

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073410.D
 Acq On : 27 May 2022 14:42
 Operator : VA/SY
 Sample : N3080-01
 Misc : 4.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-4

Quant Time: May 28 09:44:11 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)

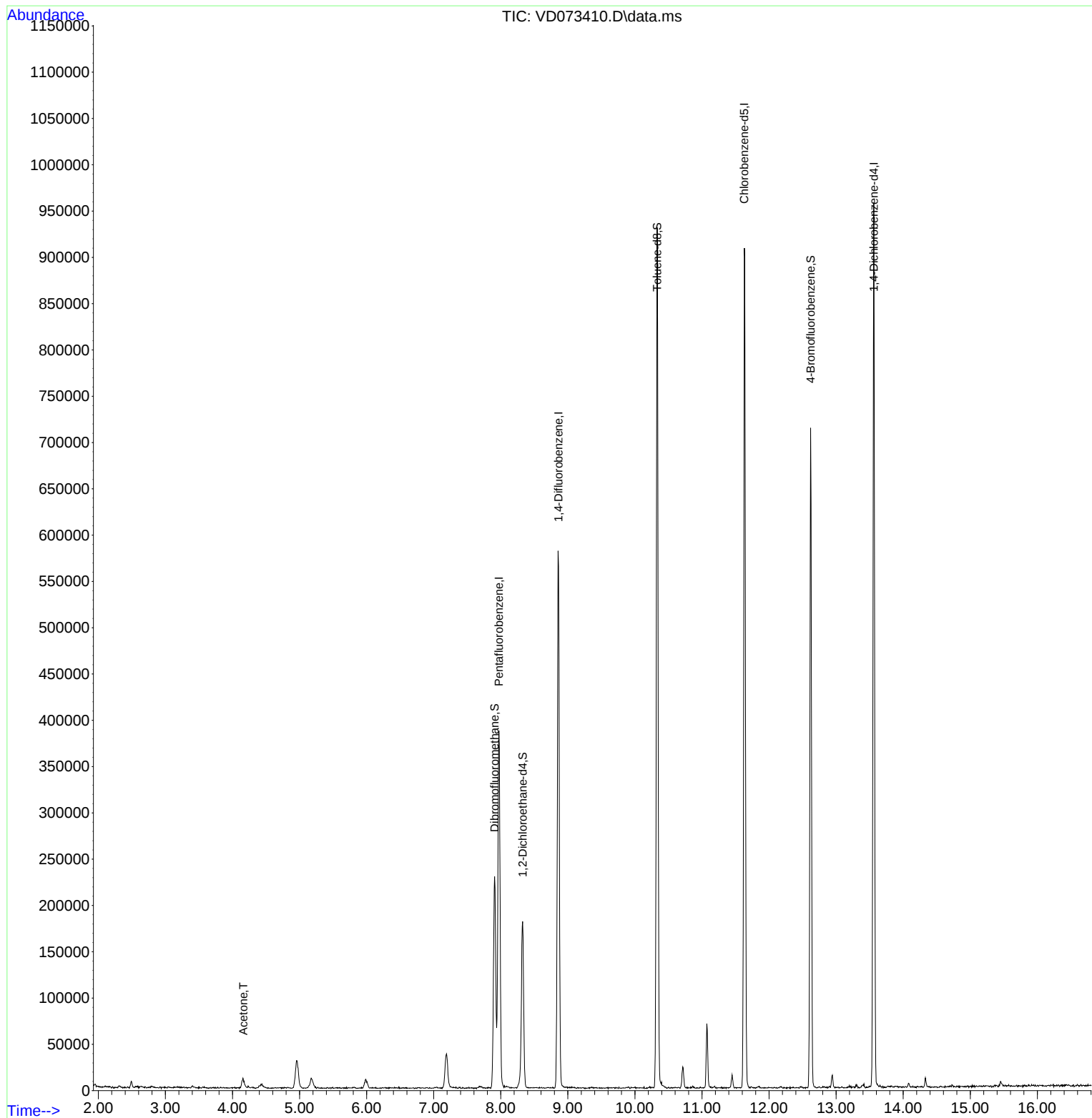
Internal Standards						
1) Pentafluorobenzene	7.973	168	279014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	498336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	534592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	244095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	145284	47.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.240%
35) Dibromofluoromethane	7.908	113	167444	50.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.840%
50) Toluene-d8	10.332	98	618980	51.064	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.120%
62) 4-Bromofluorobenzene	12.620	95	228722	53.766	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.540%
Target Compounds						
16) Acetone	4.161	43	17618	32.987	ug/l	Qvalue # 83

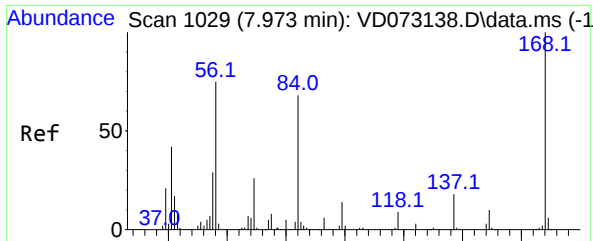
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073410.D

Acq: 27 May 2022 14:42

Instrument :

MSVOA_D

ClientSampleId :

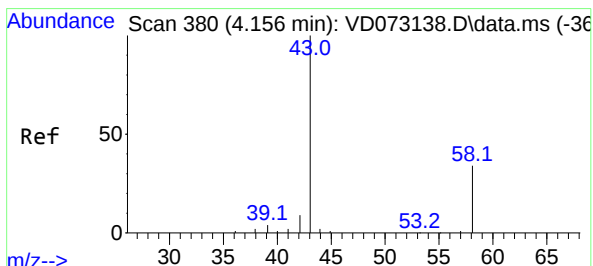
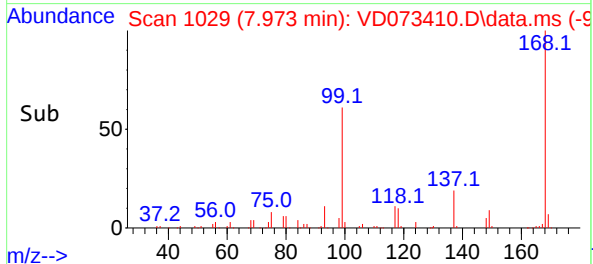
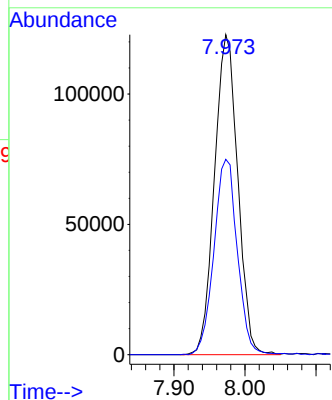
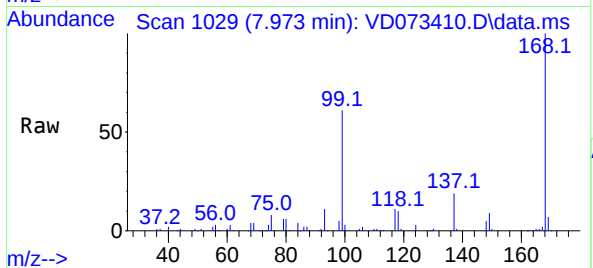
WC-4

Tgt Ion:168 Resp: 279014

Ion Ratio Lower Upper

168 100

99 61.0 49.8 74.6



#16

Acetone

Concen: 32.987 ug/l

RT: 4.161 min Scan# 381

Delta R.T. 0.005 min

Lab File: VD073410.D

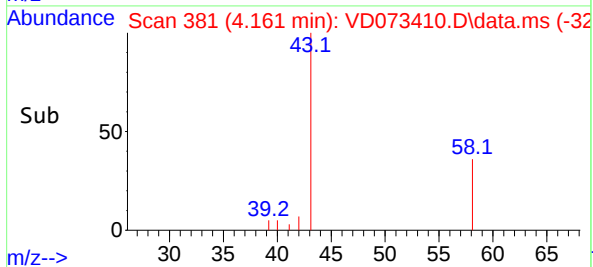
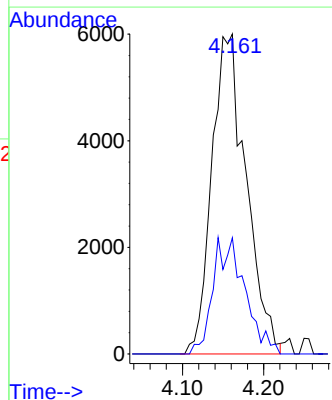
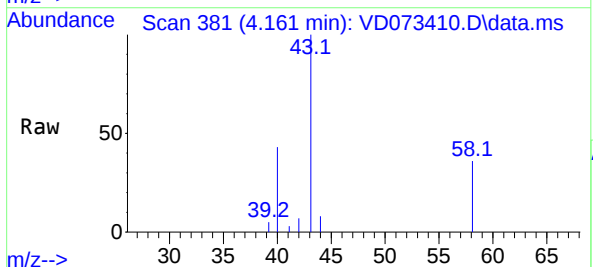
Acq: 27 May 2022 14:42

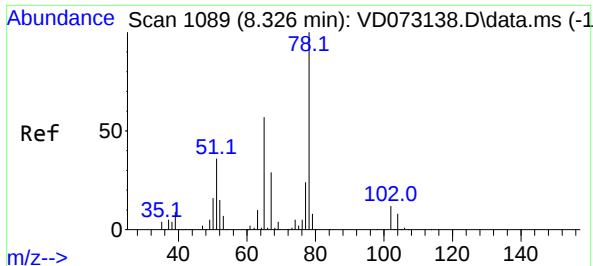
Tgt Ion: 43 Resp: 17618

Ion Ratio Lower Upper

43 100

58 36.3 22.1 33.1#

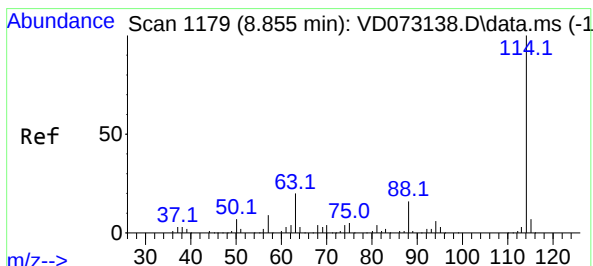
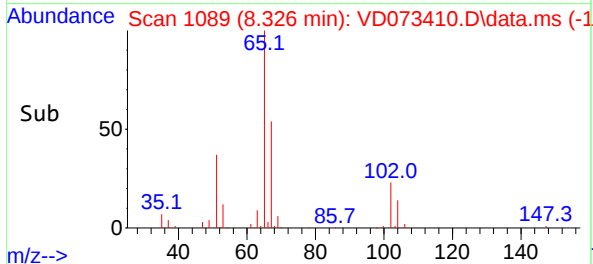
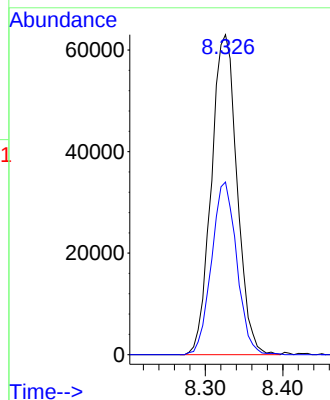
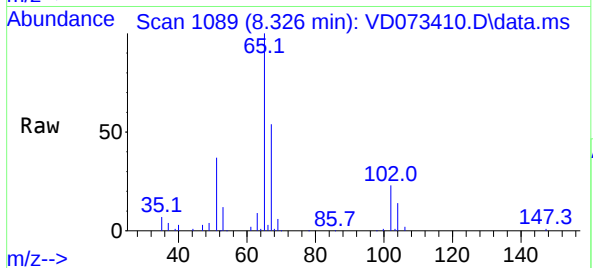




#33
1,2-Dichloroethane-d4
Concen: 47.117 ug/l
RT: 8.326 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

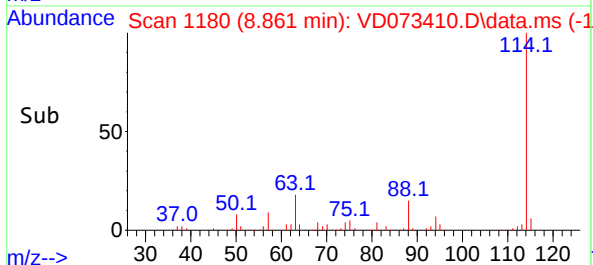
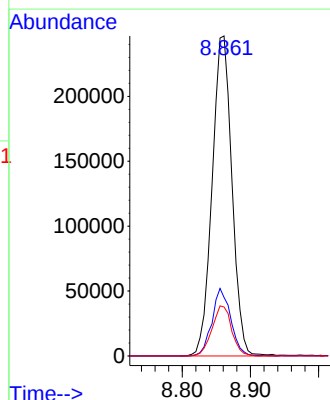
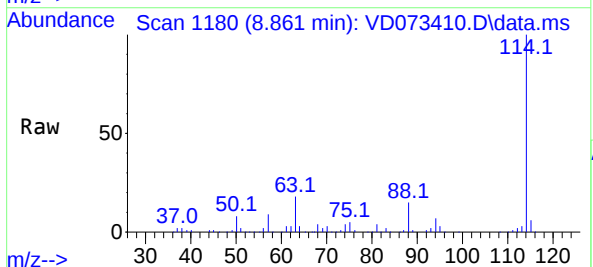
Instrument :
MSVOA_D
ClientSampleId :
WC-4

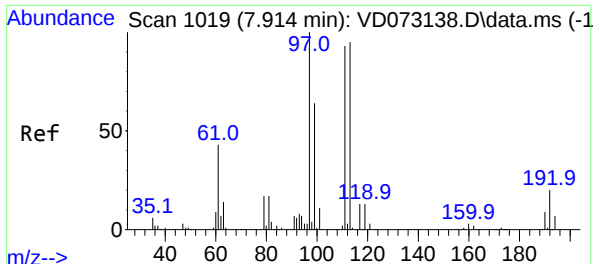
Tgt Ion: 65 Resp: 145284
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

Tgt Ion: 114 Resp: 498336
Ion Ratio Lower Upper
114 100
63 18.3 0.0 46.6
88 15.3 0.0 33.2

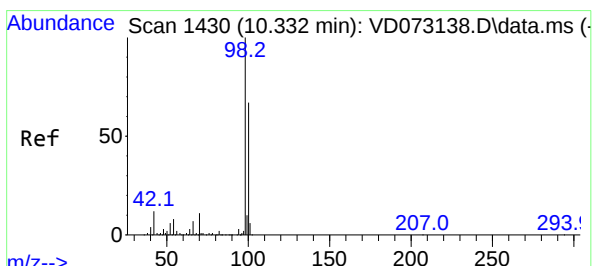
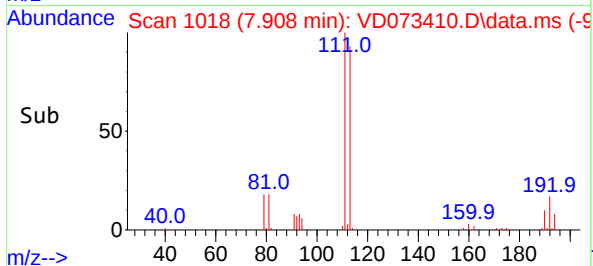
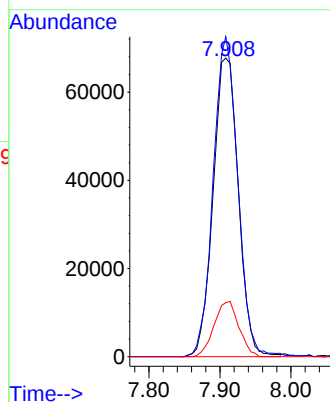
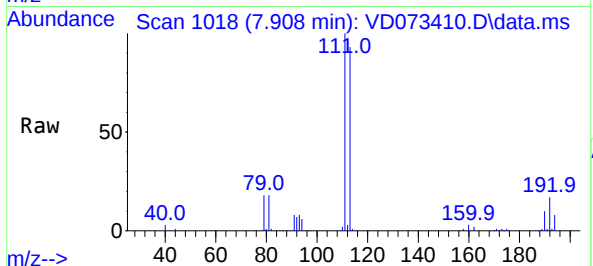




#35
Dibromofluoromethane
Concen: 50.920 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

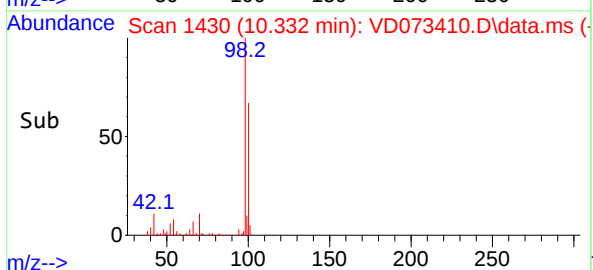
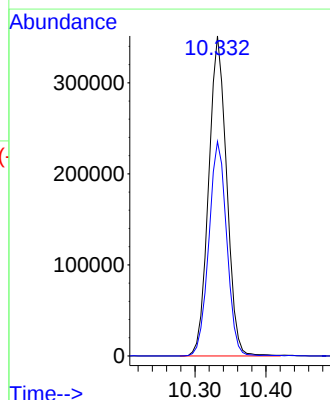
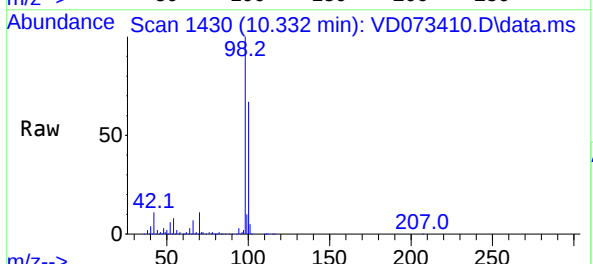
Instrument :
MSVOA_D
ClientSampleId :
WC-4

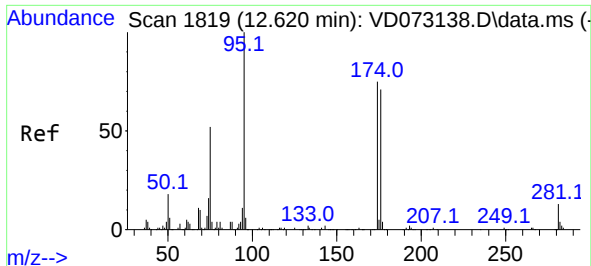
Tgt Ion:113 Resp: 167444
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 18.1 14.6 21.8



#50
Toluene-d8
Concen: 51.064 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

Tgt Ion: 98 Resp: 618980
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6



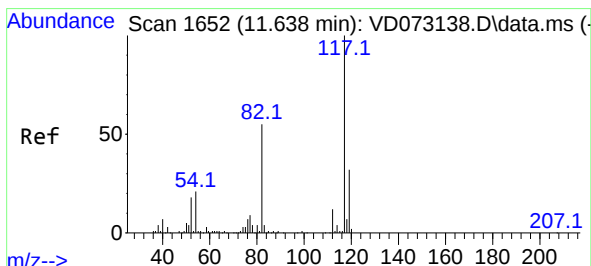
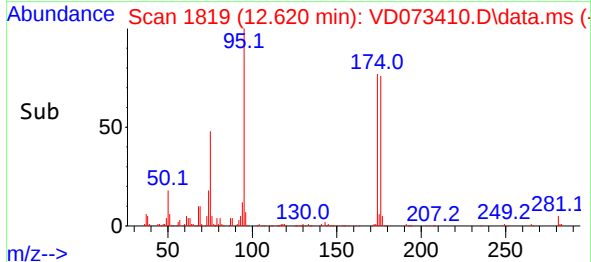
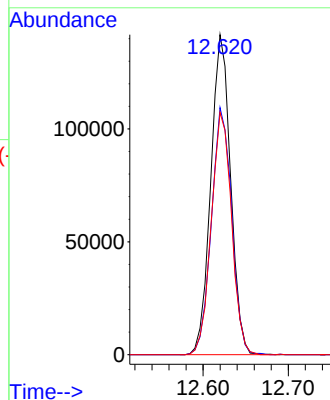
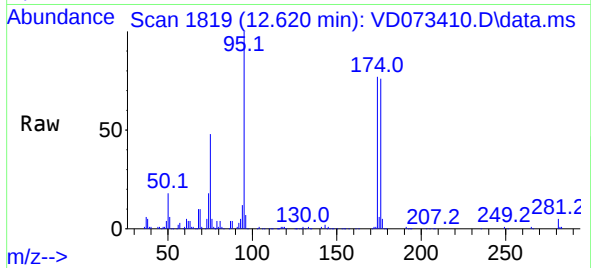


#62
4-Bromofluorobenzene
Concen: 53.766 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

Instrument :
MSVOA_D
ClientSampleId :
WC-4

Tgt Ion: 95 Resp: 228722

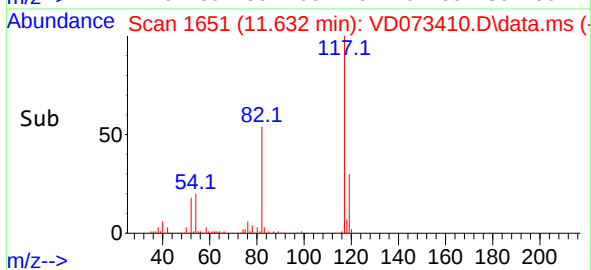
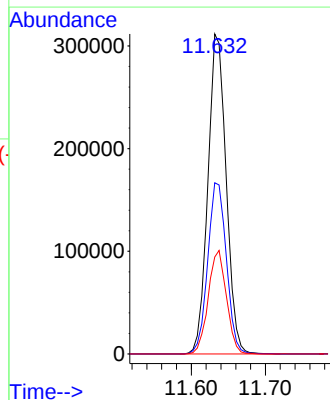
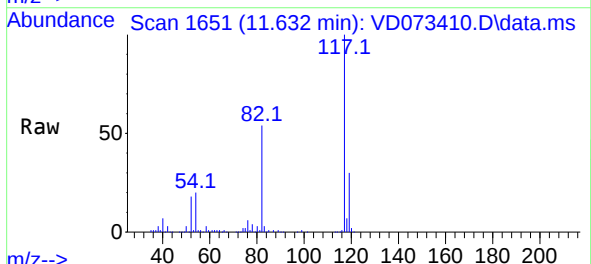
Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	152.8
176	77.3	0.0	145.4

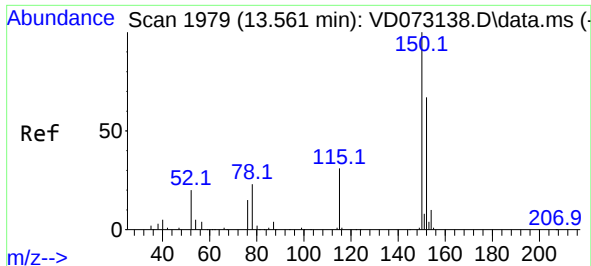


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073410.D
Acq: 27 May 2022 14:42

Tgt Ion: 117 Resp: 534592

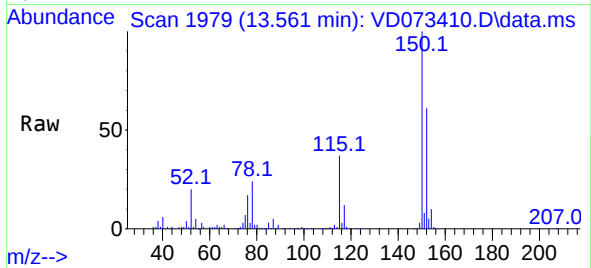
Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.3	67.9
119	30.3	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073410.D
 Acq: 27 May 2022 14:42

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-4



Tgt Ion:152 Resp: 244095
 Ion Ratio Lower Upper
 152 100
 115 61.8 31.3 93.8
 150 162.1 0.0 348.6

