

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040822\
 Data File : VD072567.D
 Acq On : 08 Apr 2022 18:50
 Operator : VA/SY
 Sample : N2317-21
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-A

Quant Time: Apr 09 00:37:34 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)

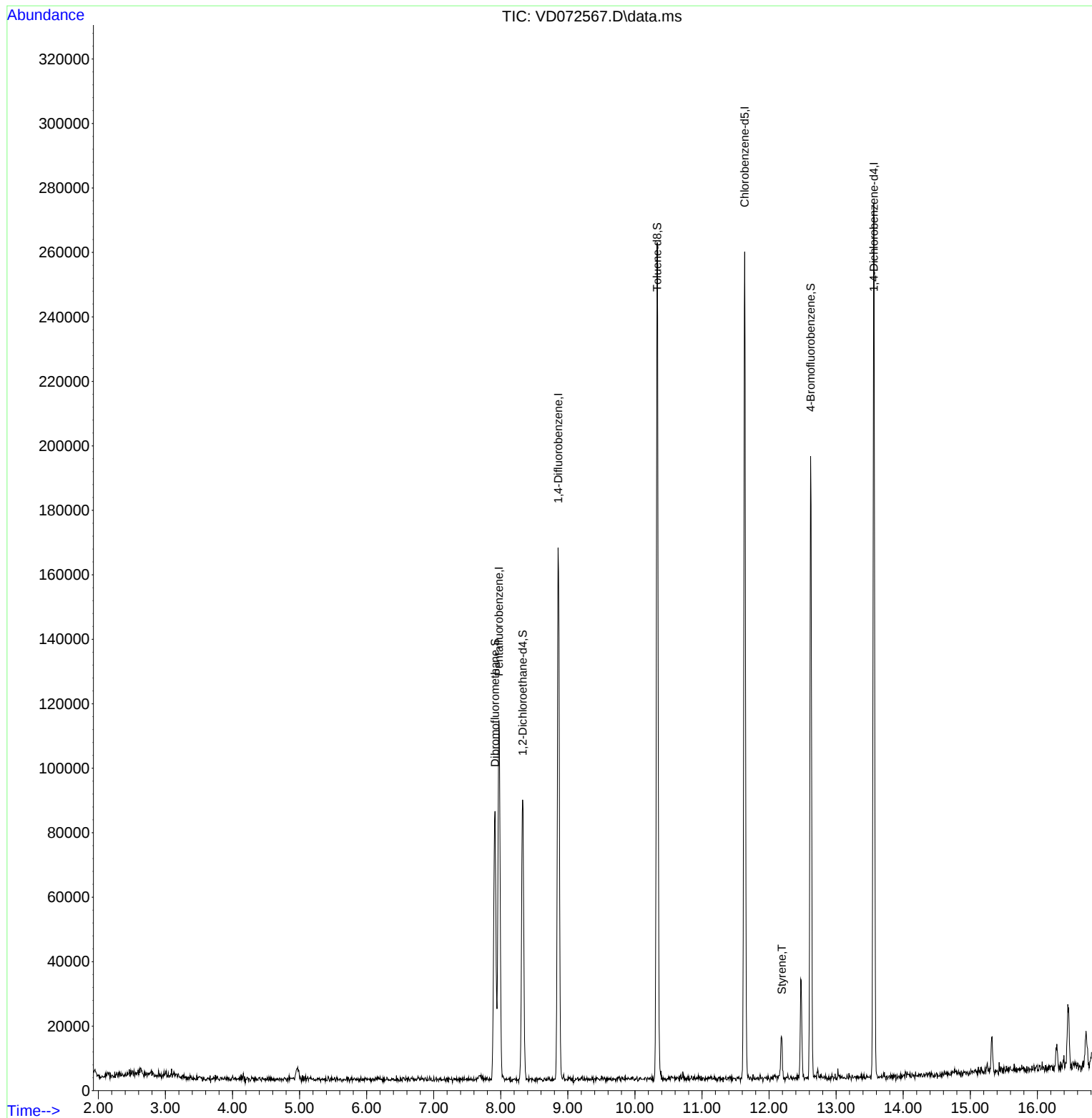
Internal Standards						
1) Pentafluorobenzene	7.973	168	80277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	145652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	151419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	72474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	71167	73.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.560%
35) Dibromofluoromethane	7.914	113	60024	53.028	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.060%
50) Toluene-d8	10.332	98	174033	44.231	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.460%
62) 4-Bromofluorobenzene	12.620	95	67195	43.728	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.460%
Target Compounds					Qvalue	
70) Styrene	12.191	104	6772	1.777	ug/l	91

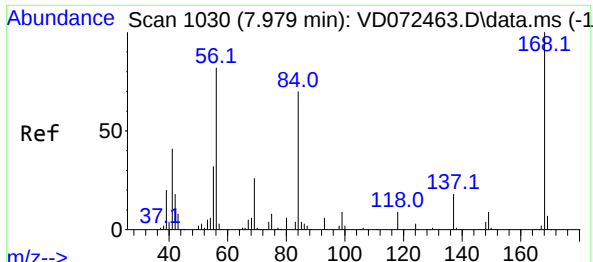
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072567.D

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Instrument :

MSVOA_D

ClientSampleId :

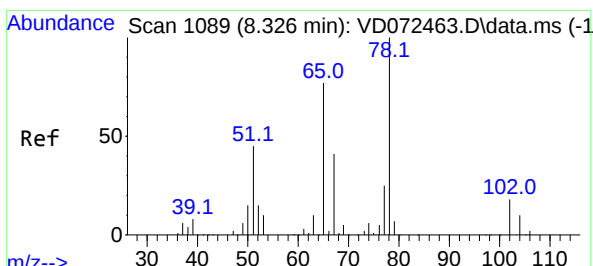
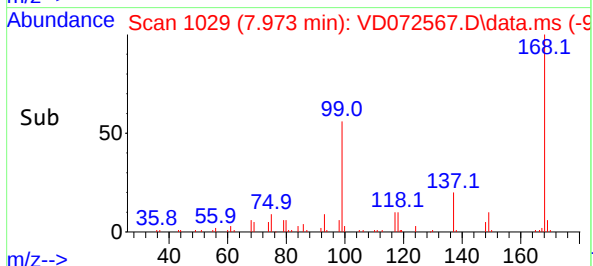
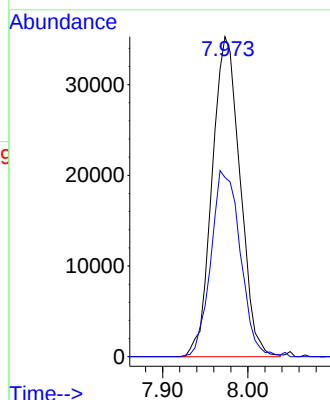
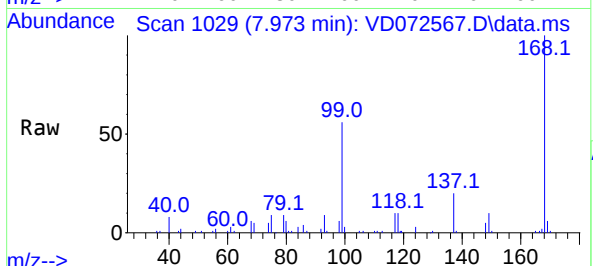
TP2-A

Tgt Ion:168 Resp: 80277

Ion Ratio Lower Upper

168 100

99 56.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 73.284 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072567.D

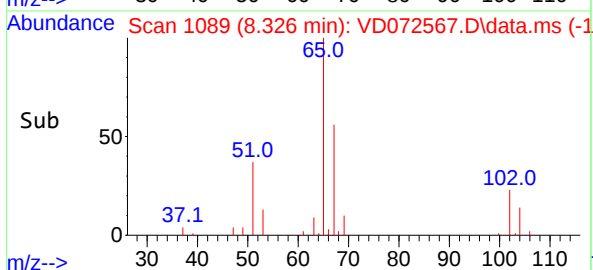
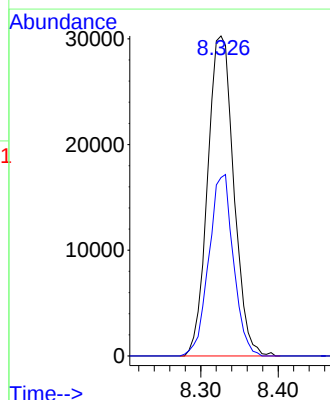
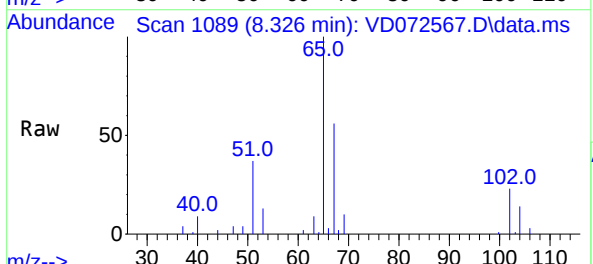
Acq: 08 Apr 2022 18:50

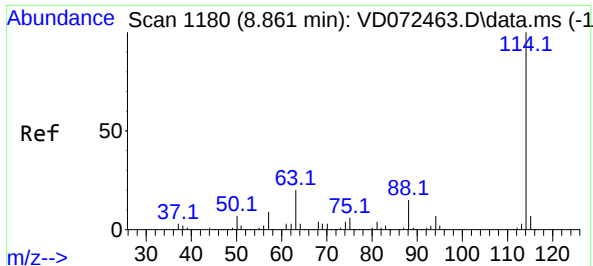
Tgt Ion: 65 Resp: 71167

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.4

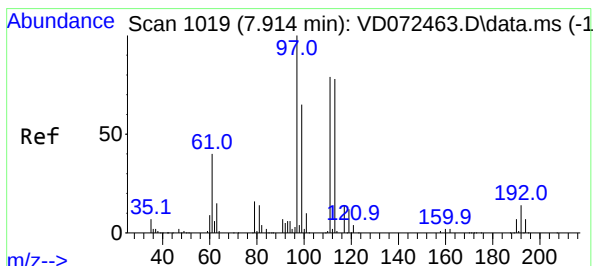
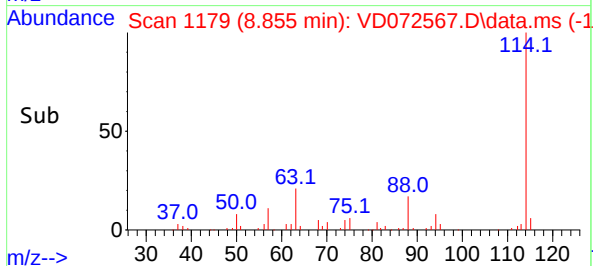
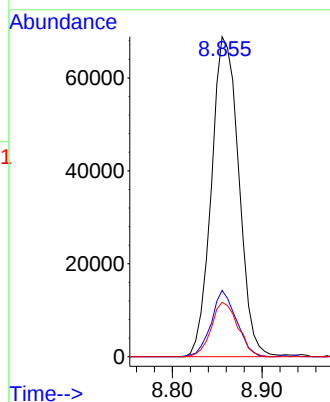
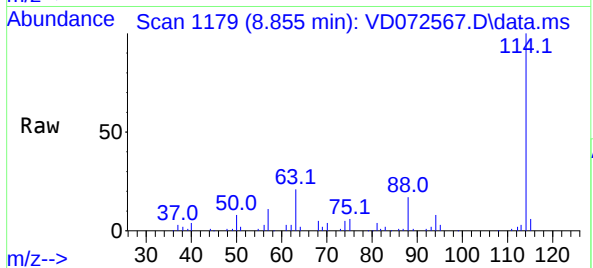




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072567.D
Acq: 08 Apr 2022 18:50

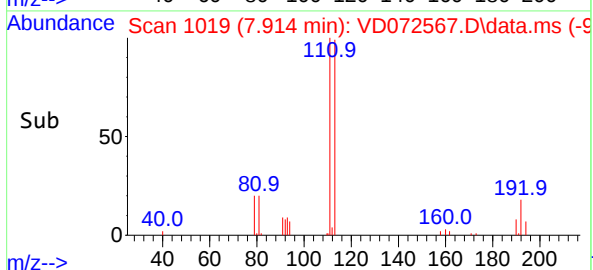
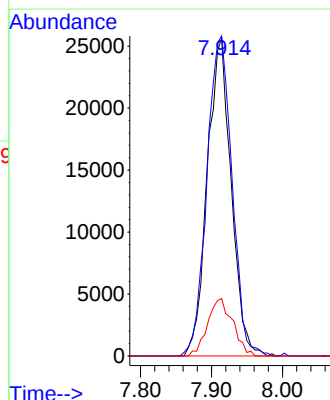
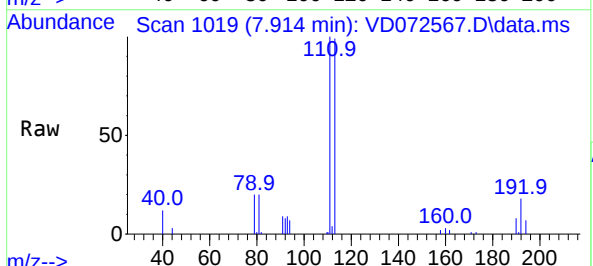
Instrument :
MSVOA_D
ClientSampleId :
TP2-A

Tgt Ion:114 Resp: 145652
Ion Ratio Lower Upper
114 100
63 20.7 0.0 46.6
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 53.028 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072567.D
Acq: 08 Apr 2022 18:50

Tgt Ion:113 Resp: 60024
Ion Ratio Lower Upper
113 100
111 105.7 83.8 125.6
192 19.0 14.6 21.8

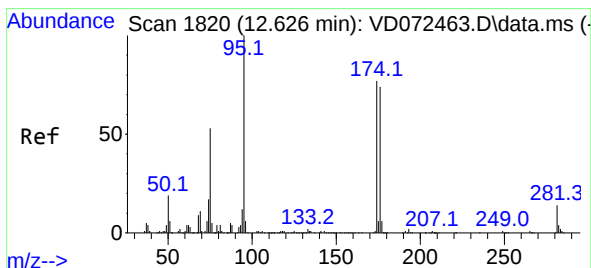
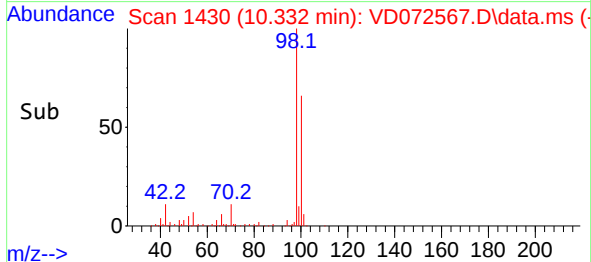
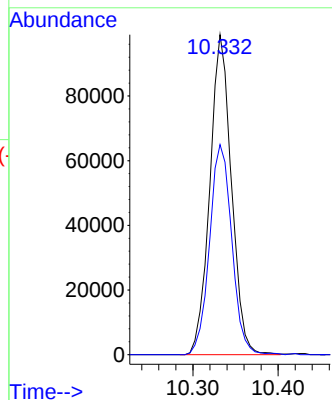
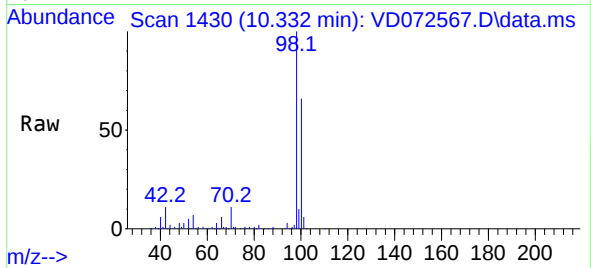




#50
Toluene-d8
Concen: 44.231 ug/l
RT: 10.332 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD072567.D
Acq: 08 Apr 2022 18:50

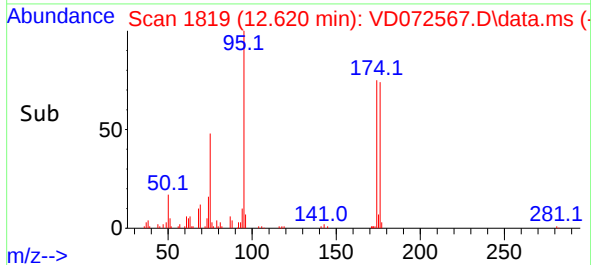
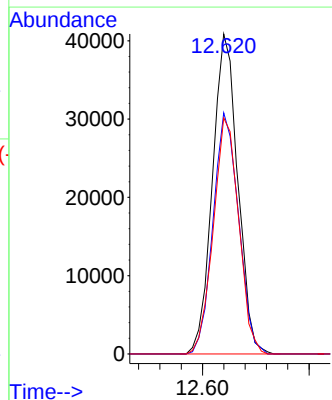
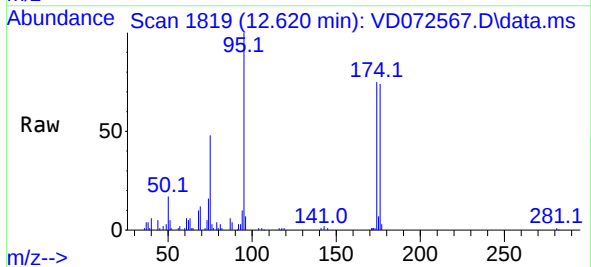
Instrument :
MSVOA_D
ClientSampleId :
TP2-A

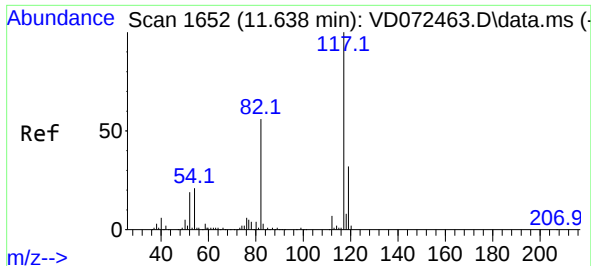
Tgt Ion: 98 Resp: 174033
Ion Ratio Lower Upper
98 100
100 67.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 43.728 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072567.D
Acq: 08 Apr 2022 18:50

Tgt Ion: 95 Resp: 67195
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 74.1 0.0 145.4

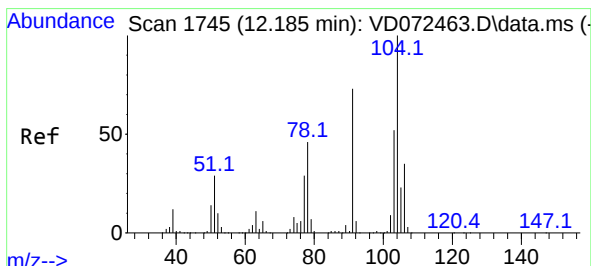
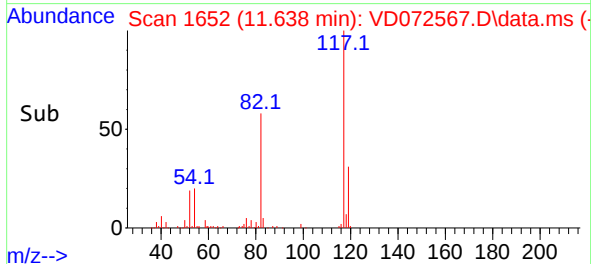
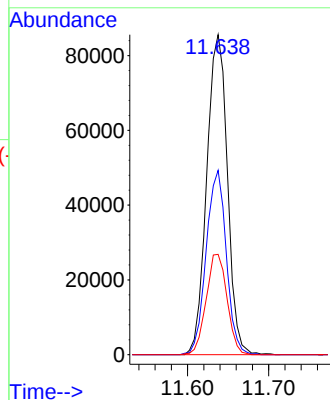
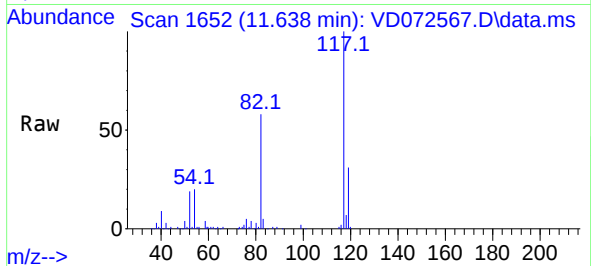




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072567.D
Acq: 08 Apr 2022 18:50

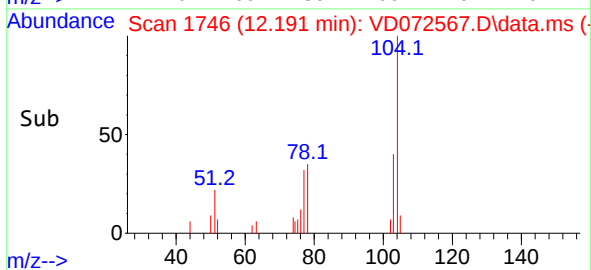
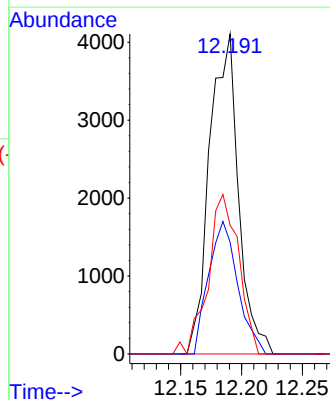
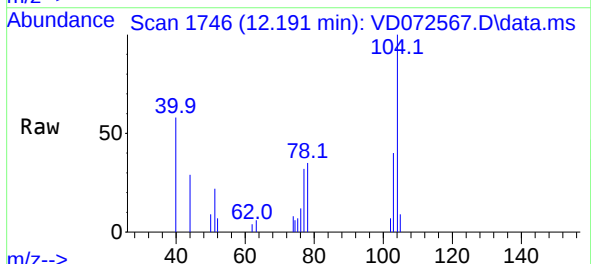
Instrument :
MSVOA_D
ClientSampleId :
TP2-A

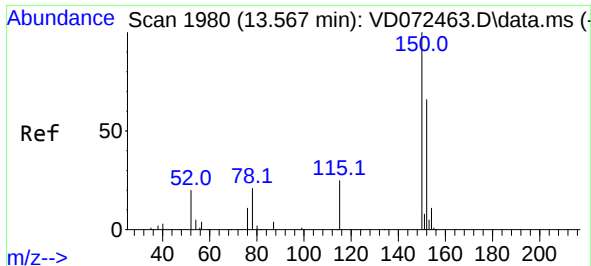
Tgt Ion:117 Resp: 151419
Ion Ratio Lower Upper
117 100
82 57.6 45.3 67.9
119 31.3 26.6 40.0



#70
Styrene
Concen: 1.777 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD072567.D
Acq: 08 Apr 2022 18:50

Tgt Ion:104 Resp: 6772
Ion Ratio Lower Upper
104 100
78 42.0 41.8 62.8
103 52.6 44.2 66.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 19

Delta R.T. -0.006 min

Lab File: VD072567.D

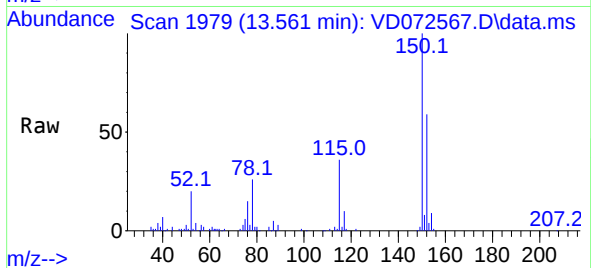
Acq: 08 Apr 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

TP2-A



Tgt Ion:152 Resp: 72474

Ion Ratio Lower Upper

152 100

115 58.5 31.3 93.8

150 157.3 0.0 348.6

