

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073172.D
 Acq On : 20 May 2022 08:41
 Operator : VA/SY
 Sample : N2842-14
 Misc : 5.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P023-SS001-0612-01

Quant Time: May 20 13:06:45 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)

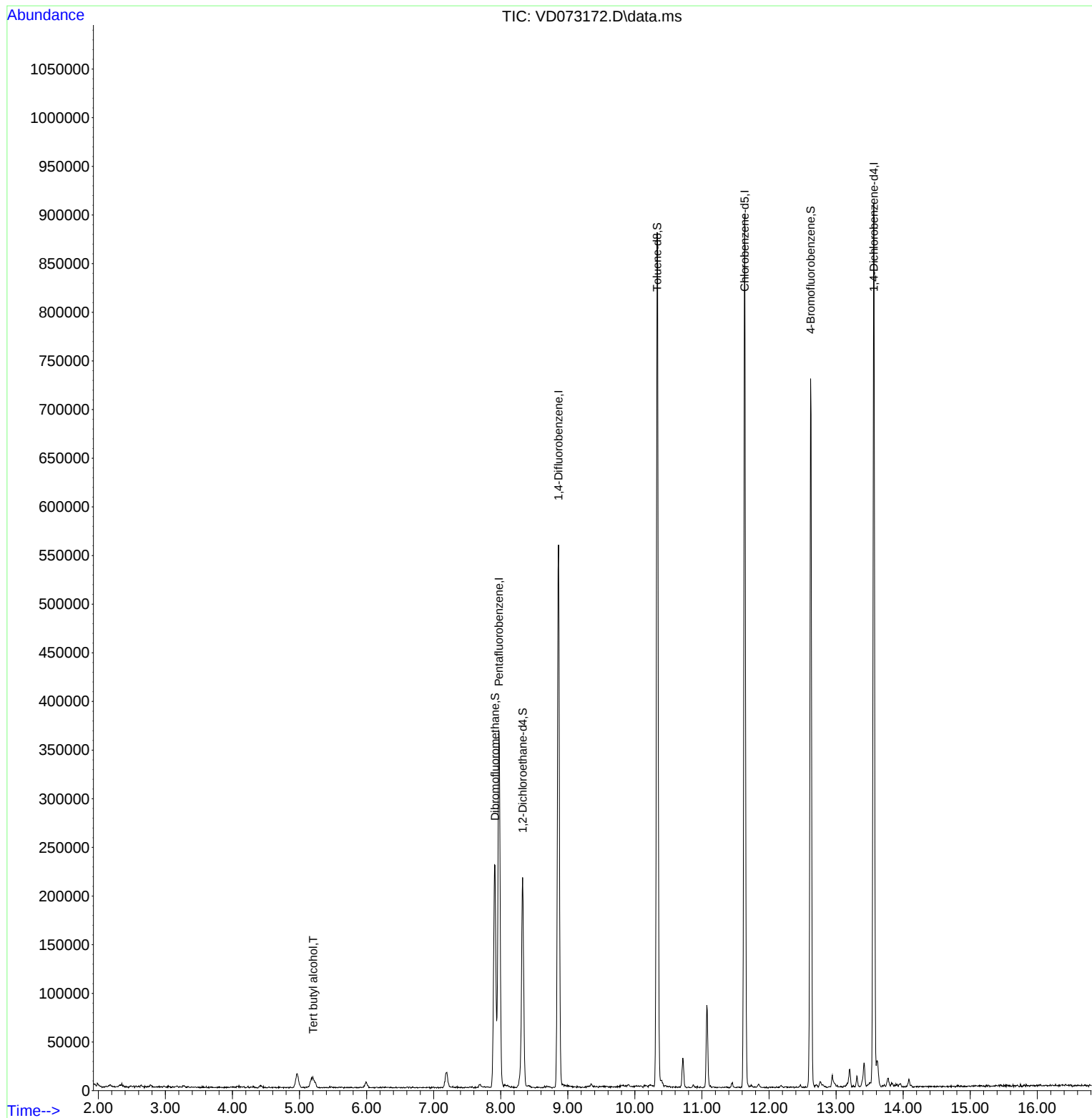
Internal Standards						
1) Pentafluorobenzene	7.973	168	265686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	478496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	509497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	233984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	162764	55.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.860%
35) Dibromofluoromethane	7.914	113	167759	53.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.260%
50) Toluene-d8	10.332	98	594628	51.089	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.620	95	226465	55.443	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.880%
Target Compounds						
11) Tert butyl alcohol	5.203	59	16236	35.640	ug/l	Qvalue # 89

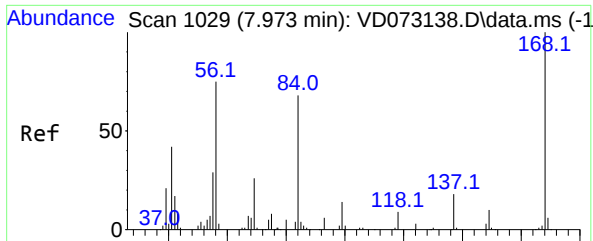
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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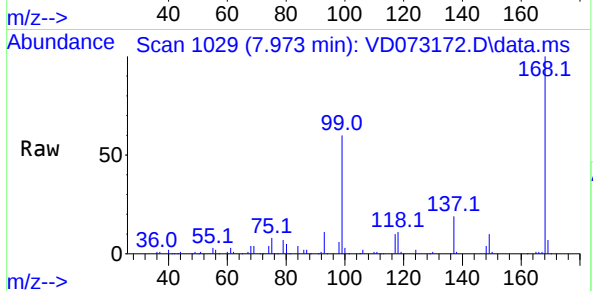
Quant Time: May 20 13:06:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



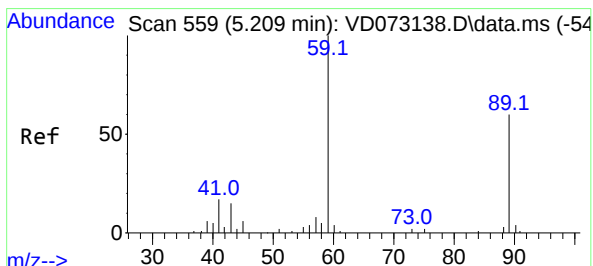
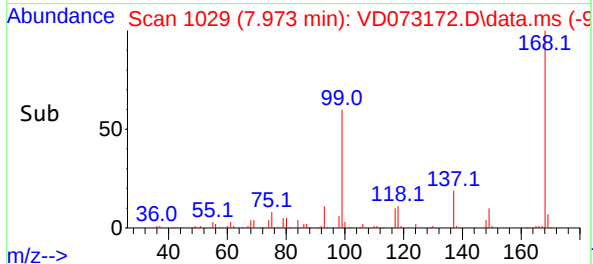
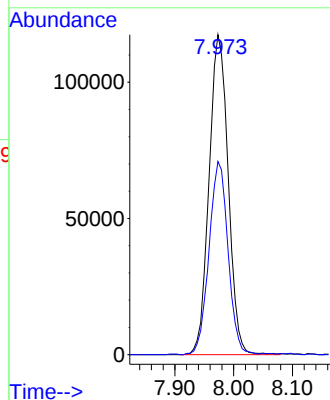


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073172.D
Acq: 20 May 2022 08:41

Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-0612-01

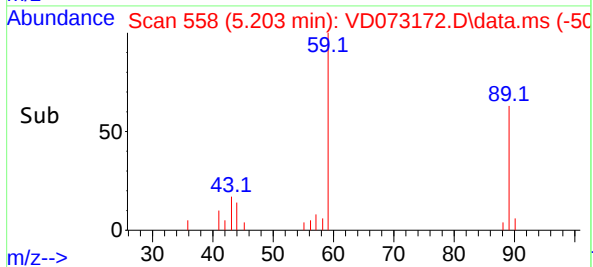
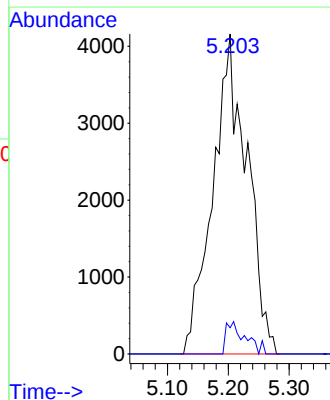
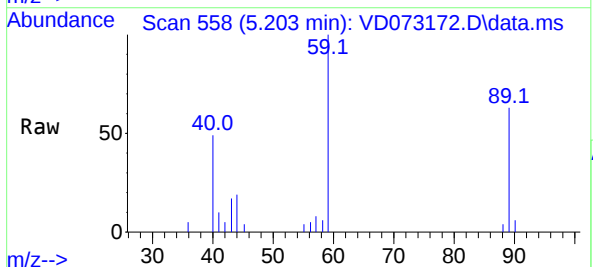


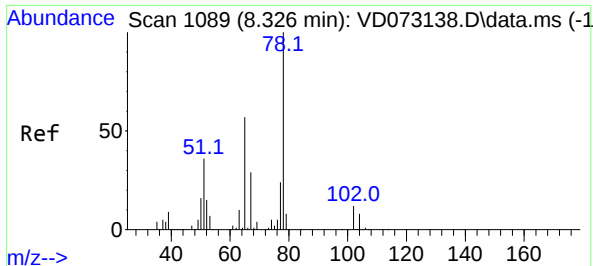
Tgt Ion:168 Resp: 265686
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#11
Tert butyl alcohol
Concen: 35.640 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.006 min
Lab File: VD073172.D
Acq: 20 May 2022 08:41

Tgt Ion: 59 Resp: 16236
Ion Ratio Lower Upper
59 100
57 5.6 7.8 11.6#





#33

1,2-Dichloroethane-d4

Concen: 55.433 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073172.D

Acq: 20 May 2022 08:41

Instrument :

MSVOA_D

ClientSampleId :

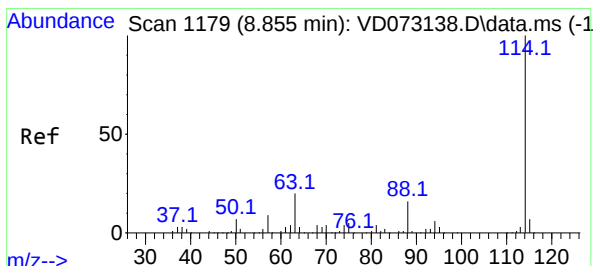
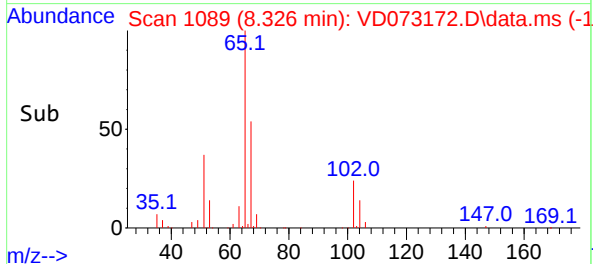
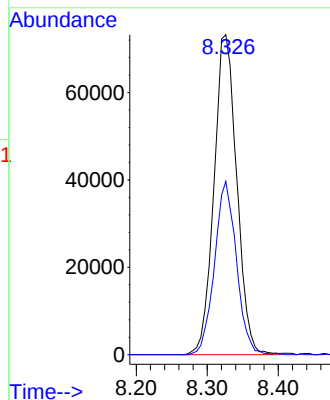
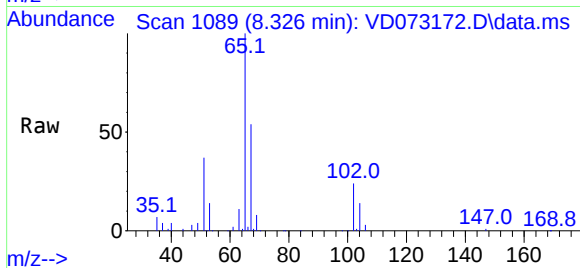
P023-SS001-0612-01

Tgt Ion: 65 Resp: 162764

Ion Ratio Lower Upper

65 100

67 52.0 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: VD073172.D

Acq: 20 May 2022 08:41

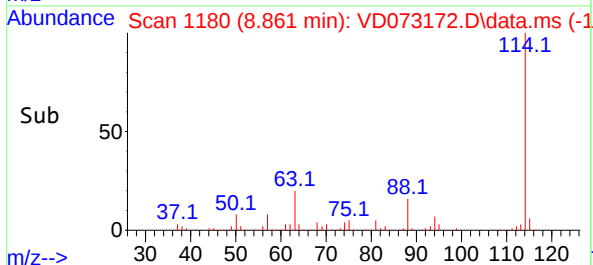
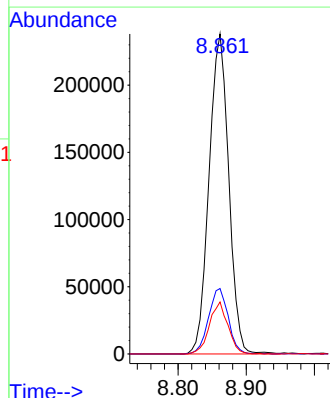
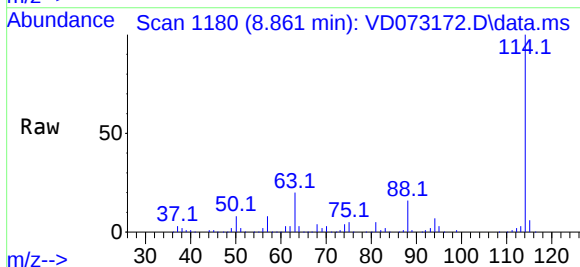
Tgt Ion: 114 Resp: 478496

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 16.2 0.0 33.2

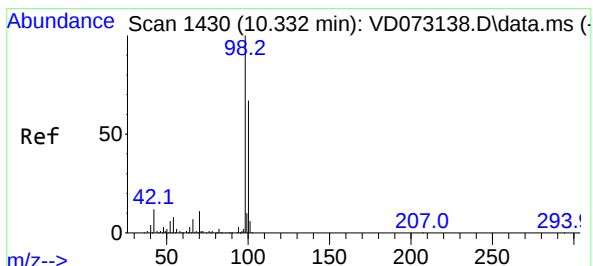
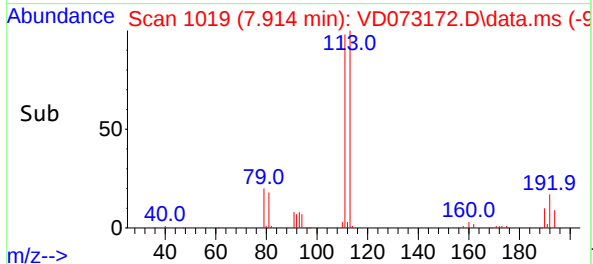
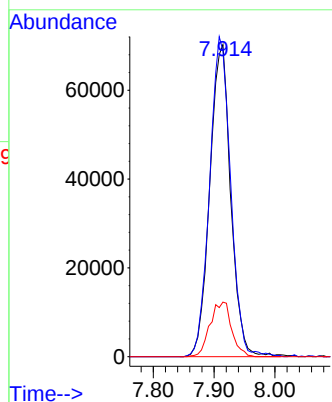
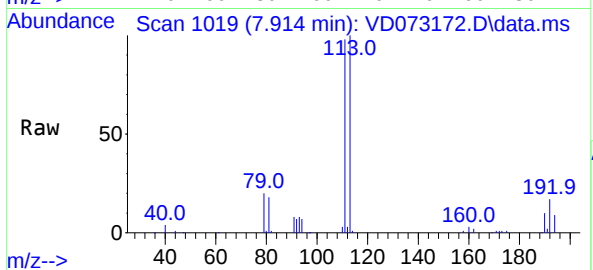




#35
Dibromofluoromethane
Concen: 53.131 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD073172.D
Acq: 20 May 2022 08:41

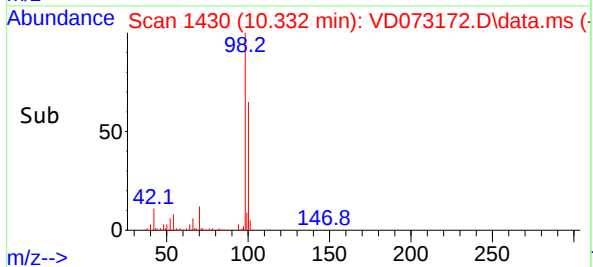
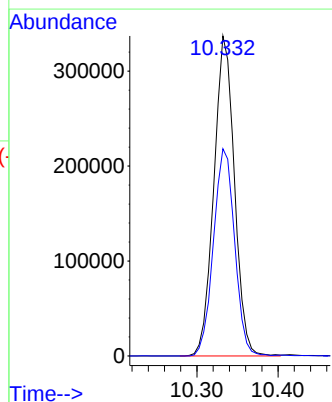
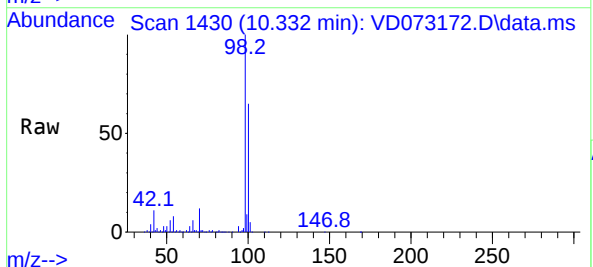
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P023-SS001-0612-01

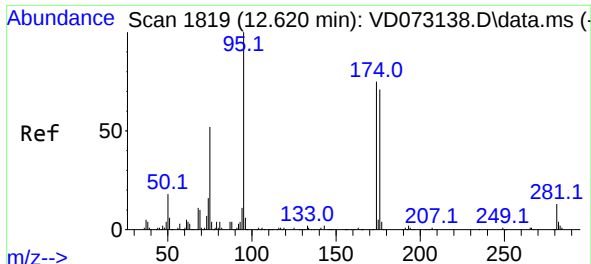
Tgt Ion:113 Resp: 167759
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 18.1 14.6 21.8



#50
Toluene-d8
Concen: 51.089 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073172.D
Acq: 20 May 2022 08:41

Tgt Ion: 98 Resp: 594628
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

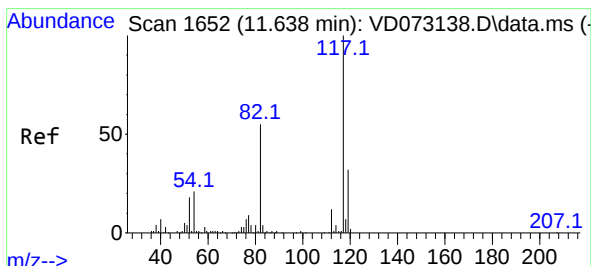
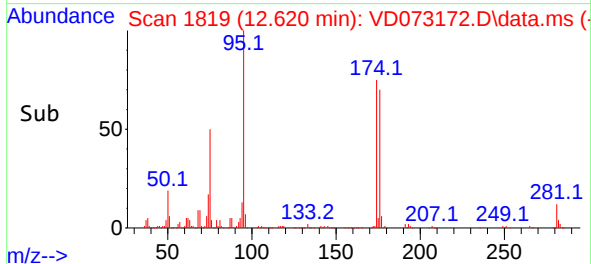
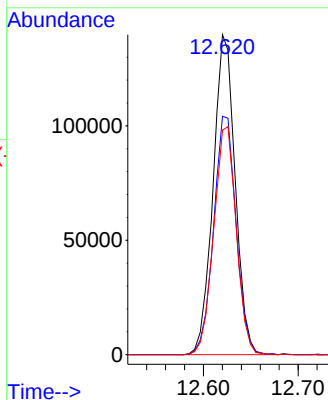
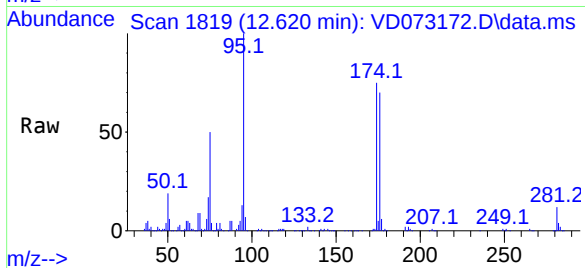




#62
4-Bromofluorobenzene
Concen: 55.443 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073172.D
Acq: 20 May 2022 08:41

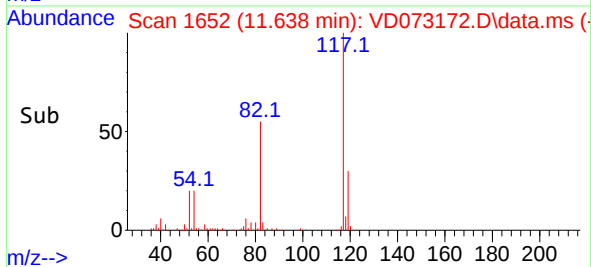
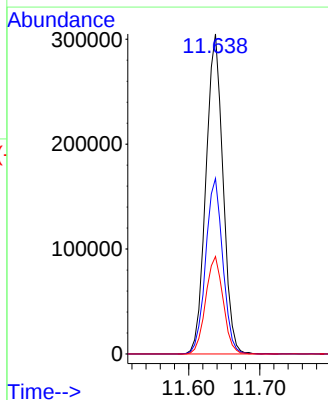
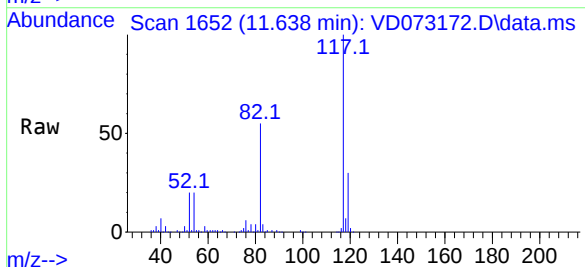
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ClientSampleId :
P023-SS001-0612-01

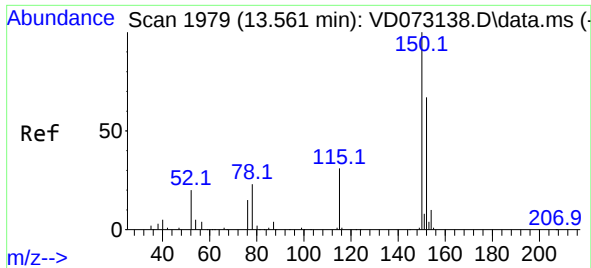
Tgt Ion: 95 Resp: 226465
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 72.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073172.D
Acq: 20 May 2022 08:41

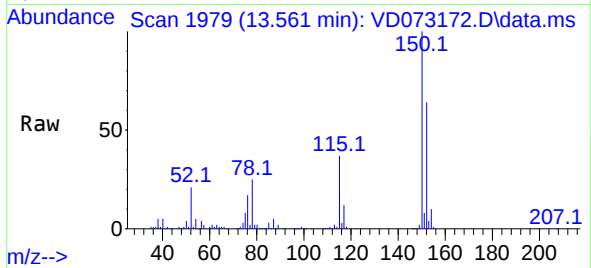
Tgt Ion: 117 Resp: 509497
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 30.5 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073172.D
 Acq: 20 May 2022 08:41

Instrument :
 MSVOA_D
 ClientSampleId :
 P023-SS001-0612-01



Tgt Ion:152 Resp: 233984

Ion	Ratio	Lower	Upper
152	100		
115	60.3	31.3	93.8
150	159.4	0.0	348.6

