

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011648.D
 Acq On : 30 Nov 2022 17:59
 Operator : KP/MD
 Sample : N5807-02
 Misc : 3.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-2-GRAB

Quant Time: Dec 01 05:26:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

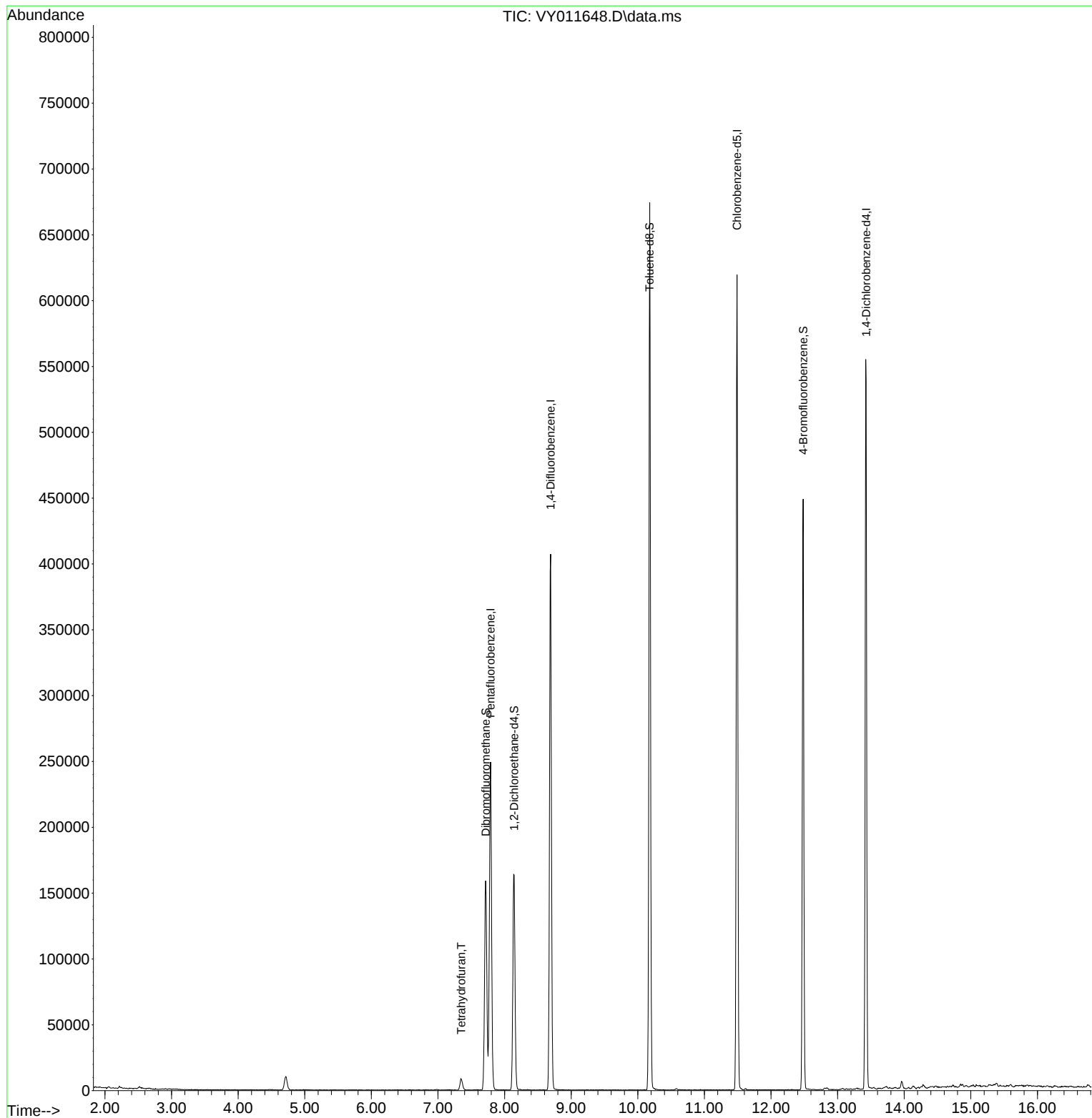
Internal Standards						
1) Pentafluorobenzene	7.789	168	187076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	342846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	324069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	130174	68.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.060%	
35) Dibromofluoromethane	7.716	113	110099	52.166	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.340%	
50) Toluene-d8	10.179	98	416611	54.321	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.640%	
62) 4-Bromofluorobenzene	12.483	95	133926	47.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.460%	
Target Compounds						
29) Tetrahydrofuran	7.350	42	6932	15.137	ug/l	Qvalue 97

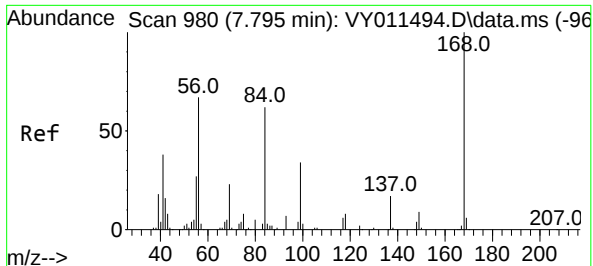
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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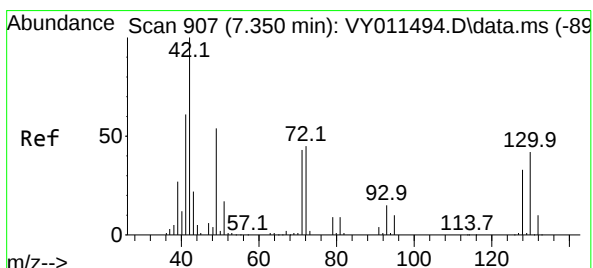
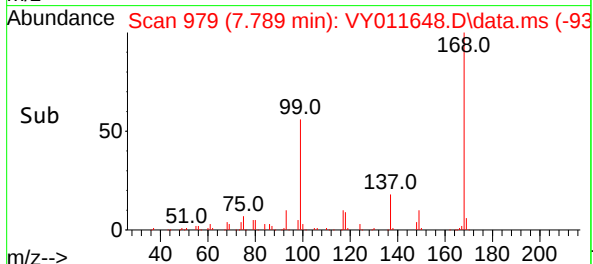
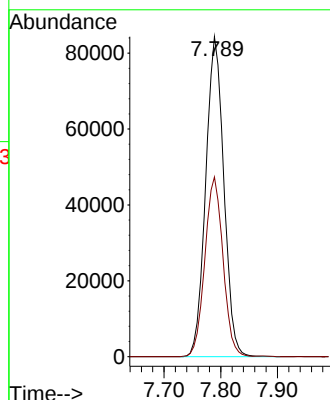
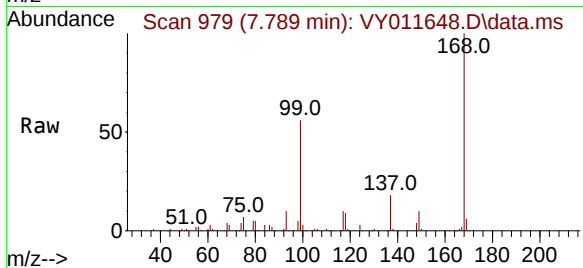




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011648.D
Acq: 30 Nov 2022 17:59

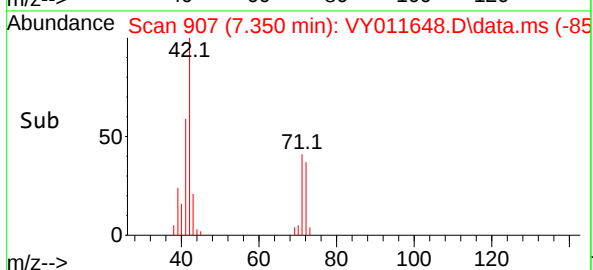
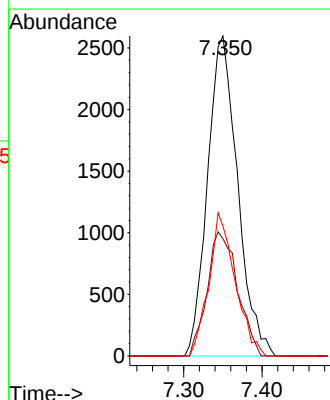
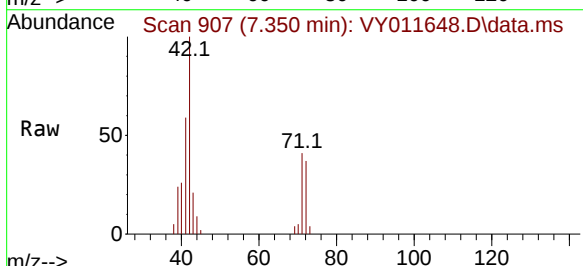
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2-GRAB

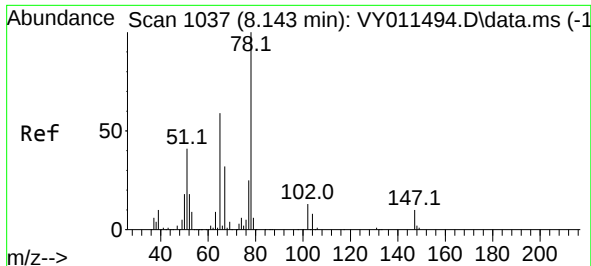
Tgt Ion:168 Resp: 187076
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#29
Tetrahydrofuran
Concen: 15.137 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY011648.D
Acq: 30 Nov 2022 17:59

Tgt Ion: 42 Resp: 6932
Ion Ratio Lower Upper
42 100
72 39.1 30.3 45.5
71 39.2 29.0 43.4





#33

1,2-Dichloroethane-d4

Concen: 68.528 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011648.D

Acq: 30 Nov 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

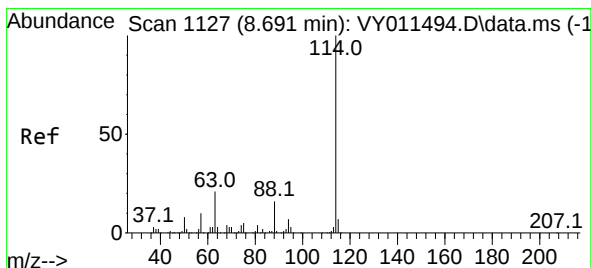
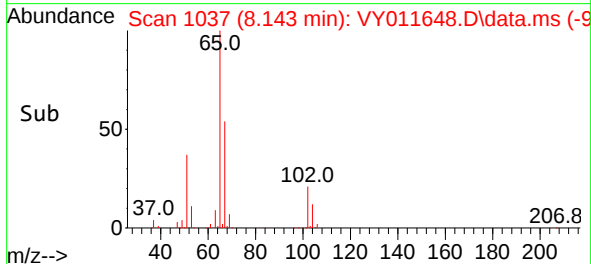
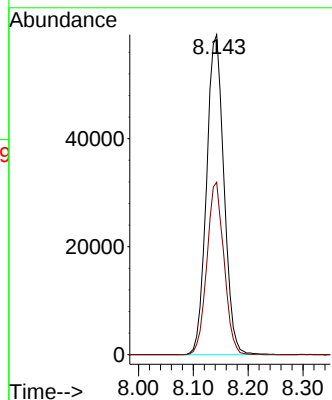
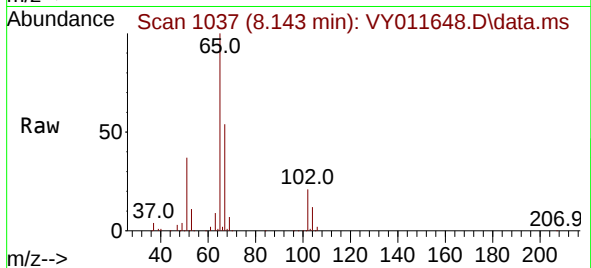
TOTAL-VOC-2-GRAB

Tgt Ion: 65 Resp: 130174

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011648.D

Acq: 30 Nov 2022 17:59

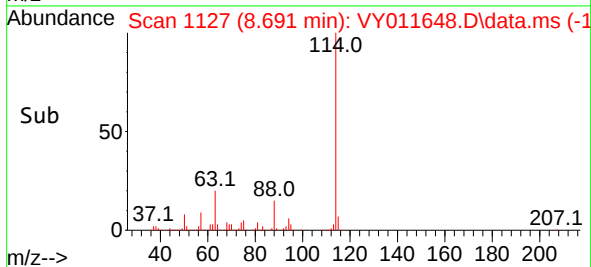
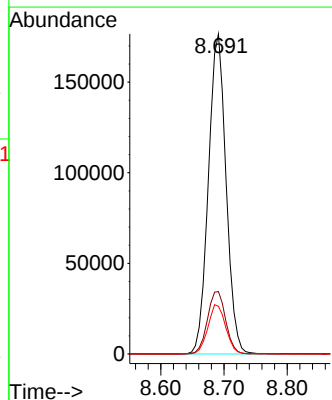
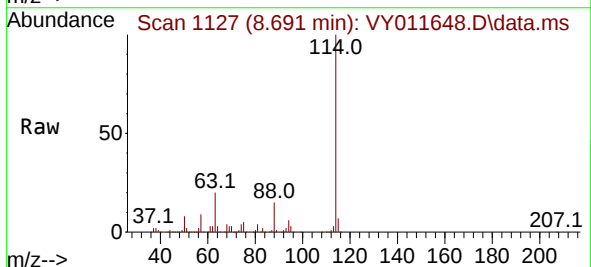
Tgt Ion: 114 Resp: 342846

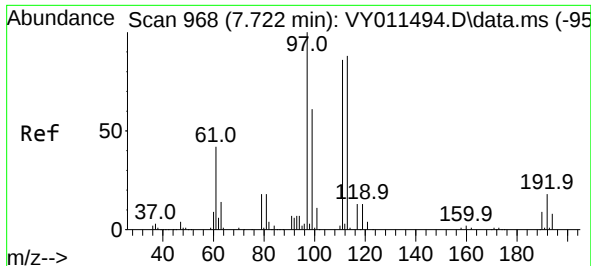
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.9 0.0 31.8

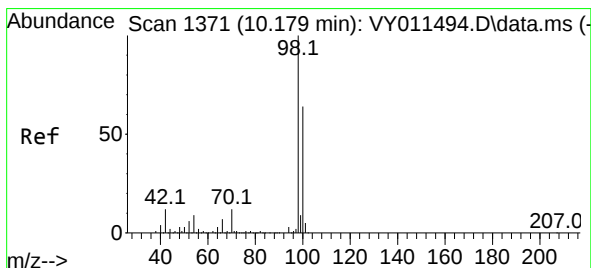
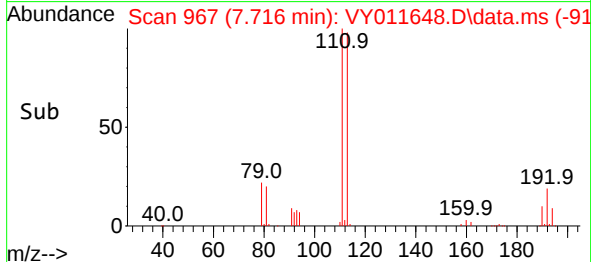
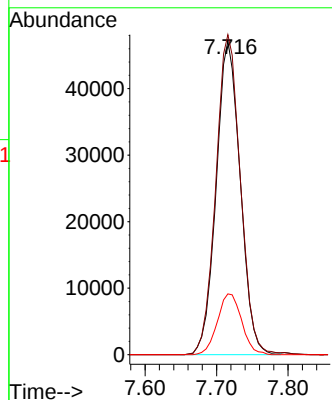
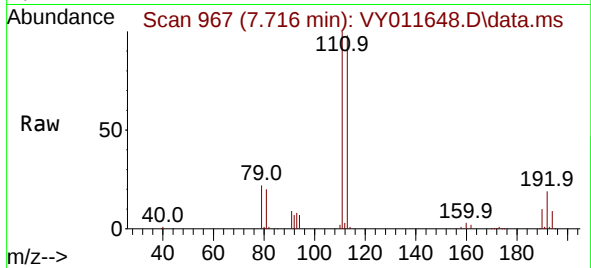




#35
Dibromofluoromethane
Concen: 52.166 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY011648.D
Acq: 30 Nov 2022 17:59

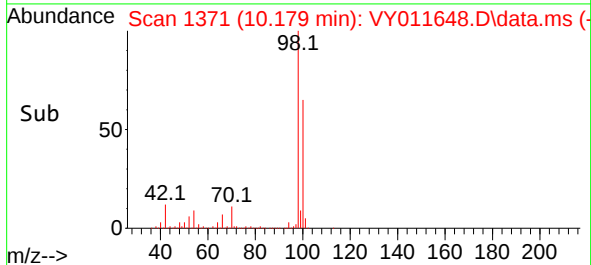
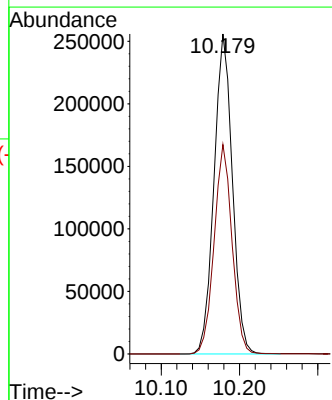
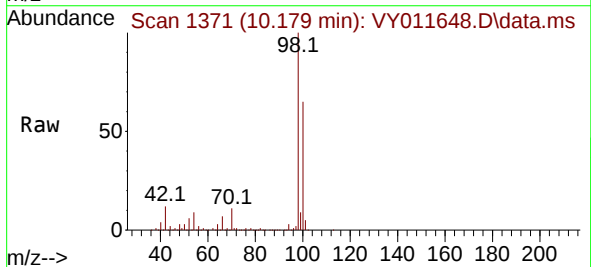
Instrument :
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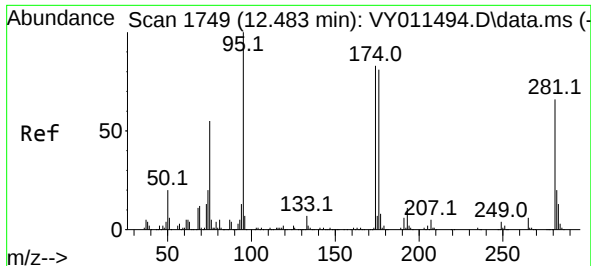
Tgt Ion:113 Resp: 110099
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 19.6 17.6 26.4



#50
Toluene-d8
Concen: 54.321 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011648.D
Acq: 30 Nov 2022 17:59

Tgt Ion: 98 Resp: 416611
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

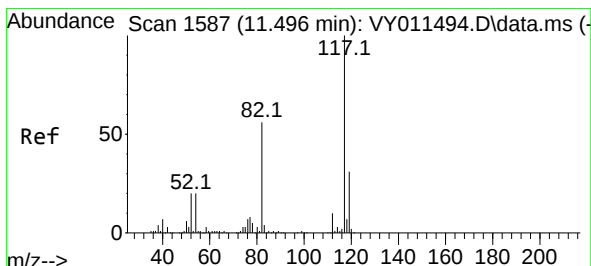
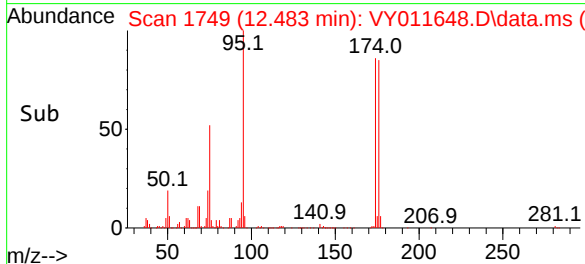
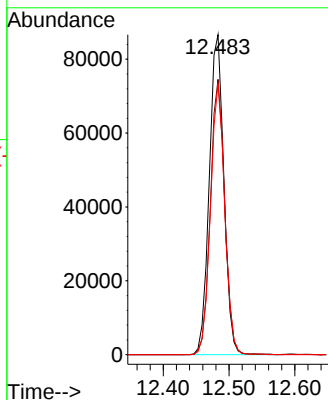
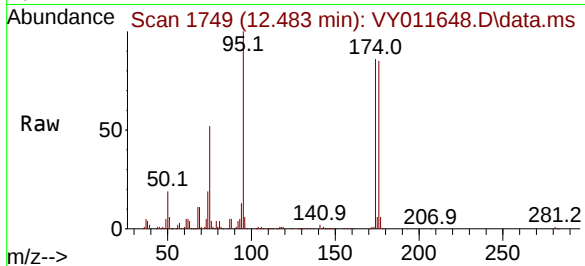




#62
4-Bromofluorobenzene
Concen: 47.230 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011648.D
Acq: 30 Nov 2022 17:59

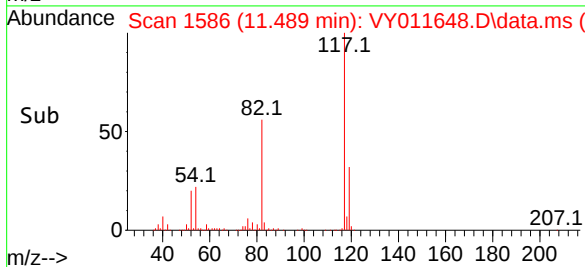
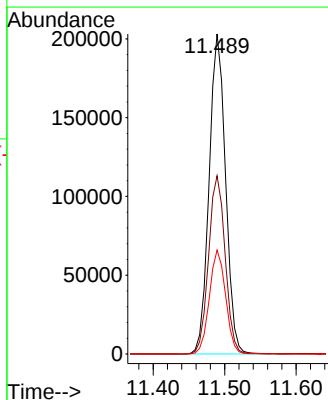
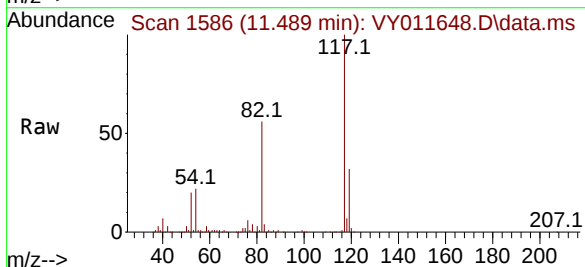
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ClientSampleId :
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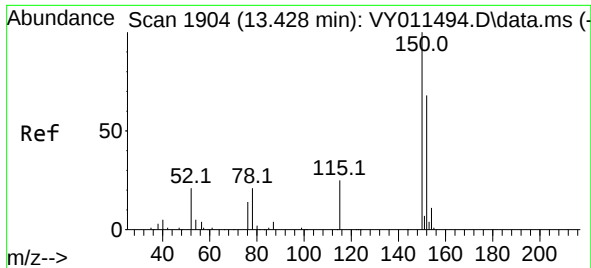
Tgt Ion: 95 Resp: 133926
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 82.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011648.D
Acq: 30 Nov 2022 17:59

Tgt Ion: 117 Resp: 324069
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011648.D

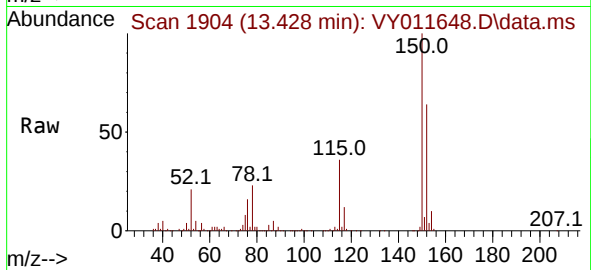
Acq: 30 Nov 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-2-GRAB



Tgt Ion:152 Resp: 141673

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 156.9 0.0 347.6

