

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071715.D
 Acq On : 13 Jan 2022 17:43
 Operator : VA/SY
 Sample : N1112-01
 Misc : 4.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4S

Quant Time: Jan 14 04:07:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

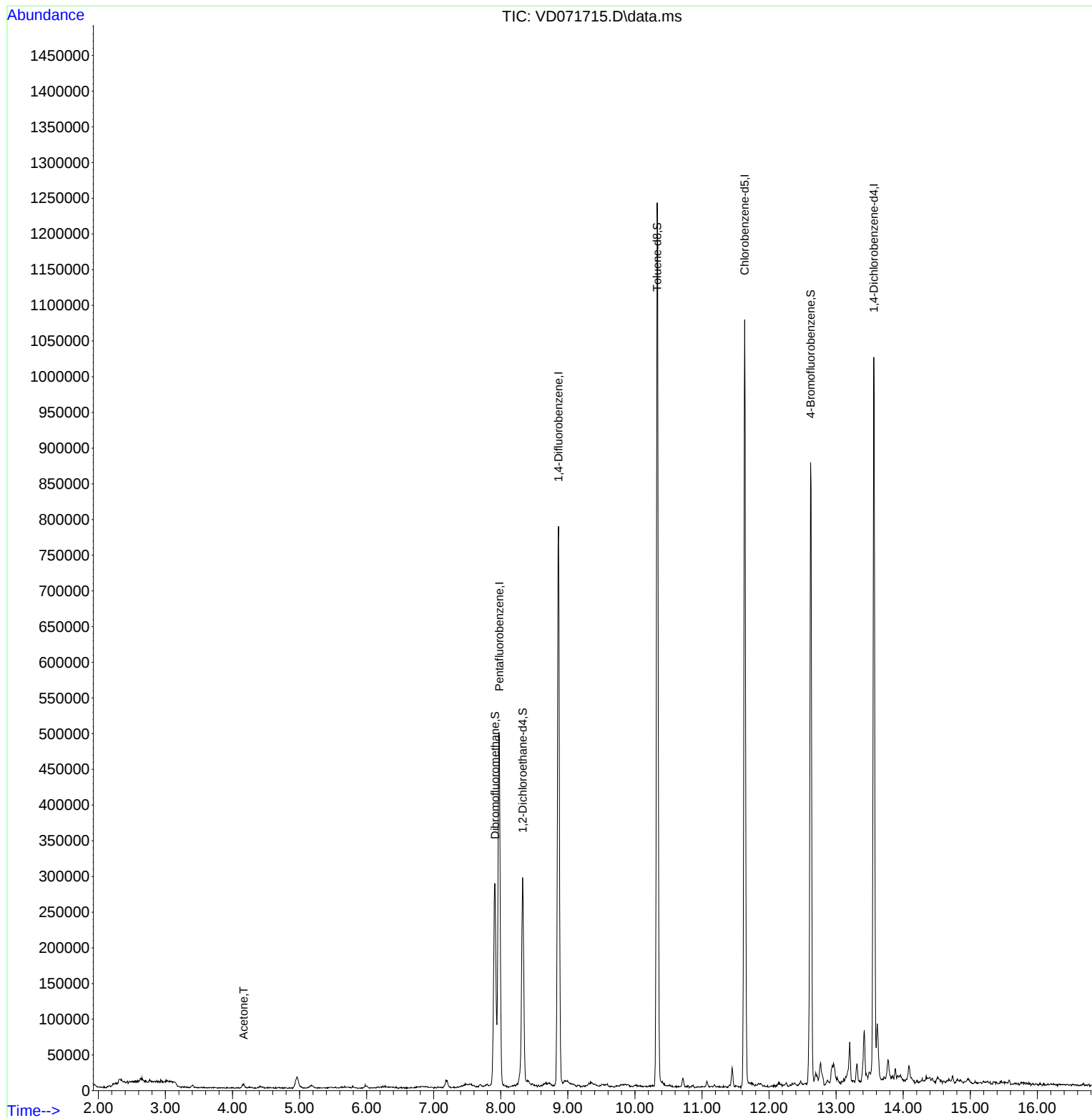
Internal Standards						
1) Pentafluorobenzene	7.979	168	346555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	559866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	245393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	222282	49.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.700%
35) Dibromofluoromethane	7.914	113	199445	48.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.200%
50) Toluene-d8	10.332	98	783756	51.015	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.620	95	250016	46.183	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.360%
Target Compounds						
16) Acetone	4.167	43	8871	8.617	ug/l	Qvalue 94

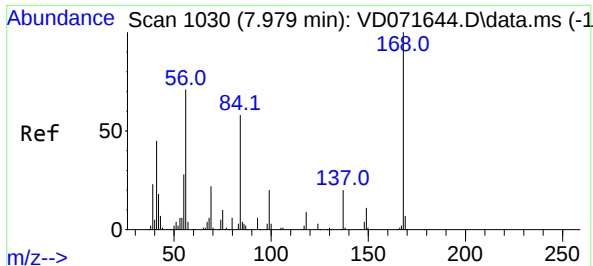
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD071715.D

Acq: 13 Jan 2022 17:43

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MSVOA_D

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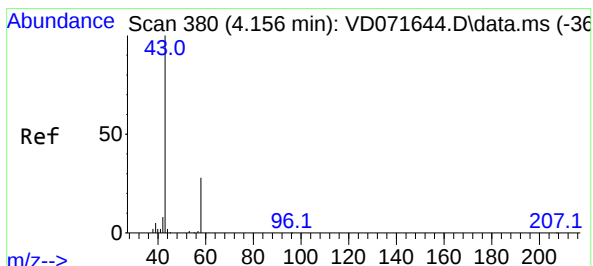
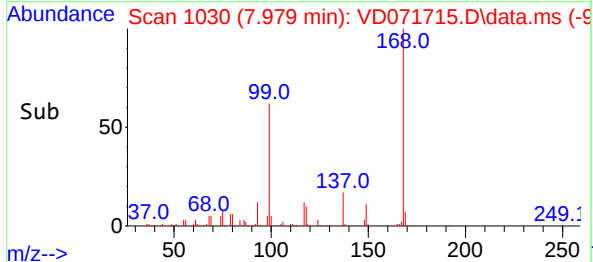
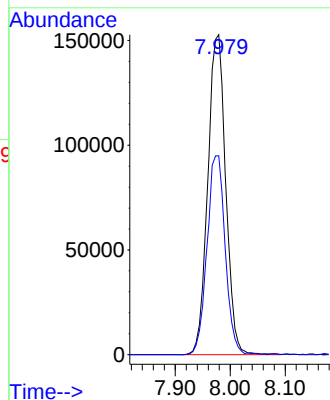
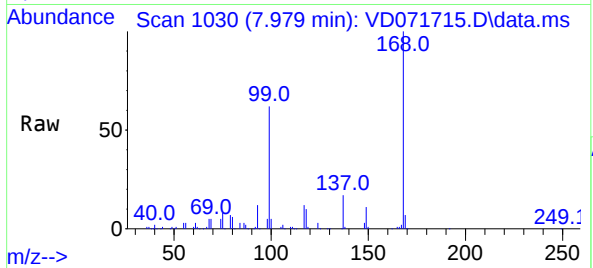
TP-4S

Tgt Ion:168 Resp: 346555

Ion Ratio Lower Upper

168 100

99 62.1 51.8 77.6



#16

Acetone

Concen: 8.617 ug/l

RT: 4.167 min Scan# 382

Delta R.T. 0.012 min

Lab File: VD071715.D

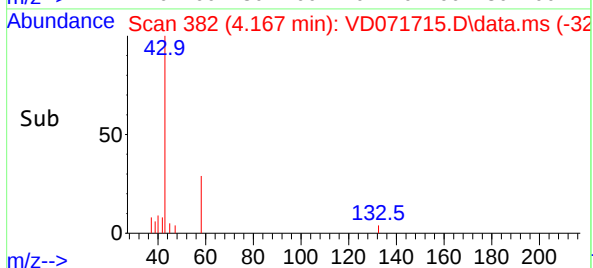
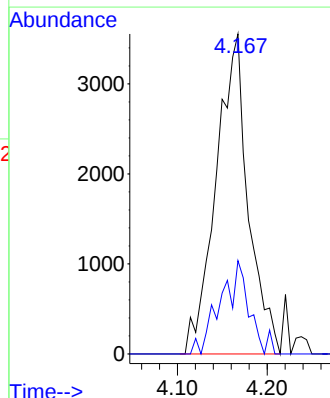
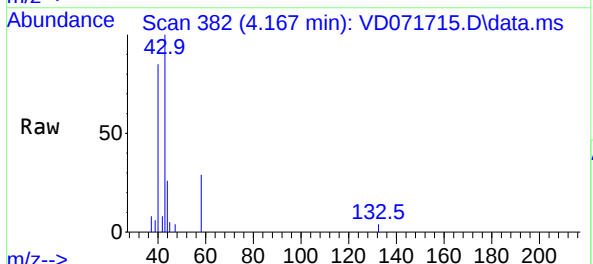
Acq: 13 Jan 2022 17:43

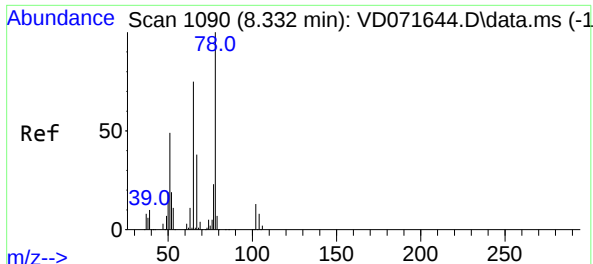
Tgt Ion: 43 Resp: 8871

Ion Ratio Lower Upper

43 100

58 29.1 21.0 31.6

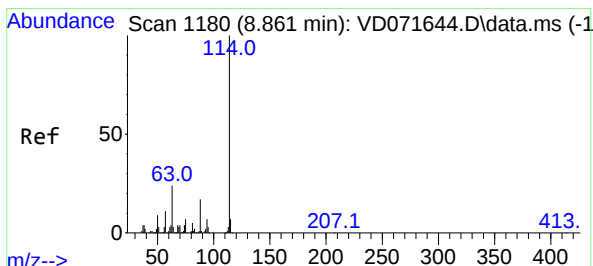
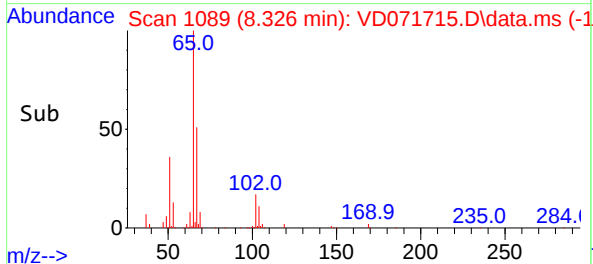
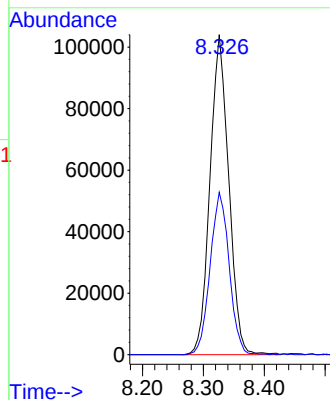
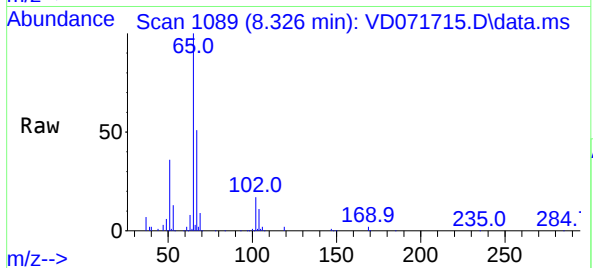




#33
1,2-Dichloroethane-d4
Concen: 49.848 ug/l
RT: 8.326 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD071715.D
Acq: 13 Jan 2022 17:43

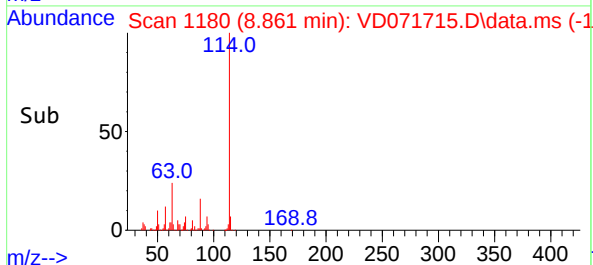
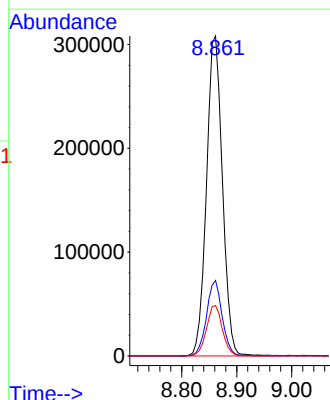
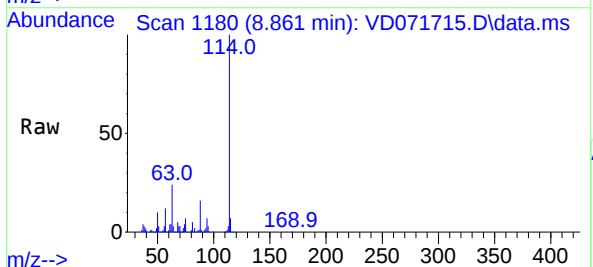
Instrument :
MSVOA_D
ClientSampleId :
TP-4S

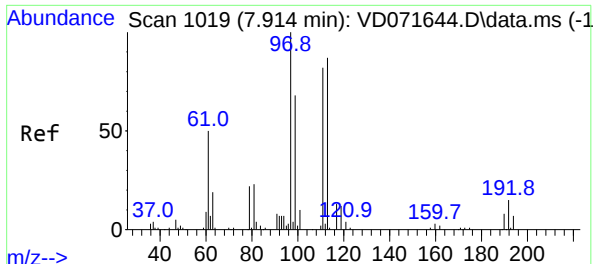
Tgt Ion: 65 Resp: 222282
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071715.D
Acq: 13 Jan 2022 17:43

Tgt Ion: 114 Resp: 621018
Ion Ratio Lower Upper
114 100
63 23.6 0.0 46.2
88 15.7 0.0 32.0

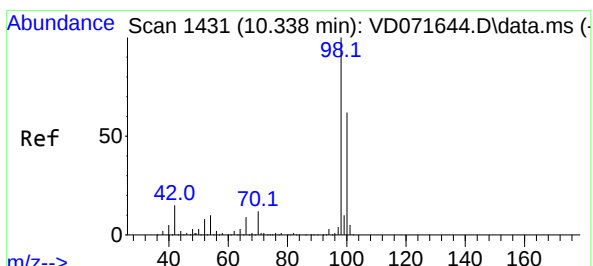
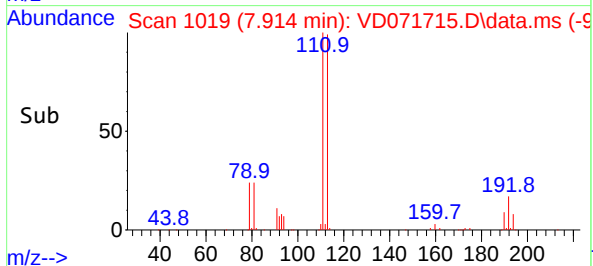
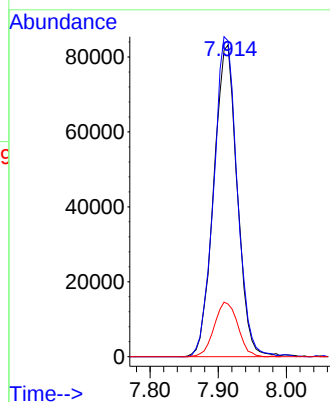
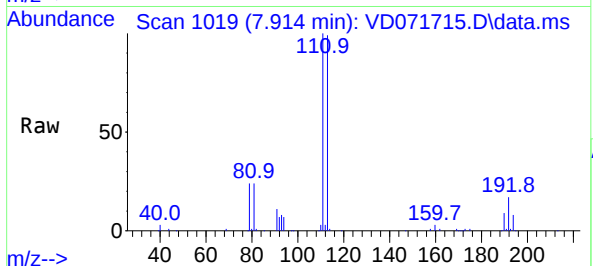




#35
Dibromofluoromethane
Concen: 48.596 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071715.D
Acq: 13 Jan 2022 17:43

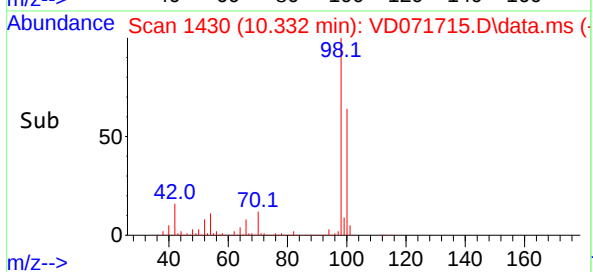
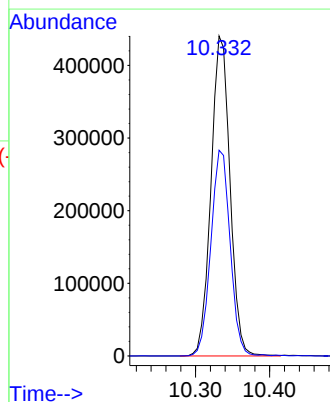
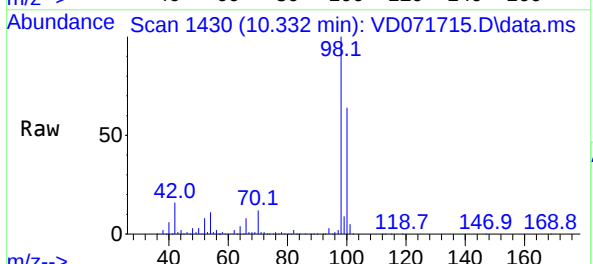
Instrument :
MSVOA_D
ClientSampleId :
TP-4S

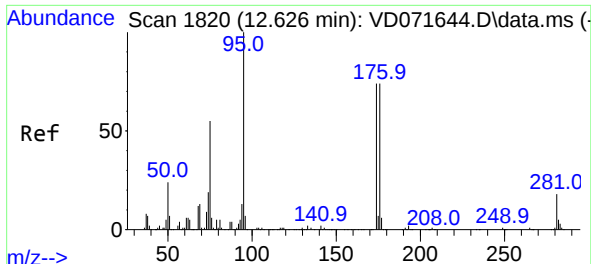
Tgt Ion:113 Resp: 199445
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 17.6 14.2 21.2



#50
Toluene-d8
Concen: 51.015 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.005 min
Lab File: VD071715.D
Acq: 13 Jan 2022 17:43

Tgt Ion: 98 Resp: 783756
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

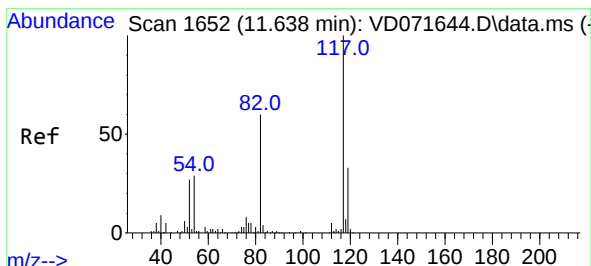
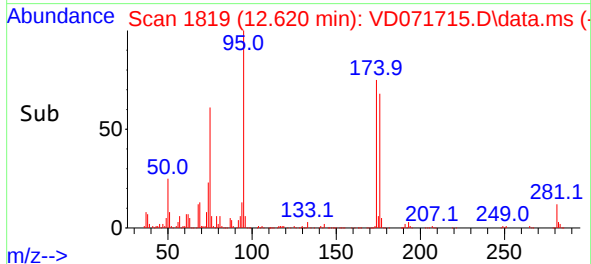
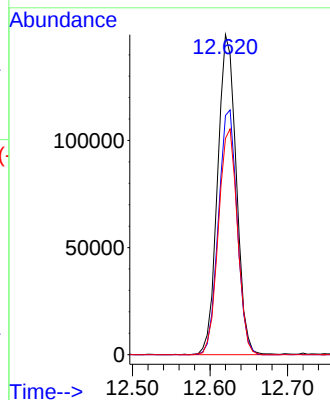
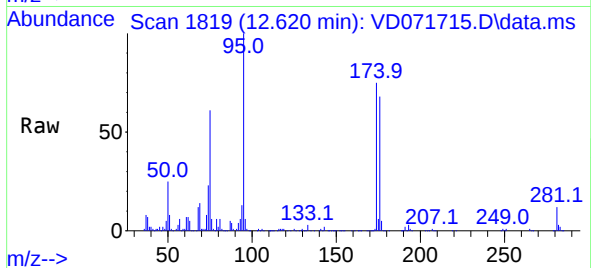




#62
4-Bromofluorobenzene
Concen: 46.183 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071715.D
Acq: 13 Jan 2022 17:43

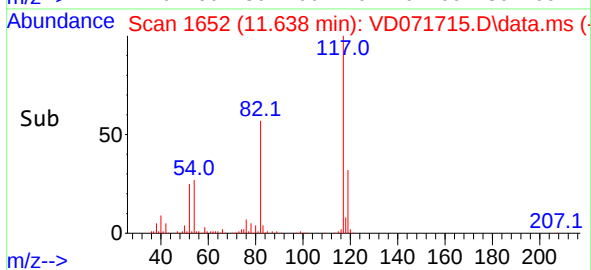
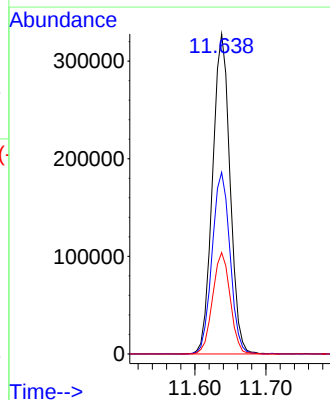
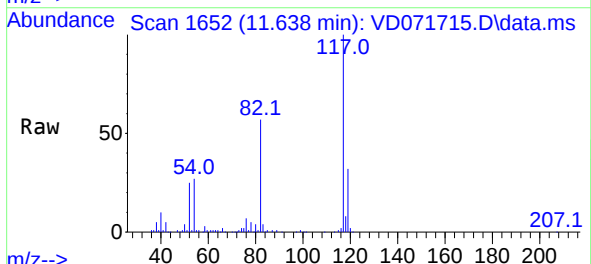
Instrument :
MSVOA_D
ClientSampleId :
TP-4S

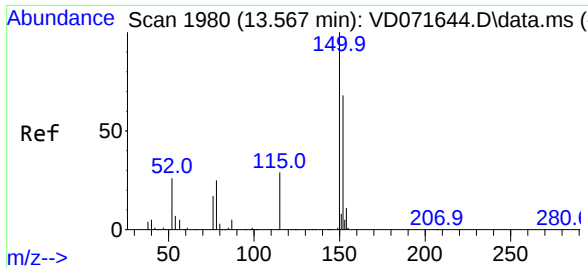
Tgt Ion: 95 Resp: 250016
Ion Ratio Lower Upper
95 100
174 76.4 0.0 150.0
176 71.8 0.0 146.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.001 min
Lab File: VD071715.D
Acq: 13 Jan 2022 17:43

Tgt Ion: 117 Resp: 559866
Ion Ratio Lower Upper
117 100
82 56.8 46.9 70.3
119 31.6 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD071715.D
 Acq: 13 Jan 2022 17:43

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4S

Tgt Ion:152 Resp: 245393

Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.5	94.5
150	156.4	0.0	348.0

