

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040422\
 Data File : VD072519.D
 Acq On : 04 Apr 2022 15:27
 Operator : VA/SY
 Sample : N2238-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11966

Quant Time: Apr 05 03:20:19 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)

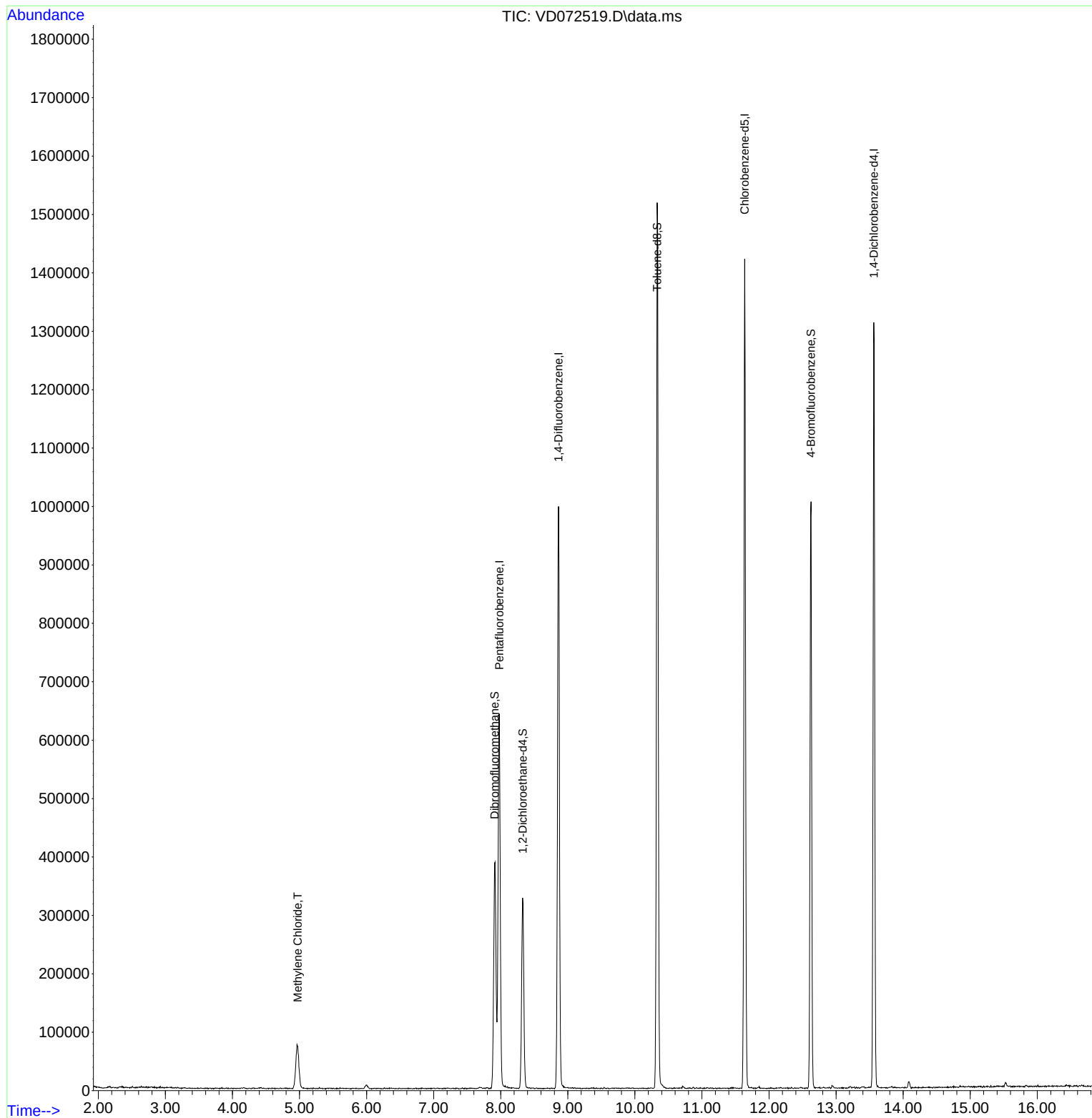
Internal Standards						
1) Pentafluorobenzene	7.979	168	459342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	855723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	811576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	355210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	266598	47.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.960%
35) Dibromofluoromethane	7.909	113	285682	42.959	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.920%
50) Toluene-d8	10.332	98	1050472	45.443	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.880%
62) 4-Bromofluorobenzene	12.626	95	347113	38.449	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.900%
Target Compounds						
20) Methylene Chloride	4.973	84	60604	9.825	ug/l	Qvalue # 82

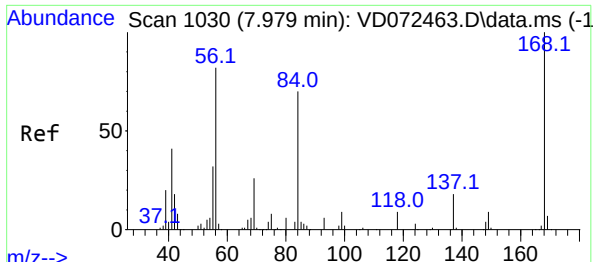
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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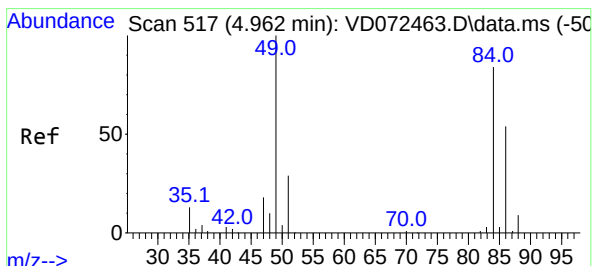
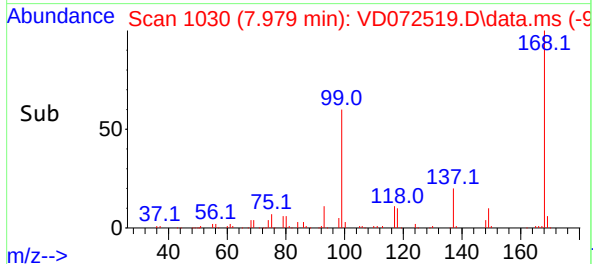
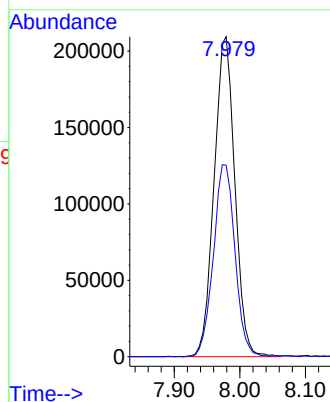
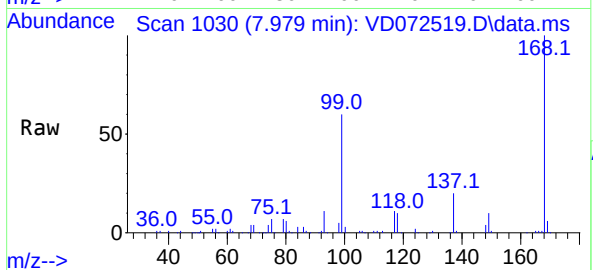




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072519.D
Acq: 04 Apr 2022 15:27

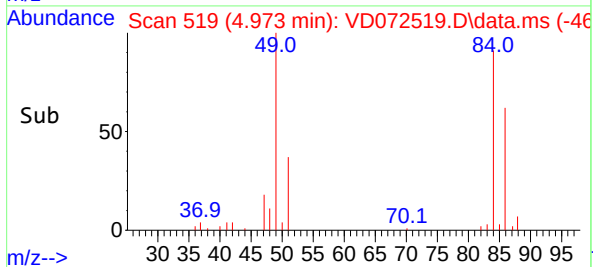
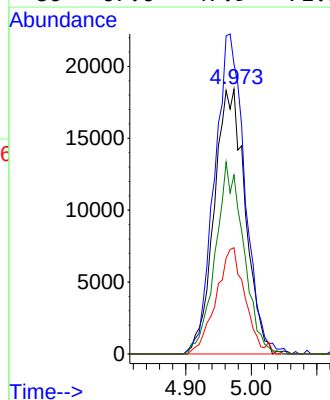
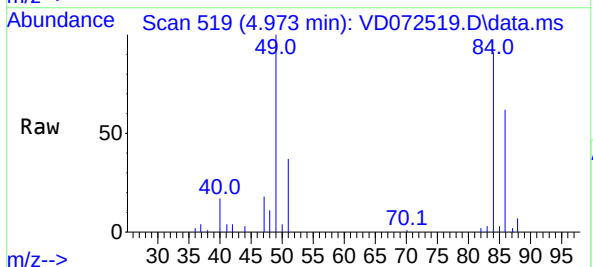
Instrument :
MSVOA_D
ClientSampleId :
72-11966

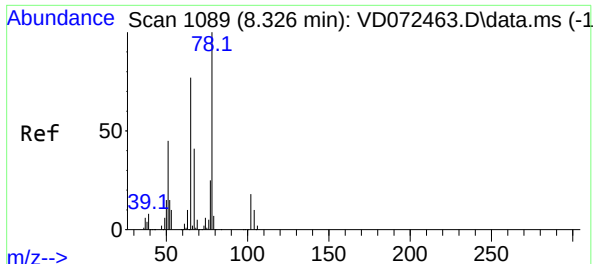
Tgt Ion:168 Resp: 459342
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#20
Methylene Chloride
Concen: 9.825 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.012 min
Lab File: VD072519.D
Acq: 04 Apr 2022 15:27

Tgt Ion: 84 Resp: 60604
Ion Ratio Lower Upper
84 100
49 109.6 112.8 169.2#
51 40.1 32.6 48.8
86 67.6 47.9 71.9

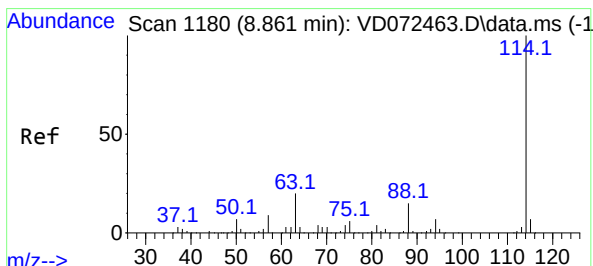
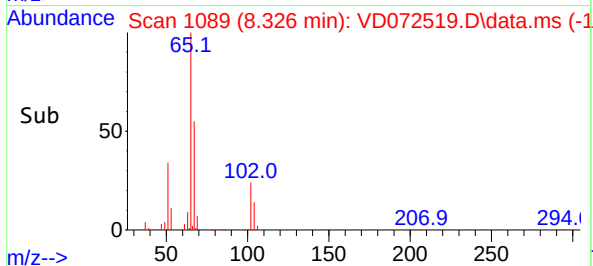
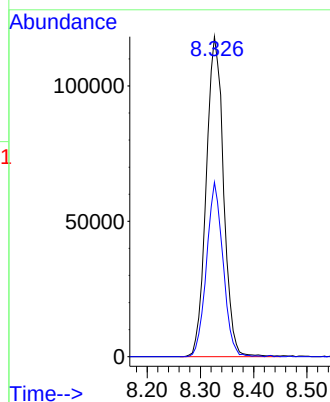
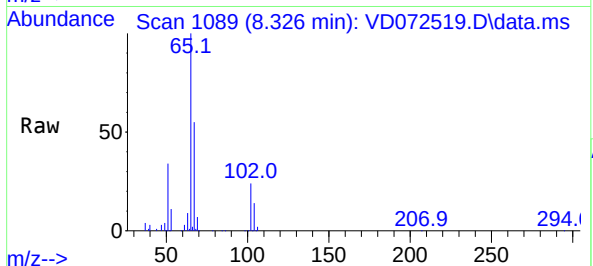




#33
1,2-Dichloroethane-d4
Concen: 47.978 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072519.D
Acq: 04 Apr 2022 15:27

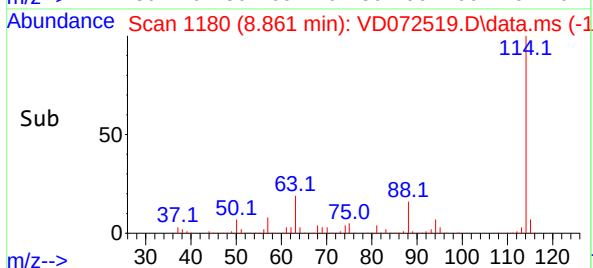
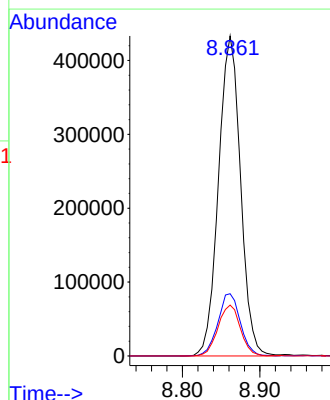
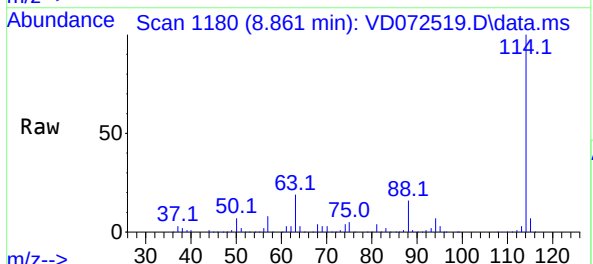
Instrument :
MSVOA_D
ClientSampleId :
72-11966

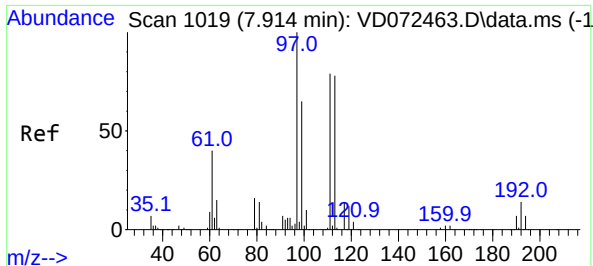
Tgt Ion: 65 Resp: 266598
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072519.D
Acq: 04 Apr 2022 15:27

Tgt Ion: 114 Resp: 855723
Ion Ratio Lower Upper
114 100
63 19.4 0.0 46.6
88 15.9 0.0 33.2

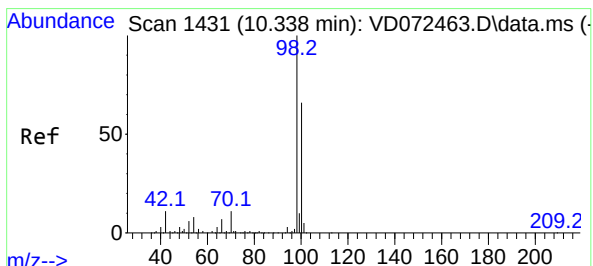
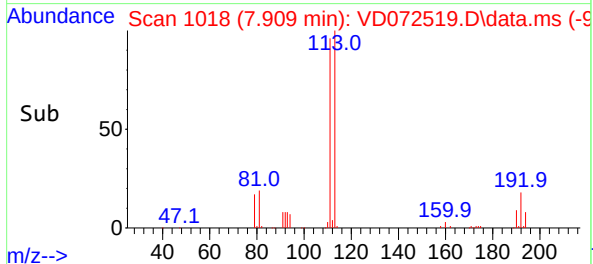
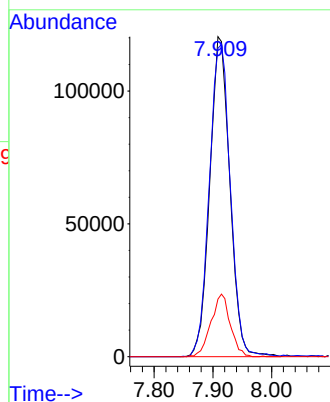
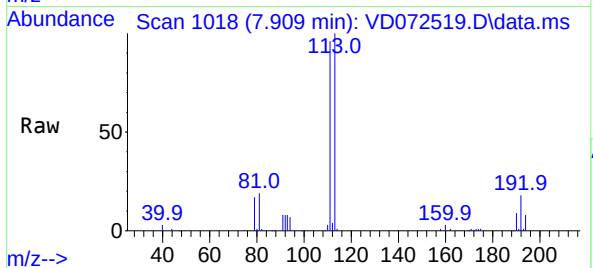




#35
Dibromofluoromethane
Concen: 42.959 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD072519.D
Acq: 04 Apr 2022 15:27

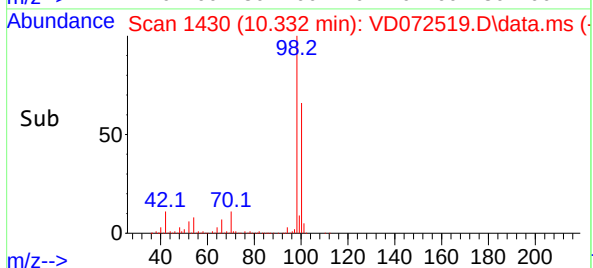
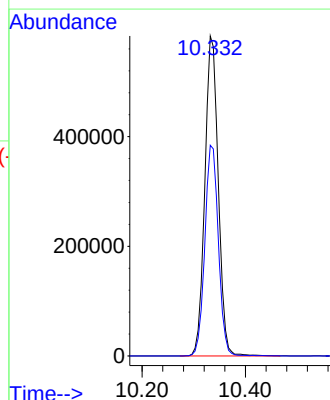
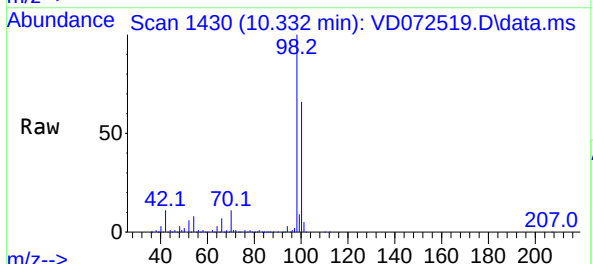
Instrument :
MSVOA_D
ClientSampleId :
72-11966

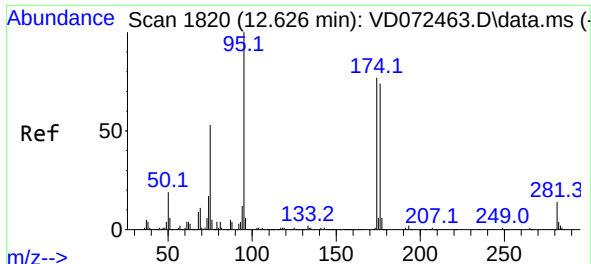
Tgt Ion:113 Resp: 285682
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 18.8 14.6 21.8



#50
Toluene-d8
Concen: 45.443 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072519.D
Acq: 04 Apr 2022 15:27

Tgt Ion: 98 Resp: 1050472
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

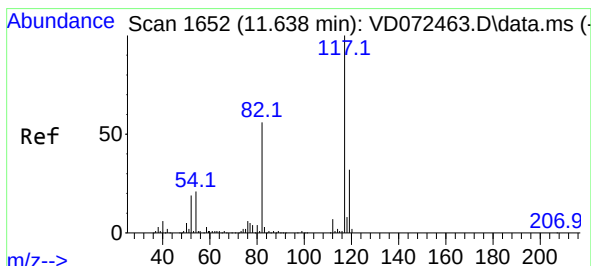
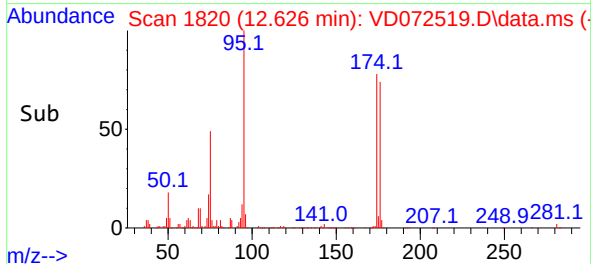
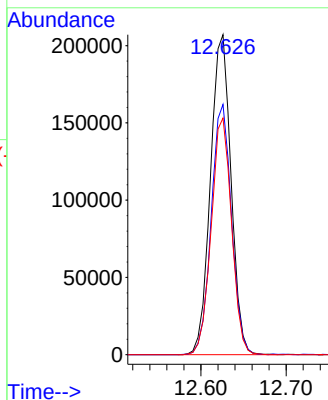
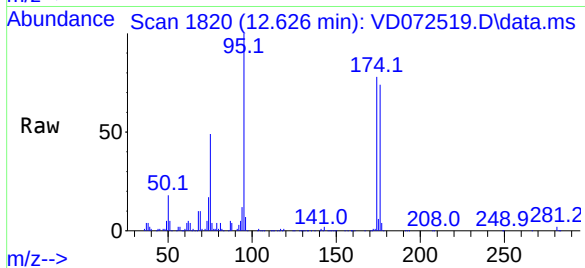




#62
4-Bromofluorobenzene
Concen: 38.449 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072519.D
Acq: 04 Apr 2022 15:27

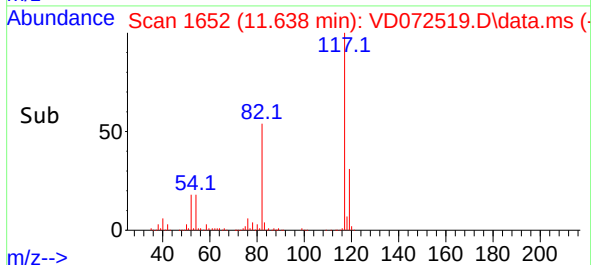
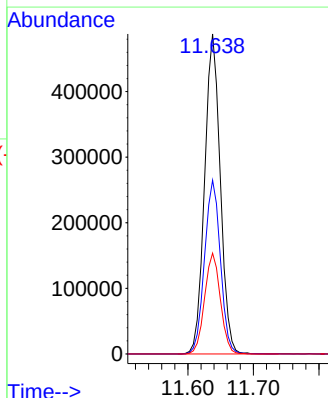
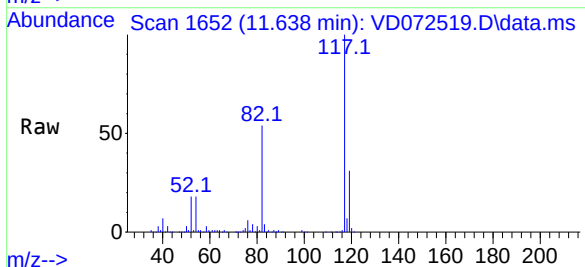
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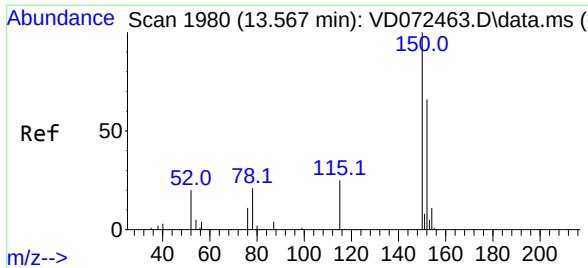
Tgt Ion: 95 Resp: 347113
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 73.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072519.D
Acq: 04 Apr 2022 15:27

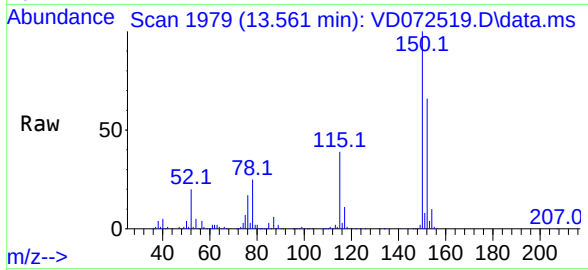
Tgt Ion: 117 Resp: 811576
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 31.5 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072519.D
 Acq: 04 Apr 2022 15:27

Instrument : MSVOA_D
 ClientSampleId : 72-11966



Tgt Ion:152 Resp: 355210

Ion	Ratio	Lower	Upper
152	100		
115	59.8	31.3	93.8
150	158.2	0.0	348.6

