

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073018.D
 Acq On : 14 May 2022 05:47
 Operator : VA/SY
 Sample : N2823-04
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-4

Quant Time: May 16 05:20:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

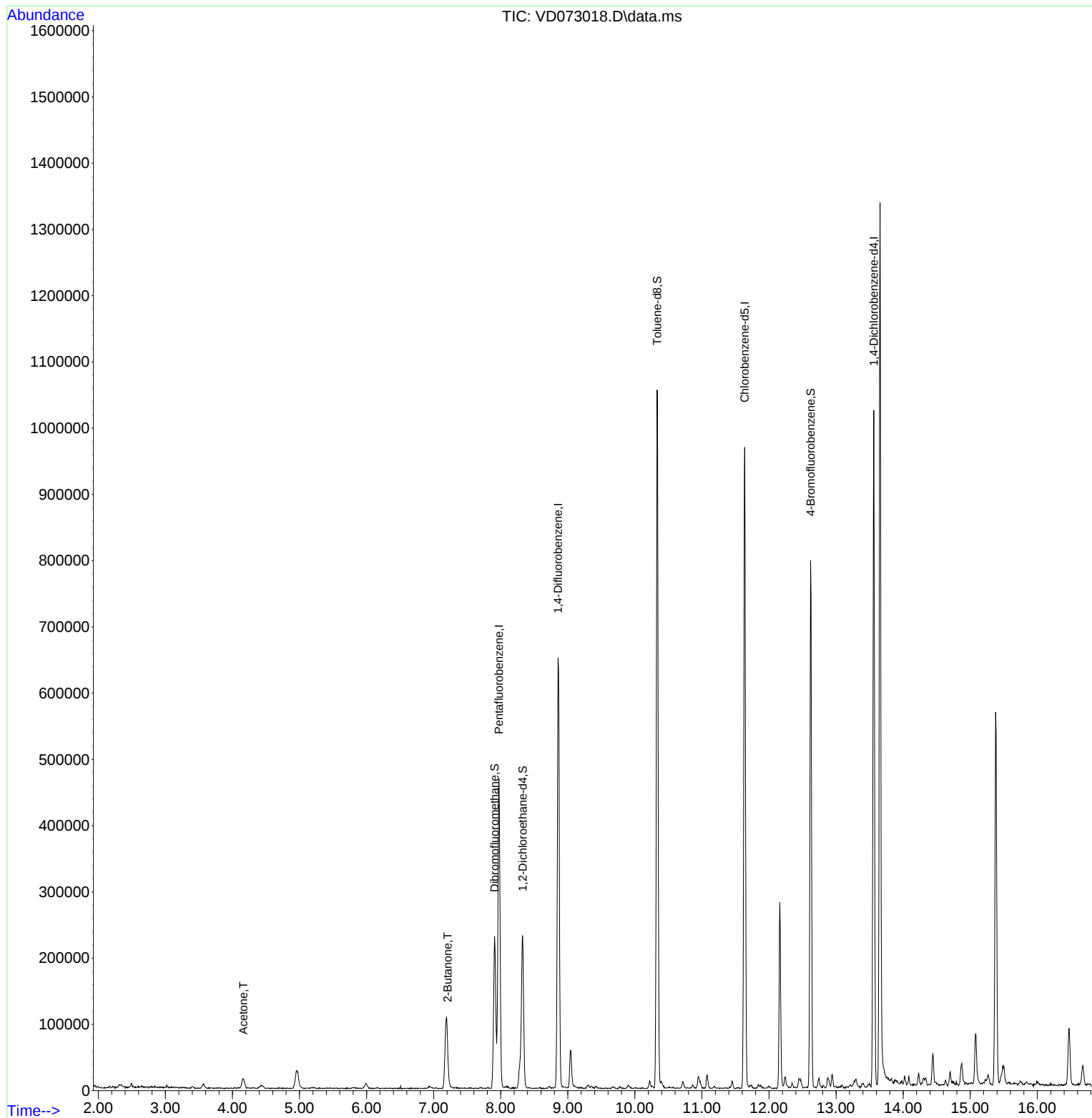
Internal Standards						
1) Pentafluorobenzene	7.973	168	325278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	567682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	560405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	181085	42.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.780%
35) Dibromofluoromethane	7.908	113	162640	40.794	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.580%
50) Toluene-d8	10.332	98	690326	48.270	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.620	95	262360	49.199	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.400%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	27419	21.978	ug/l #	82
25) 2-Butanone	7.209	43	11384	9.253	ug/l #	88

(#) = 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# 1

Delta R.T. -0.006 min

Lab File: VD073018.D

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Instrument :

MSVOA_D

ClientSampleId :

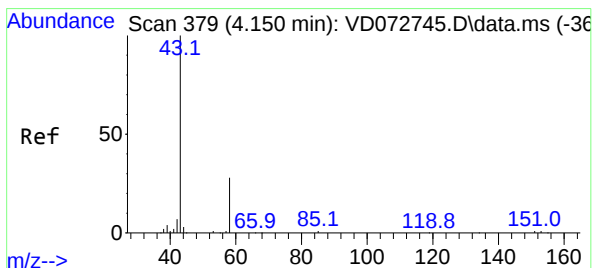
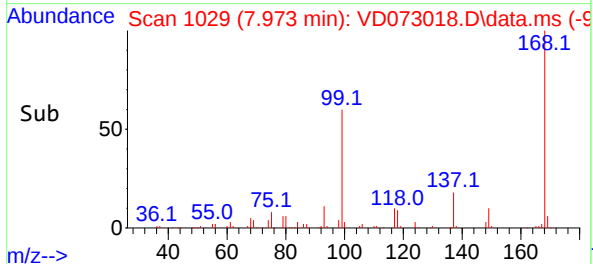
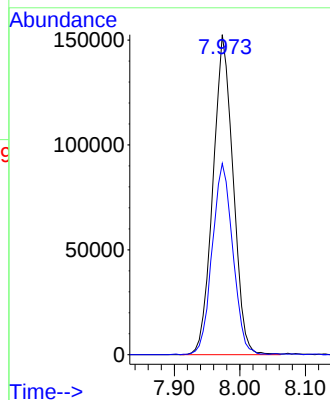
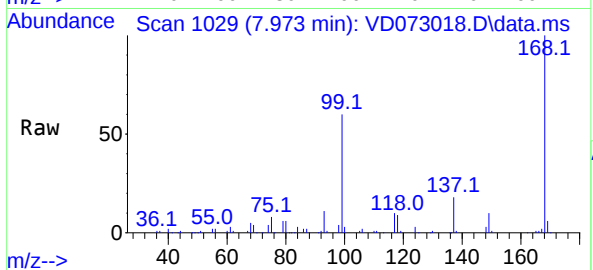
SC-4

Tgt Ion:168 Resp: 325278

Ion Ratio Lower Upper

168 100

99 59.7 49.8 74.6



#16

Acetone

Concen: 21.978 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.012 min

Lab File: VD073018.D

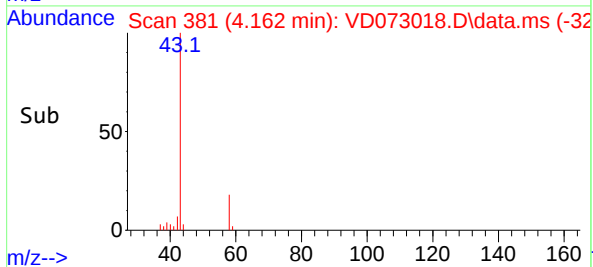
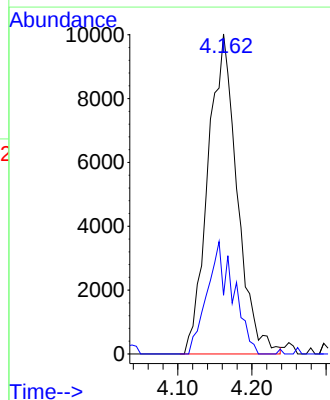
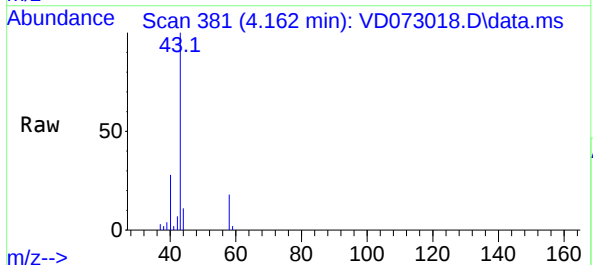
Acq: 14 May 2022 05:47

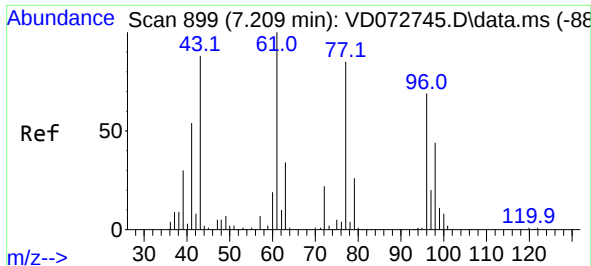
Tgt Ion: 43 Resp: 27419

Ion Ratio Lower Upper

43 100

58 18.3 22.1 33.1#

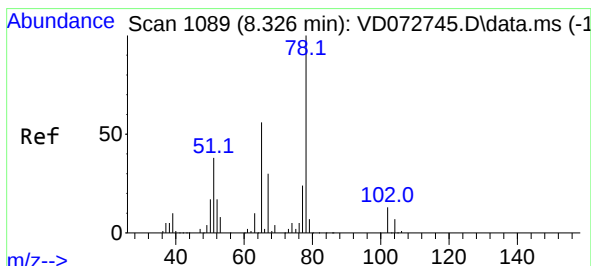
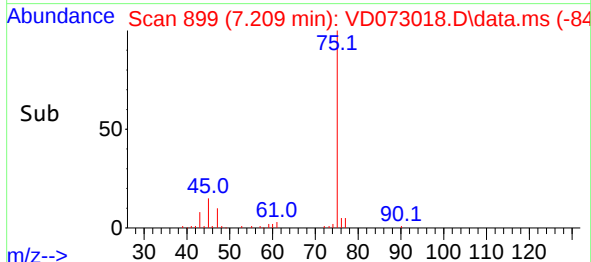
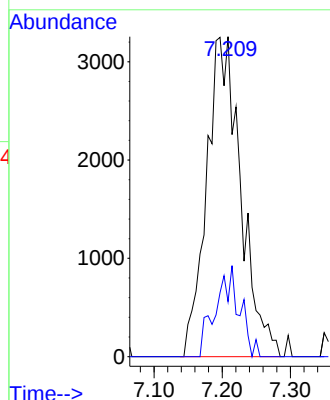
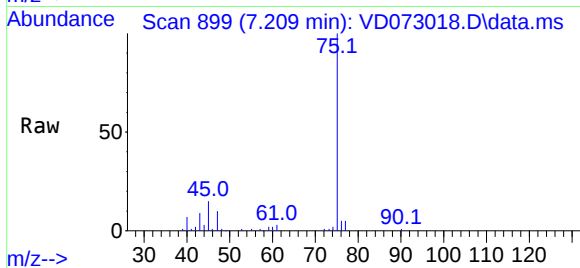




#25
2-Butanone
Concen: 9.253 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073018.D
Acq: 14 May 2022 05:47

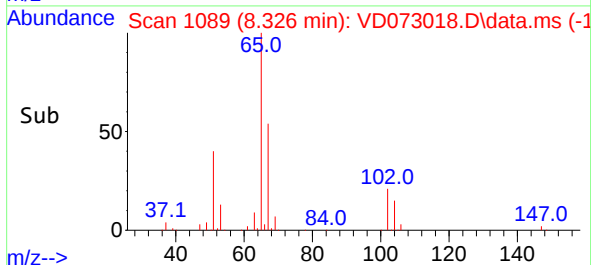
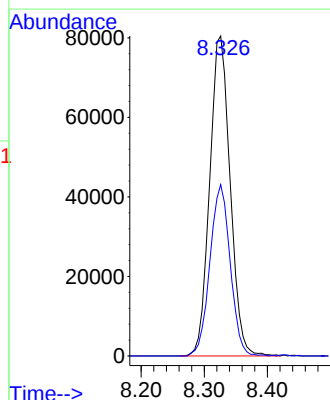
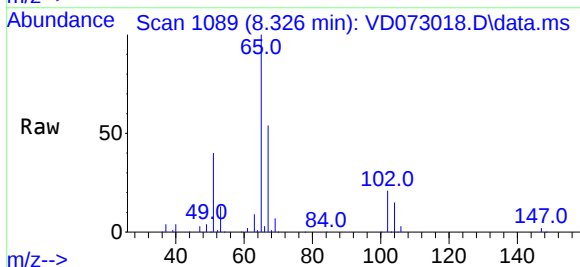
Instrument :
MSVOA_D
ClientSampleId :
SC-4

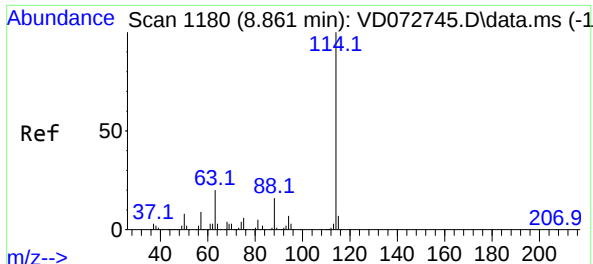
Tgt Ion: 43 Resp: 11384
Ion Ratio Lower Upper
43 100
72 17.2 18.6 27.8#



#33
1,2-Dichloroethane-d4
Concen: 42.887 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073018.D
Acq: 14 May 2022 05:47

Tgt Ion: 65 Resp: 181085
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.4



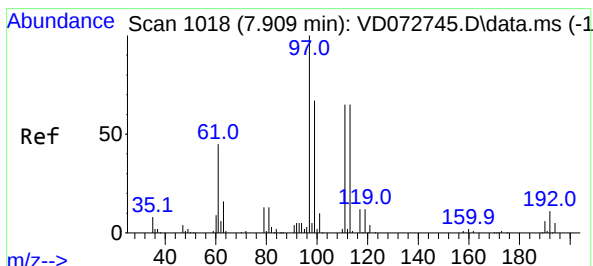
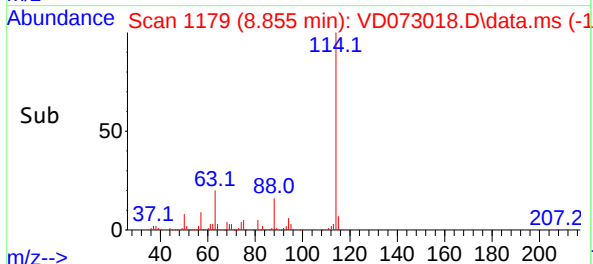
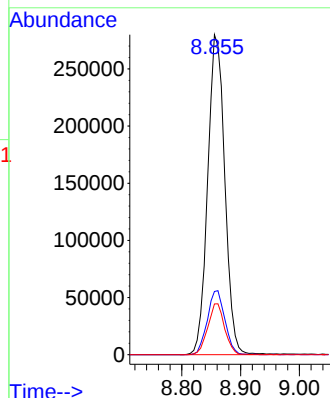
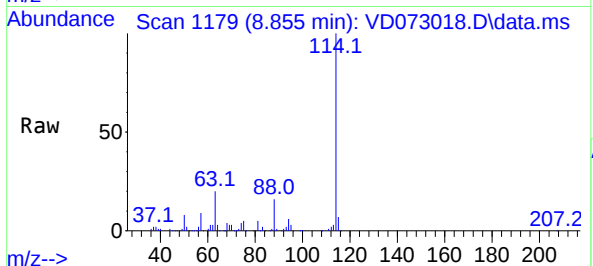


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD073018.D
Acq: 14 May 2022 05:47

Instrument :
MSVOA_D
ClientSampleId :
SC-4

Tgt Ion:114 Resp: 567682

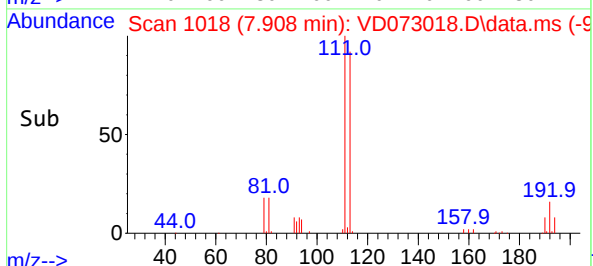
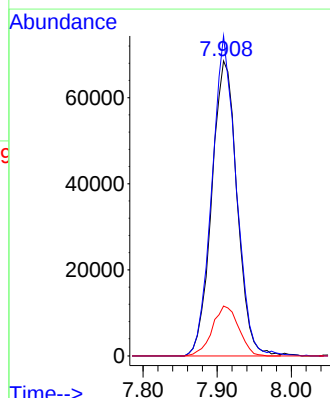
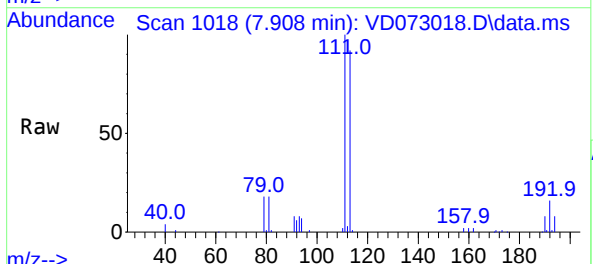
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	46.6
88	15.9	0.0	33.2

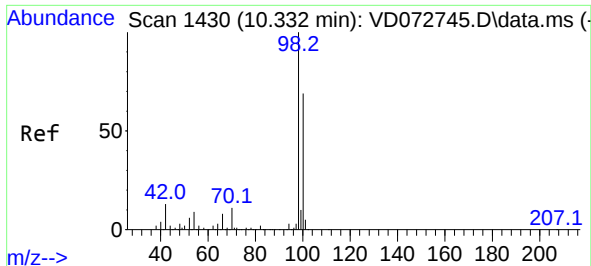


#35
Dibromofluoromethane
Concen: 40.794 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD073018.D
Acq: 14 May 2022 05:47

Tgt Ion:113 Resp: 162640

Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.8	125.6
192	17.7	14.6	21.8

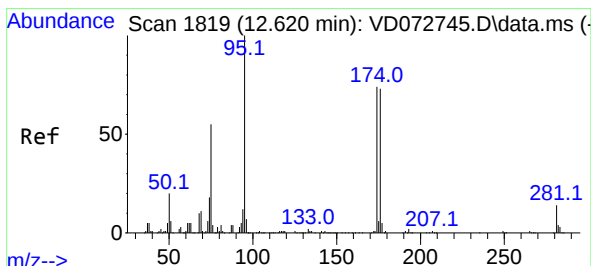
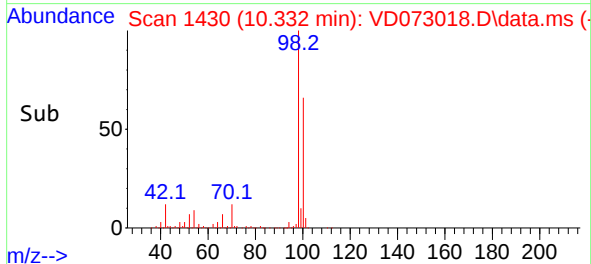
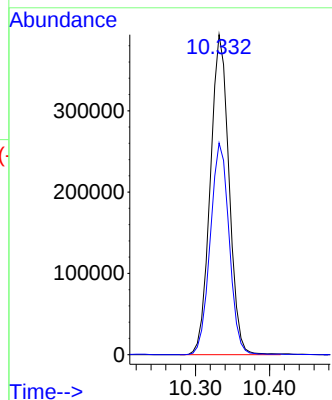
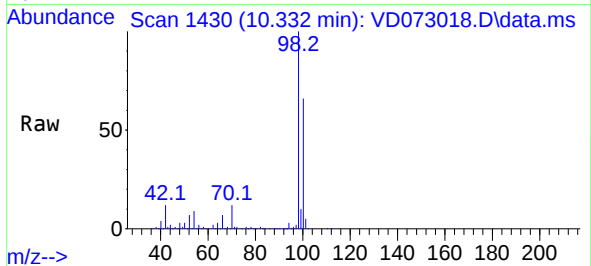




#50
Toluene-d8
Concen: 48.270 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073018.D
Acq: 14 May 2022 05:47

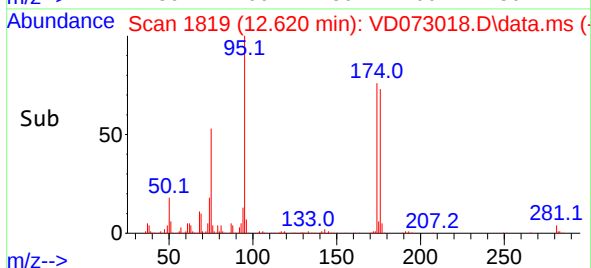
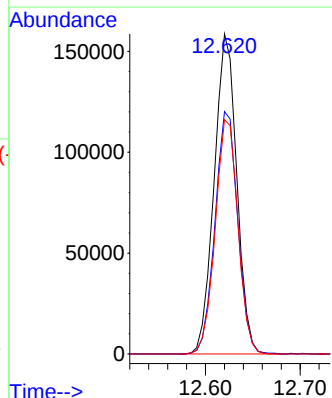
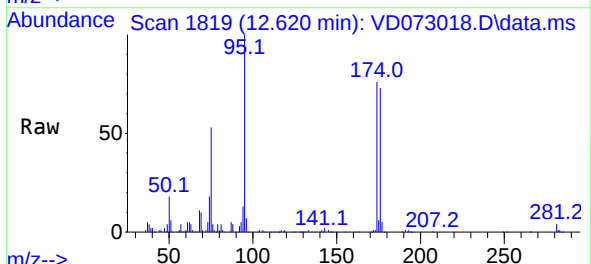
Instrument :
MSVOA_D
ClientSampleId :
SC-4

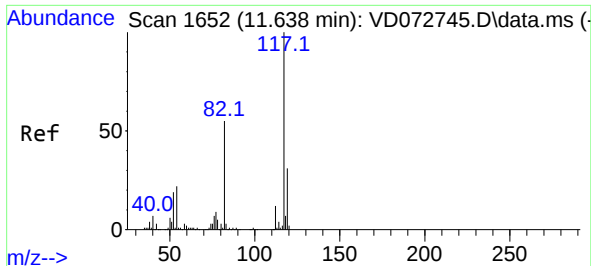
Tgt Ion: 98 Resp: 690326
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.199 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073018.D
Acq: 14 May 2022 05:47

Tgt Ion: 95 Resp: 262360
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 73.8 0.0 145.4

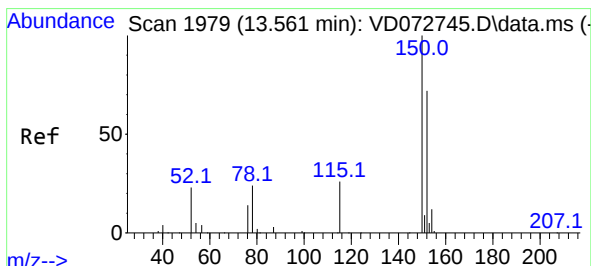
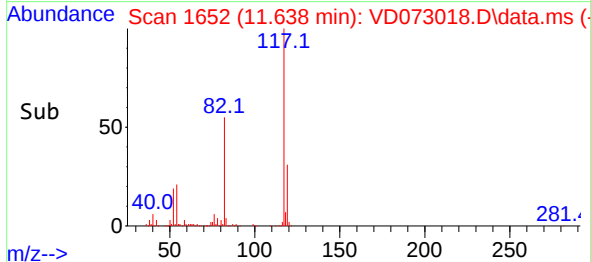
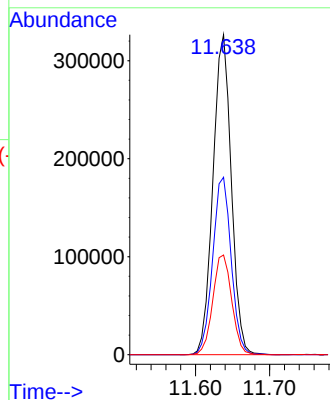
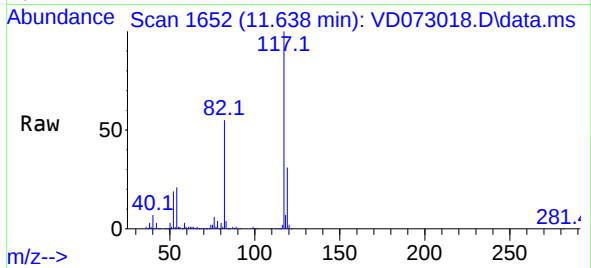




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073018.D
Acq: 14 May 2022 05:47

Instrument :
MSVOA_D
ClientSampleId :
SC-4

Tgt Ion:117 Resp: 560405
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 31.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073018.D
Acq: 14 May 2022 05:47

Tgt Ion:152 Resp: 265490
Ion Ratio Lower Upper
152 100
115 58.7 31.3 93.8
150 155.3 0.0 348.6

