

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD072989.D
 Acq On : 13 May 2022 15:01
 Operator : VA/SY
 Sample : N2826-01
 Misc : 5.02 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-05-051222

Quant Time: May 13 15:09:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

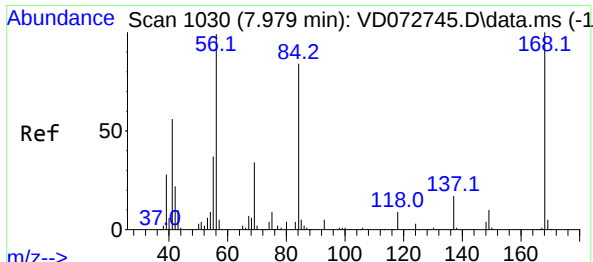
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	146549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	265898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	288499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	160859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	118167	62.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.240%	
35) Dibromofluoromethane	7.909	113	103206	55.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.540%	
50) Toluene-d8	10.332	98	331889	49.546	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.100%	
62) 4-Bromofluorobenzene	12.620	95	156129	62.508	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 125.020%	
Target Compounds						
					Qvalue	
80) 1,3,5-Trimethylbenzene	12.944	105	83986	7.914	ug/l #	60
86) p-Isopropyltoluene	13.502	119	155269	13.917	ug/l #	76

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072989.D

Acq: 13 May 2022 15:01

Instrument :

MSVOA_D

ClientSampleId :

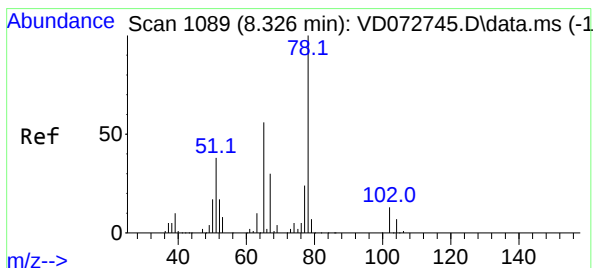
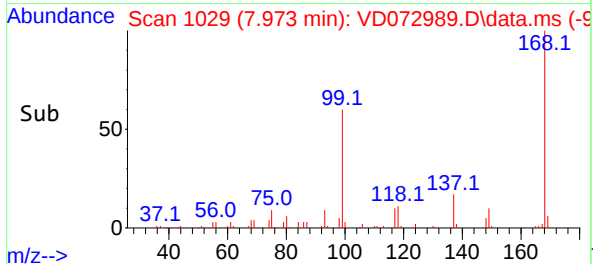
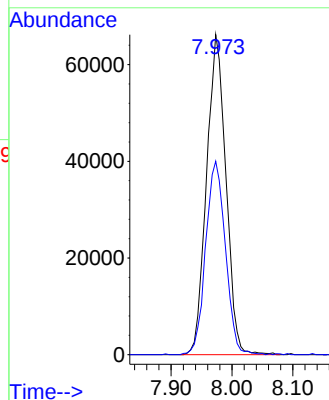
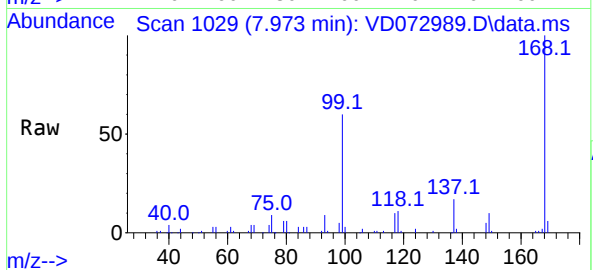
PL-05-051222

Tgt Ion:168 Resp: 146549

Ion Ratio Lower Upper

168 100

99 60.5 49.8 74.6



1,2-Dichloroethane-d4

Concen: 62.117 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072989.D

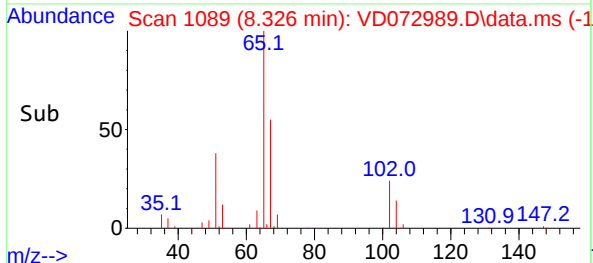
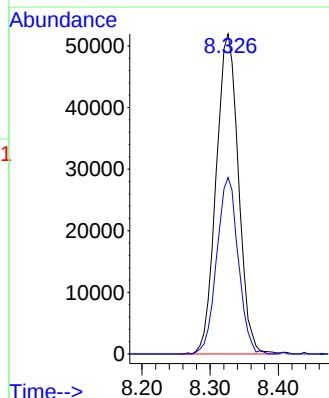
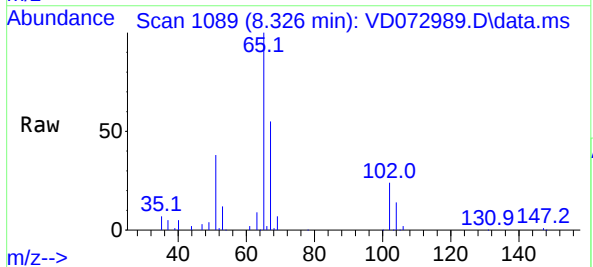
Acq: 13 May 2022 15:01

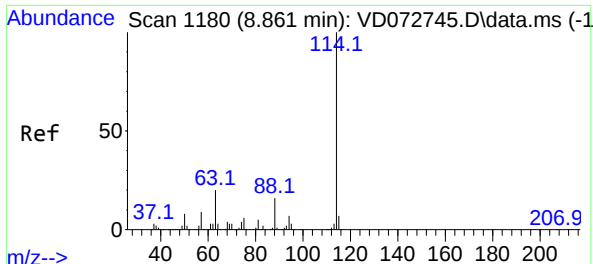
Tgt Ion: 65 Resp: 118167

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4



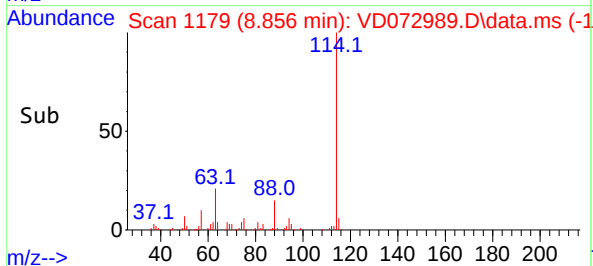
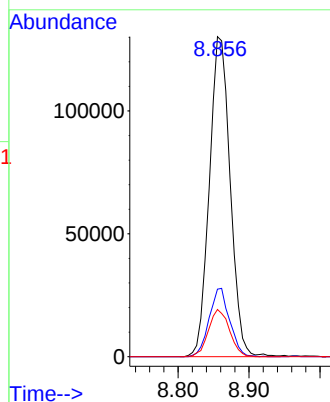
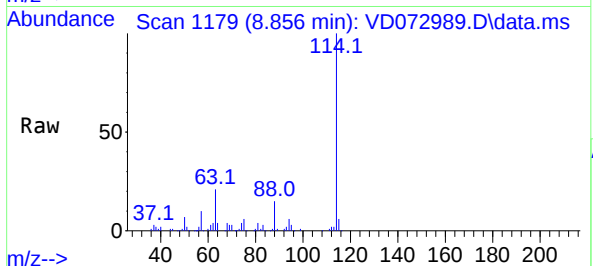


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD072989.D
Acq: 13 May 2022 15:01

Instrument :
MSVOA_D
ClientSampleId :
PL-05-051222

Tgt Ion:114 Resp: 265898

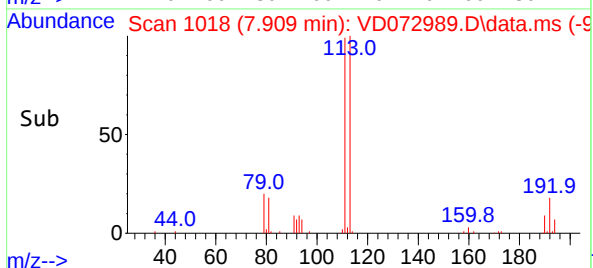
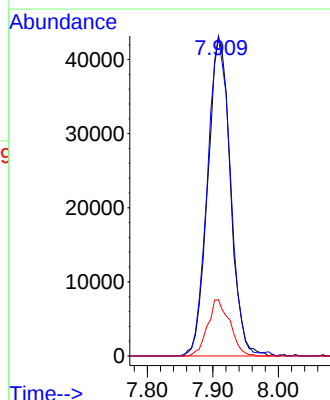
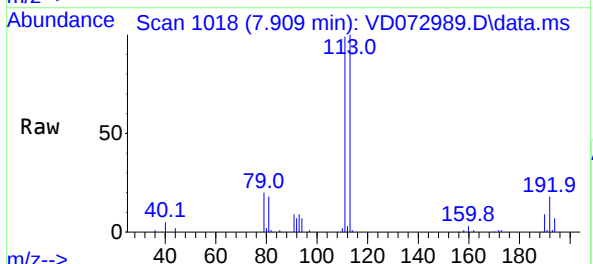
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	46.6
88	14.8	0.0	33.2

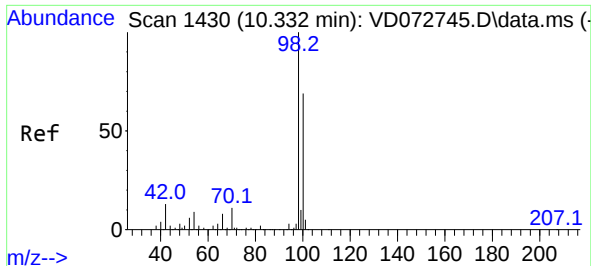


#35
Dibromofluoromethane
Concen: 55.266 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072989.D
Acq: 13 May 2022 15:01

Tgt Ion:113 Resp: 103206

Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.8	125.6
192	17.3	14.6	21.8

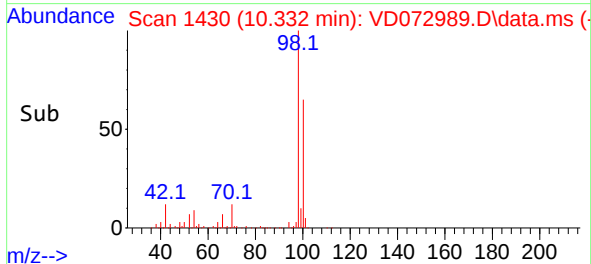
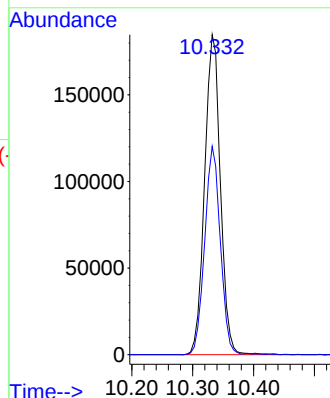
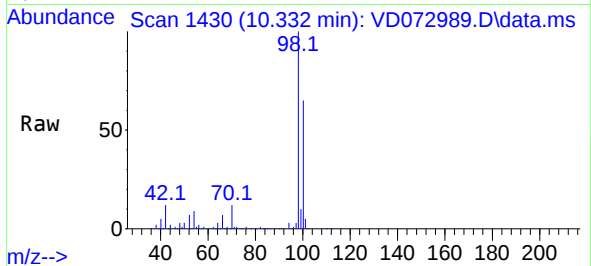




#50
Toluene-d8
Concen: 49.546 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072989.D
Acq: 13 May 2022 15:01

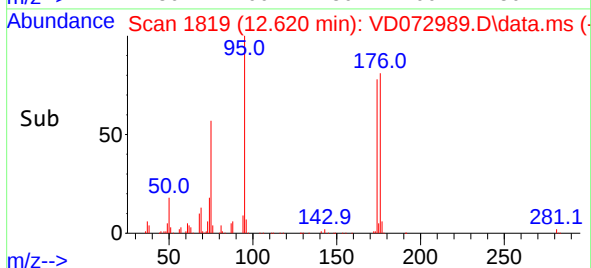
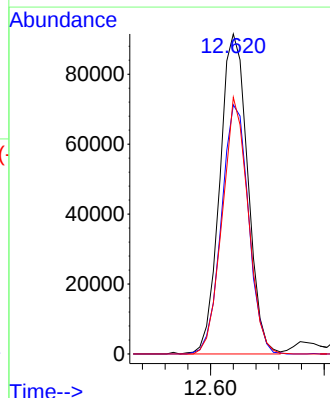
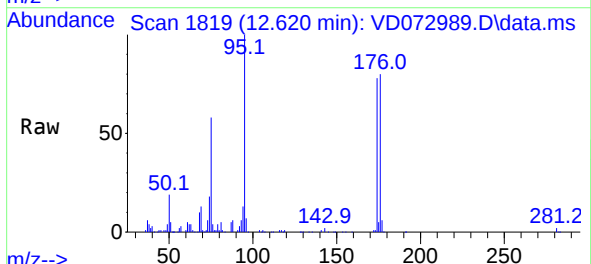
Instrument :
MSVOA_D
ClientSampleId :
PL-05-051222

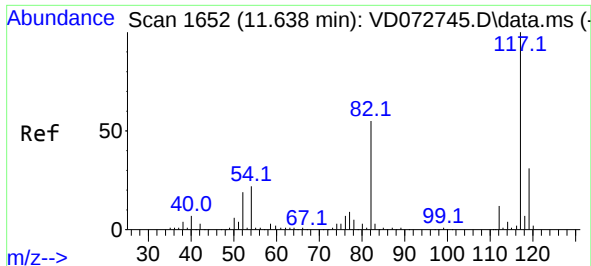
Tgt Ion: 98 Resp: 331889
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 62.508 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072989.D
Acq: 13 May 2022 15:01

Tgt Ion: 95 Resp: 156129
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 74.2 0.0 145.4

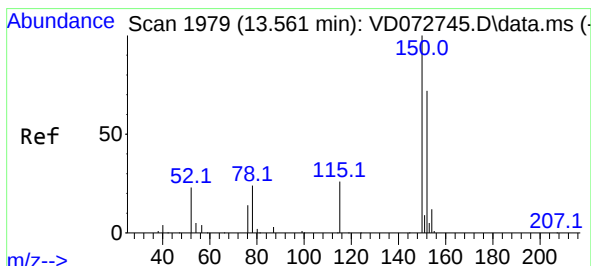
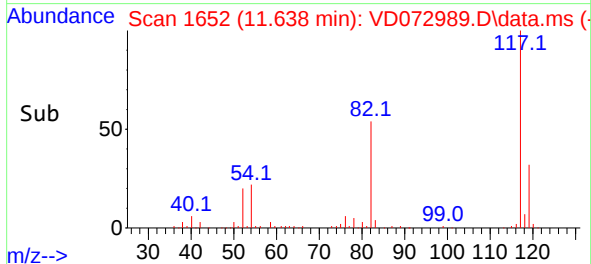
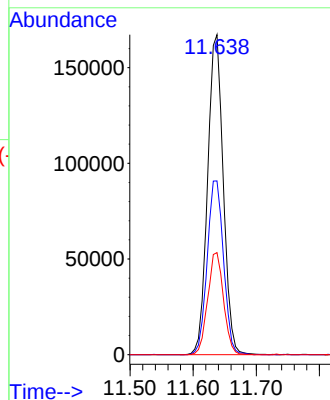
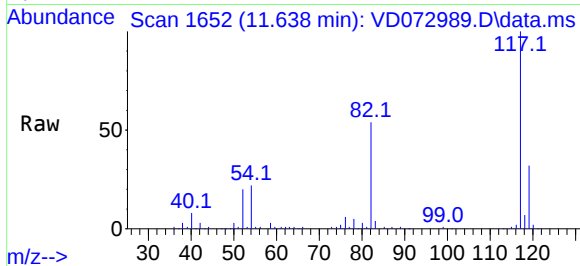




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072989.D
Acq: 13 May 2022 15:01

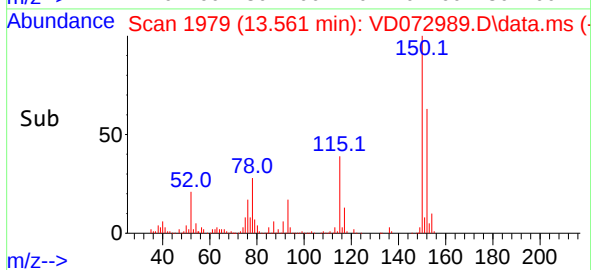
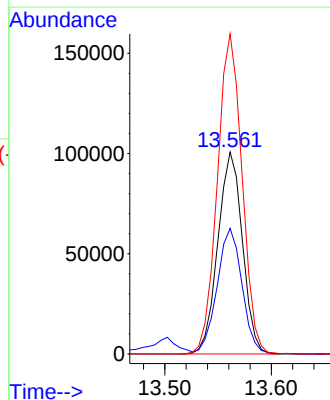
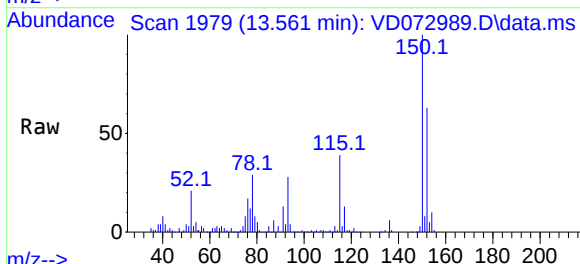
Instrument :
MSVOA_D
ClientSampleId :
PL-05-051222

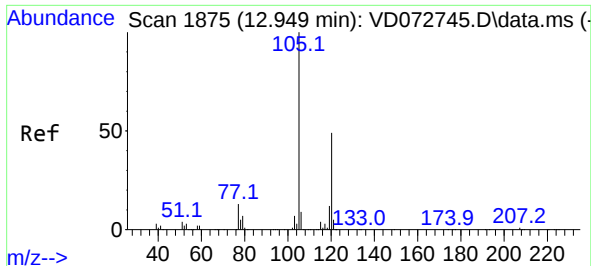
Tgt Ion:117 Resp: 288499
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 31.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072989.D
Acq: 13 May 2022 15:01

Tgt Ion:152 Resp: 160859
Ion Ratio Lower Upper
152 100
115 63.3 31.3 93.8
150 159.5 0.0 348.6

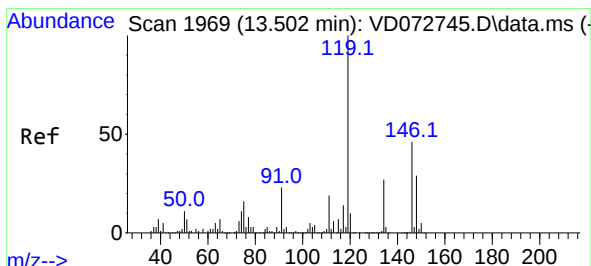
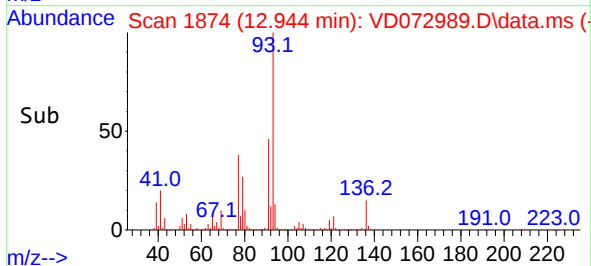
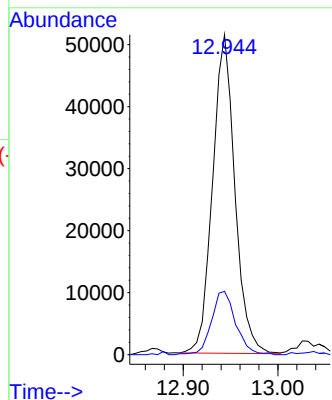
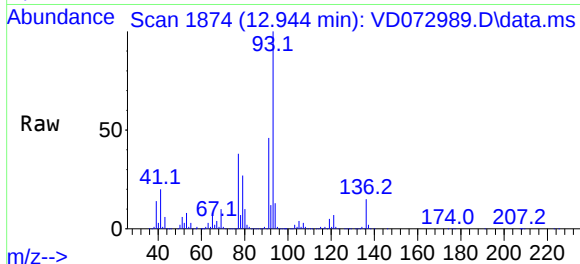




#80
1,3,5-Trimethylbenzene
Concen: 7.914 ug/l
RT: 12.944 min Scan# 1875
Delta R.T. -0.005 min
Lab File: VD072989.D
Acq: 13 May 2022 15:01

Instrument :
MSVOA_D
ClientSampleId :
PL-05-051222

Tgt Ion:105 Resp: 83986
Ion Ratio Lower Upper
105 100
120 21.6 24.3 72.8#



#86
p-Isopropyltoluene
Concen: 13.917 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072989.D
Acq: 13 May 2022 15:01

Tgt Ion:119 Resp: 155269
Ion Ratio Lower Upper
119 100
134 25.6 12.9 38.6
91 0.0 12.1 36.3#

