

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073016.D
 Acq On : 14 May 2022 04:50
 Operator : VA/SY
 Sample : N2823-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-2

Quant Time: May 16 05:20:35 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)

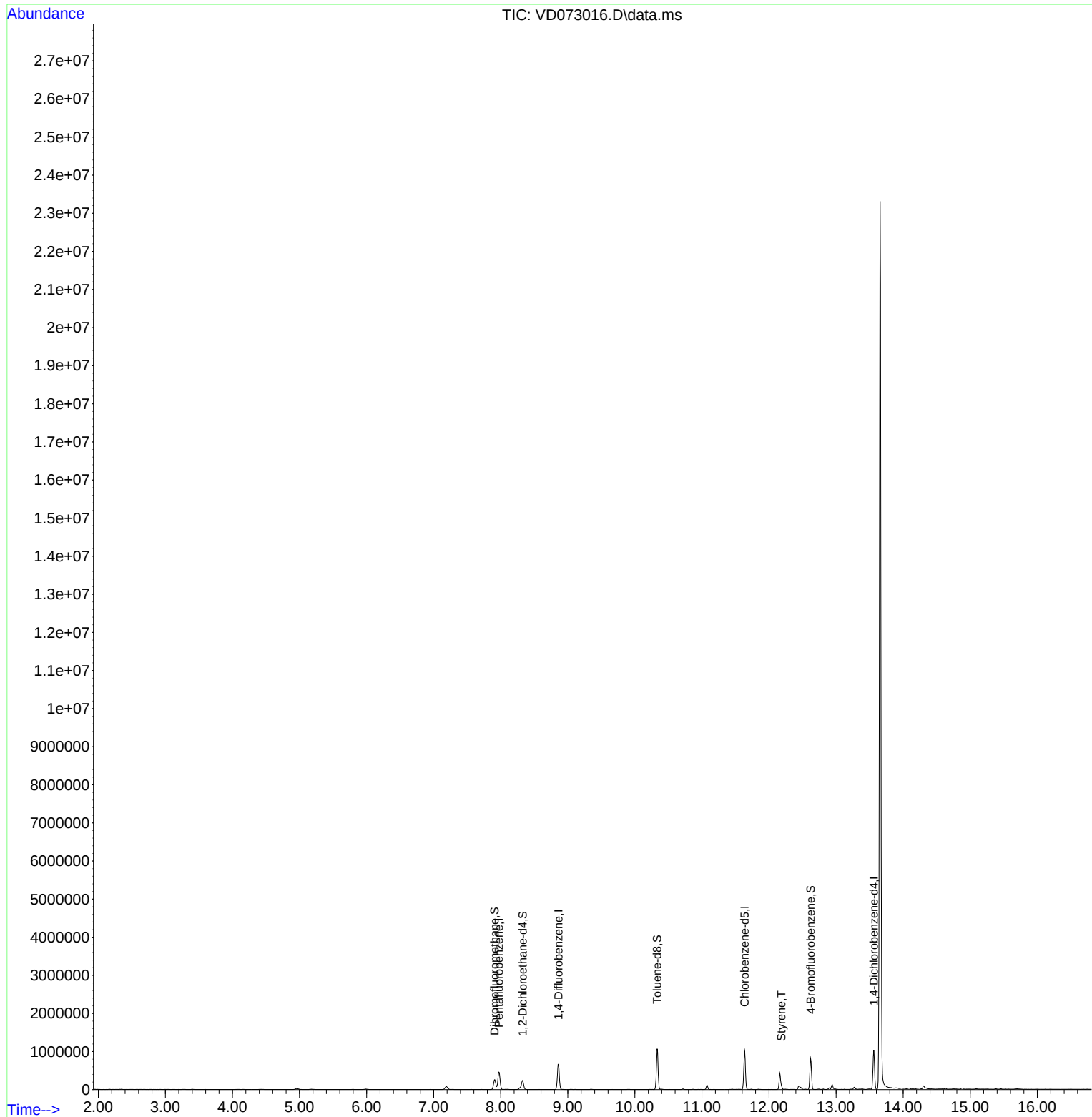
Internal Standards						
1) Pentafluorobenzene	7.973	168	334107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	581273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	574306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	273536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	183277	42.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.520%
35) Dibromofluoromethane	7.909	113	192749	47.215	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.440%
50) Toluene-d8	10.332	98	704829	48.132	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.620	95	273256	50.044	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.080%
Target Compounds						
					Qvalue	
70) Styrene	12.185	104	32392	2.261	ug/l	91

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

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

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MSVOA_D

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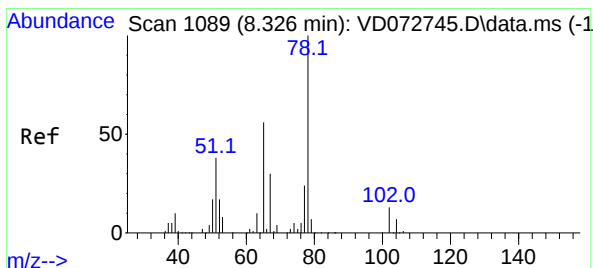
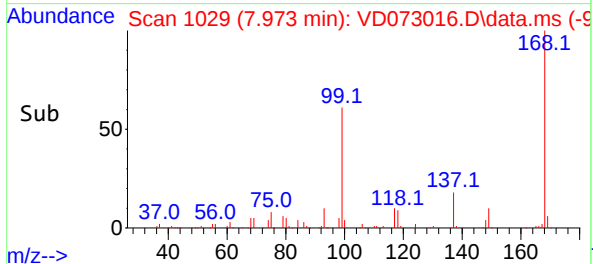
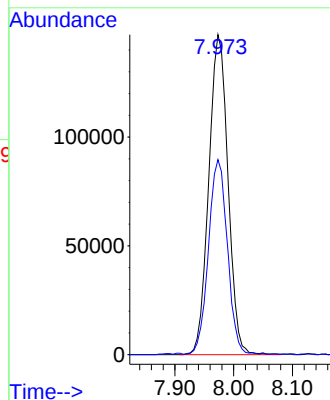
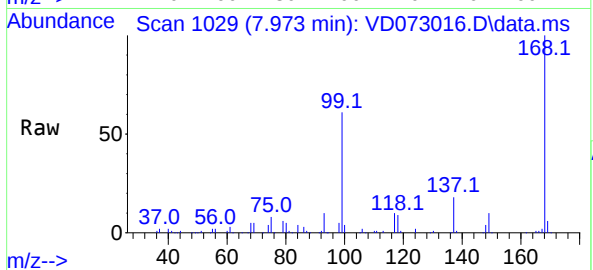
SC-2

Tgt Ion:168 Resp: 334107

Ion Ratio Lower Upper

168 100

99 60.8 49.8 74.6



1,2-Dichloroethane-d4

Concen: 42.259 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073016.D

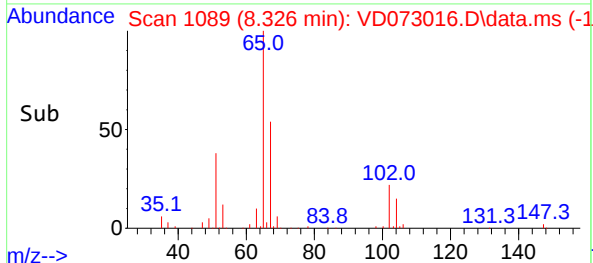
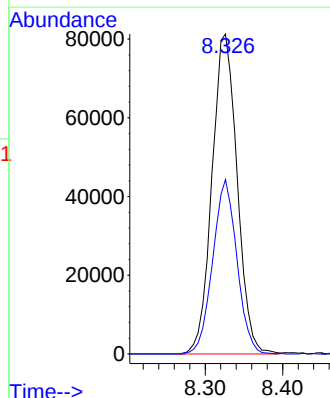
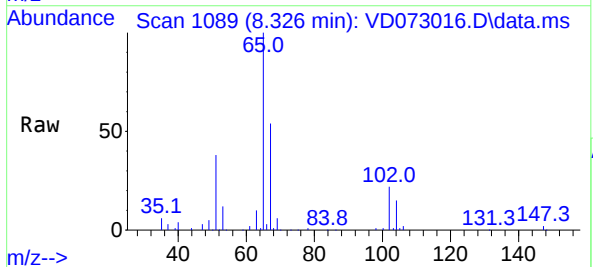
Acq: 14 May 2022 04:50

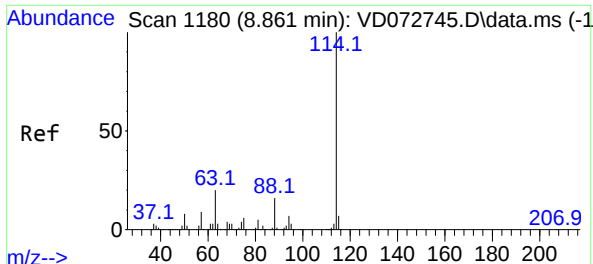
Tgt Ion: 65 Resp: 183277

Ion Ratio Lower Upper

65 100

67 52.3 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: VD073016.D

Acq: 14 May 2022 04:50

Instrument :

MSVOA_D

ClientSampleId :

SC-2

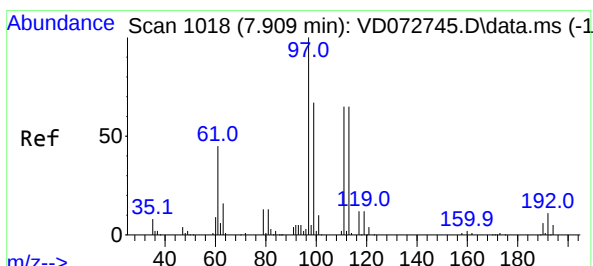
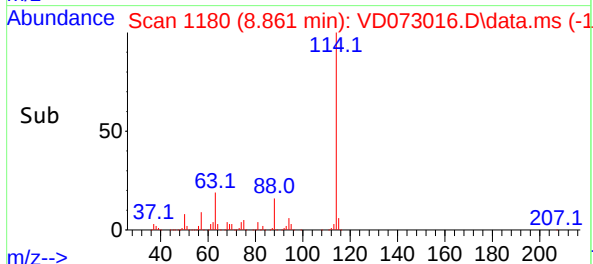
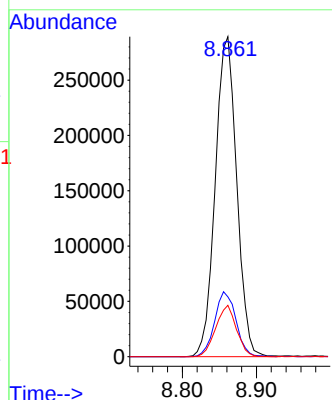
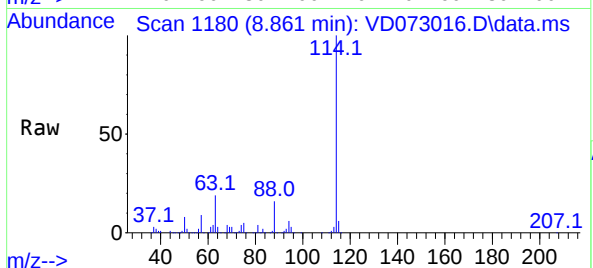
Tgt Ion:114 Resp: 581273

Ion Ratio Lower Upper

114 100

63 18.7 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.215 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073016.D

Acq: 14 May 2022 04:50

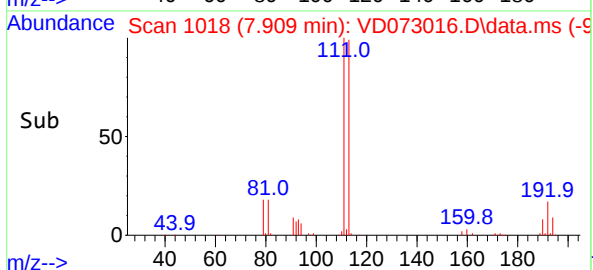
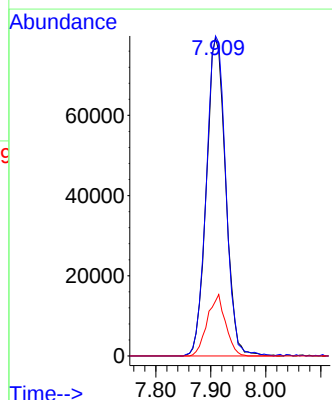
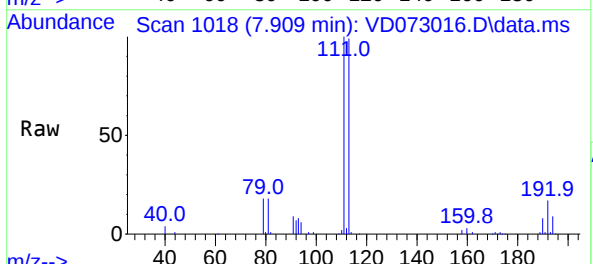
Tgt Ion:113 Resp: 192749

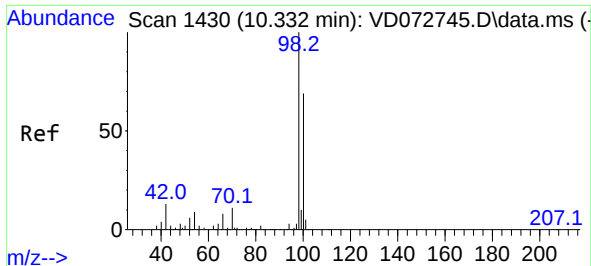
Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

192 18.4 14.6 21.8

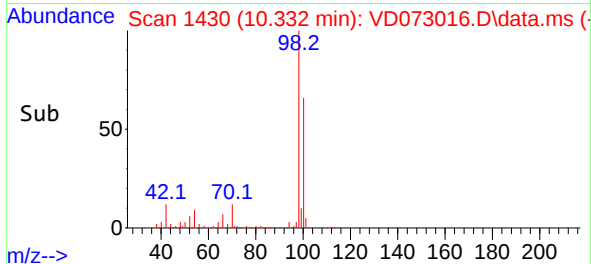
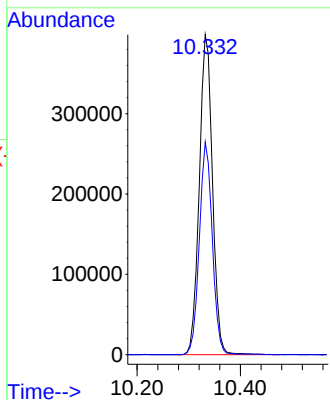
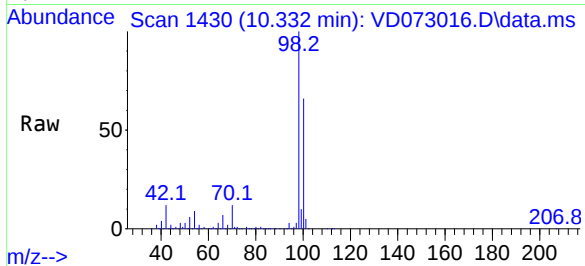




#50
Toluene-d8
Concen: 48.132 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073016.D
Acq: 14 May 2022 04:50

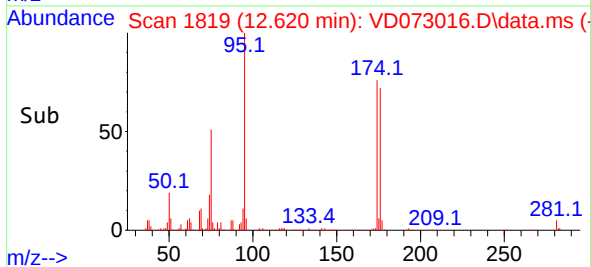
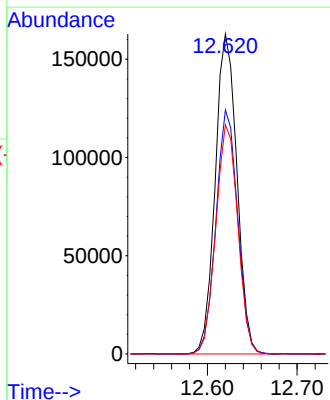
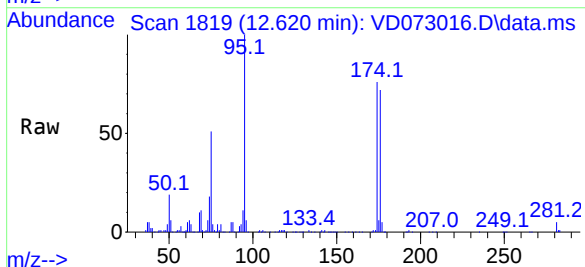
Instrument :
MSVOA_D
ClientSampleId :
SC-2

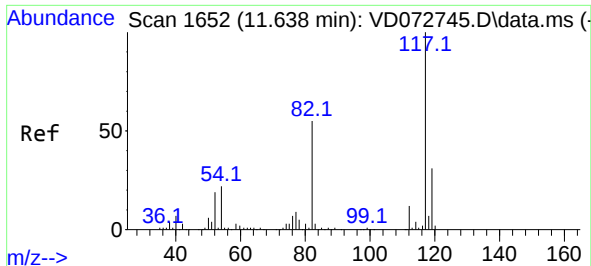
Tgt Ion: 98 Resp: 704829
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.044 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073016.D
Acq: 14 May 2022 04:50

Tgt Ion: 95 Resp: 273256
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 72.7 0.0 145.4

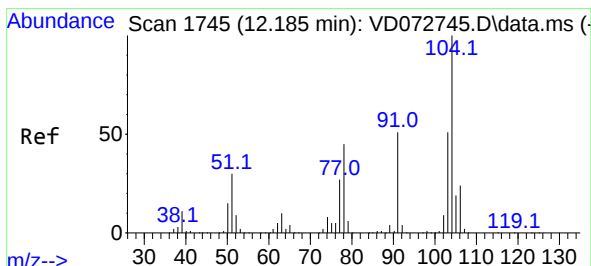
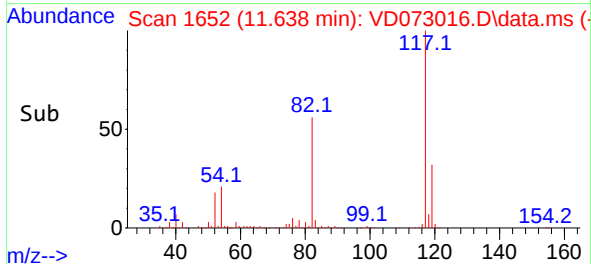
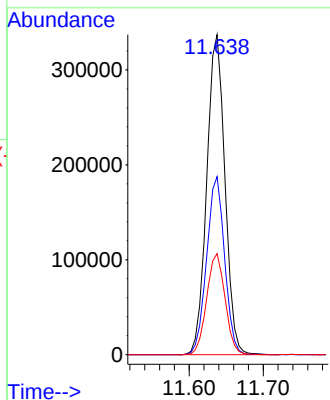
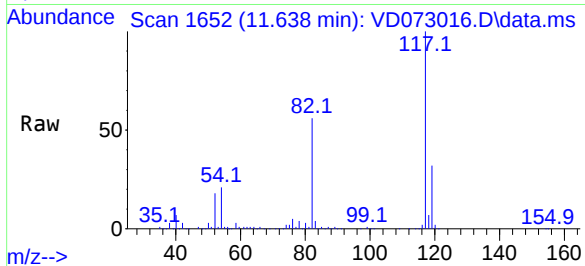




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073016.D
Acq: 14 May 2022 04:50

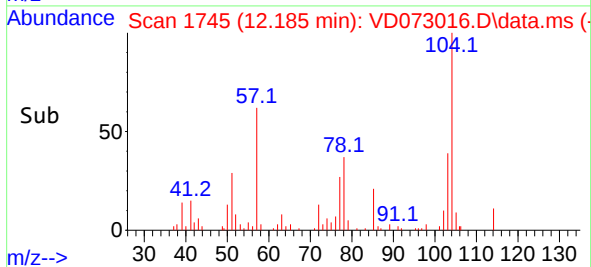
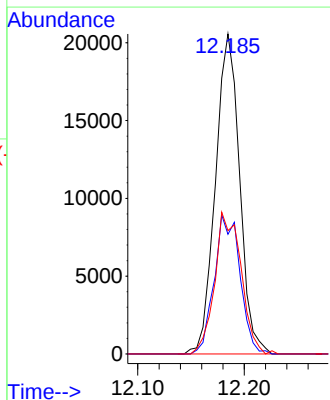
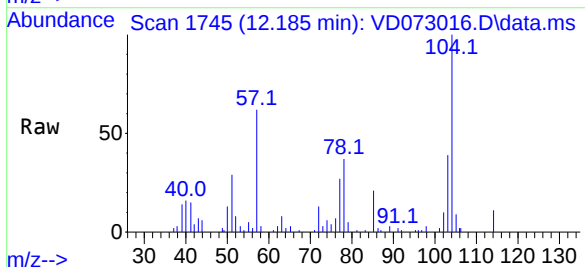
Instrument :
MSVOA_D
ClientSampleId :
SC-2

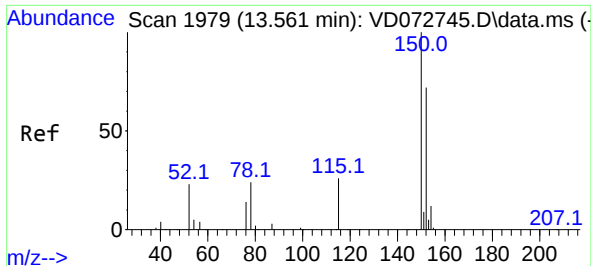
Tgt Ion:117 Resp: 574306
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 31.6 26.6 40.0



#70
Styrene
Concen: 2.261 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073016.D
Acq: 14 May 2022 04:50

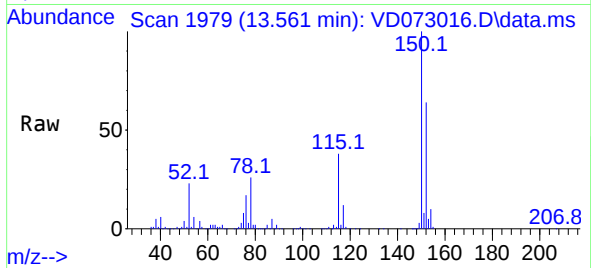
Tgt Ion:104 Resp: 32392
Ion Ratio Lower Upper
104 100
78 46.1 41.8 62.8
103 48.2 44.2 66.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073016.D
 Acq: 14 May 2022 04:50

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-2



Tgt Ion:152 Resp: 273536

Ion	Ratio	Lower	Upper
152	100		
115	60.0	31.3	93.8
150	156.3	0.0	348.6

