

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073126.D
 Acq On : 19 May 2022 05:39
 Operator : VA/SY
 Sample : N2842-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P009-SS003-2430-02

Quant Time: May 19 06:14:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

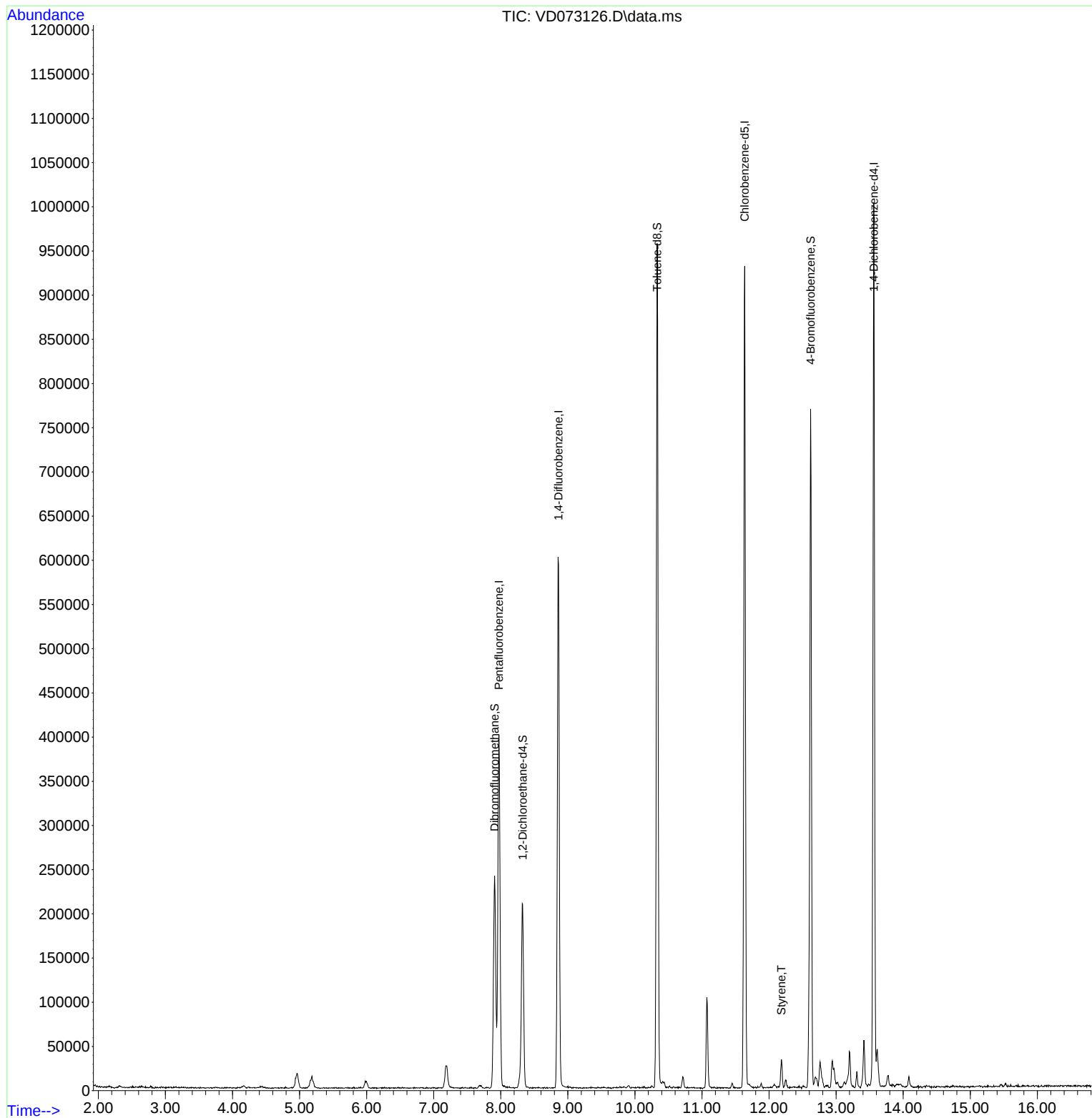
Internal Standards						
1) Pentafluorobenzene	7.973	168	284128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	515579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	534449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	252122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	166568	46.878	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.760%
35) Dibromofluoromethane	7.908	113	176304	48.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.400%
50) Toluene-d8	10.332	98	639436	48.691	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.620	95	249502	52.455	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.900%
Target Compounds						
					Qvalue	
70) Styrene	12.185	104	15552	1.181	ug/l	86

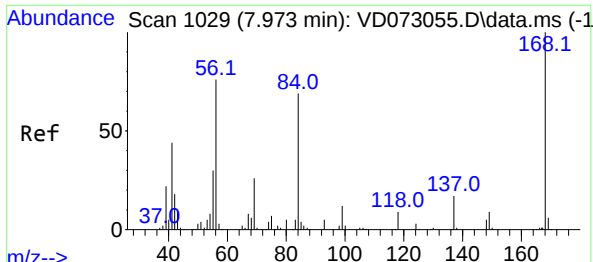
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

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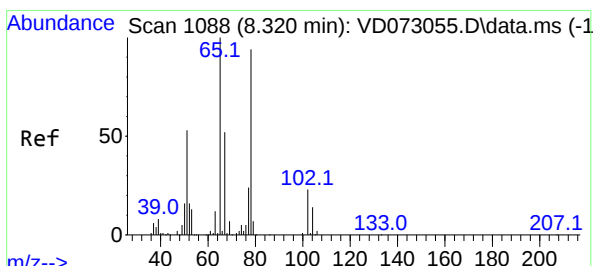
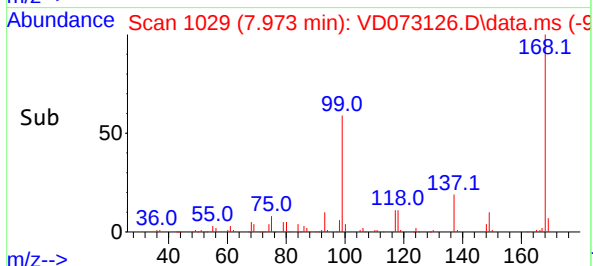
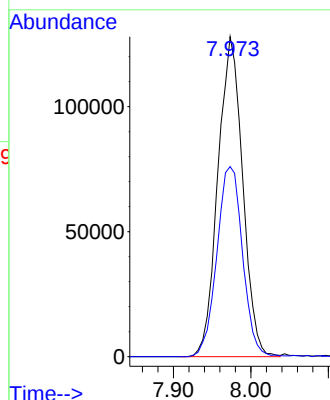
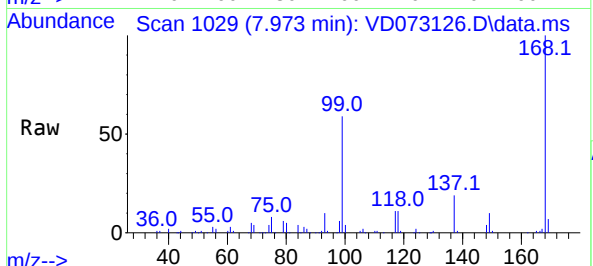
P009-SS003-2430-02

Tgt Ion:168 Resp: 284128

Ion Ratio Lower Upper

168 100

99 59.4 49.8 74.6



1,2-Dichloroethane-d4

Concen: 46.878 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073126.D

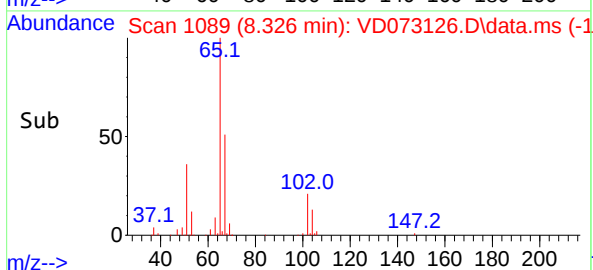
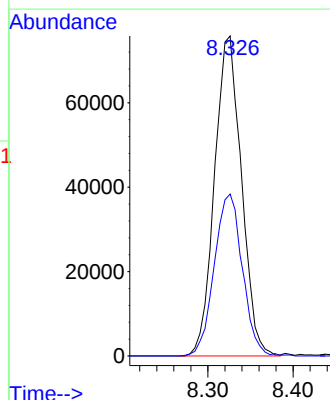
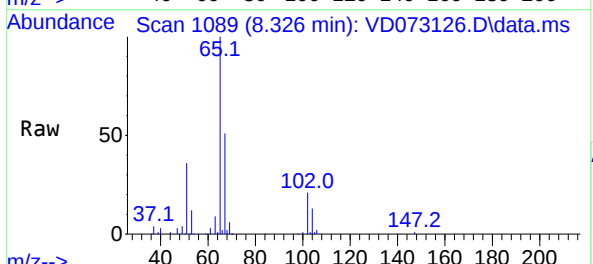
Acq: 19 May 2022 05:39

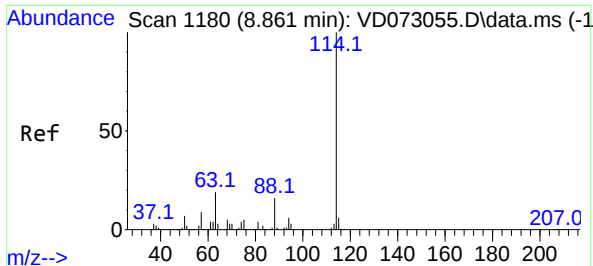
Tgt Ion: 65 Resp: 166568

Ion Ratio Lower Upper

65 100

67 52.9 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: VD073126.D

Acq: 19 May 2022 05:39

Instrument :

MSVOA_D

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P009-SS003-2430-02

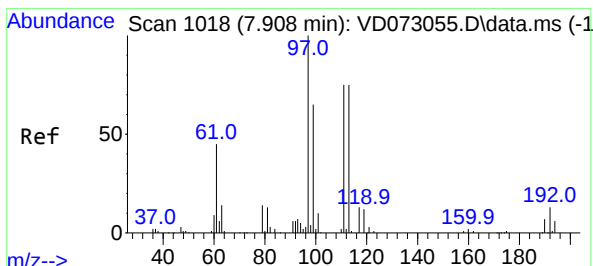
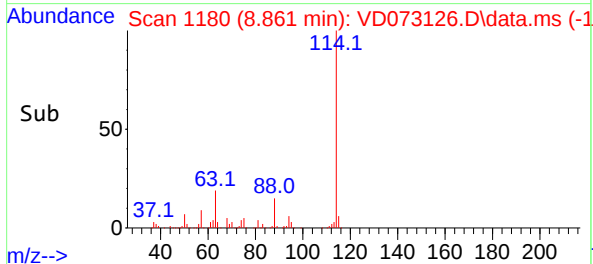
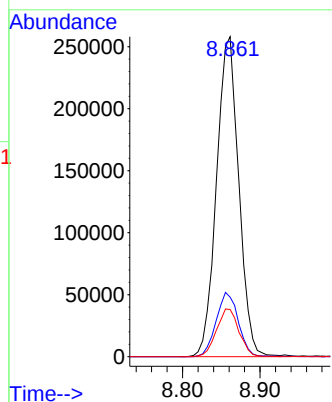
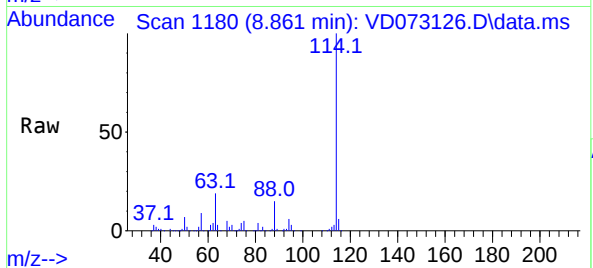
Tgt Ion:114 Resp: 515579

Ion Ratio Lower Upper

114 100

63 18.6 0.0 46.6

88 14.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.703 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073126.D

Acq: 19 May 2022 05:39

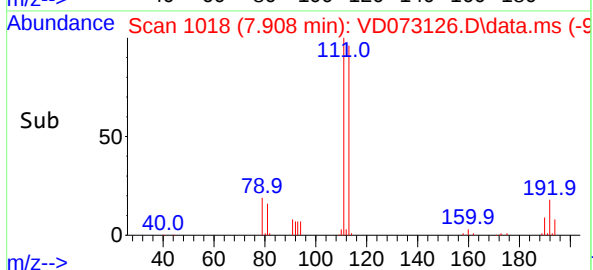
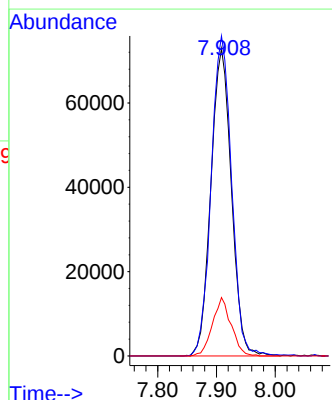
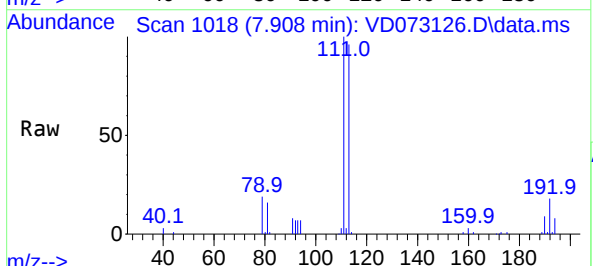
Tgt Ion:113 Resp: 176304

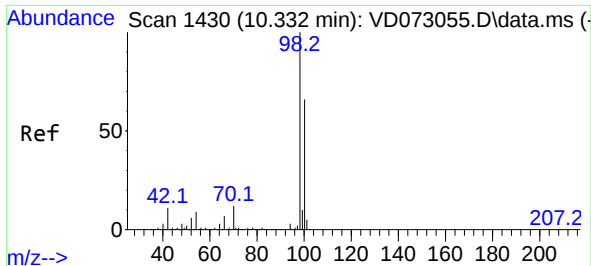
Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.6

192 17.3 14.6 21.8

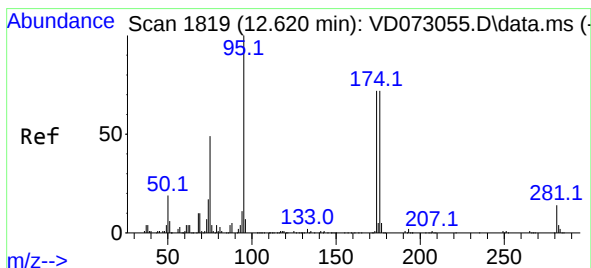
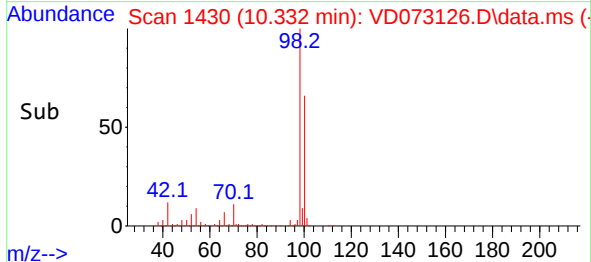
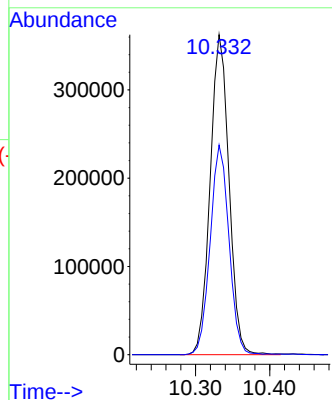
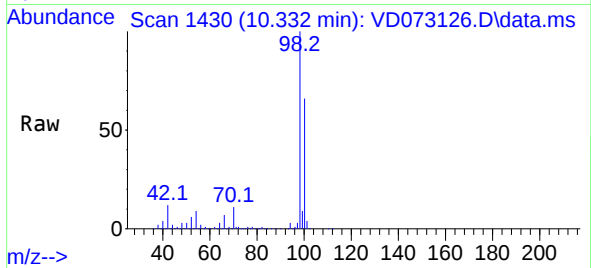




#50
Toluene-d8
Concen: 48.691 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

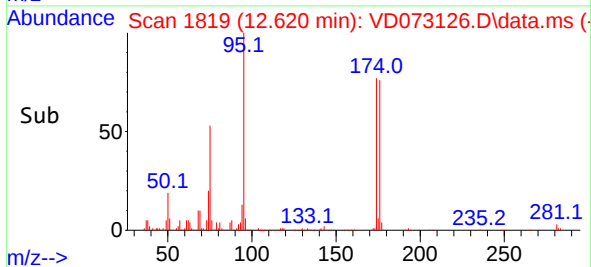
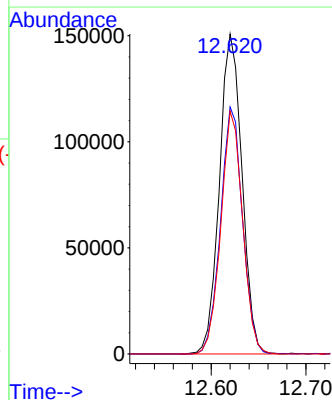
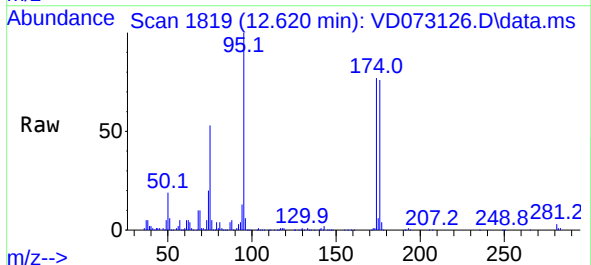
Instrument :
MSVOA_D
ClientSampleId :
P009-SS003-2430-02

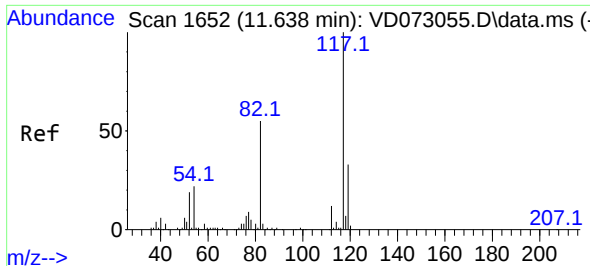
Tgt Ion: 98 Resp: 639436
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.455 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

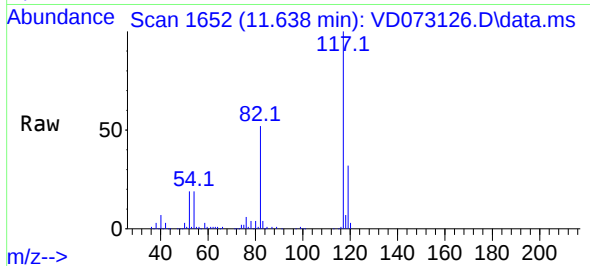
Tgt Ion: 95 Resp: 249502
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 73.1 0.0 145.4



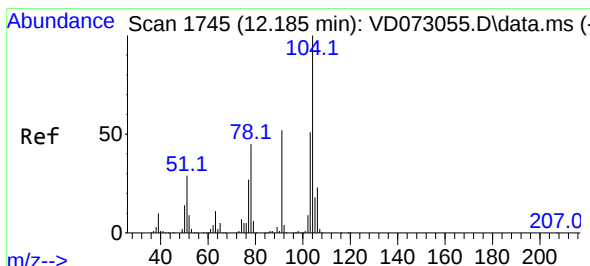
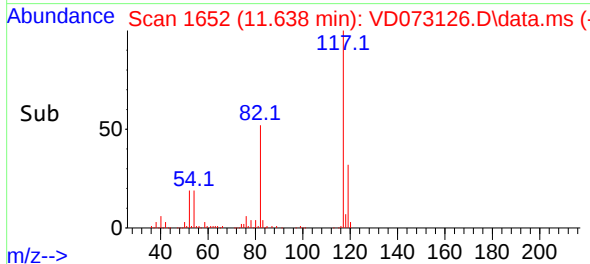
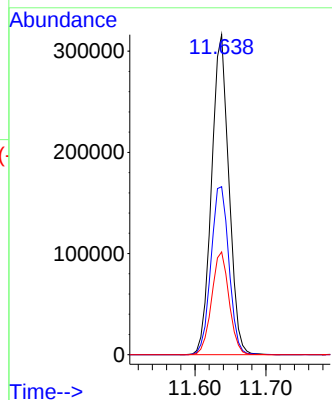


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

Instrument :
MSVOA_D
ClientSampleId :
P009-SS003-2430-02

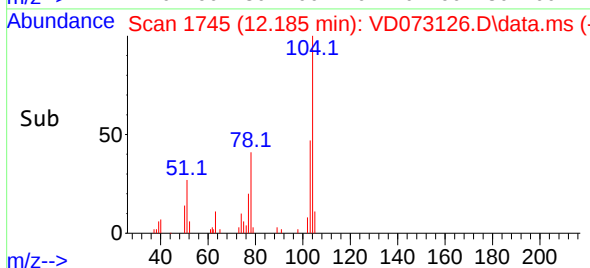
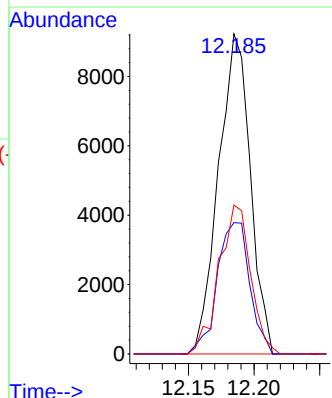
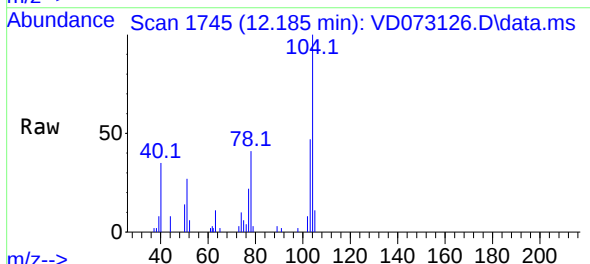


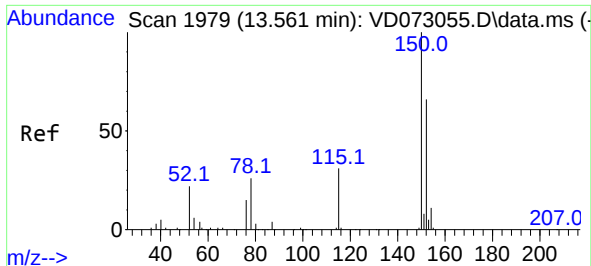
Tgt Ion:117 Resp: 534449
Ion Ratio Lower Upper
117 100
82 52.5 45.3 67.9
119 32.1 26.6 40.0



#70
Styrene
Concen: 1.181 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

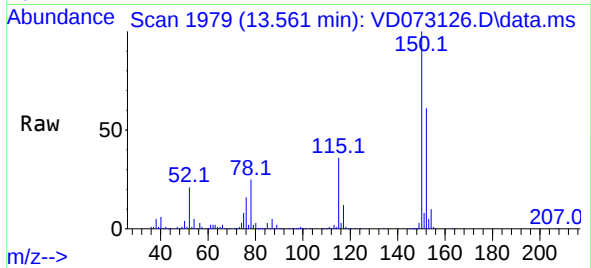
Tgt Ion:104 Resp: 15552
Ion Ratio Lower Upper
104 100
78 42.0 41.8 62.8
103 46.1 44.2 66.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073126.D
 Acq: 19 May 2022 05:39

Instrument :
 MSVOA_D
 ClientSampleId :
 P009-SS003-2430-02



Tgt Ion:152 Resp: 252122
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.3 93.8
 150 162.0 0.0 348.6

