

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
 Data File : VD071533.D
 Acq On : 29 Dec 2021 17:18
 Operator : VA/SY
 Sample : M5230-03
 Misc : 6.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC124055

Quant Time: Dec 29 17:57:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

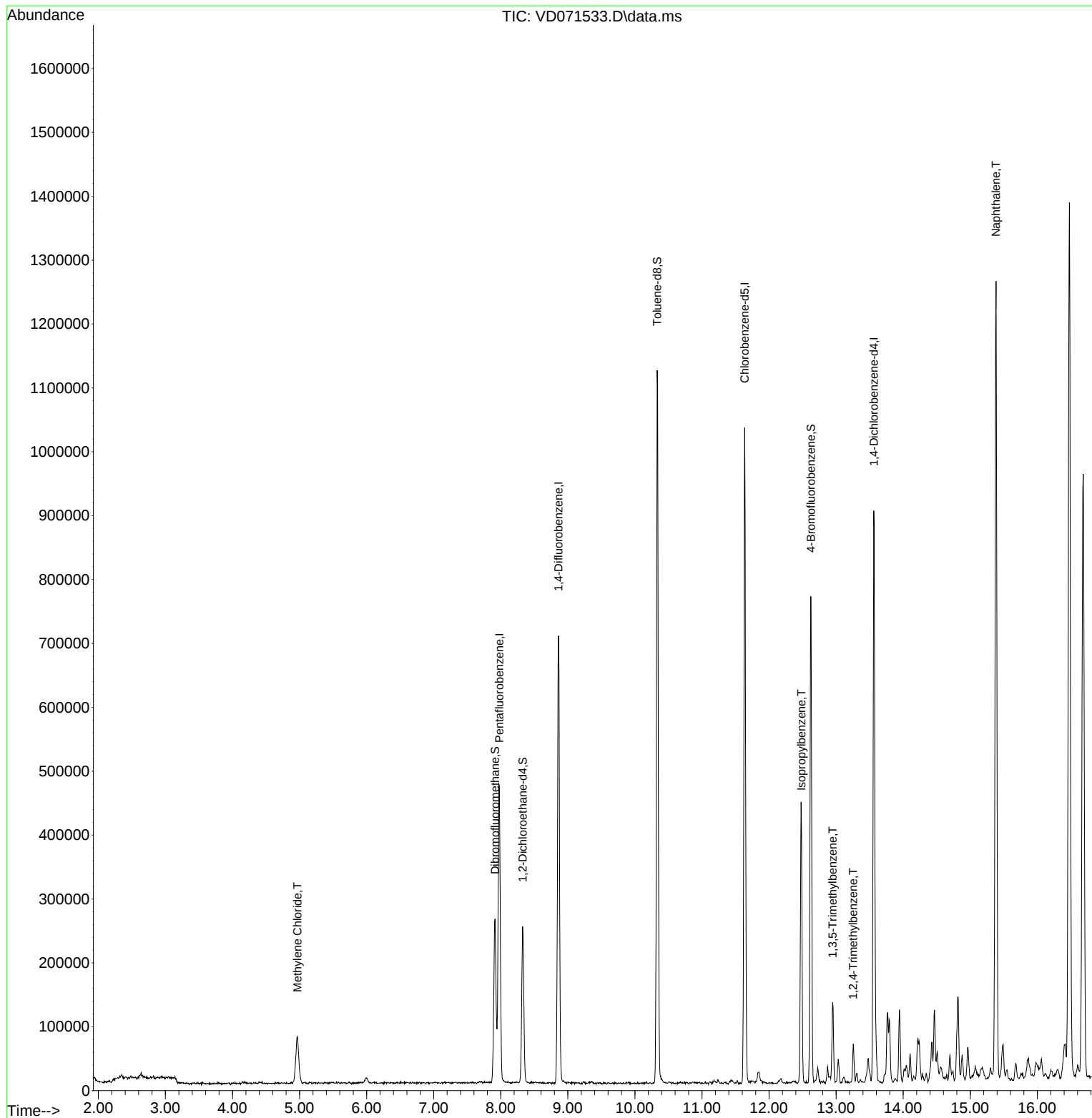
Internal Standards						
1) Pentafluorobenzene	7.979	168	322375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	566885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	528951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	218494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	191374	44.699	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.400%
35) Dibromofluoromethane	7.914	113	177123	46.490	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.980%
50) Toluene-d8	10.332	98	713134	49.531	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.626	95	240380	46.984	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.960%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.967	84	49681	6.338	ug/l #	75
73) Isopropylbenzene	12.485	105	18456	1.096	ug/l #	67
80) 1,3,5-Trimethylbenzene	12.949	105	64014	4.607	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	30222	2.198	ug/l	99
95) Naphthalene	15.384	128	1034962	139.271	ug/l	100

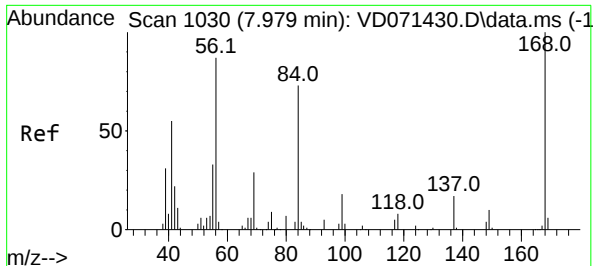
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
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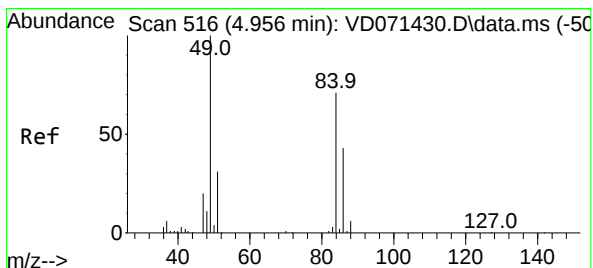
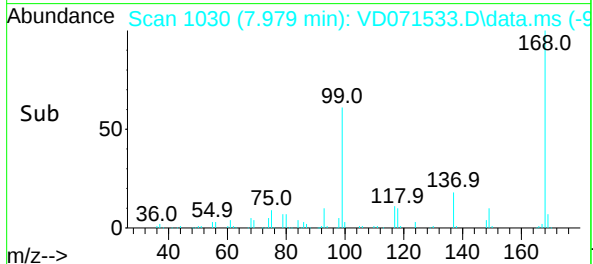
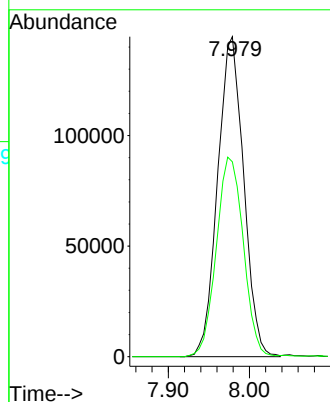
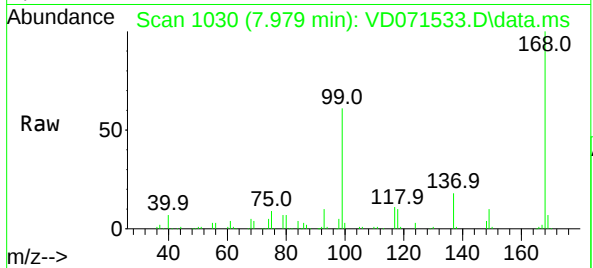




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071533.D
Acq: 29 Dec 2021 17:18

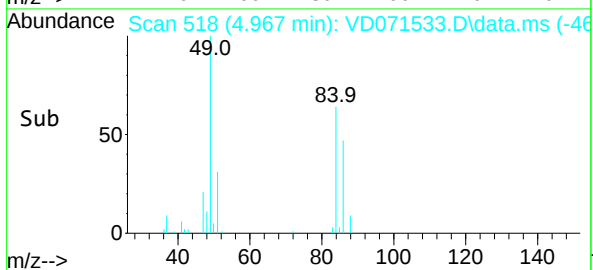
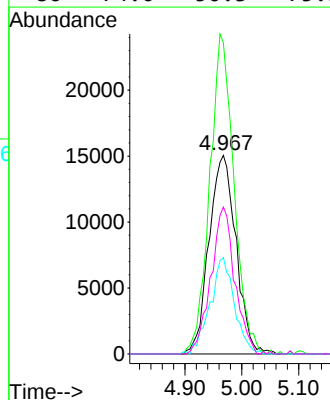
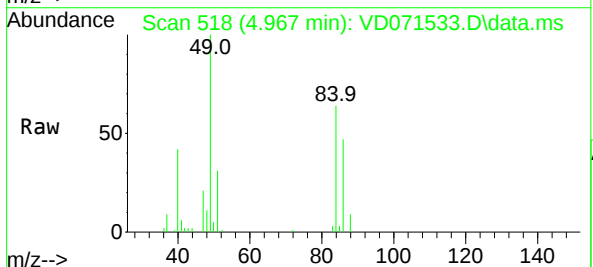
Instrument :
MSVOA_D
ClientSampleId :
PSC124055

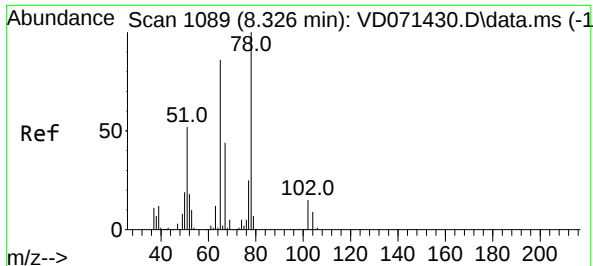
Tgt Ion:168 Resp: 322375
Ion Ratio Lower Upper
168 100
99 60.9 46.6 69.8



#20
Methylene Chloride
Concen: 6.338 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD071533.D
Acq: 29 Dec 2021 17:18

Tgt Ion: 84 Resp: 49681
Ion Ratio Lower Upper
84 100
49 156.7 95.8 143.6#
51 48.5 30.9 46.3#
86 74.0 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 44.699 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071533.D

Acq: 29 Dec 2021 17:18

Instrument :

MSVOA_D

ClientSampleId :

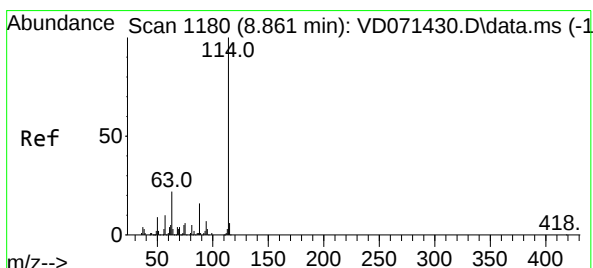
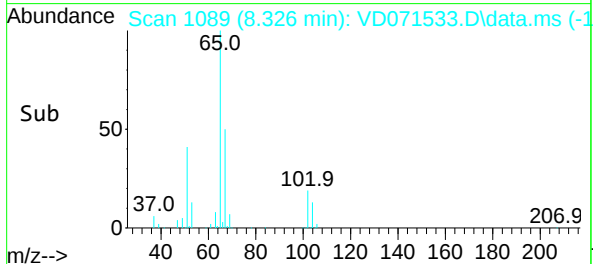
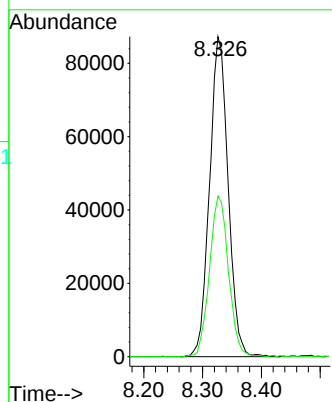
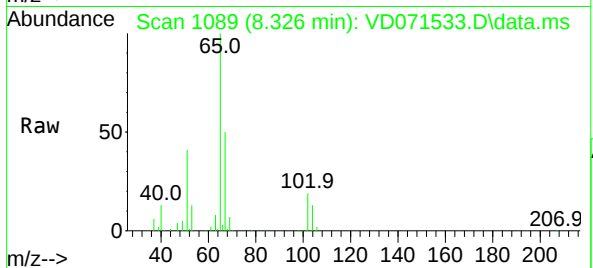
PSC124055

Tgt Ion: 65 Resp: 191374

Ion Ratio Lower Upper

65 100

67 51.4 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071533.D

Acq: 29 Dec 2021 17:18

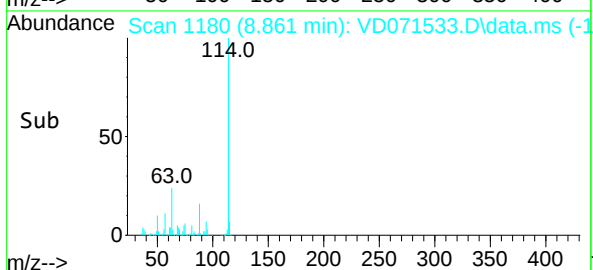
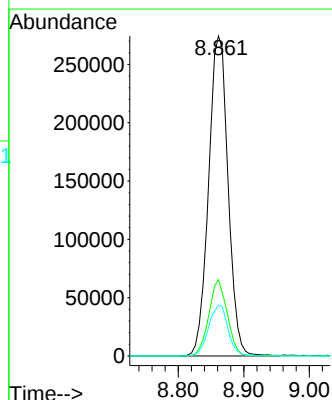
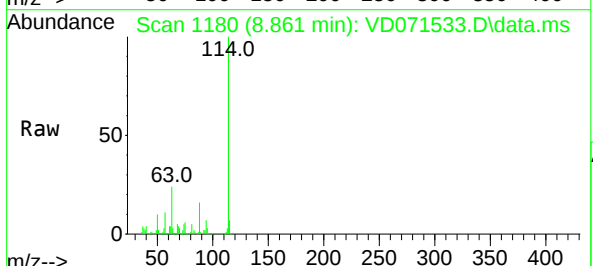
Tgt Ion: 114 Resp: 566885

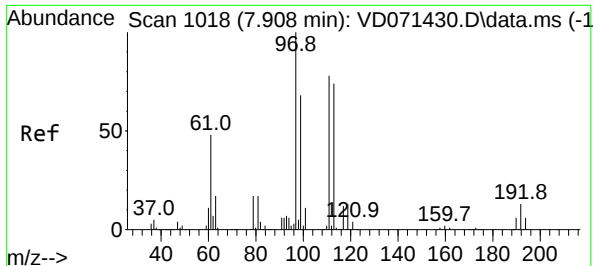
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.8

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.490 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD071533.D

Acq: 29 Dec 2021 17:18

Instrument :

MSVOA_D

ClientSampleId :

PSC124055

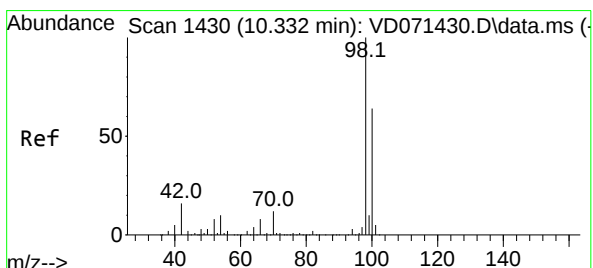
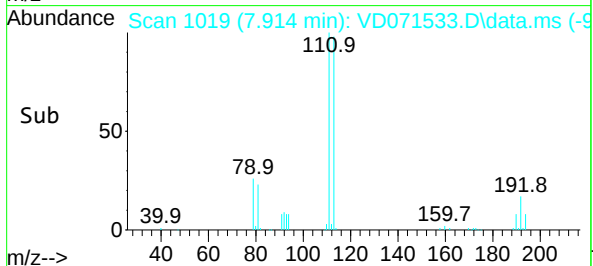
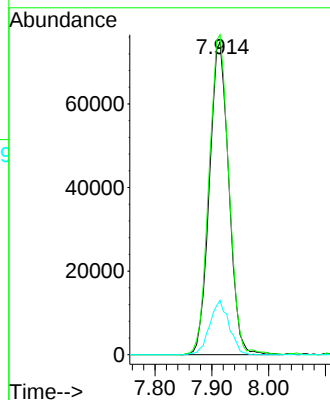
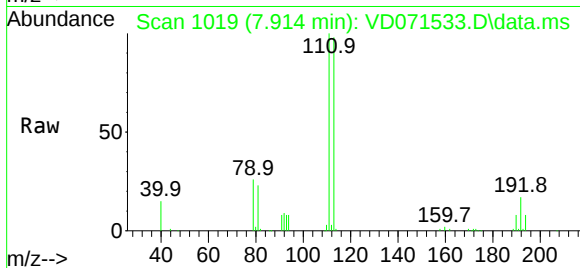
Tgt Ion:113 Resp: 177123

Ion Ratio Lower Upper

113 100

111 104.6 82.0 123.0

192 17.4 15.2 22.8



#50

Toluene-d8

Concen: 49.531 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD071533.D

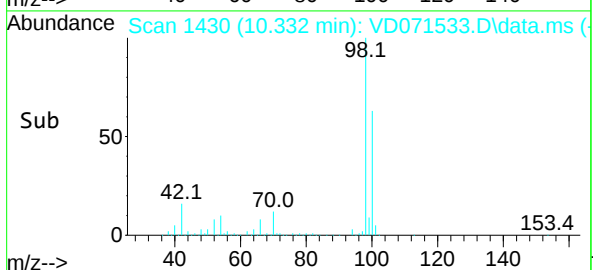
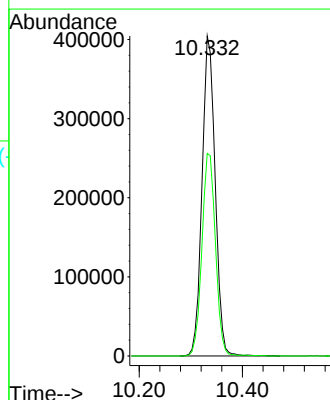
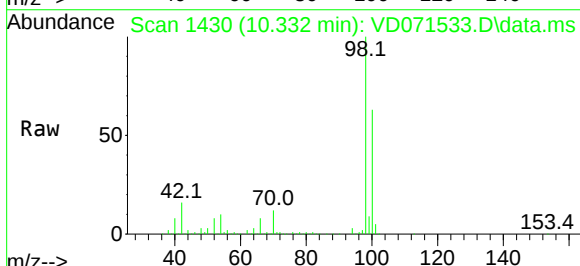
Acq: 29 Dec 2021 17:18

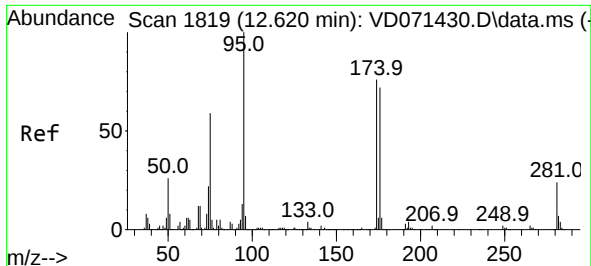
Tgt Ion: 98 Resp: 713134

Ion Ratio Lower Upper

98 100

100 65.2 51.8 77.6

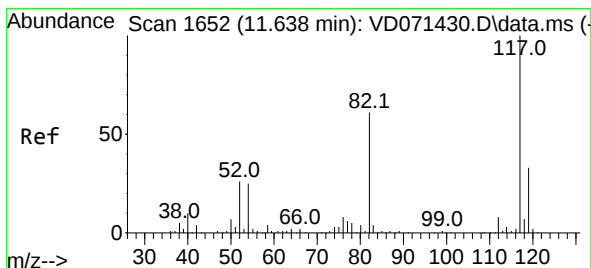
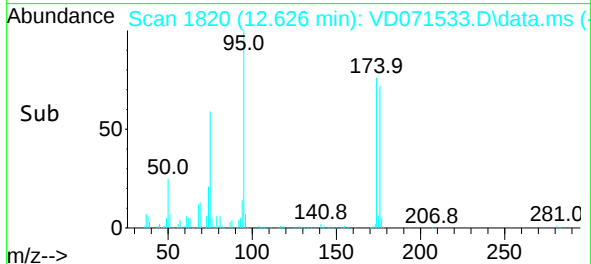
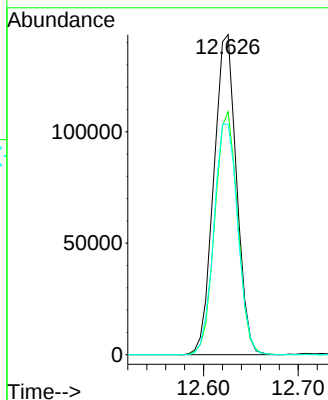
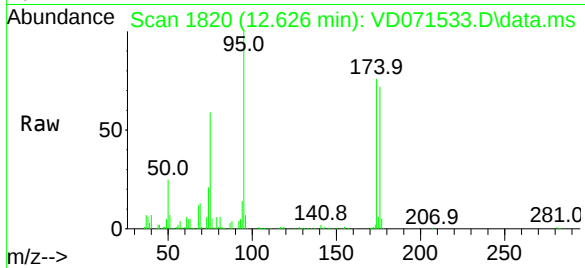




#62
4-Bromofluorobenzene
Concen: 46.984 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071533.D
Acq: 29 Dec 2021 17:18

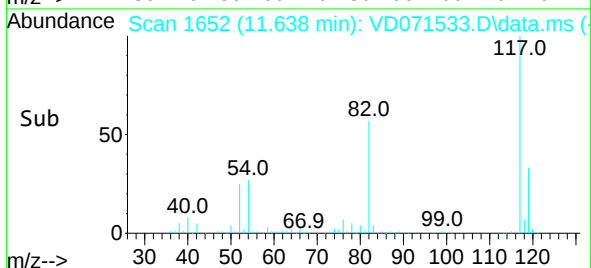
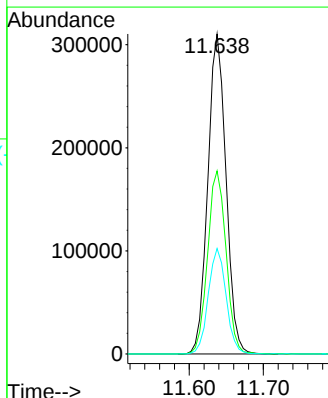
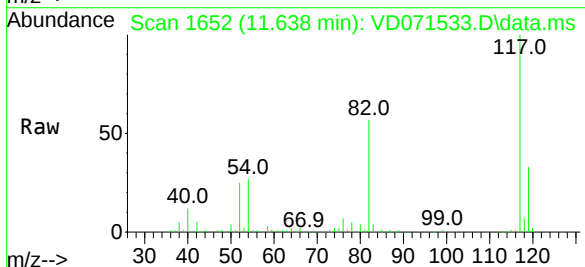
Instrument :
MSVOA_D
ClientSampleId :
PSC124055

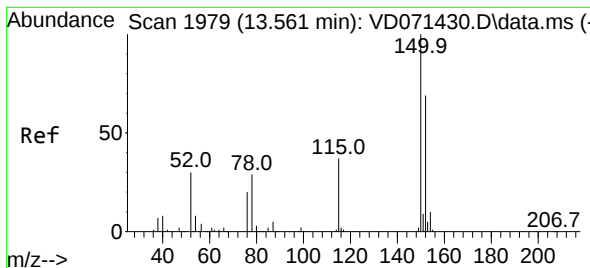
Tgt Ion: 95 Resp: 240380
Ion Ratio Lower Upper
95 100
174 75.9 0.0 159.4
176 75.7 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071533.D
Acq: 29 Dec 2021 17:18

Tgt Ion: 117 Resp: 528951
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 33.0 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1799

Delta R.T. 0.000 min

Lab File: VD071533.D

Acq: 29 Dec 2021 17:18

Instrument :

MSVOA_D

ClientSampleId :

PSC124055

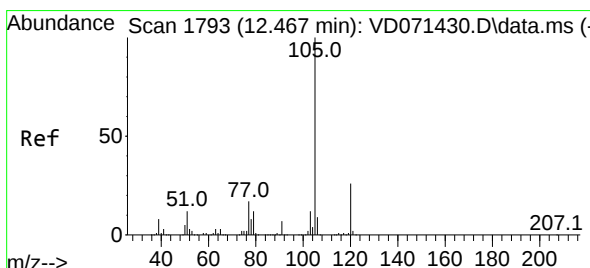
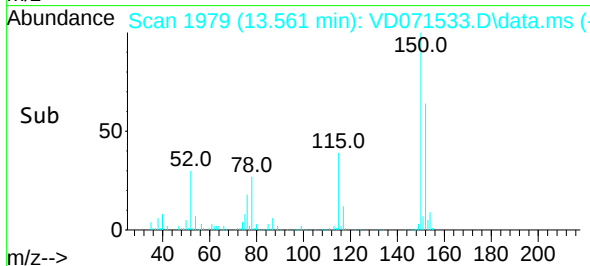
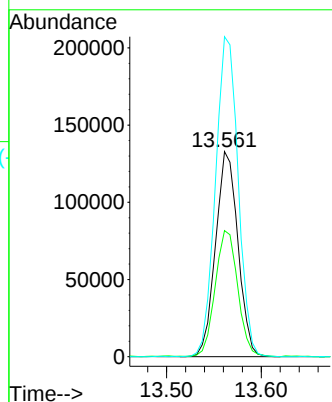
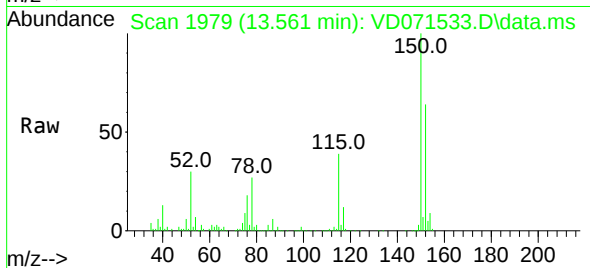
Tgt Ion:152 Resp: 218494

Ion Ratio Lower Upper

152 100

115 62.1 29.8 89.3

150 158.0 0.0 349.2



#73

Isopropylbenzene

Concen: 1.096 ug/l

RT: 12.485 min Scan# 1796

Delta R.T. 0.018 min

Lab File: VD071533.D

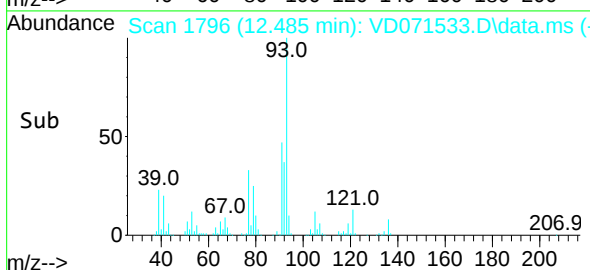
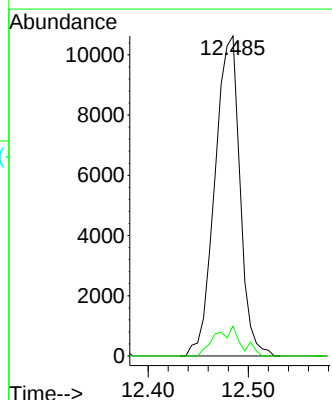
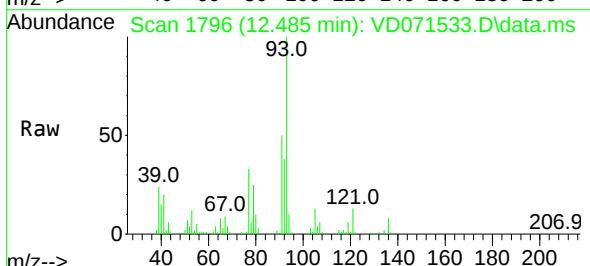
Acq: 29 Dec 2021 17:18

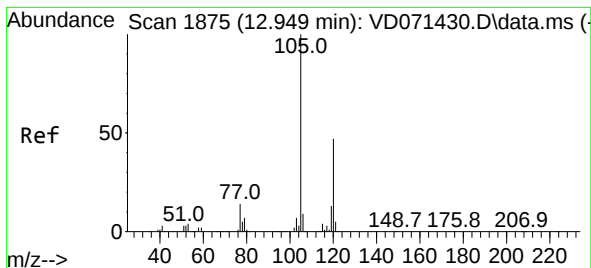
Tgt Ion:105 Resp: 18456

Ion Ratio Lower Upper

105 100

120 9.6 13.2 39.5#





#80

1,3,5-Trimethylbenzene

Concen: 4.607 ug/l

RT: 12.949 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071533.D

Acq: 29 Dec 2021 17:18

Instrument :

MSVOA_D

ClientSampleId :

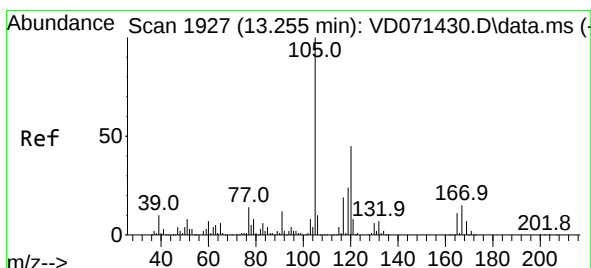
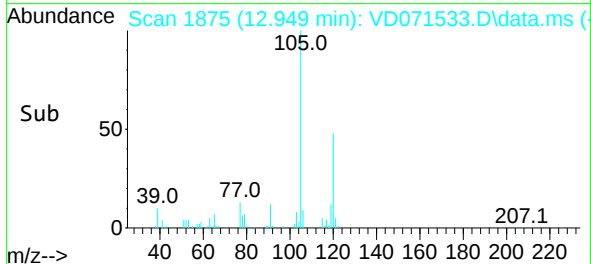
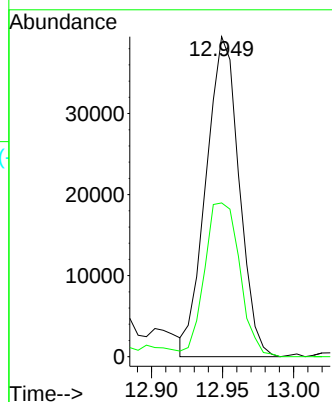
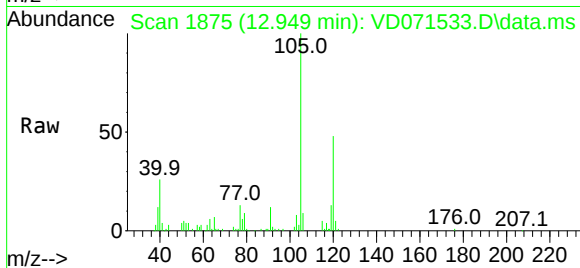
PSC124055

Tgt Ion:105 Resp: 64014

Ion Ratio Lower Upper

105 100

120 51.1 24.6 73.8



#84

1,2,4-Trimethylbenzene

Concen: 2.198 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.006 min

Lab File: VD071533.D

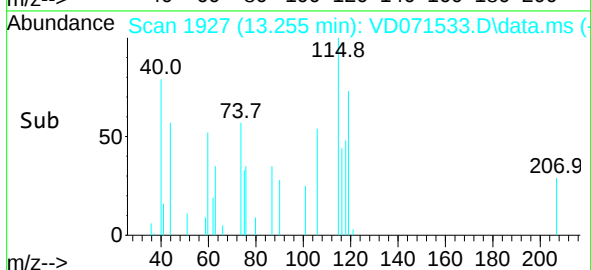
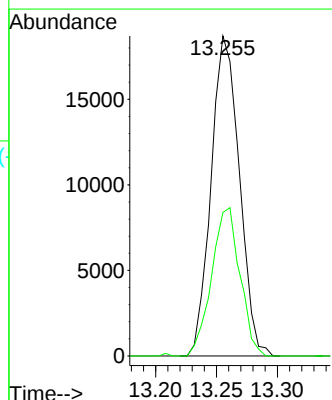
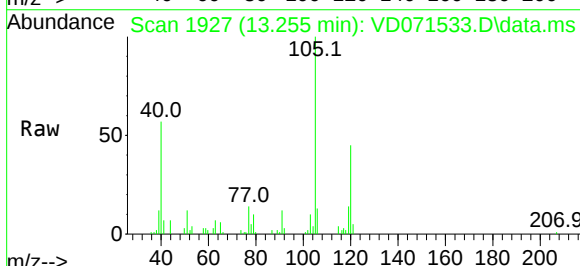
Acq: 29 Dec 2021 17:18

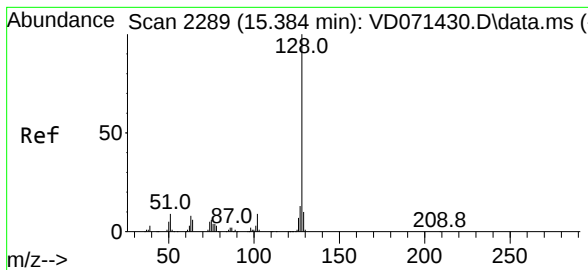
Tgt Ion:105 Resp: 30222

Ion Ratio Lower Upper

105 100

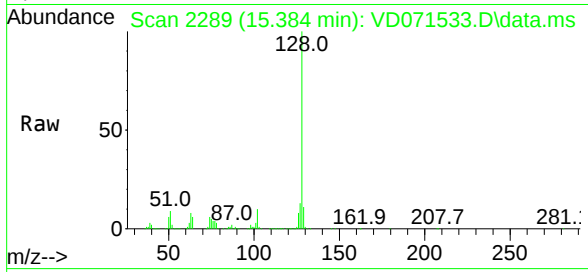
120 46.4 22.9 68.7





#95
Naphthalene
Concen: 139.271 ug/l
RT: 15.384 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD071533.D
Acq: 29 Dec 2021 17:18

Instrument :
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Tgt Ion:128 Resp: 1034962
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.1 8.7 13.1

