

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011645.D
 Acq On : 30 Nov 2022 16:49
 Operator : KP/MD
 Sample : N5806-06
 Misc : 3.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Dec 01 05:25:15 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)

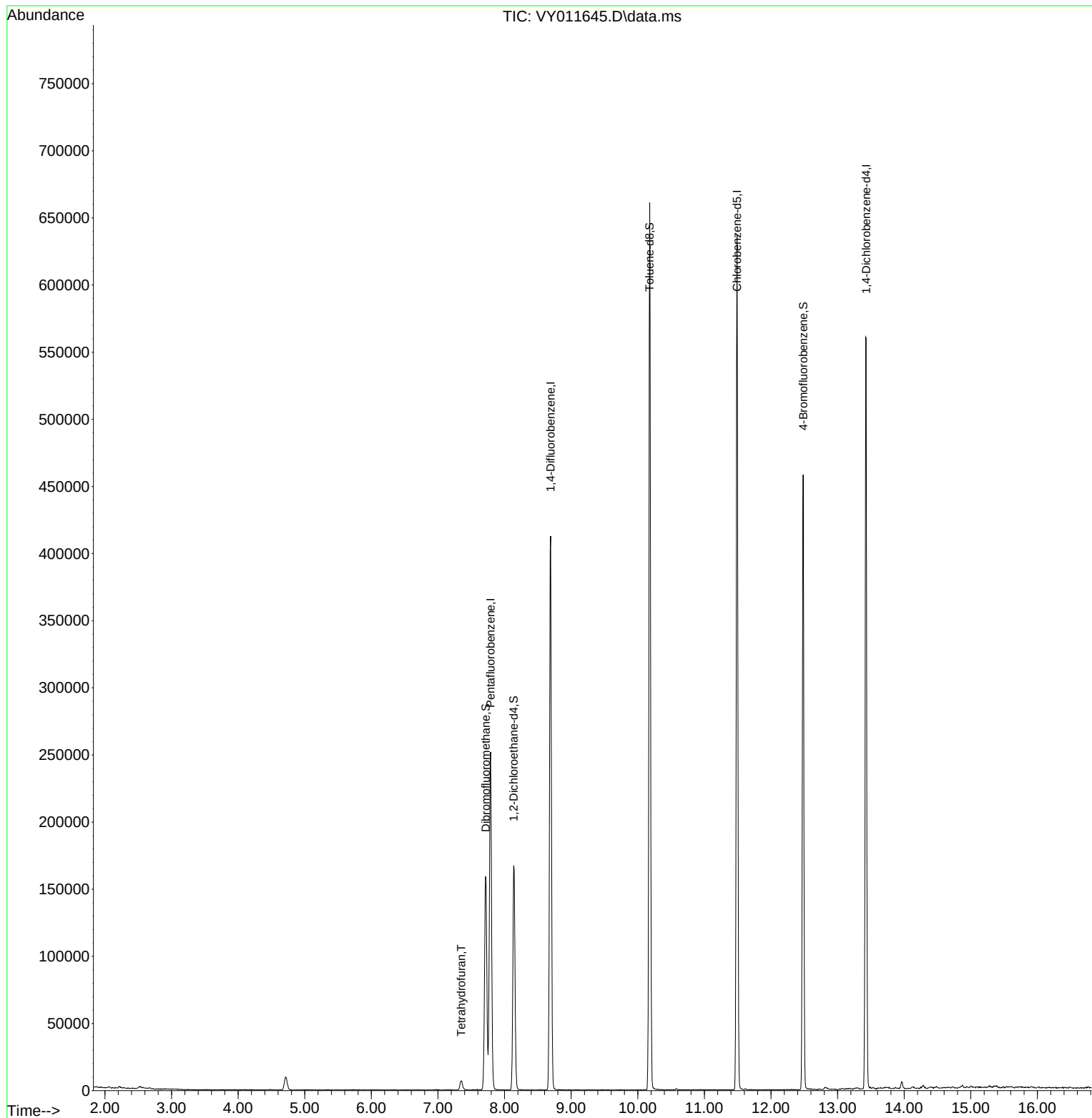
Internal Standards						
1) Pentafluorobenzene	7.789	168	190621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	346504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	330609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	131216	67.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.580%	
35) Dibromofluoromethane	7.716	113	115164	53.990	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.980%	
50) Toluene-d8	10.179	98	424226	54.730	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.460%	
62) 4-Bromofluorobenzene	12.483	95	137840	48.097	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.200%	
Target Compounds						
29) Tetrahydrofuran	7.350	42	5654	12.117	ug/l	Qvalue # 88

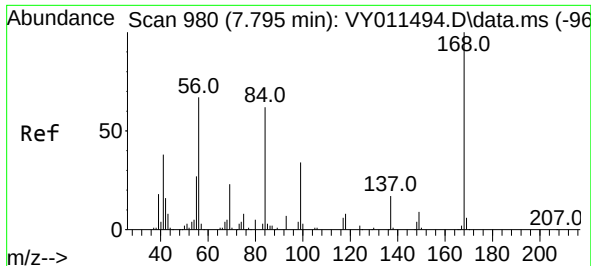
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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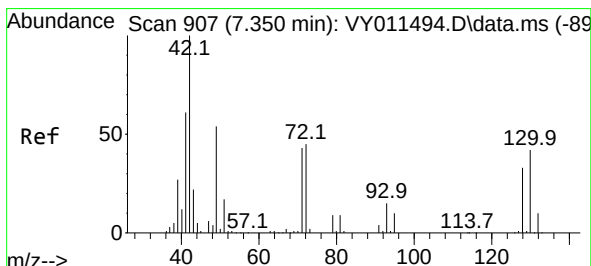
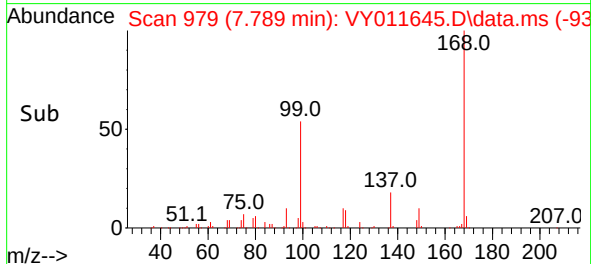
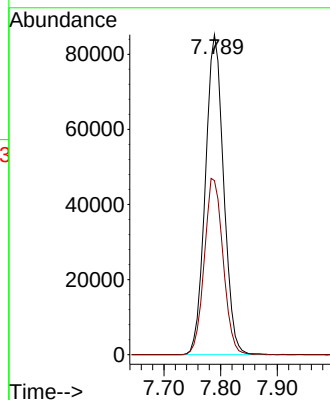
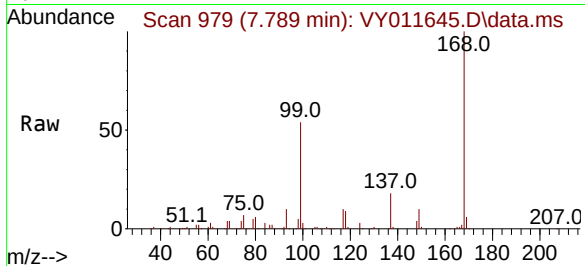




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011645.D
Acq: 30 Nov 2022 16:49

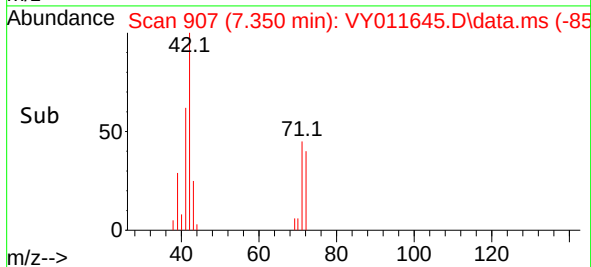
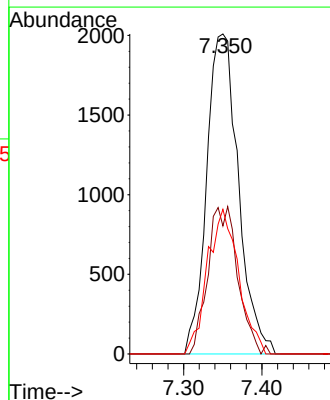
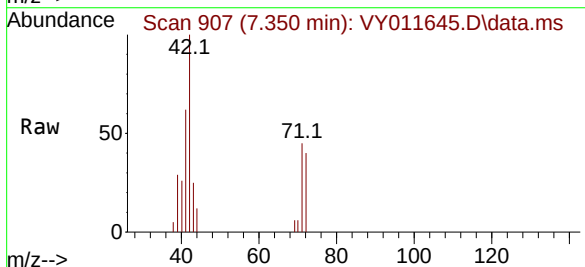
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2-GRAB

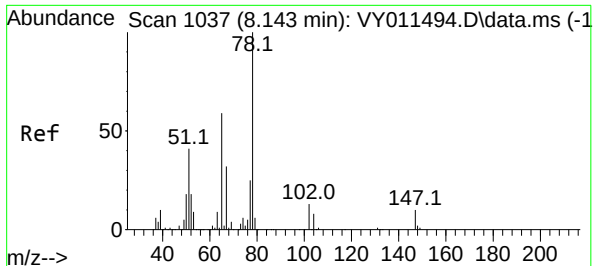
Tgt Ion:168 Resp: 190621
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#29
Tetrahydrofuran
Concen: 12.117 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY011645.D
Acq: 30 Nov 2022 16:49

Tgt Ion: 42 Resp: 5654
Ion Ratio Lower Upper
42 100
72 43.7 30.3 45.5
71 44.5 29.0 43.4#





#33

1,2-Dichloroethane-d4

Concen: 67.792 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011645.D

Acq: 30 Nov 2022 16:49

Instrument :

MSVOA_Y

ClientSampleId :

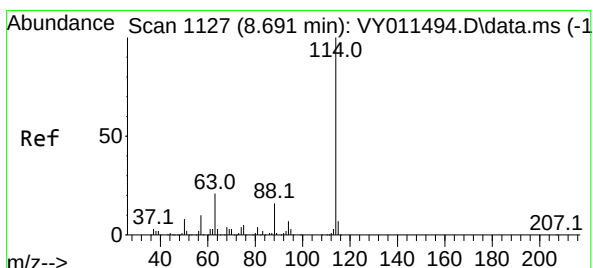
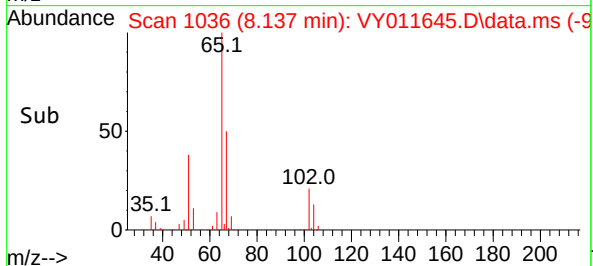
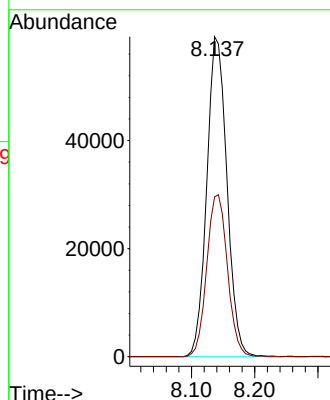
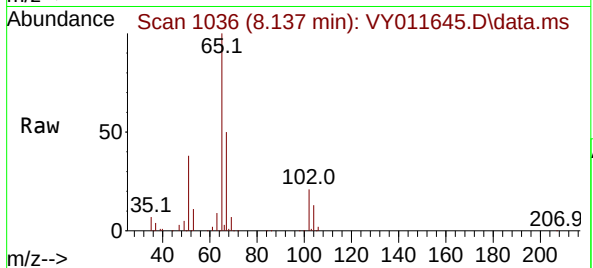
TOTAL-VOC-2-GRAB

Tgt Ion: 65 Resp: 131216

Ion Ratio Lower Upper

65 100

67 52.0 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: VY011645.D

Acq: 30 Nov 2022 16:49

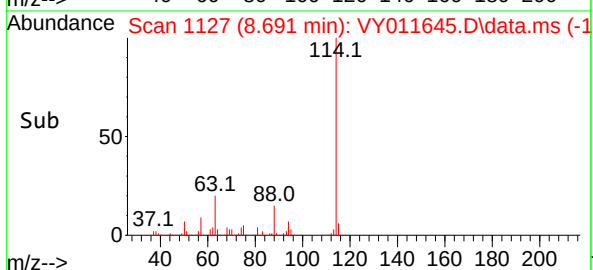
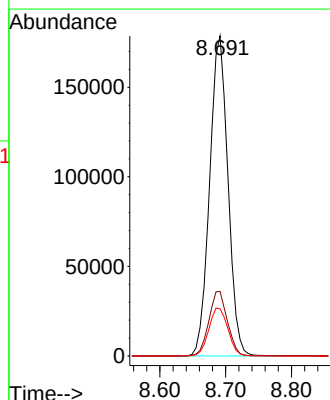
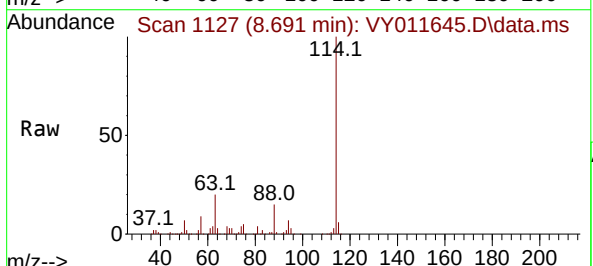
Tgt Ion: 114 Resp: 346504

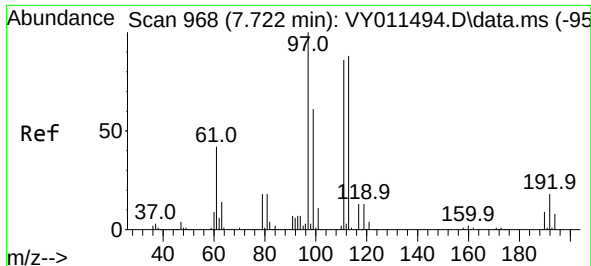
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 14.7 0.0 31.8

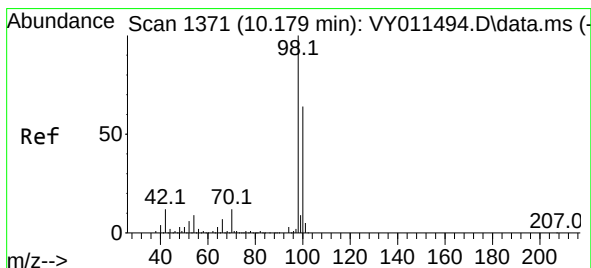
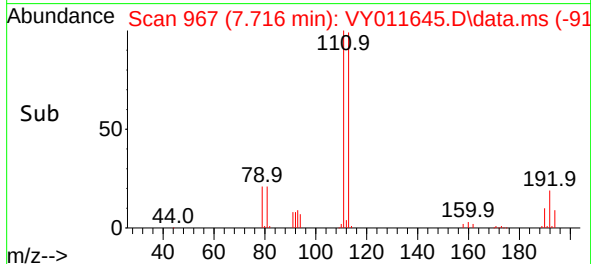
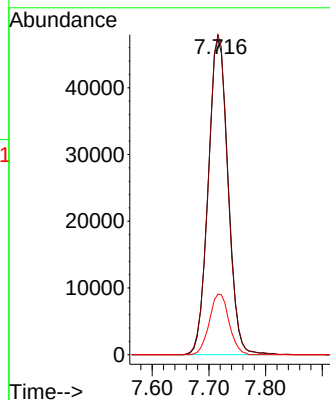
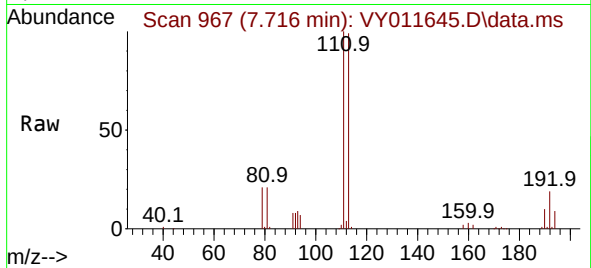




#35
Dibromofluoromethane
Concen: 53.990 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY011645.D
Acq: 30 Nov 2022 16:49

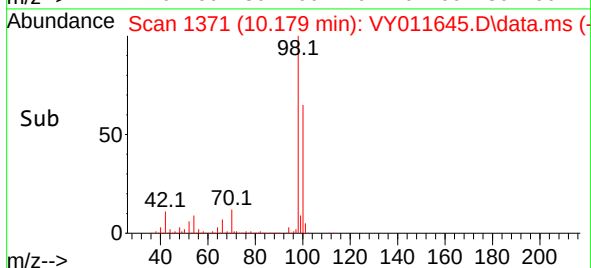
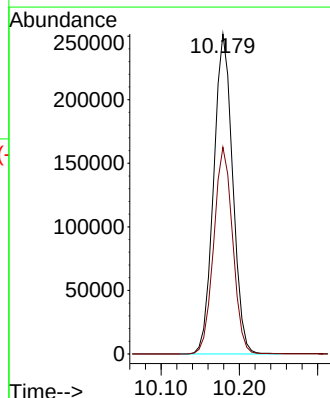
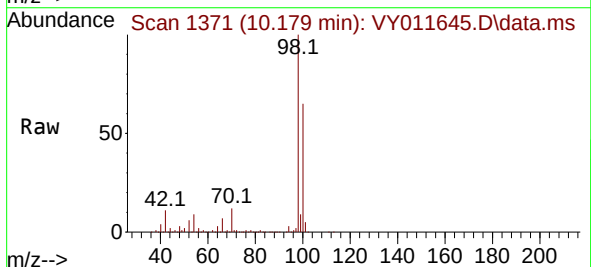
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2-GRAB

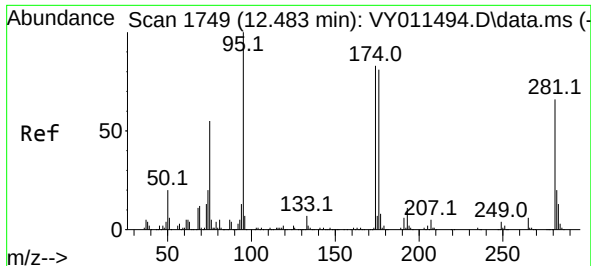
Tgt Ion:113 Resp: 115164
Ion Ratio Lower Upper
113 100
111 100.2 82.6 124.0
192 19.0 17.6 26.4



#50
Toluene-d8
Concen: 54.730 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011645.D
Acq: 30 Nov 2022 16:49

Tgt Ion: 98 Resp: 424226
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

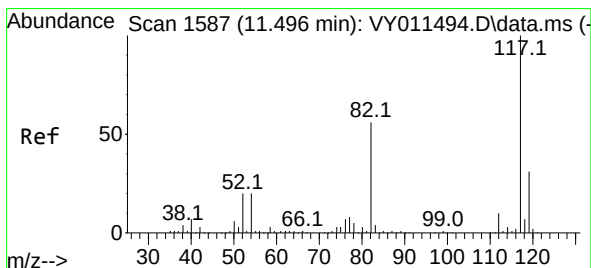
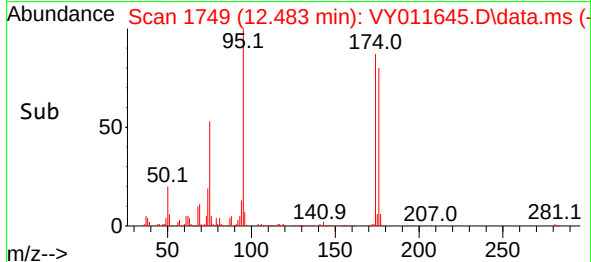
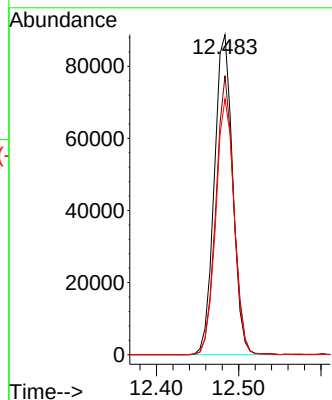
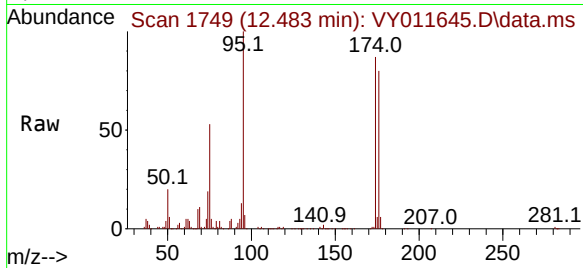




#62
4-Bromofluorobenzene
Concen: 48.097 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011645.D
Acq: 30 Nov 2022 16:49

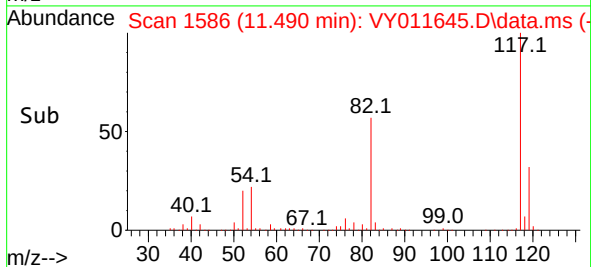
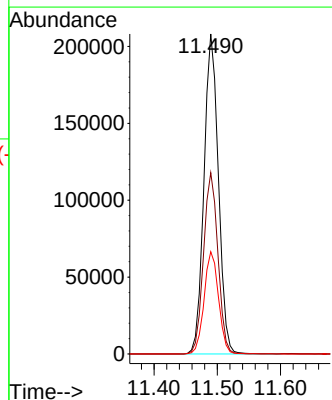
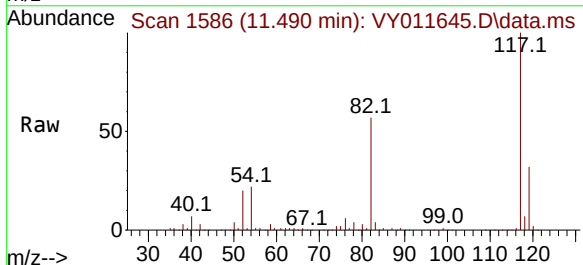
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2-GRAB

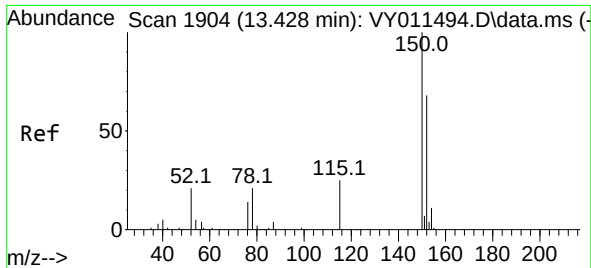
Tgt Ion: 95 Resp: 137840
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 80.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY011645.D
Acq: 30 Nov 2022 16:49

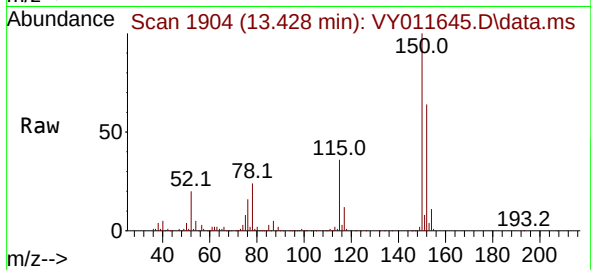
Tgt Ion: 117 Resp: 330609
Ion Ratio Lower Upper
117 100
82 56.7 43.0 64.4
119 31.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011645.D
 Acq: 30 Nov 2022 16:49

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



Tgt Ion:152 Resp: 143790

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.7
150	156.3	0.0	347.6

