
Concen: 56.421 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071043.D
Acq: 16 Nov 2021 14:43

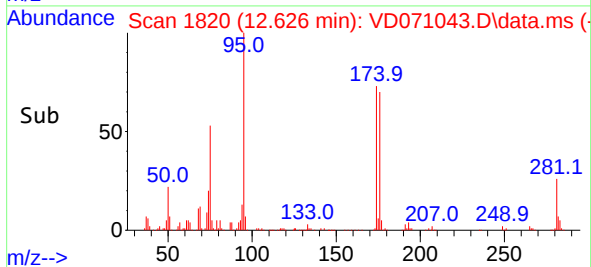
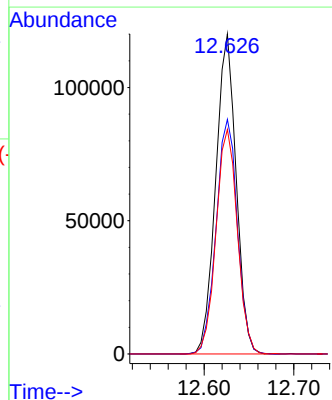
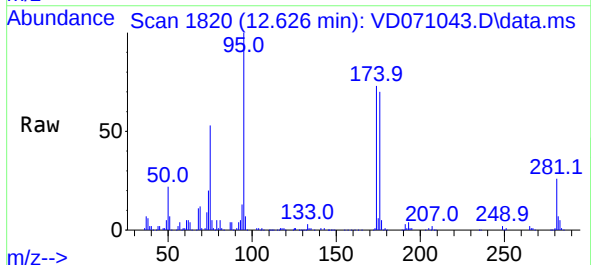
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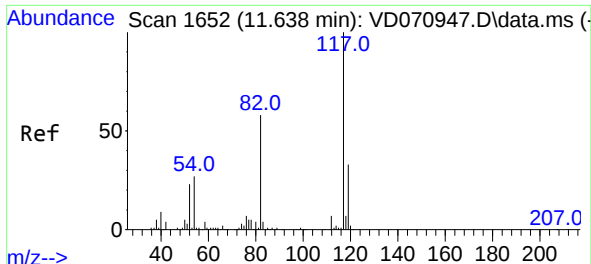
Tgt Ion: 98 Resp: 576423
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.562 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071043.D
Acq: 16 Nov 2021 14:43

Tgt Ion: 95 Resp: 189674
Ion Ratio Lower Upper
95 100
174 76.6 0.0 159.4
176 73.1 0.0 154.0

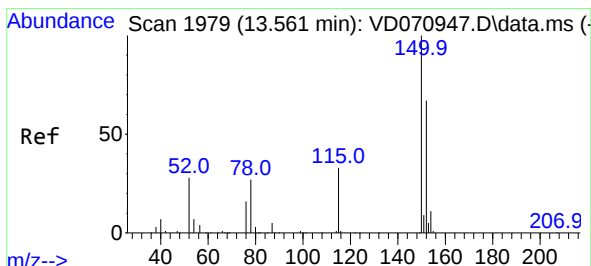
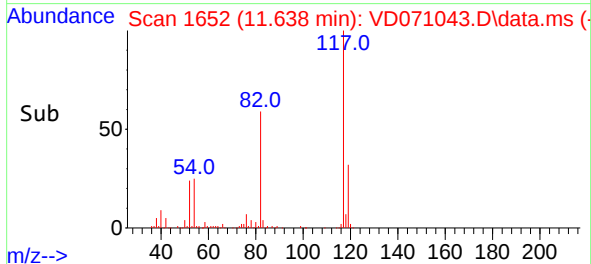
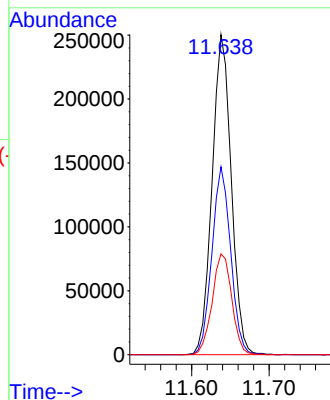
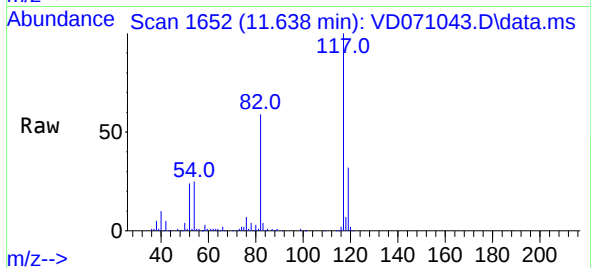




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071043.D
Acq: 16 Nov 2021 14:43

Instrument :
MSVOA_D
ClientSampleId :
IMPOUND-LOT-SP-JC-11-15-21

Tgt Ion:117 Resp: 429817
Ion Ratio Lower Upper
117 100
82 58.7 44.7 67.1
119 31.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071043.D
Acq: 16 Nov 2021 14:43

Tgt Ion:152 Resp: 150448
Ion Ratio Lower Upper
152 100
115 61.5 29.8 89.3
150 159.2 0.0 349.2

