

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073397.D
 Acq On : 26 May 2022 19:27
 Operator : VA/SY
 Sample : N3072-03
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124035

Quant Time: May 27 01:33:49 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)

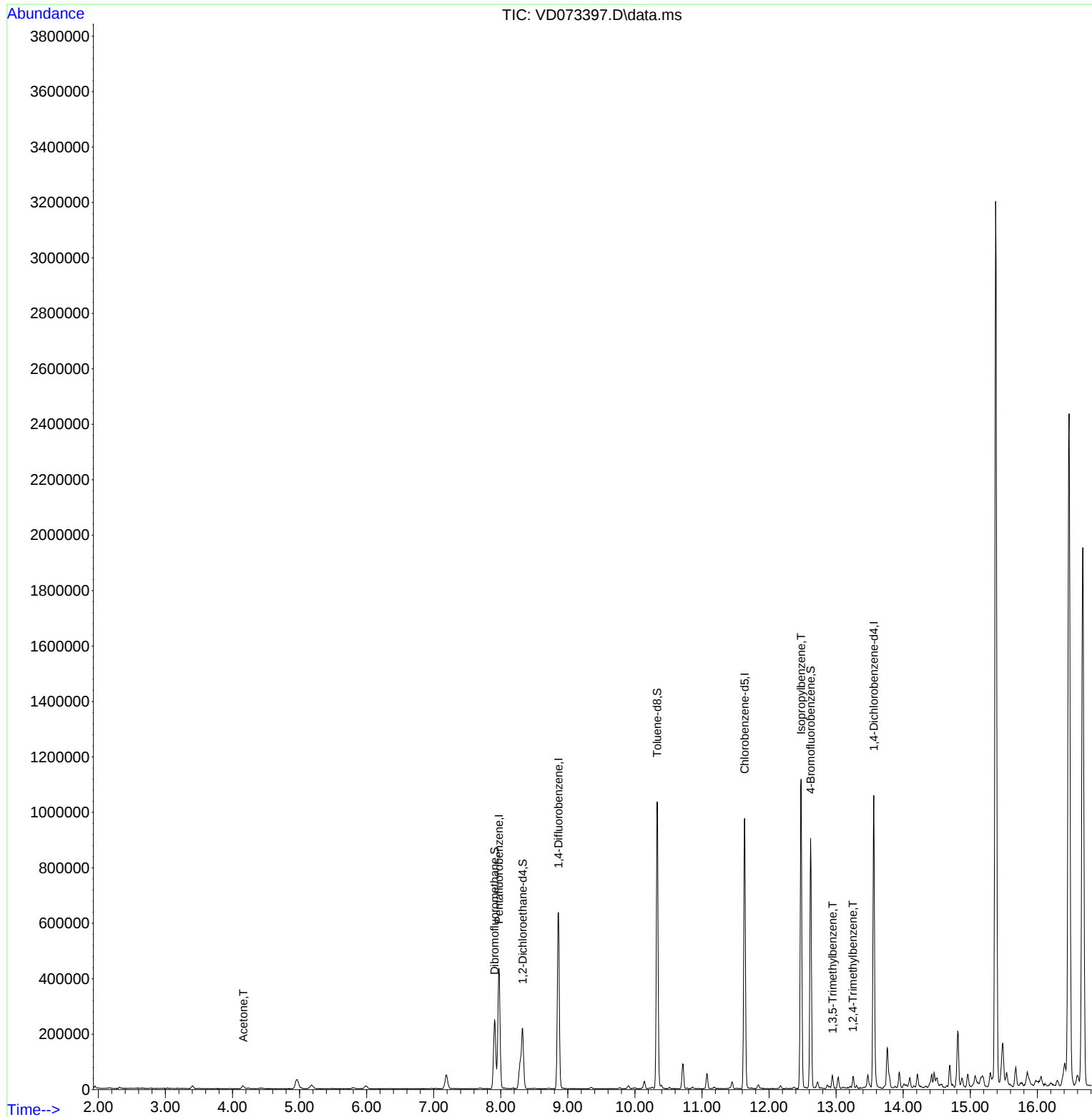
Internal Standards						
1) Pentafluorobenzene	7.973	168	317740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	559337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	583636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	273562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	159836	45.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.040%
35) Dibromofluoromethane	7.908	113	182144	49.350	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.332	98	701772	51.580	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.160%
62) 4-Bromofluorobenzene	12.620	95	287732	60.261	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.520%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	17138	28.177	ug/l	94
73) Isopropylbenzene	12.479	105	50923	2.611	ug/l #	70
80) 1,3,5-Trimethylbenzene	12.949	105	17370	1.051	ug/l	91
84) 1,2,4-Trimethylbenzene	13.249	105	23483	1.439	ug/l	97

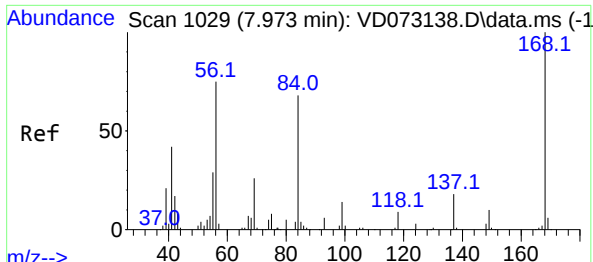
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

MSVOA_D

ClientSampleId :

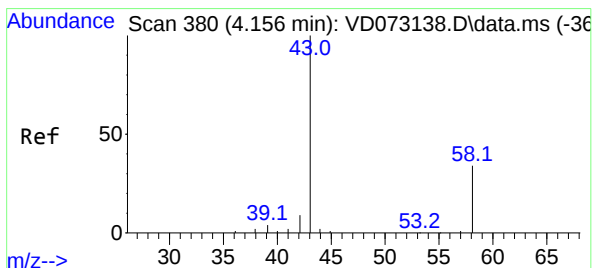
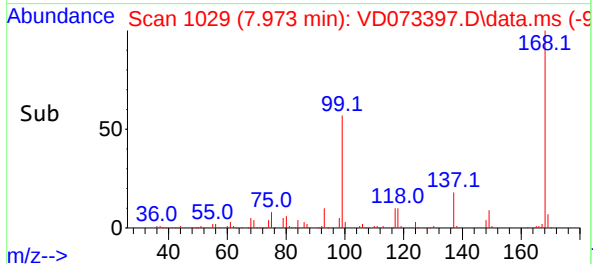
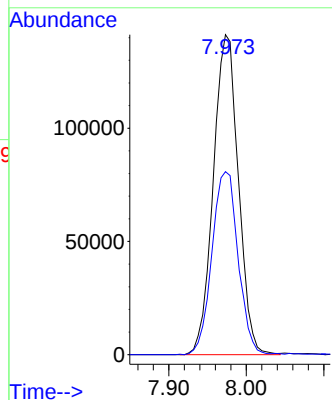
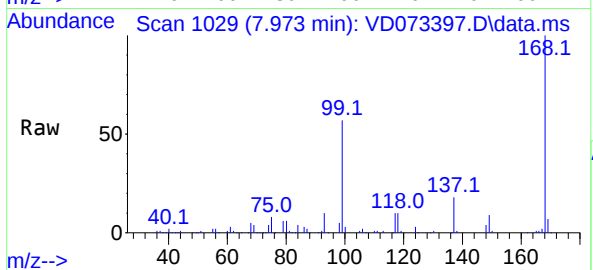
PSC-124035

Tgt Ion:168 Resp: 317740

Ion Ratio Lower Upper

168 100

99 57.0 49.8 74.6



#16

Acetone

Concen: 28.177 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.006 min

Lab File: VD073397.D

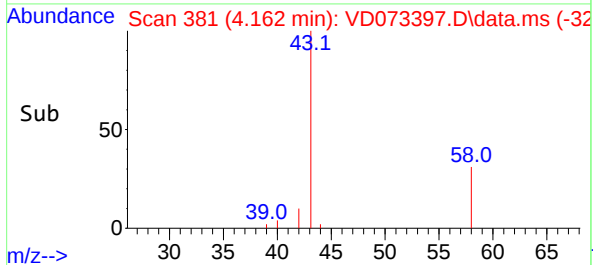
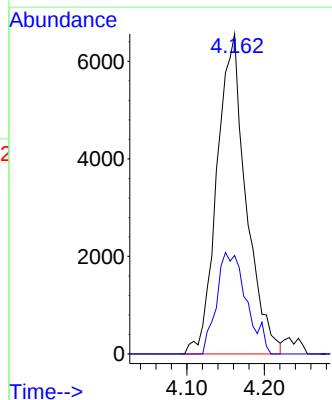
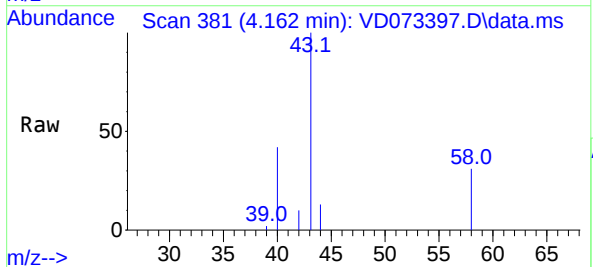
Acq: 26 May 2022 19:27

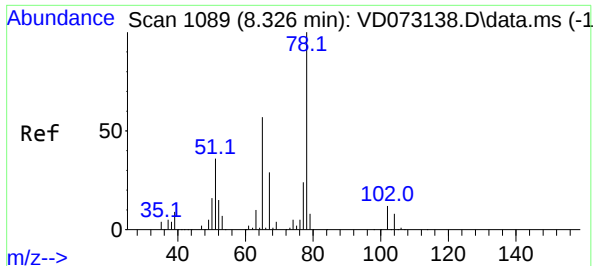
Tgt Ion: 43 Resp: 17138

Ion Ratio Lower Upper

43 100

58 30.8 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 45.518 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073397.D

Acq: 26 May 2022 19:27

Instrument :

MSVOA_D

ClientSampleId :

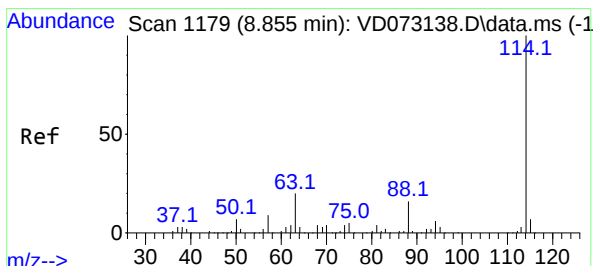
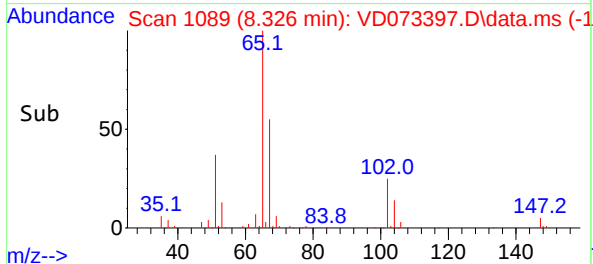
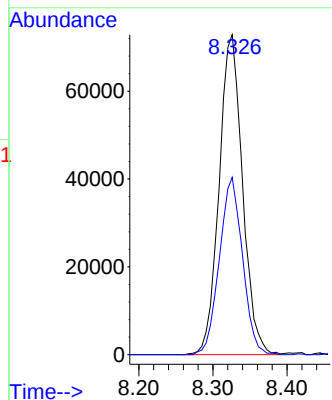
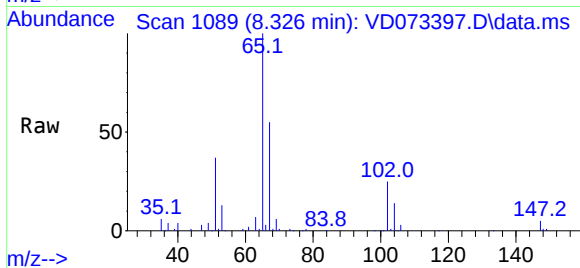
PSC-124035

Tgt Ion: 65 Resp: 159836

Ion Ratio Lower Upper

65 100

67 54.7 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: VD073397.D

Acq: 26 May 2022 19:27

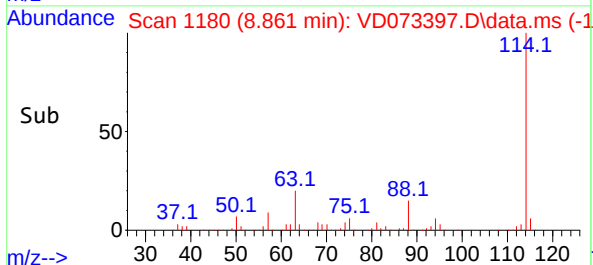
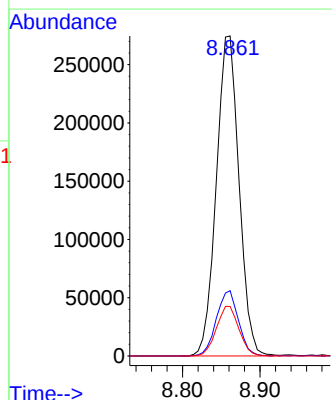
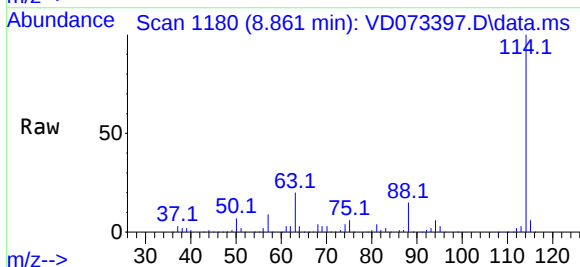
Tgt Ion: 114 Resp: 559337

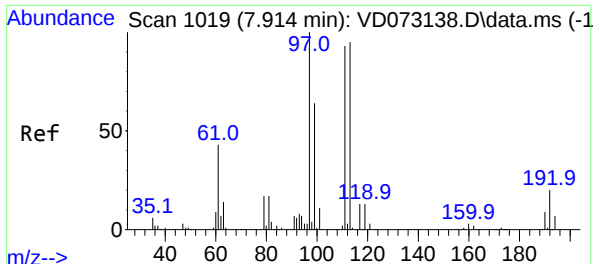
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.4 0.0 33.2

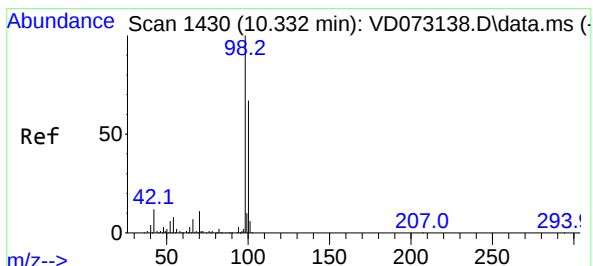
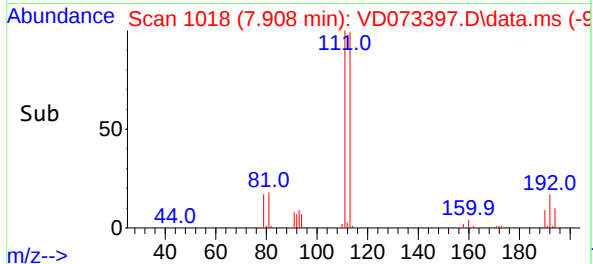
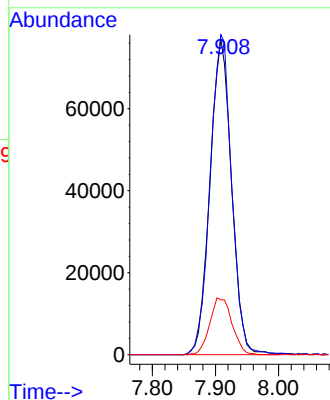
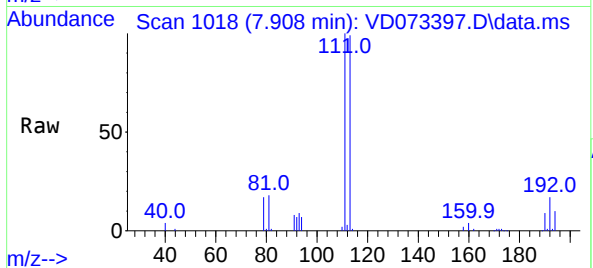




#35
Dibromofluoromethane
Concen: 49.350 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073397.D
Acq: 26 May 2022 19:27

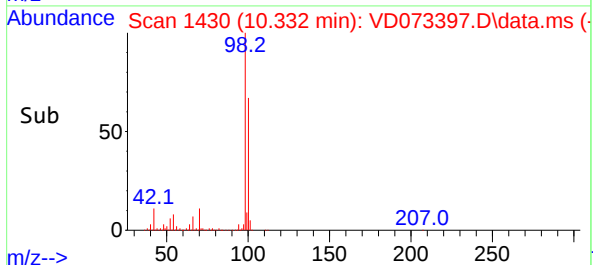
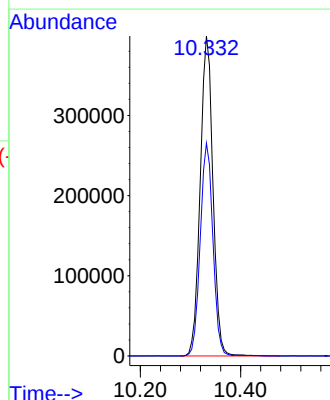
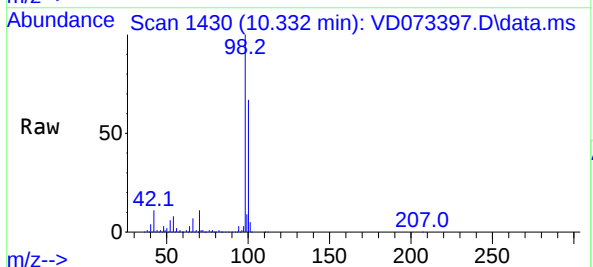
Instrument :
MSVOA_D
ClientSampleId :
PSC-124035

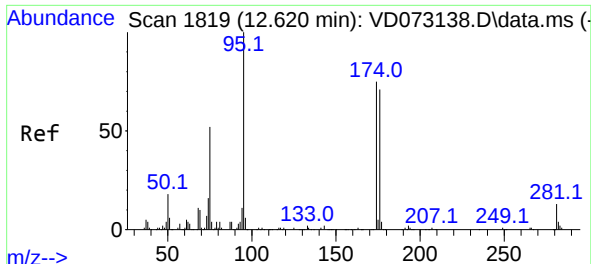
Tgt Ion:113 Resp: 182144
Ion Ratio Lower Upper
113 100
111 101.3 83.8 125.6
192 18.6 14.6 21.8



#50
Toluene-d8
Concen: 51.580 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073397.D
Acq: 26 May 2022 19:27

Tgt Ion: 98 Resp: 701772
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

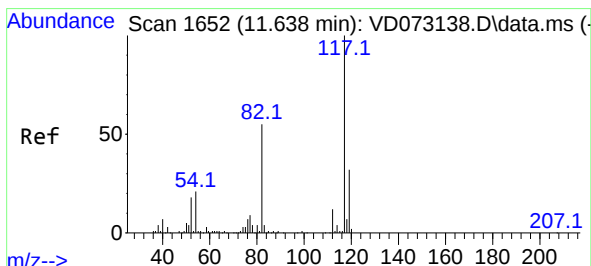
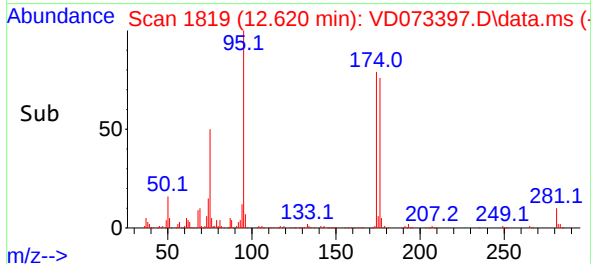
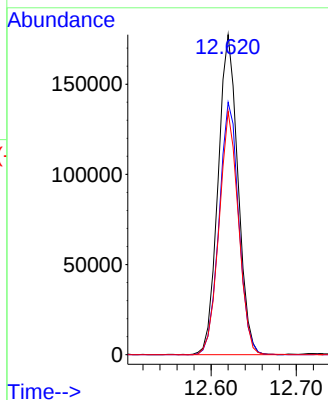
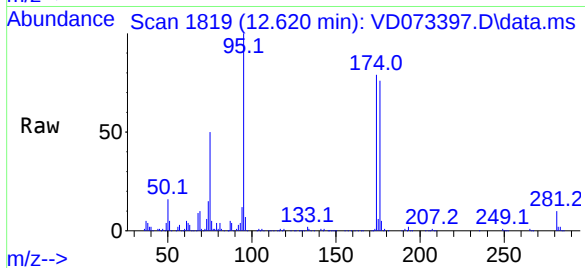




#62
4-Bromofluorobenzene
Concen: 60.261 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073397.D
Acq: 26 May 2022 19:27

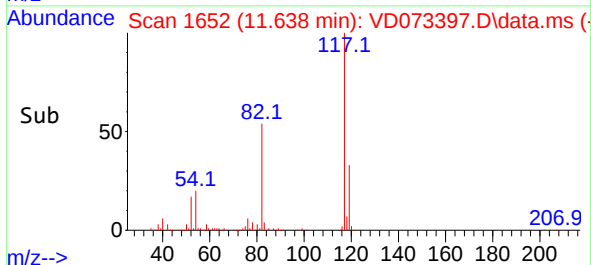
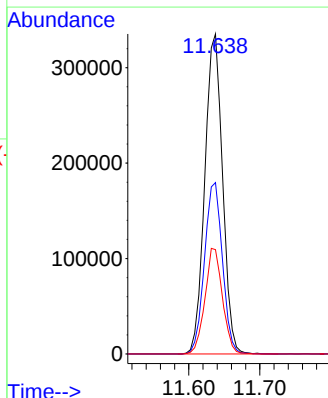
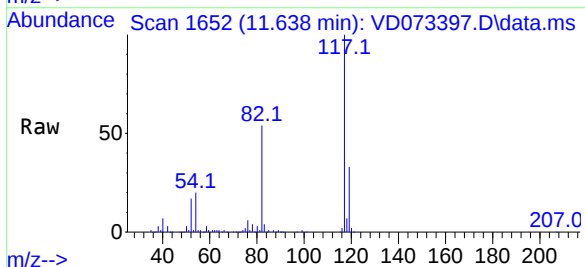
Instrument :
MSVOA_D
ClientSampleId :
PSC-124035

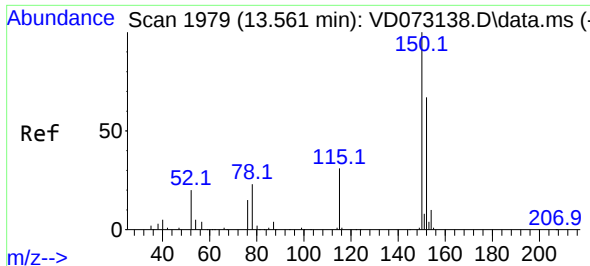
Tgt Ion: 95 Resp: 287732
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 73.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073397.D
Acq: 26 May 2022 19:27

Tgt Ion: 117 Resp: 583636
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 32.6 26.6 40.0

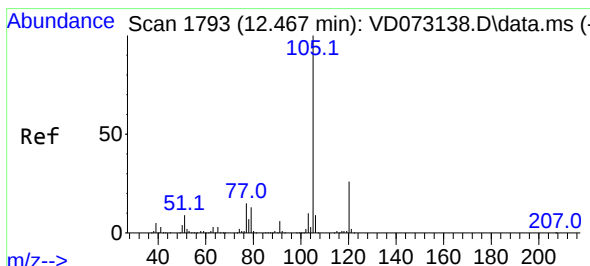
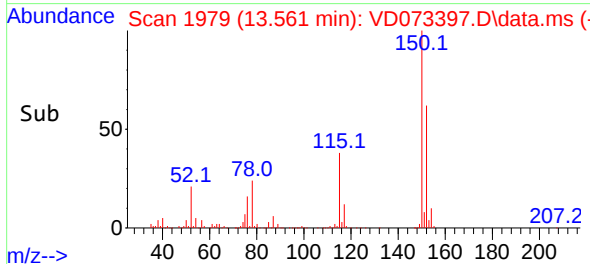
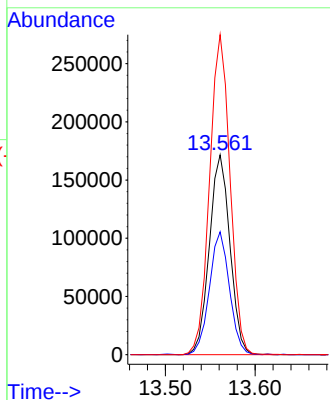
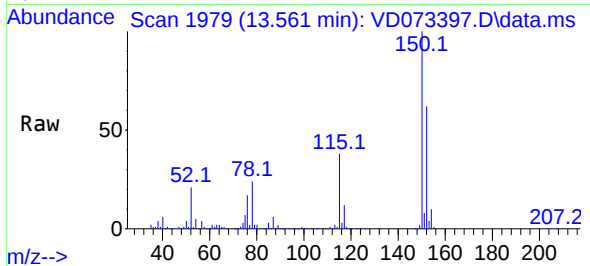




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073397.D
Acq: 26 May 2022 19:27

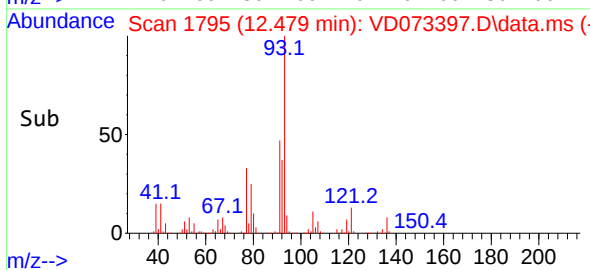
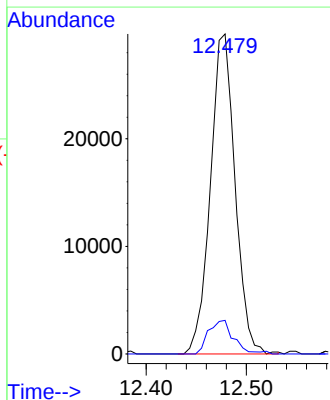
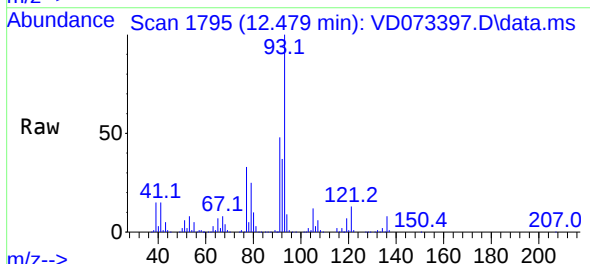
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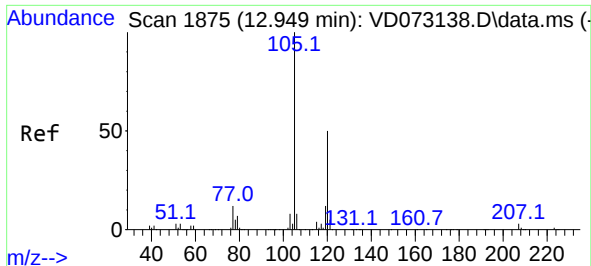
Tgt Ion:152 Resp: 273562
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 158.7 0.0 348.6



#73
Isopropylbenzene
Concen: 2.611 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VD073397.D
Acq: 26 May 2022 19:27

Tgt Ion:105 Resp: 50923
Ion Ratio Lower Upper
105 100
120 10.8 13.0 38.9#

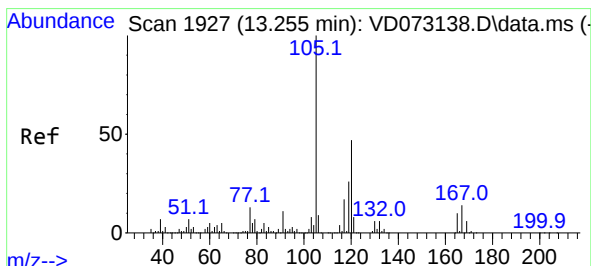
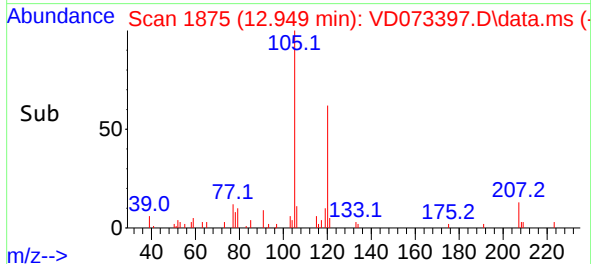
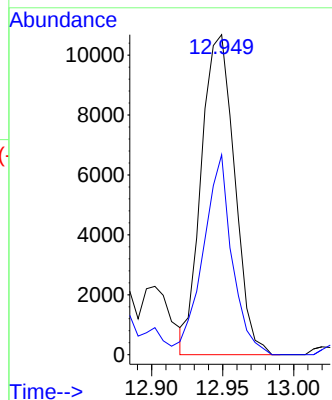
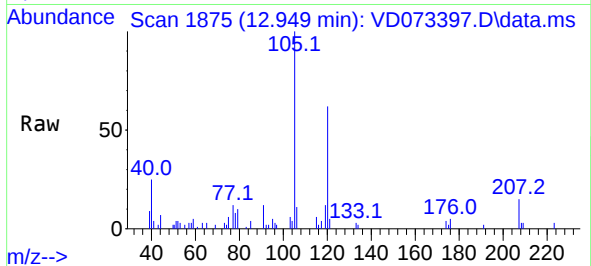




#80
1,3,5-Trimethylbenzene
Concen: 1.051 ug/l
RT: 12.949 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073397.D
Acq: 26 May 2022 19:27

Instrument :
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ClientSampleId :
PSC-124035

Tgt Ion:105 Resp: 17370
Ion Ratio Lower Upper
105 100
120 54.5 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 1.439 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VD073397.D
Acq: 26 May 2022 19:27

Tgt Ion:105 Resp: 23483
Ion Ratio Lower Upper
105 100
120 46.8 22.3 66.8

