

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073308.D
 Acq On : 24 May 2022 04:21
 Operator : VA/SY
 Sample : N2949-10
 Misc : 6.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-2430-01

Quant Time: May 24 08:16:45 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)

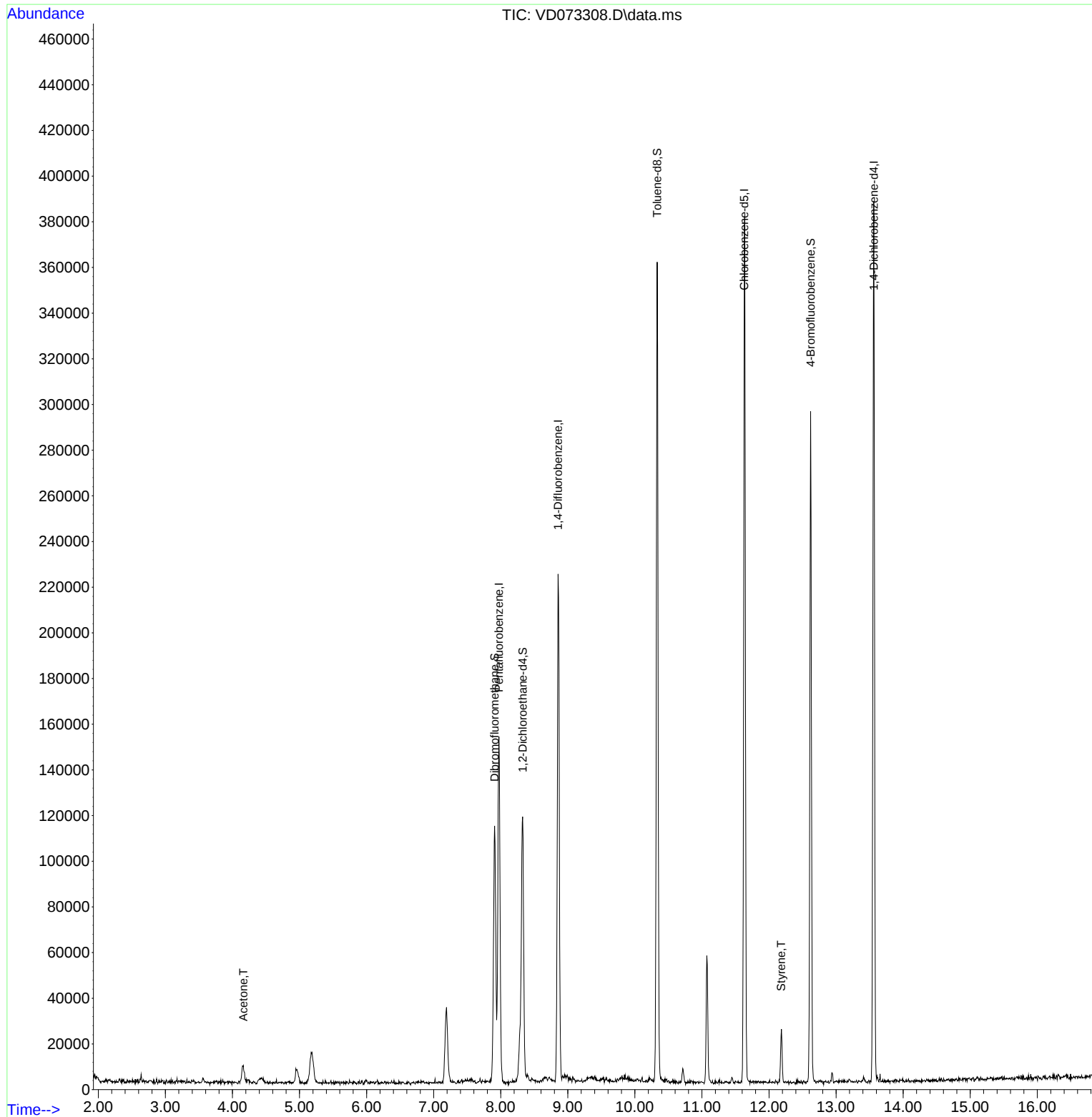
Internal Standards						
1) Pentafluorobenzene	7.973	168	106536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	188817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	225517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	104291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	92472	78.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.080%
35) Dibromofluoromethane	7.909	113	83593	67.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	134.180%
50) Toluene-d8	10.332	98	239721	52.194	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.380%
62) 4-Bromofluorobenzene	12.620	95	95630	59.331	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.660%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	13114	64.305	ug/l	90
70) Styrene	12.179	104	11244	2.255	ug/l	91

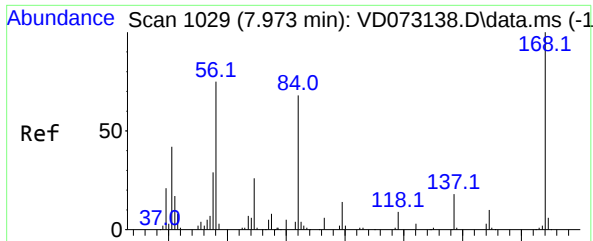
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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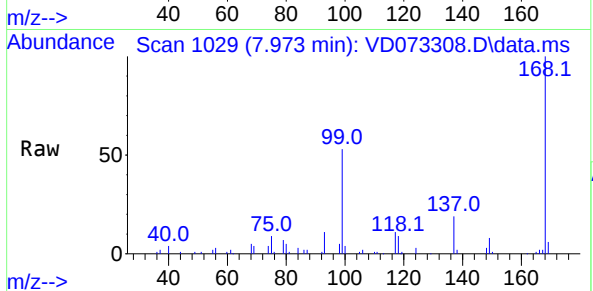
Quant Time: May 24 08:16:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
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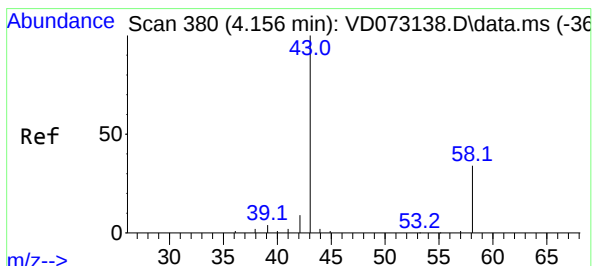
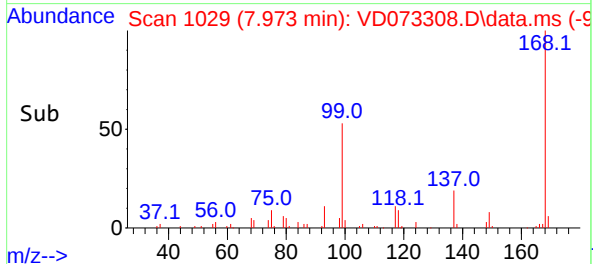
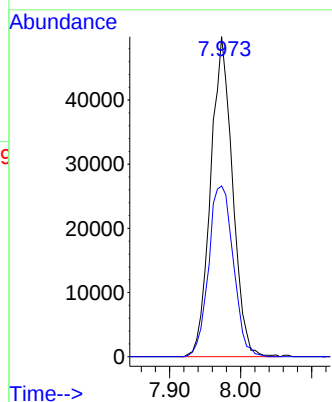


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

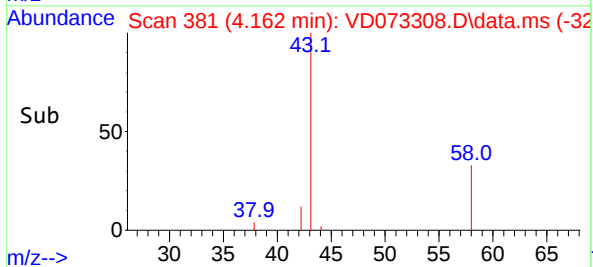
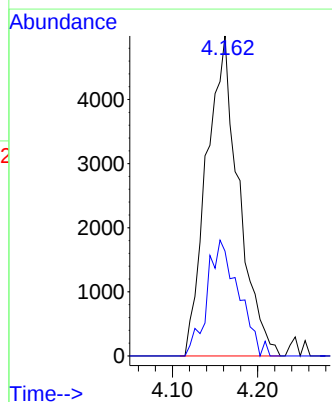
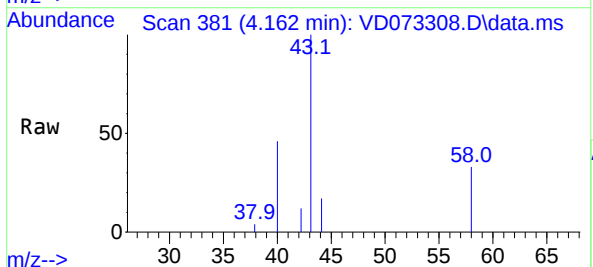


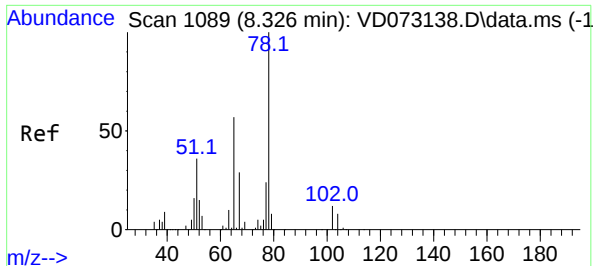
Tgt Ion:168 Resp: 106536
Ion Ratio Lower Upper
168 100
99 53.4 49.8 74.6



#16
Acetone
Concen: 64.305 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Tgt Ion: 43 Resp: 13114
Ion Ratio Lower Upper
43 100
58 32.8 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 78.541 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073308.D

Acq: 24 May 2022 04:21

Instrument :

MSVOA_D

ClientSampleId :

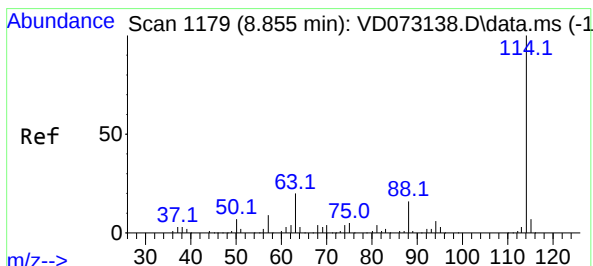
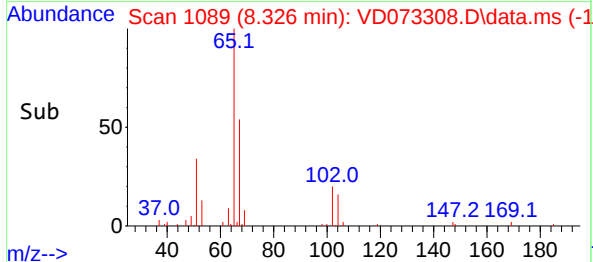
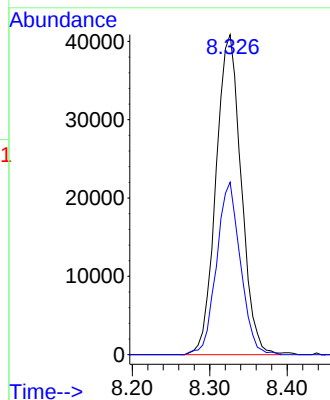
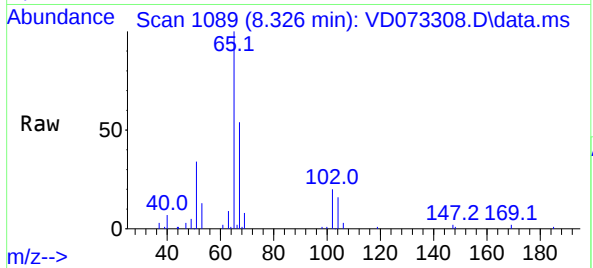
P043-SS001-2430-01

Tgt Ion: 65 Resp: 92472

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073308.D

Acq: 24 May 2022 04:21

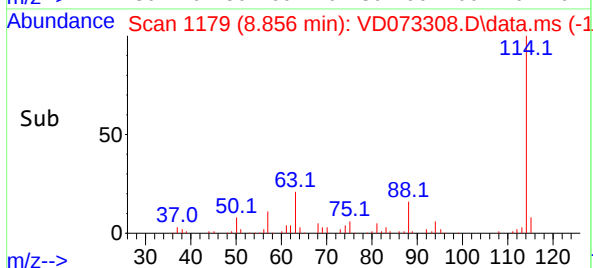
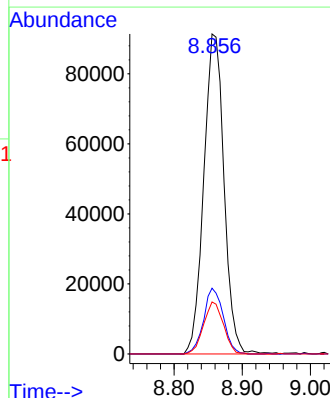
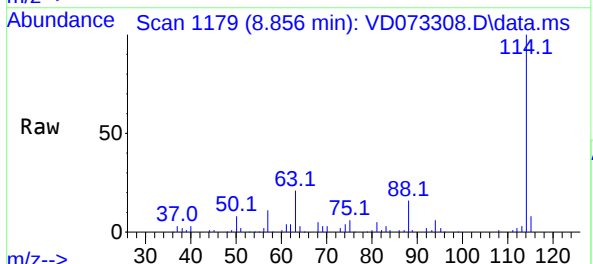
Tgt Ion: 114 Resp: 188817

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 16.2 0.0 33.2

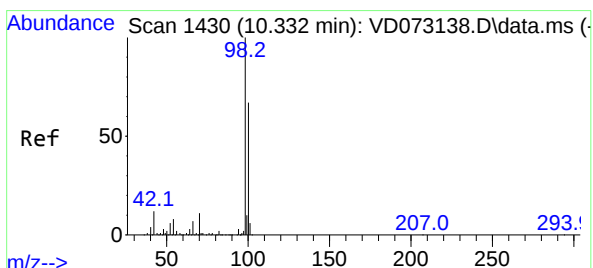
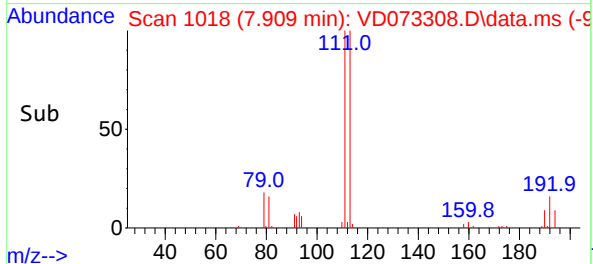
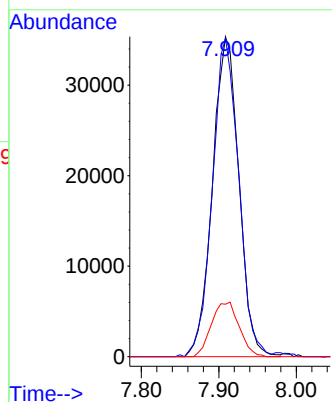
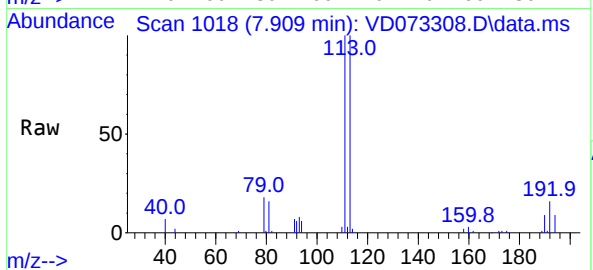




#35
Dibromofluoromethane
Concen: 67.092 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

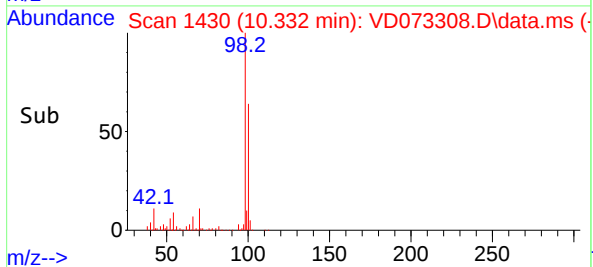
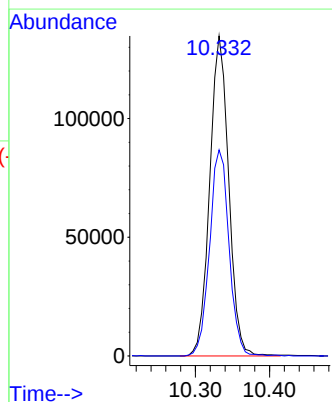
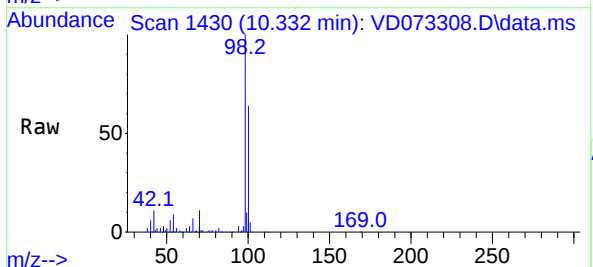
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

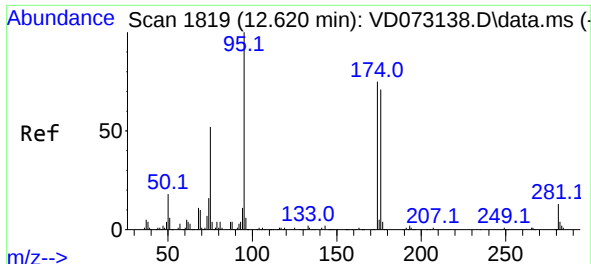
Tgt Ion:	113	Resp:	83593
Ion	Ratio	Lower	Upper
113	100		
111	98.9	83.8	125.6
192	17.9	14.6	21.8



#50
Toluene-d8
Concen: 52.194 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Tgt Ion:	98	Resp:	239721
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6

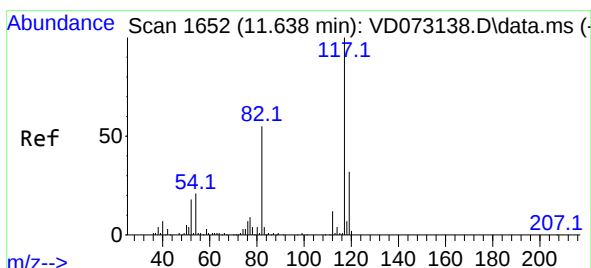
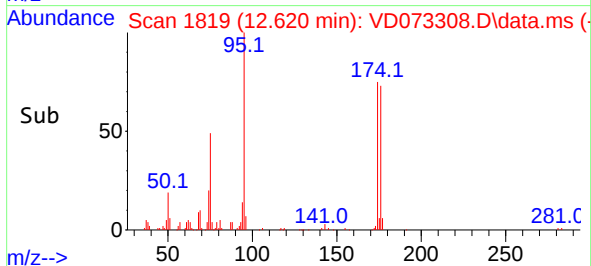
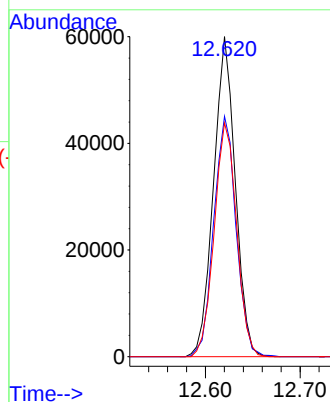
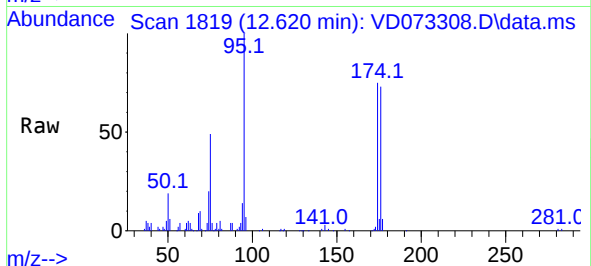




#62
4-Bromofluorobenzene
Concen: 59.331 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

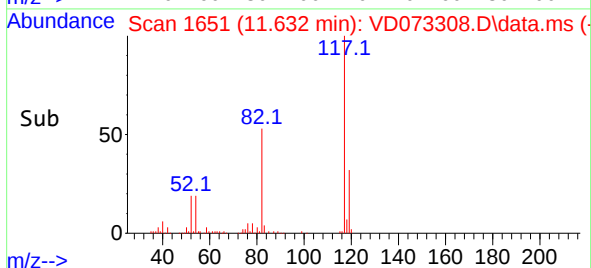
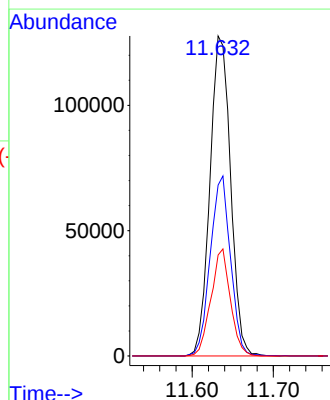
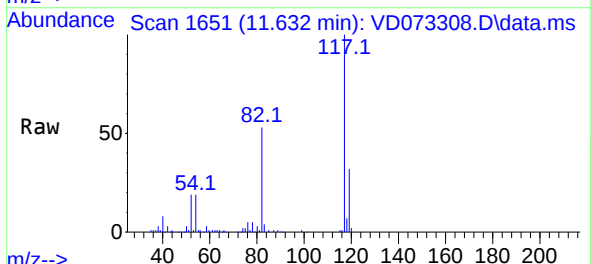
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

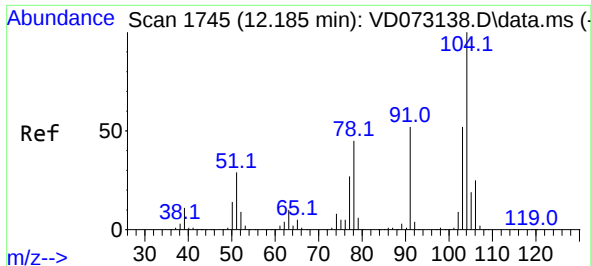
Tgt Ion:	95	Resp:	95630
Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	152.8
176	75.3	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Tgt Ion:	117	Resp:	225517
Ion	Ratio	Lower	Upper
117	100		
82	53.4	45.3	67.9
119	31.5	26.6	40.0

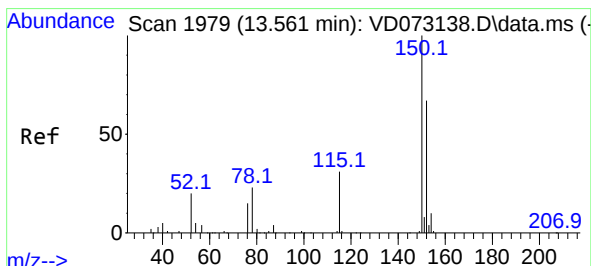
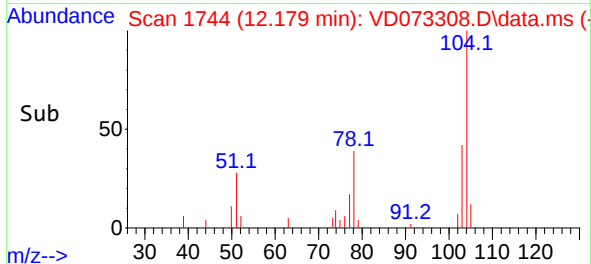
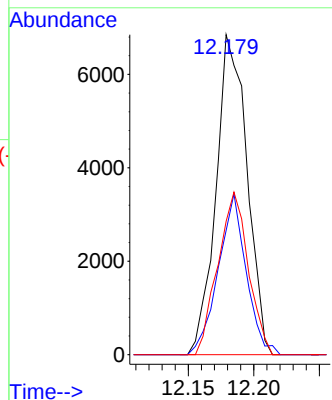
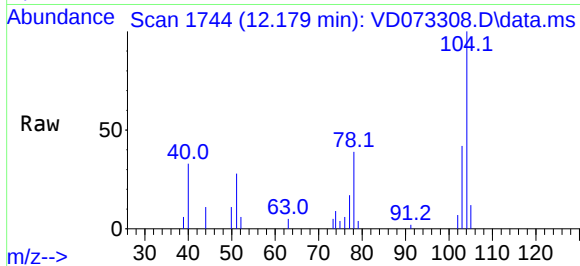




#70
Styrene
Concen: 2.255 ug/l
RT: 12.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

Tgt Ion:104 Resp: 11244
Ion Ratio Lower Upper
104 100
78 45.3 41.8 62.8
103 49.9 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: VD073308.D
Acq: 24 May 2022 04:21

Tgt Ion:152 Resp: 104291
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 154.7 0.0 348.6

