

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
 Data File : VD072532.D
 Acq On : 05 Apr 2022 13:52
 Operator : VA/SY
 Sample : N2256-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-040422

Quant Time: Apr 06 01:12:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

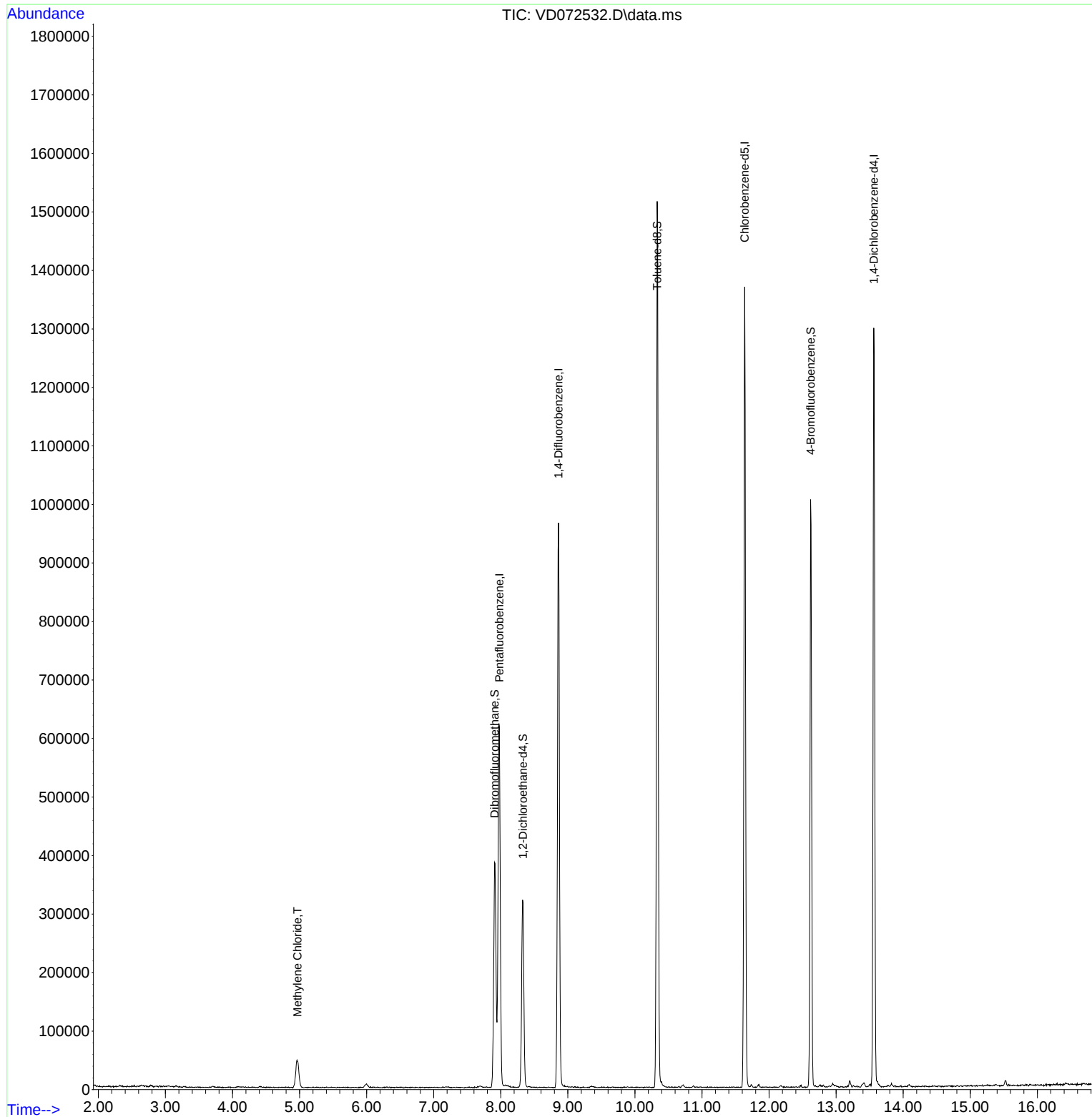
Internal Standards						
1) Pentafluorobenzene	7.979	168	454136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	845163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	781955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	351472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	261684	47.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.260%
35) Dibromofluoromethane	7.908	113	284680	43.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.680%
50) Toluene-d8	10.332	98	1039667	45.537	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.080%
62) 4-Bromofluorobenzene	12.620	95	341064	38.251	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.500%
Target Compounds						
20) Methylene Chloride	4.967	84	40336	6.614	ug/l	Qvalue # 77

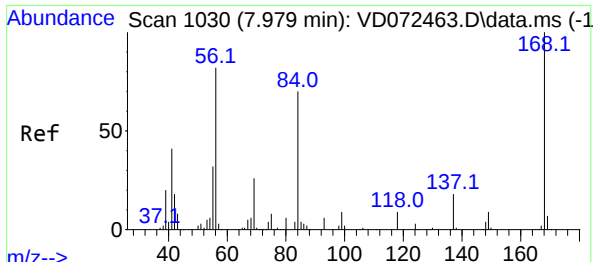
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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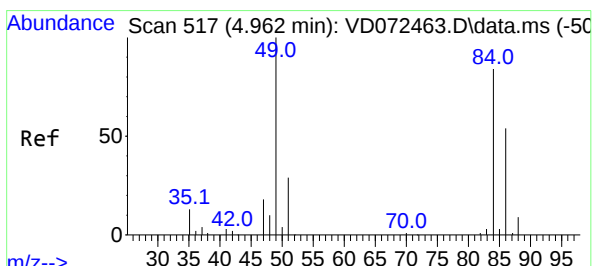
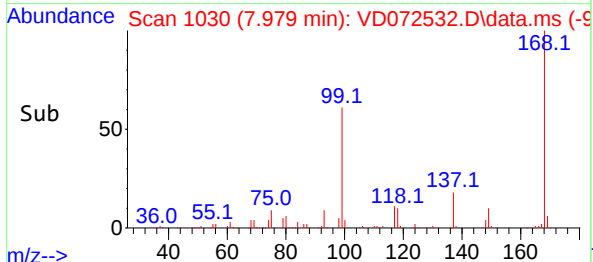
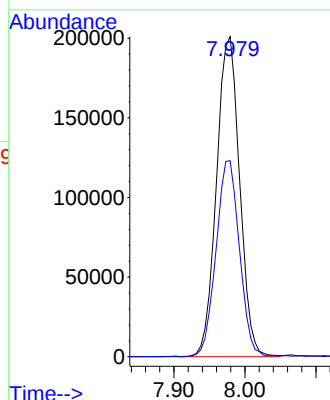
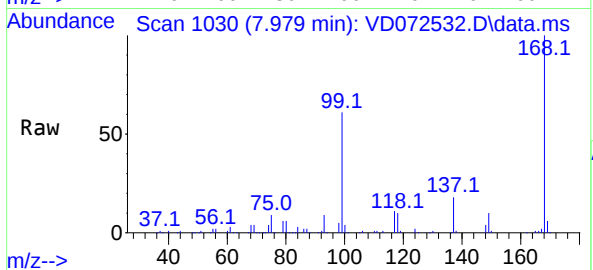




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

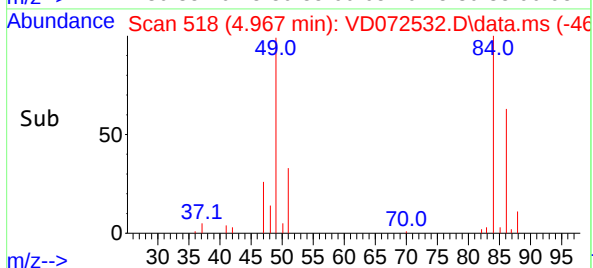
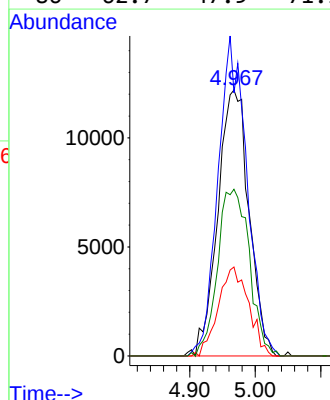
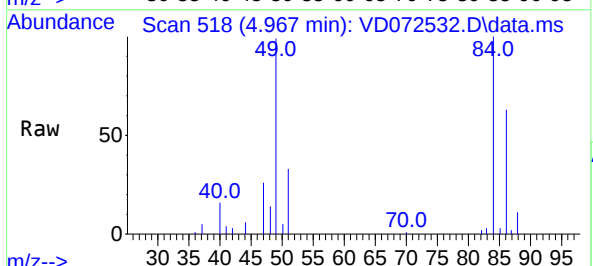
Instrument :
MSVOA_D
ClientSampleId :
SU-02-040422

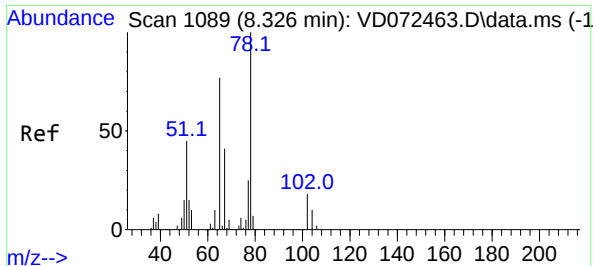
Tgt Ion:168 Resp: 454136
Ion Ratio Lower Upper
168 100
99 61.2 49.8 74.6



#20
Methylene Chloride
Concen: 6.614 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

Tgt Ion: 84 Resp: 40336
Ion Ratio Lower Upper
84 100
49 99.0 112.8 169.2#
51 33.5 32.6 48.8
86 62.7 47.9 71.9





#33

1,2-Dichloroethane-d4

Concen: 47.634 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD072532.D

Acq: 05 Apr 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

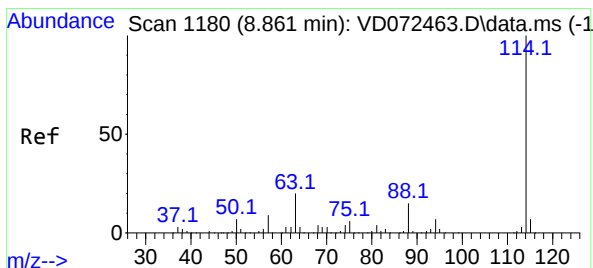
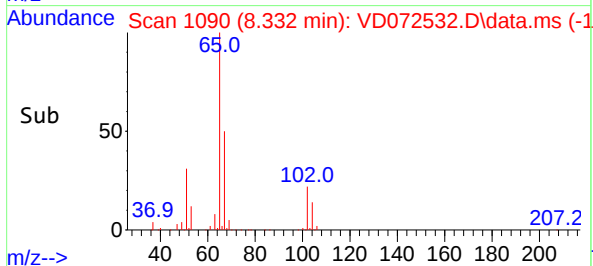
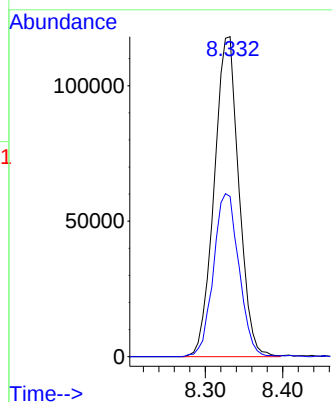
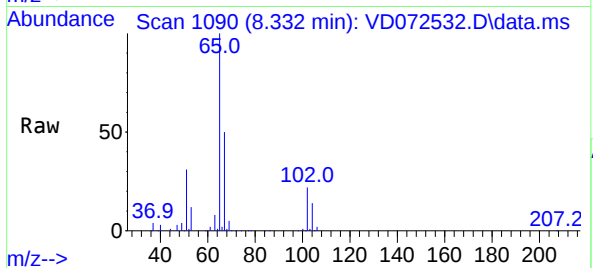
SU-02-040422

Tgt Ion: 65 Resp: 261684

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. -0.000 min

Lab File: VD072532.D

Acq: 05 Apr 2022 13:52

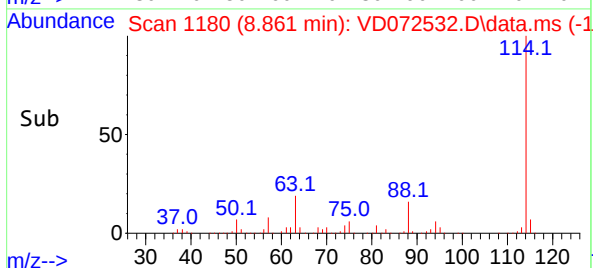
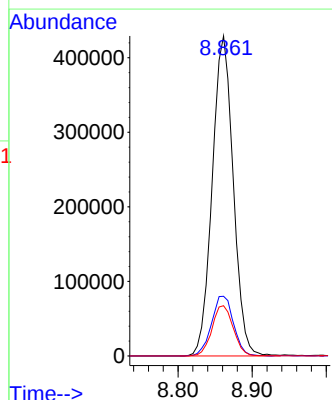
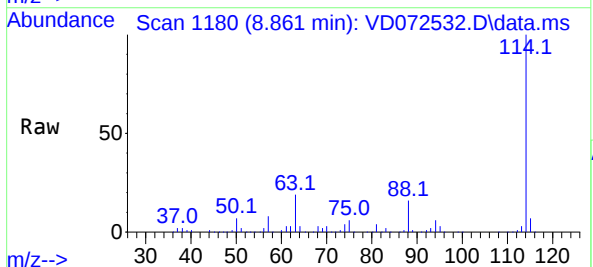
Tgt Ion: 114 Resp: 845163

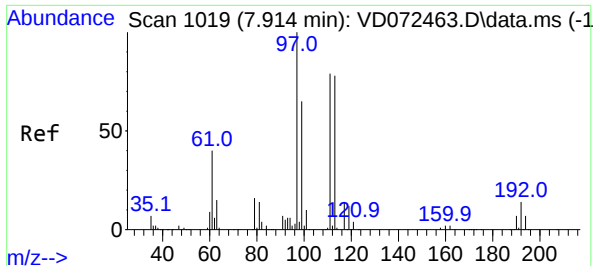
Ion Ratio Lower Upper

114 100

63 18.7 0.0 46.6

88 15.7 0.0 33.2

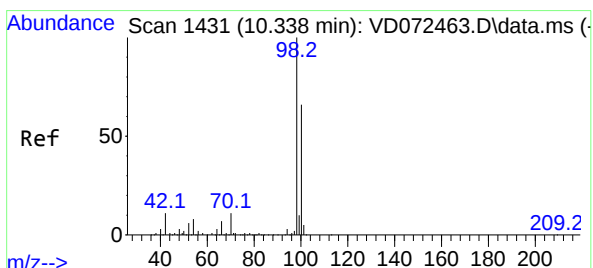
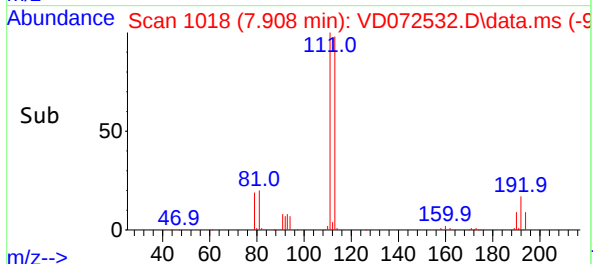
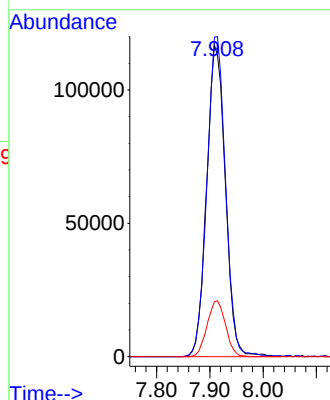
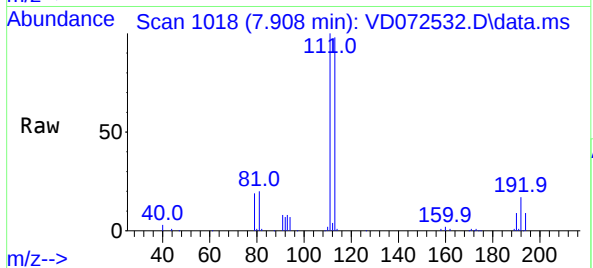




#35
Dibromofluoromethane
Concen: 43.343 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

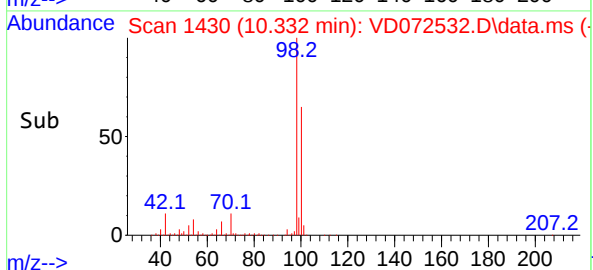
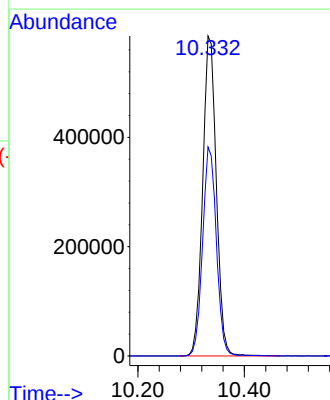
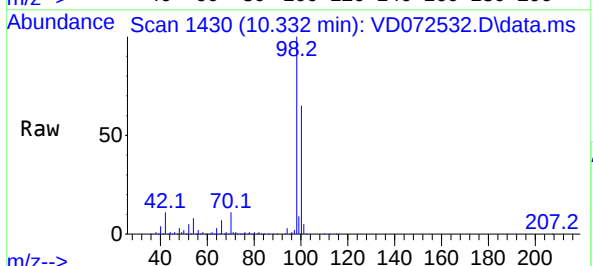
Instrument :
MSVOA_D
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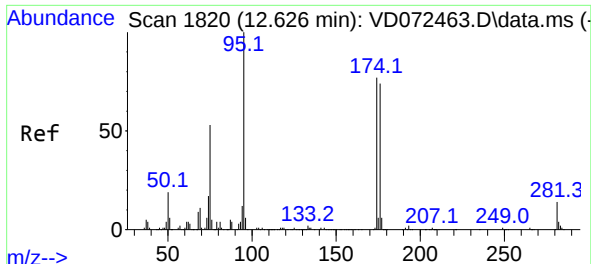
Tgt Ion:113 Resp: 284680
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 17.7 14.6 21.8



#50
Toluene-d8
Concen: 45.537 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

Tgt Ion: 98 Resp: 1039667
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6

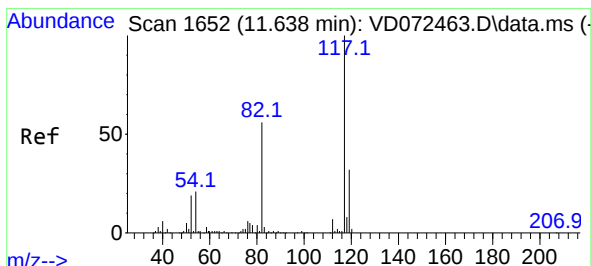
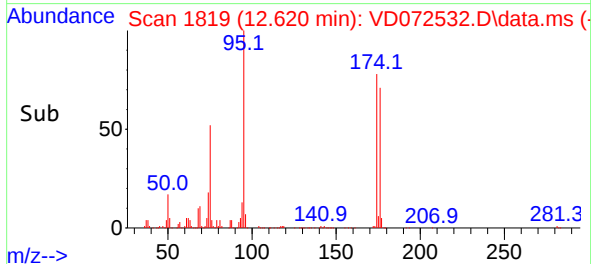
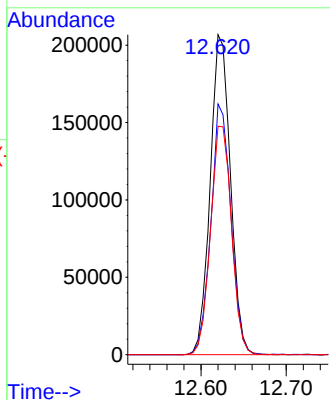
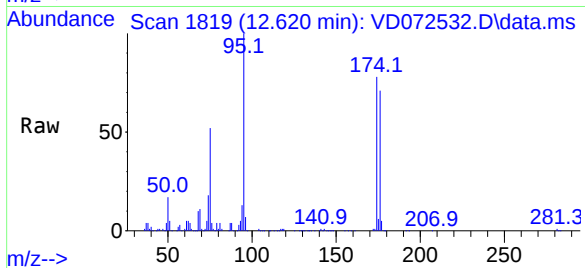




#62
4-Bromofluorobenzene
Concen: 38.251 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

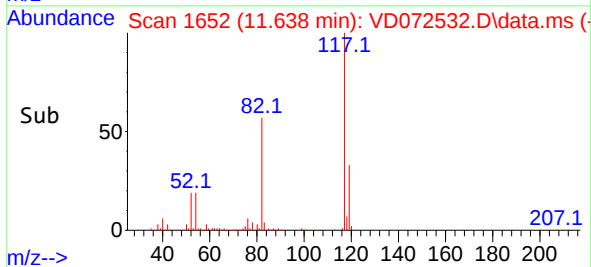
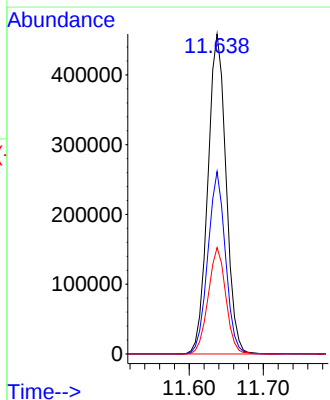
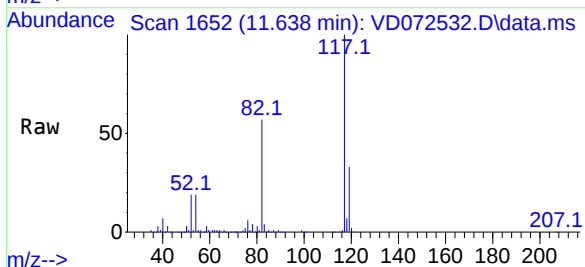
Instrument :
MSVOA_D
ClientSampleId :
SU-02-040422

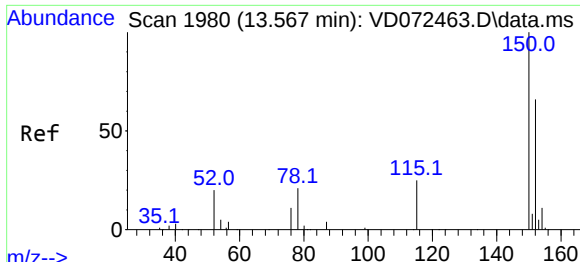
Tgt Ion: 95 Resp: 341064
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 73.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072532.D
Acq: 05 Apr 2022 13:52

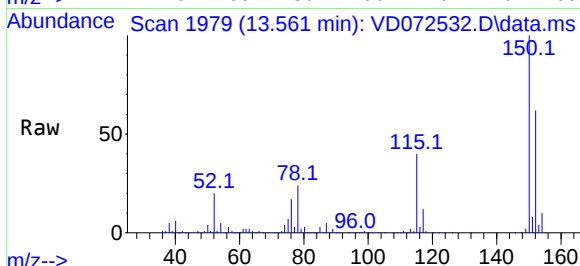
Tgt Ion: 117 Resp: 781955
Ion Ratio Lower Upper
117 100
82 57.0 45.3 67.9
119 33.3 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD072532.D
 Acq: 05 Apr 2022 13:52

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-040422



Tgt Ion:152 Resp: 351472
 Ion Ratio Lower Upper
 152 100
 115 61.0 31.3 93.8
 150 158.5 0.0 348.6

