

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073156.D
 Acq On : 19 May 2022 23:39
 Operator : VA/SY
 Sample : N2842-04
 Misc : 5.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS001-0612-01

Quant Time: May 20 01:52:04 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)

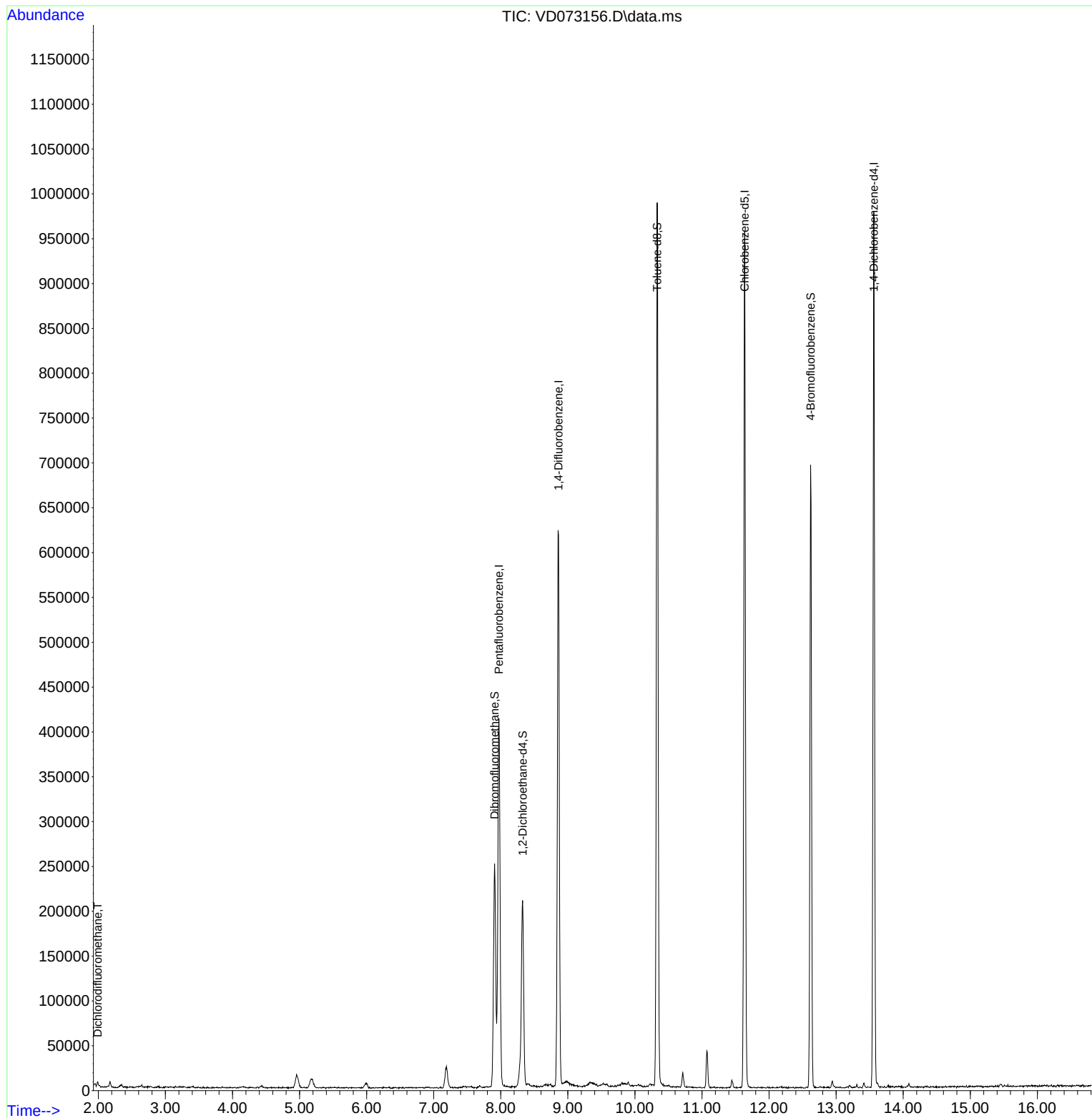
Internal Standards						
1) Pentafluorobenzene	7.973	168	298152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	536049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	542590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	246310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165246	50.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.300%	
35) Dibromofluoromethane	7.908	113	177206	50.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.200%	
50) Toluene-d8	10.332	98	656078	50.317	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.640%	
62) 4-Bromofluorobenzene	12.620	95	232676	50.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	3439	1.154	ug/l	99

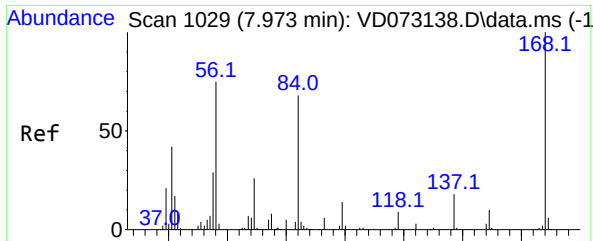
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 19 15:13:42 2022
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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 10

Delta R.T. 0.000 min

Lab File: VD073156.D

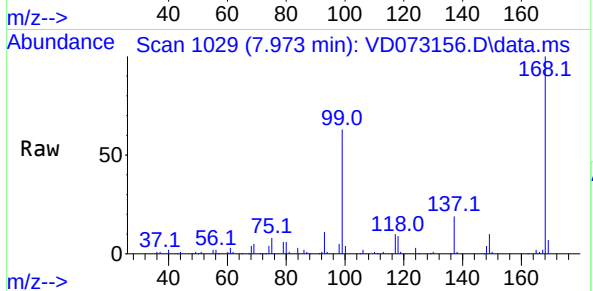
Acq: 19 May 2022 23:39

Instrument :

MSVOA_D

ClientSampleId :

P016-SS001-0612-01

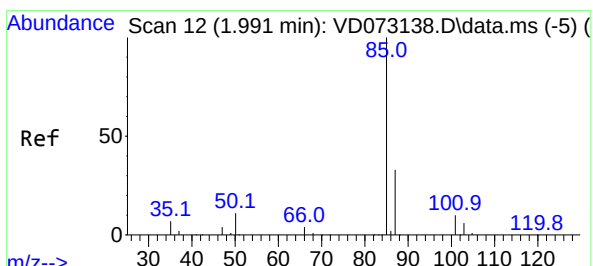
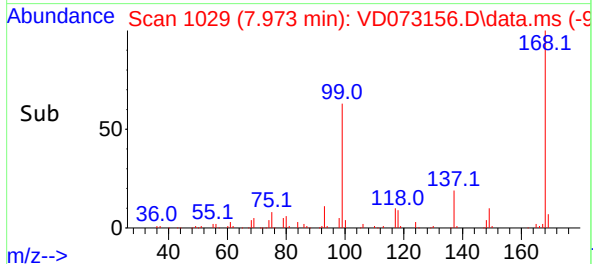
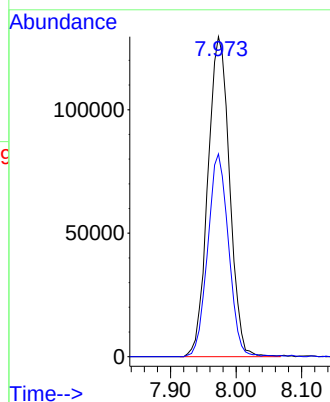


Tgt Ion:168 Resp: 298152

Ion Ratio Lower Upper

168 100

99 63.3 49.8 74.6



Dichlorodifluoromethane

Concen: 1.154 ug/l

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD073156.D

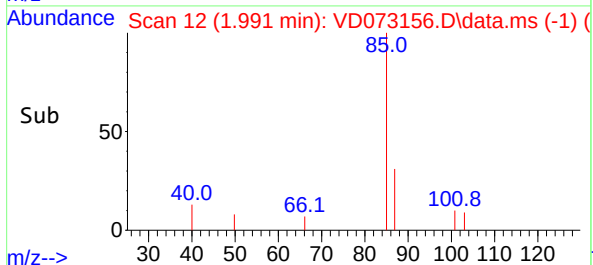
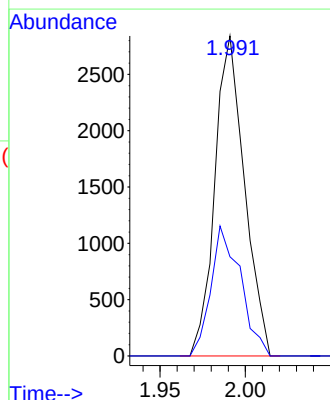
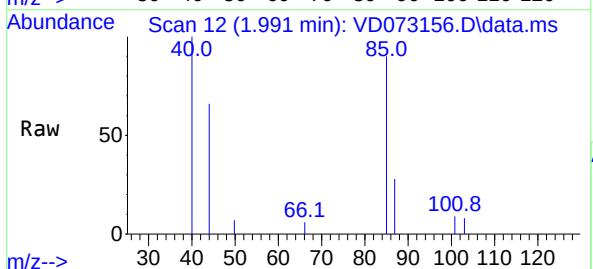
Acq: 19 May 2022 23:39

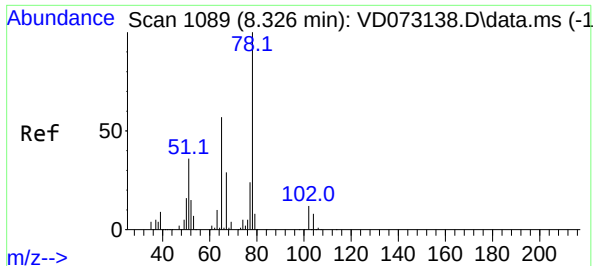
Tgt Ion: 85 Resp: 3439

Ion Ratio Lower Upper

85 100

87 31.0 15.7 47.0





#33

1,2-Dichloroethane-d4

Concen: 50.150 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD073156.D

Acq: 19 May 2022 23:39

Instrument :

MSVOA_D

ClientSampleId :

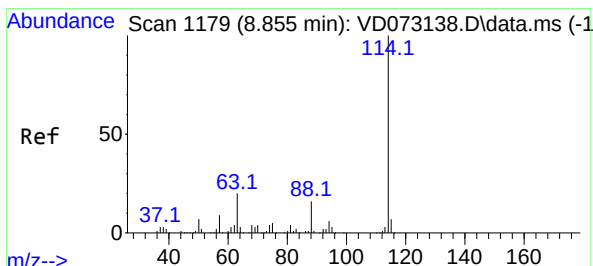
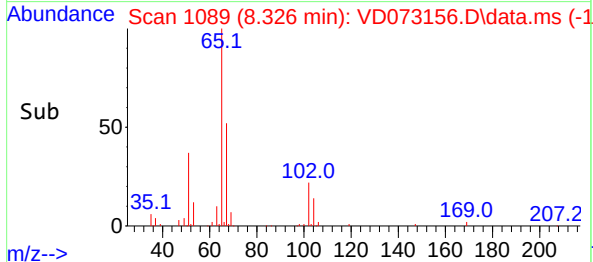
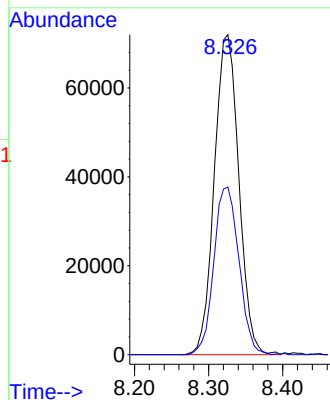
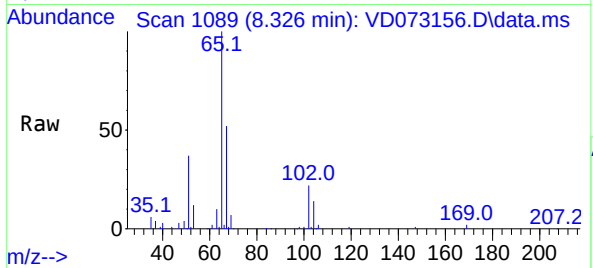
P016-SS001-0612-01

Tgt Ion: 65 Resp: 165246

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# 1180

Delta R.T. 0.006 min

Lab File: VD073156.D

Acq: 19 May 2022 23:39

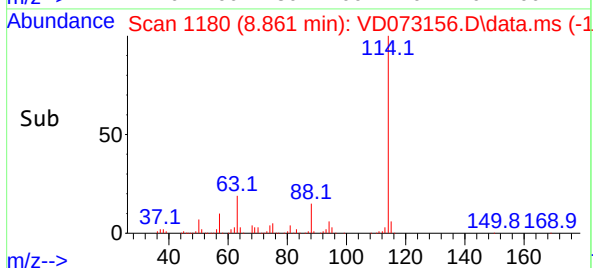
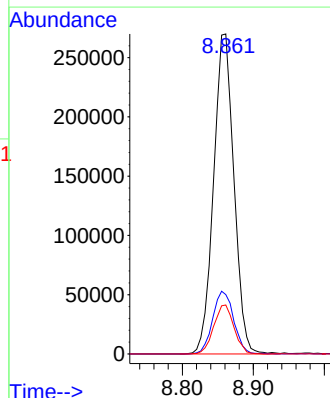
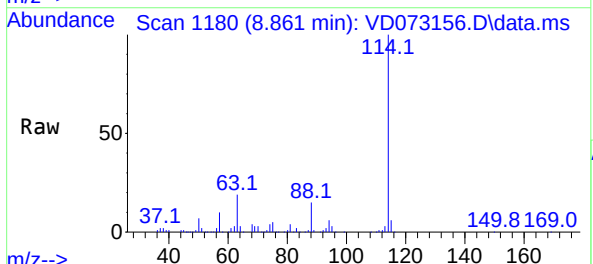
Tgt Ion: 114 Resp: 536049

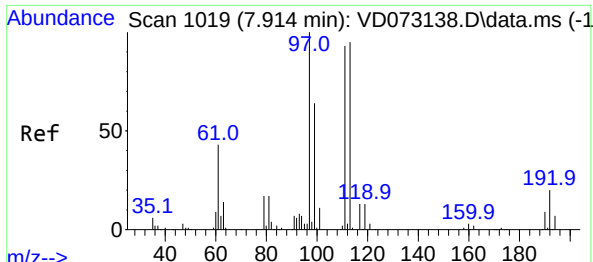
Ion Ratio Lower Upper

114 100

63 18.5 0.0 46.6

88 15.3 0.0 33.2

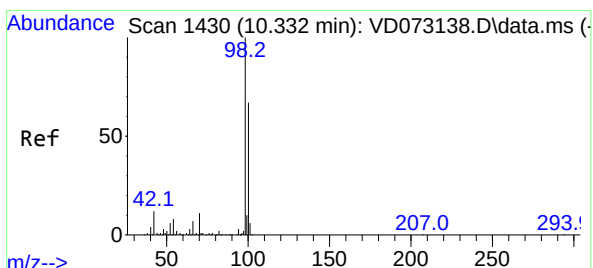
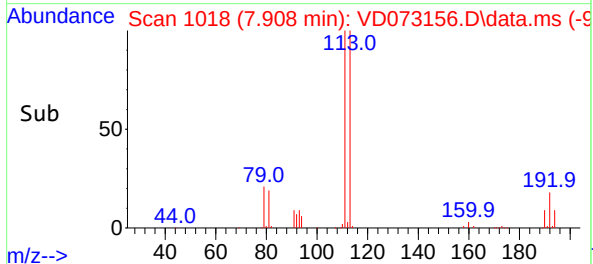
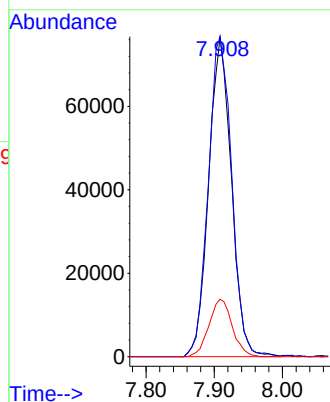
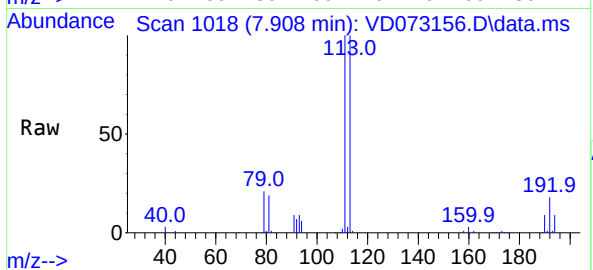




#35
Dibromofluoromethane
Concen: 50.098 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073156.D
Acq: 19 May 2022 23:39

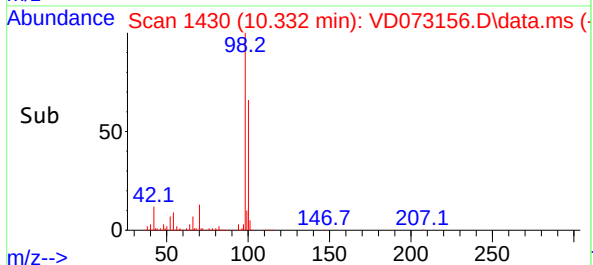
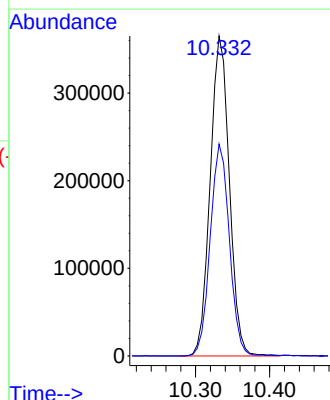
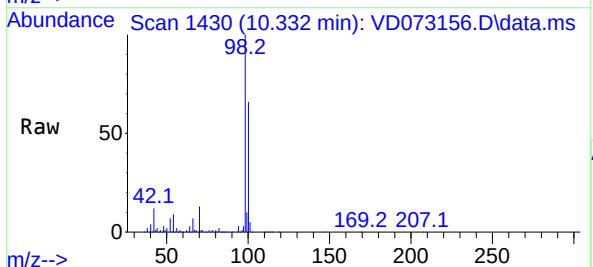
Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-0612-01

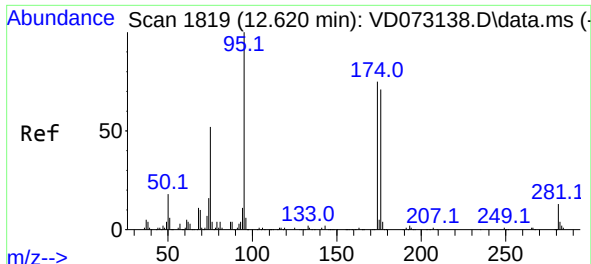
Tgt Ion:113 Resp: 177206
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 18.5 14.6 21.8



#50
Toluene-d8
Concen: 50.317 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073156.D
Acq: 19 May 2022 23:39

Tgt Ion: 98 Resp: 656078
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

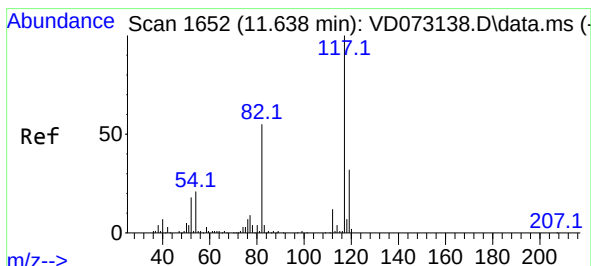
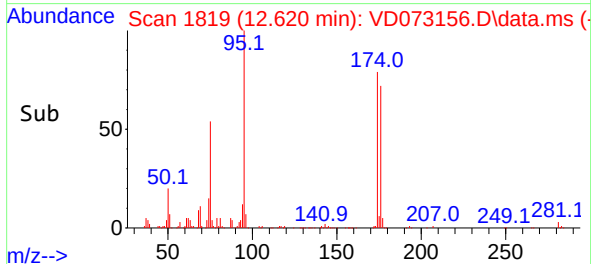
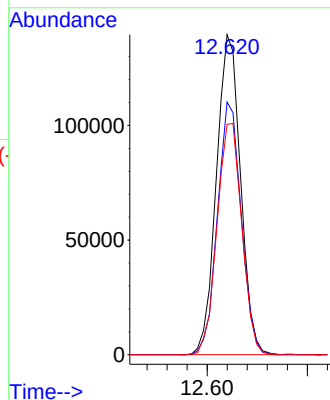
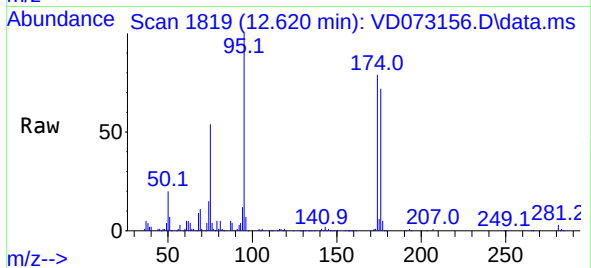




#62
4-Bromofluorobenzene
Concen: 50.848 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073156.D
Acq: 19 May 2022 23:39

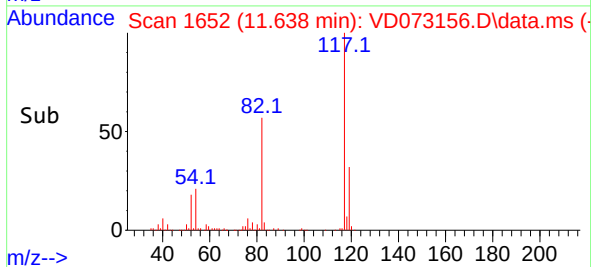
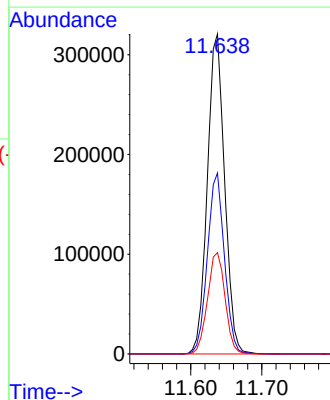
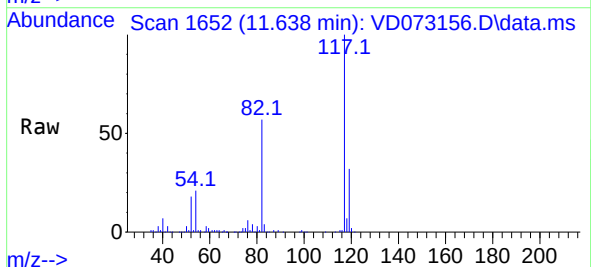
Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-0612-01

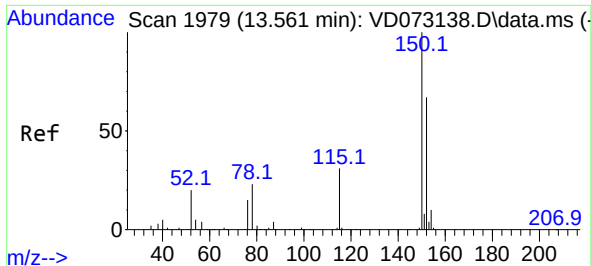
Tgt Ion:	95	Resp:	232676
Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	152.8
176	74.2	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073156.D
Acq: 19 May 2022 23:39

Tgt Ion:	117	Resp:	542590
Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.3	67.9
119	31.7	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: VD073156.D

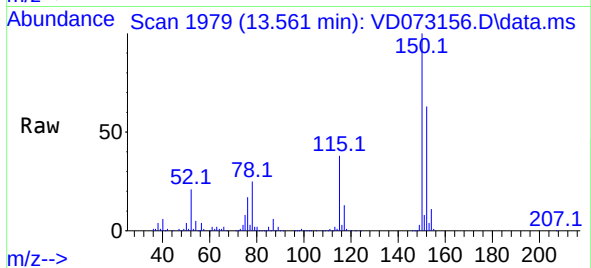
Acq: 19 May 2022 23:39

Instrument :

MSVOA_D

ClientSampleId :

P016-SS001-0612-01



Tgt Ion:152 Resp: 246310

Ion Ratio Lower Upper

152 100

115 60.6 31.3 93.8

150 157.4 0.0 348.6

