

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073326.D
 Acq On : 24 May 2022 15:51
 Operator : VA/SY
 Sample : N2949-09
 Misc : 5.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-1824-01

Quant Time: May 25 05:27:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

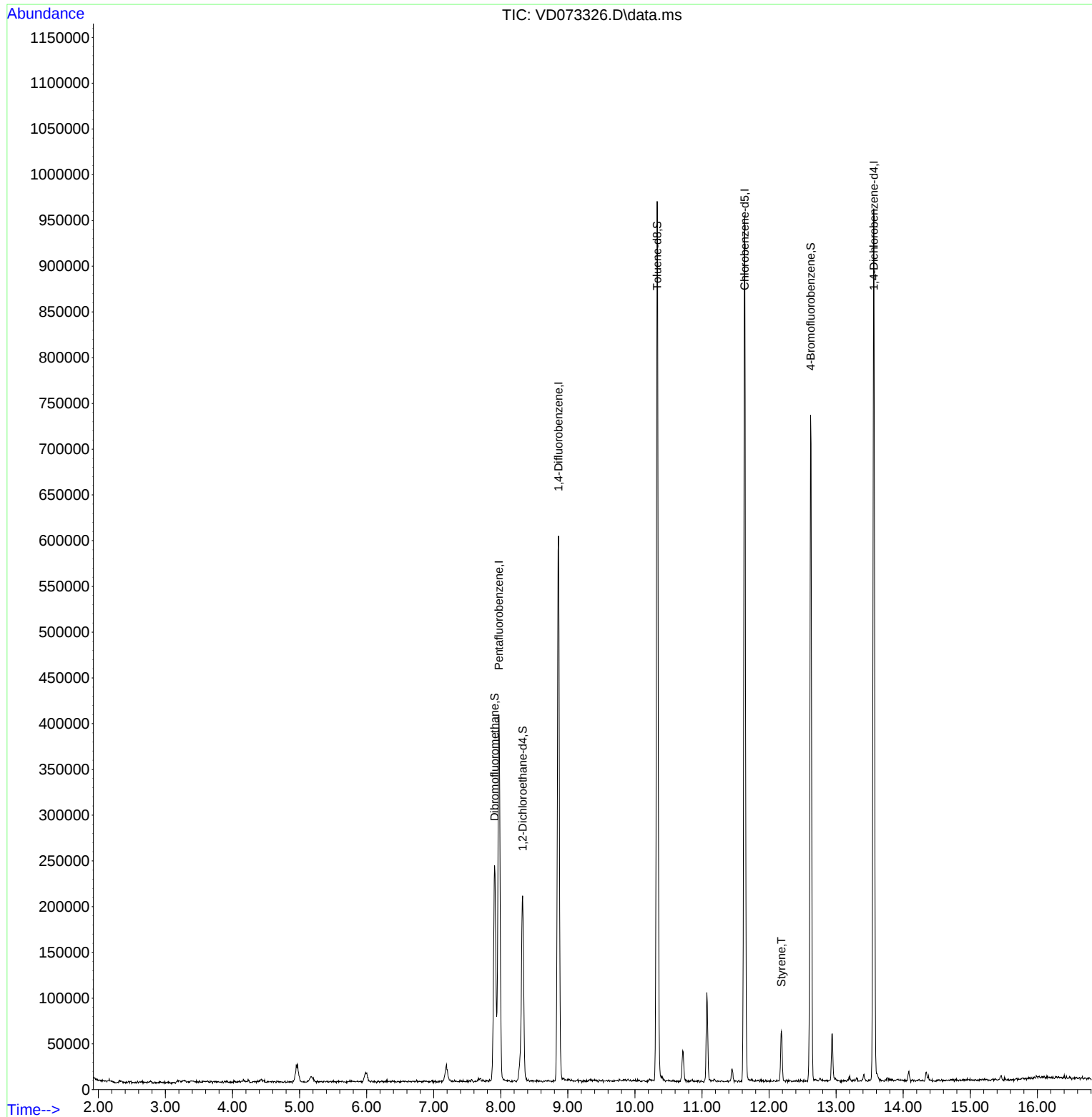
Internal Standards						
1) Pentafluorobenzene	7.973	168	288384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	515533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	549212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	157850	49.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.060%
35) Dibromofluoromethane	7.908	113	173185	50.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.820%
50) Toluene-d8	10.332	98	640528	51.079	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.620	95	237758	54.026	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.060%
Target Compounds						
					Qvalue	
70) Styrene	12.185	104	27786	2.288	ug/l #	88

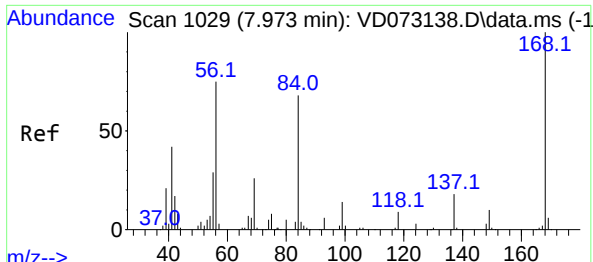
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073326.D

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ClientSampleId :

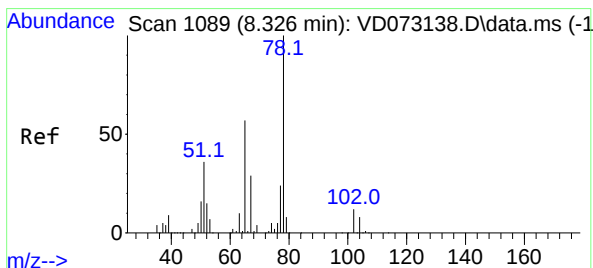
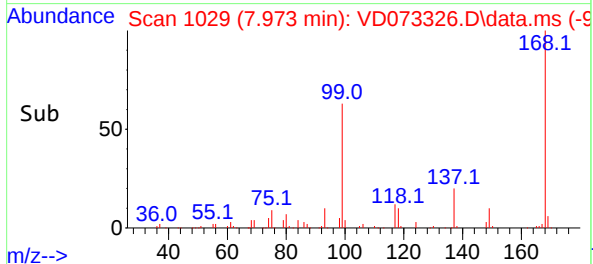
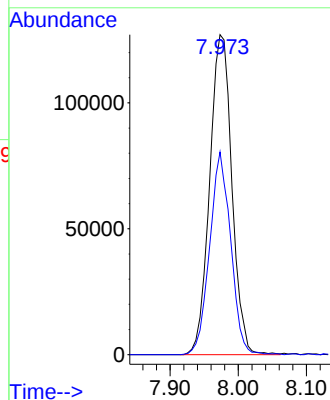
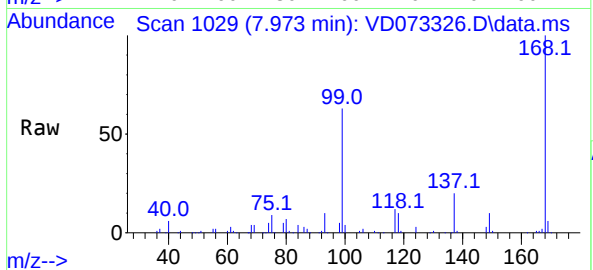
P043-SS001-1824-01

Tgt Ion:168 Resp: 288384

Ion Ratio Lower Upper

168 100

99 63.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 49.529 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073326.D

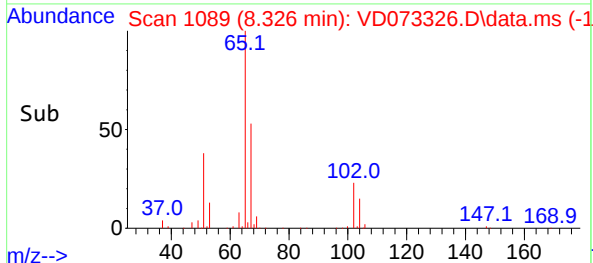
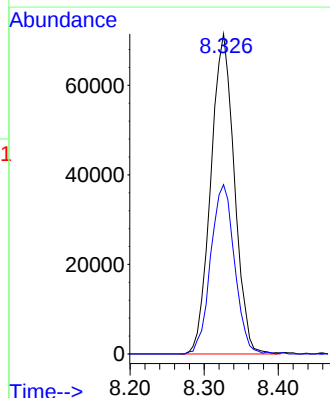
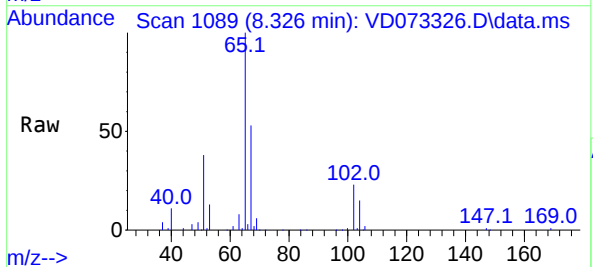
Acq: 24 May 2022 15:51

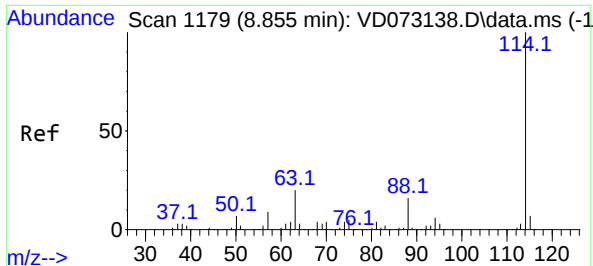
Tgt Ion: 65 Resp: 157850

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073326.D

Acq: 24 May 2022 15:51

Instrument :

MSVOA_D

ClientSampleId :

P043-SS001-1824-01

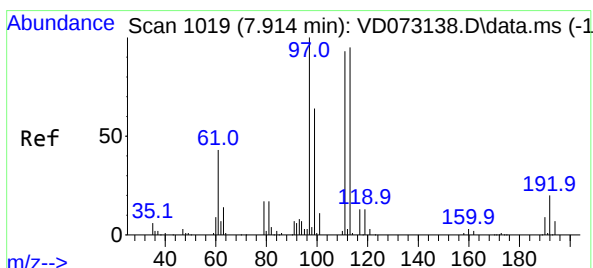
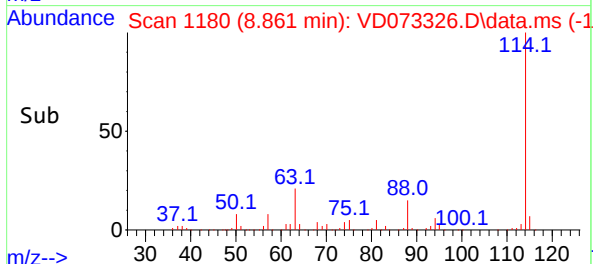
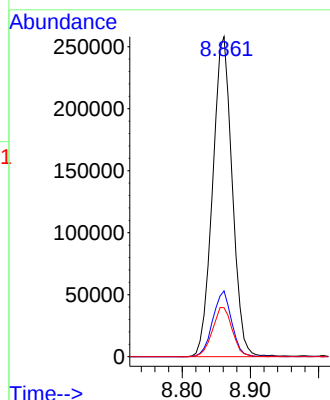
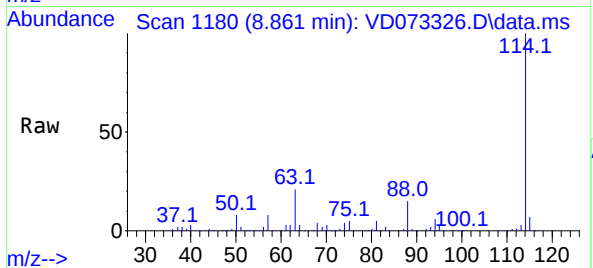
Tgt Ion:114 Resp: 515533

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.909 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073326.D

Acq: 24 May 2022 15:51

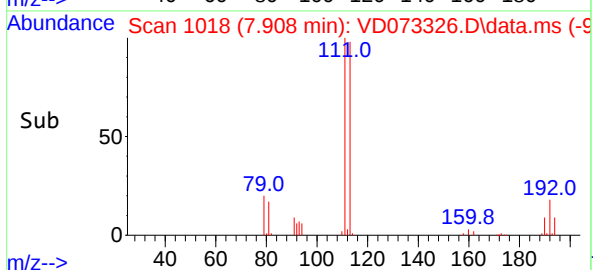
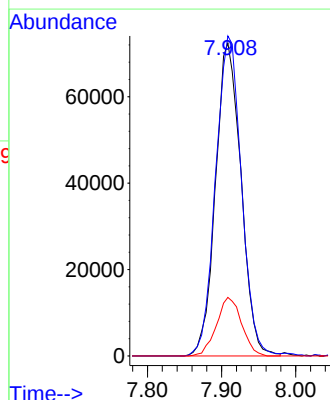
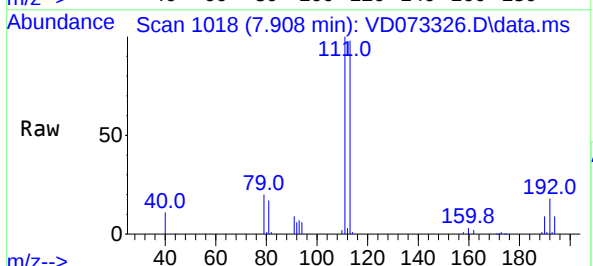
Tgt Ion:113 Resp: 173185

Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 18.4 14.6 21.8

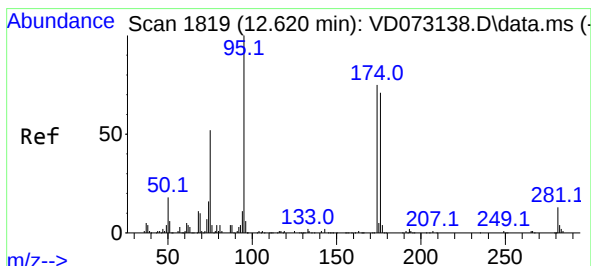
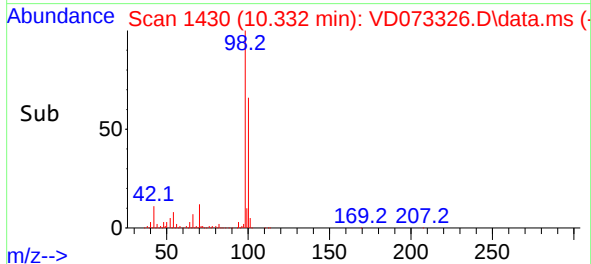
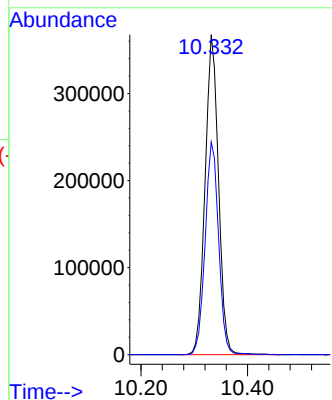
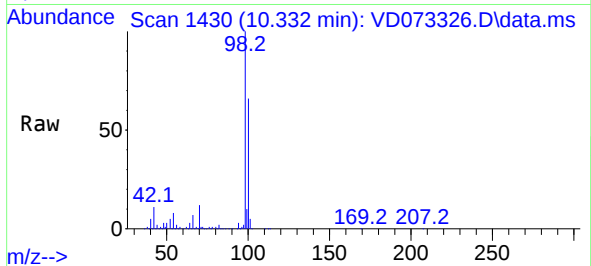




#50
Toluene-d8
Concen: 51.079 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073326.D
Acq: 24 May 2022 15:51

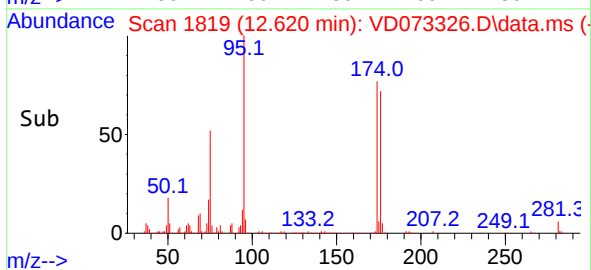
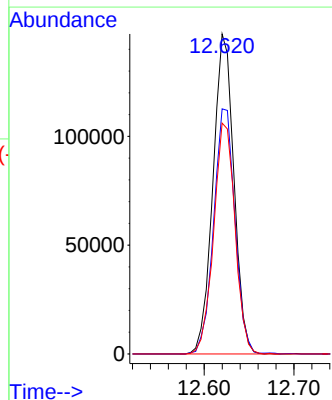
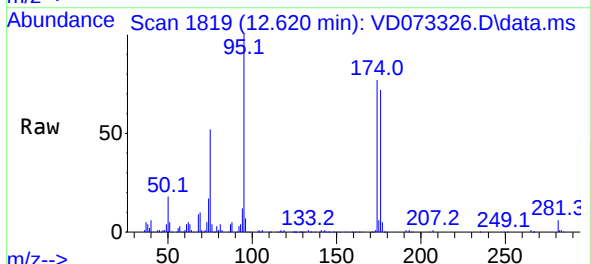
Instrument :
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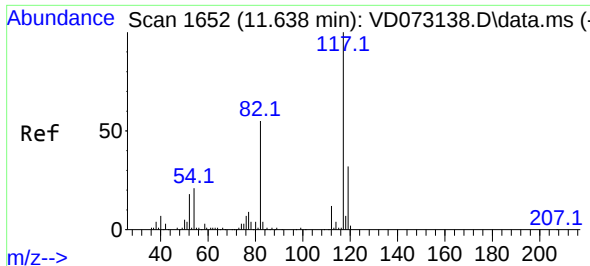
Tgt Ion: 98 Resp: 640528
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.026 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073326.D
Acq: 24 May 2022 15:51

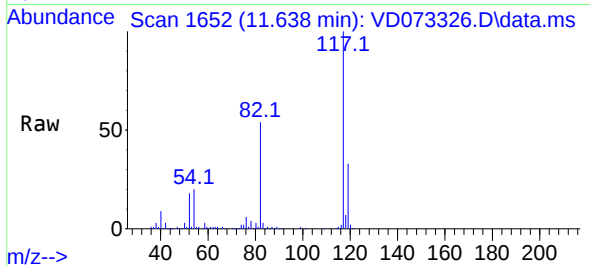
Tgt Ion: 95 Resp: 237758
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.8
176 73.6 0.0 145.4



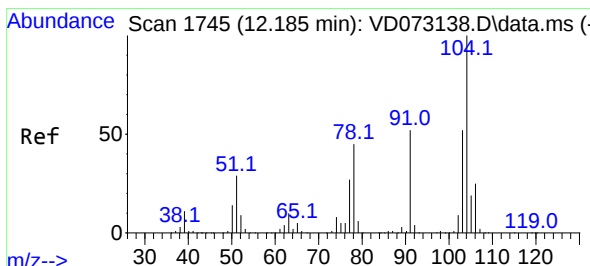
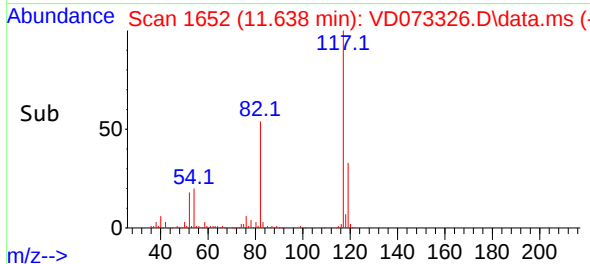
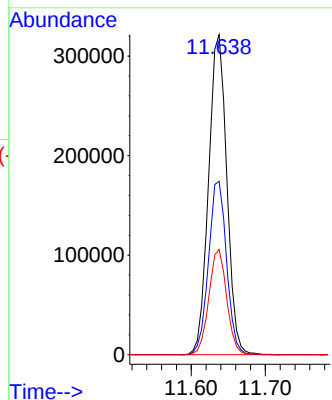


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073326.D
Acq: 24 May 2022 15:51

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-1824-01

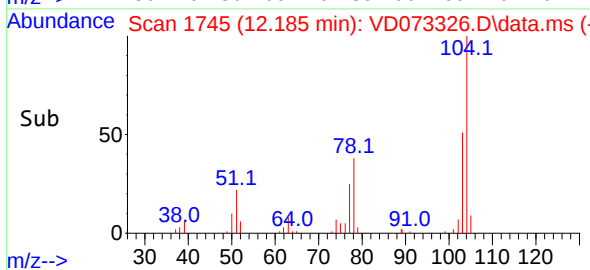
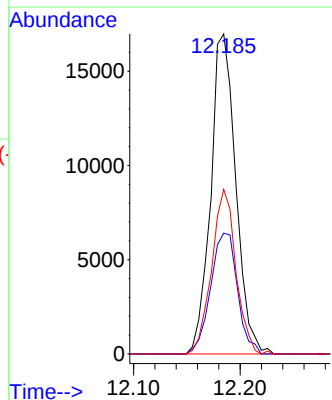
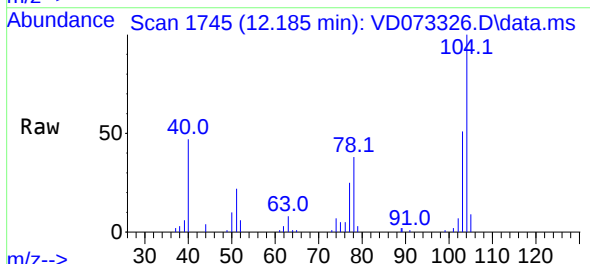


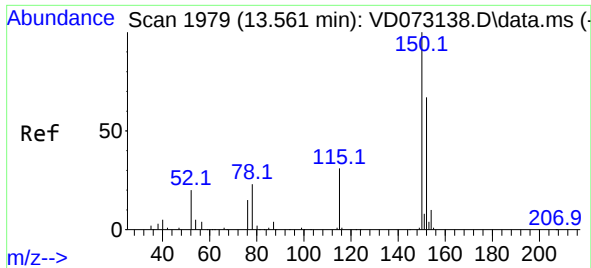
Tgt Ion:	117	Resp:	549212
Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.3	67.9
119	32.9	26.6	40.0



#70
Styrene
Concen: 2.288 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073326.D
Acq: 24 May 2022 15:51

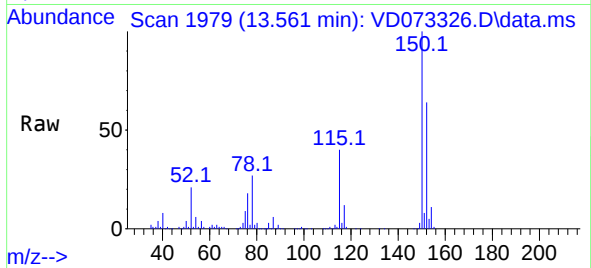
Tgt Ion:	104	Resp:	27786
Ion	Ratio	Lower	Upper
104	100		
78	40.4	41.8	62.8
103	49.7	44.2	66.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073326.D
 Acq: 24 May 2022 15:51

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-1824-01



Tgt Ion:152 Resp: 248731
 Ion Ratio Lower Upper
 152 100
 115 61.3 31.3 93.8
 150 157.6 0.0 348.6

