

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016184.D
 Acq On : 02 Nov 2023 12:51
 Operator : SY/MD
 Sample : 05197-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SCFRE

Quant Time: Nov 03 02:43:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

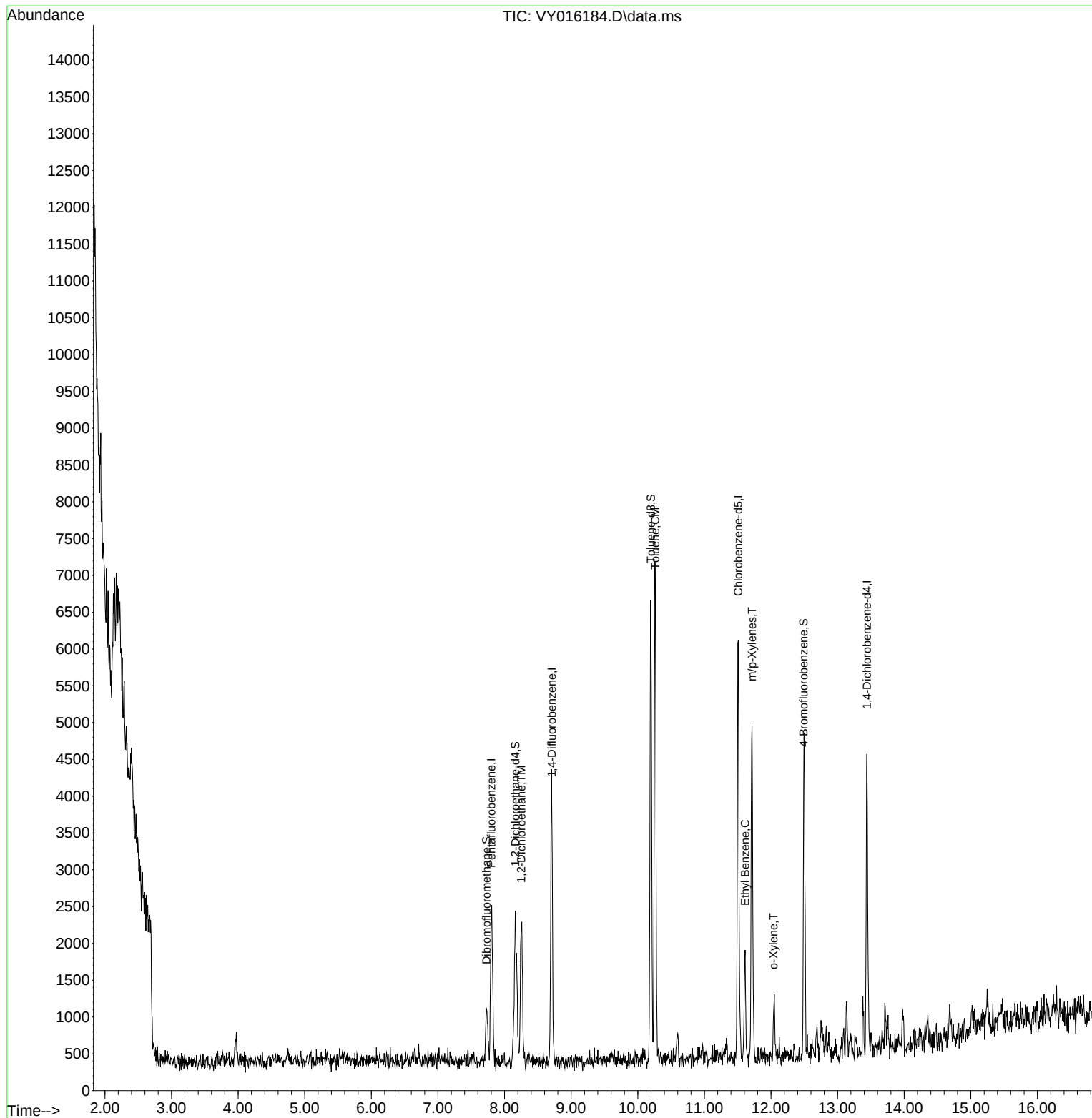
Internal Standards						
1) Pentafluorobenzene	7.801	168	2081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	3855	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	3610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	1227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	1262	64.809	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.620%	
35) Dibromofluoromethane	7.728	113	727	31.633	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 63.260%	
50) Toluene-d8	10.197	98	4808	52.765	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.540%	
62) 4-Bromofluorobenzene	12.489	95	1529	49.072	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.140%	
Target Compounds						Qvalue
42) 1,2-Dichloroethane	8.252	62	2061	77.517	ug/l	97
52) Toluene	10.264	92	3034	49.144	ug/l	100
67) Ethyl Benzene	11.612	91	1340	10.446	ug/l	95
68) m/p-Xylenes	11.715	106	1564	31.551	ug/l	97
69) o-Xylene	12.038	106	306	6.465	ug/l	66

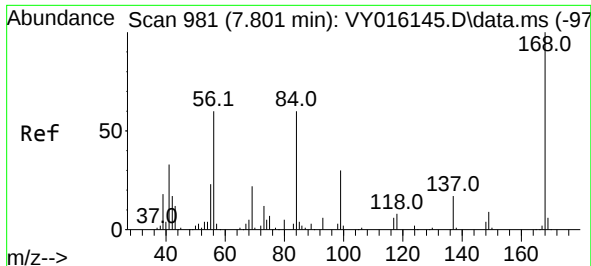
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 03 02:43:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

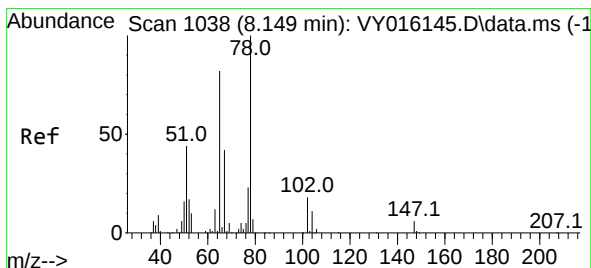
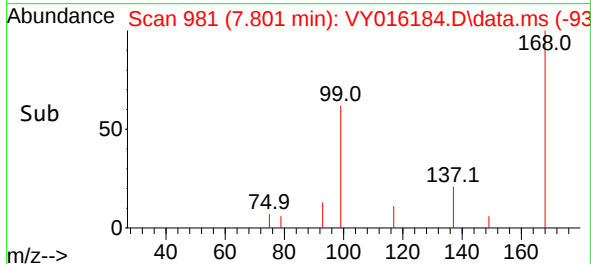
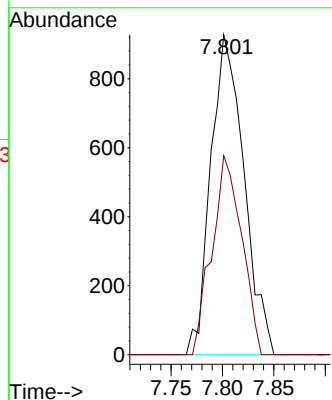
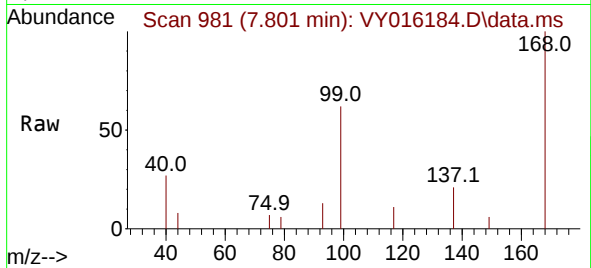




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016184.D
Acq: 02 Nov 2023 12:51

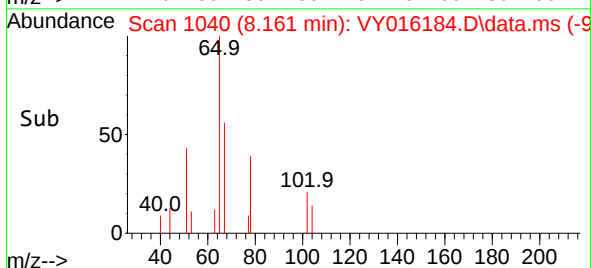
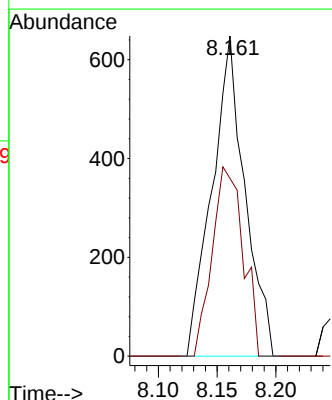
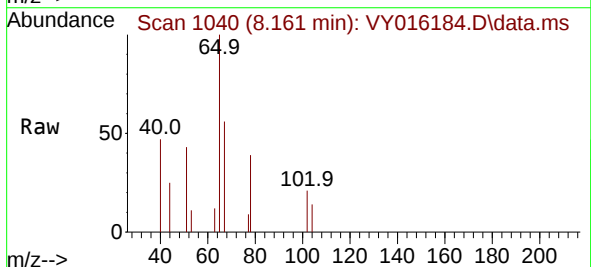
Instrument :
MSVOA_Y
ClientSampleId :
SCFRE

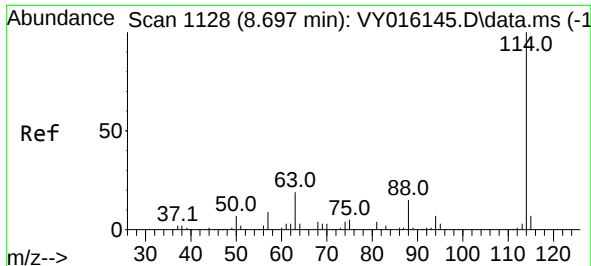
Tgt Ion:168 Resp: 2081
Ion Ratio Lower Upper
168 100
99 62.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 64.809 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY016184.D
Acq: 02 Nov 2023 12:51

Tgt Ion: 65 Resp: 1262
Ion Ratio Lower Upper
65 100
67 55.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016184.D

Acq: 02 Nov 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

SCFRE

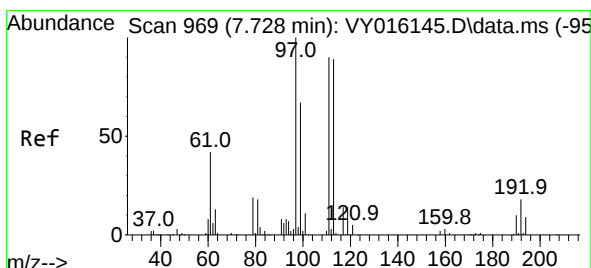
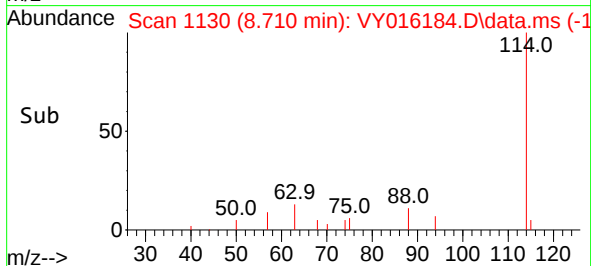
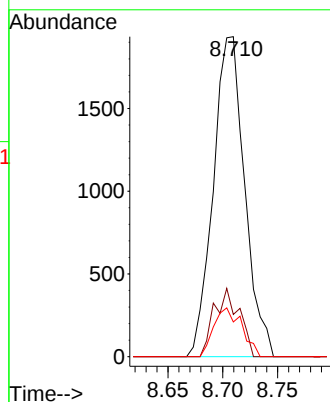
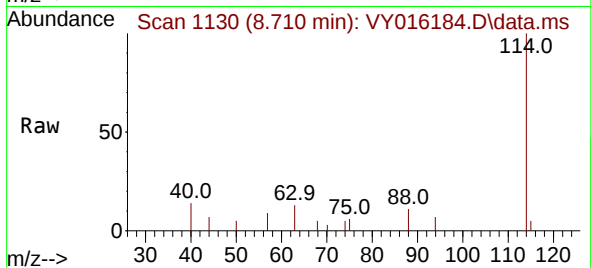
Tgt Ion:114 Resp: 3855

Ion Ratio Lower Upper

114 100

63 13.2 0.0 42.4

88 10.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 31.633 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016184.D

Acq: 02 Nov 2023 12:51

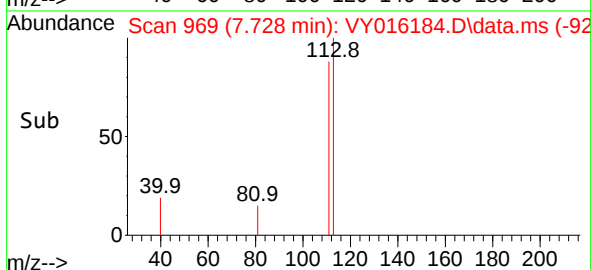
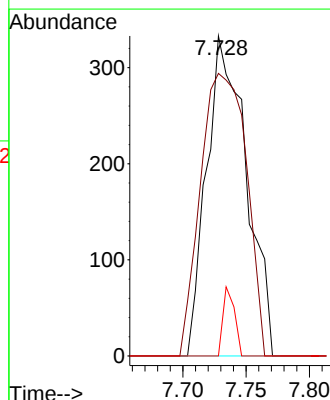
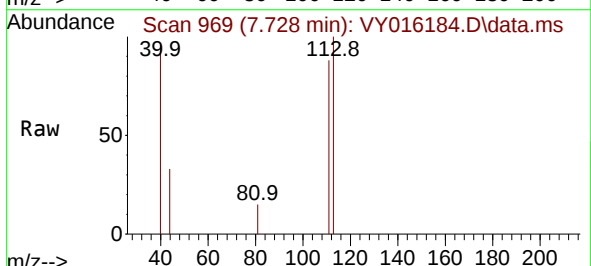
Tgt Ion:113 Resp: 727

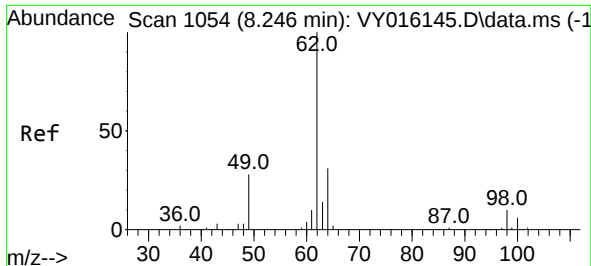
Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 6.2 16.9 25.3#





#42

1,2-Dichloroethane

Concen: 77.517 ug/l

RT: 8.252 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VY016184.D

Acq: 02 Nov 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

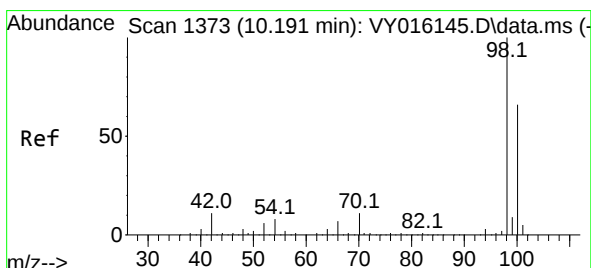
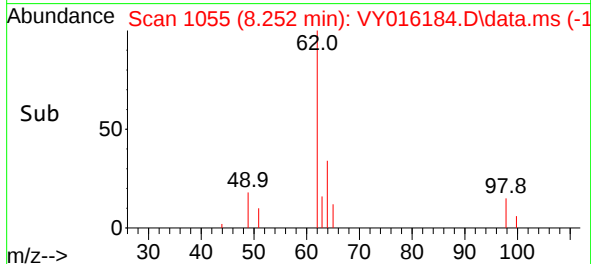
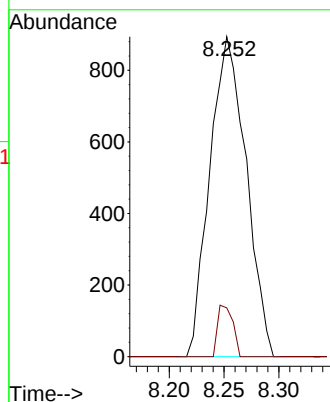
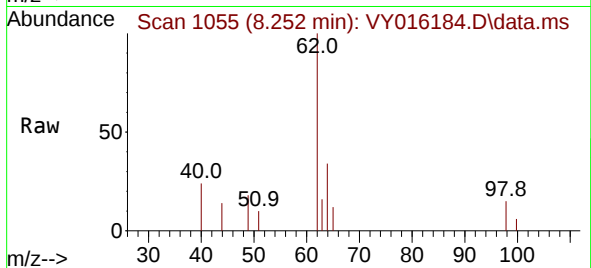
SCFRE

Tgt Ion: 62 Resp: 2061

Ion Ratio Lower Upper

62 100

98 6.7 0.0 15.8



#50

Toluene-d8

Concen: 52.765 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016184.D

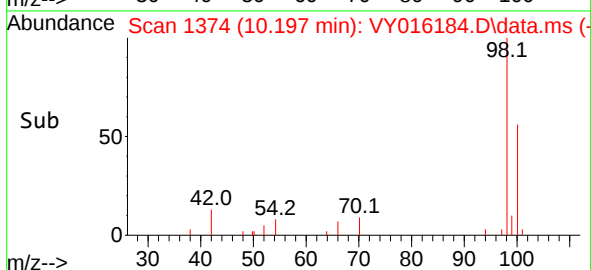
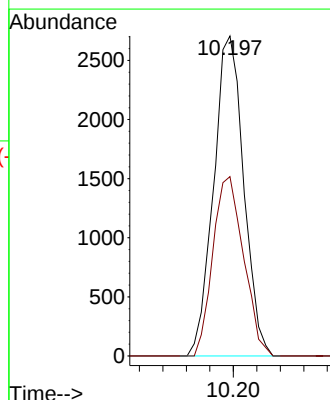
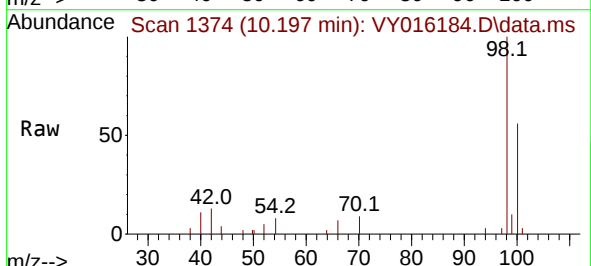
Acq: 02 Nov 2023 12:51

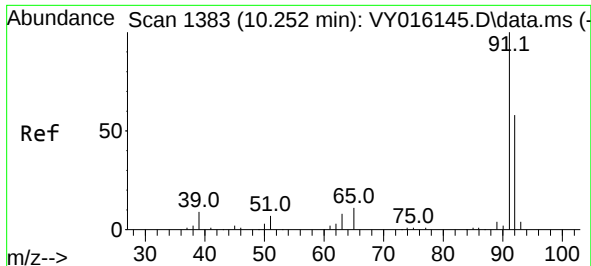
Tgt Ion: 98 Resp: 4808

Ion Ratio Lower Upper

98 100

100 57.2 50.1 75.1

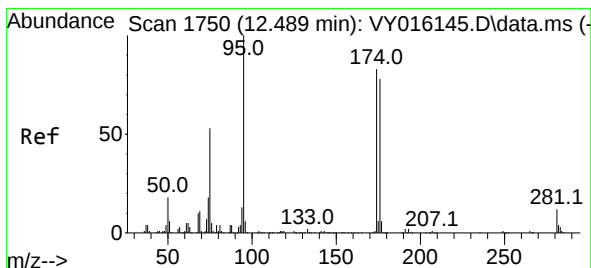
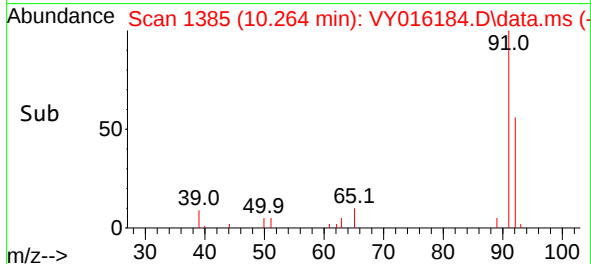
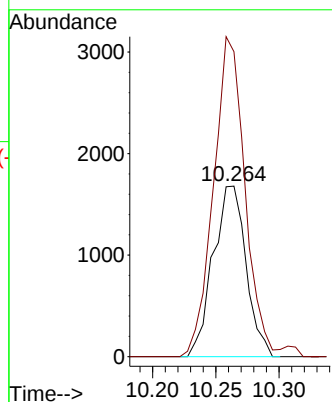
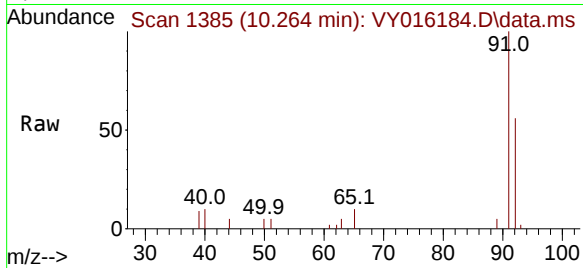




#52
Toluene
Concen: 49.144 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016184.D
Acq: 02 Nov 2023 12:51

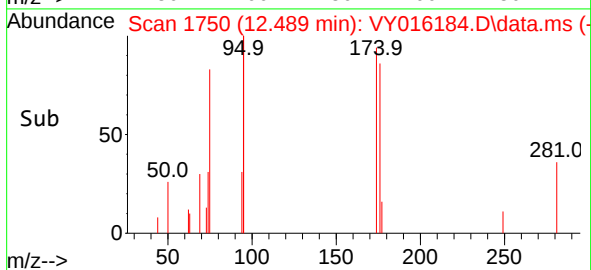
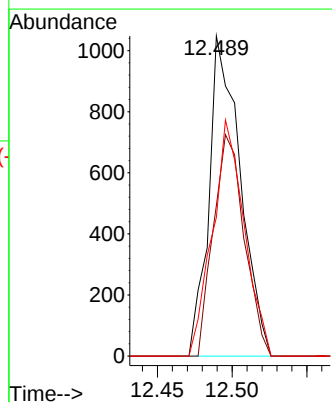
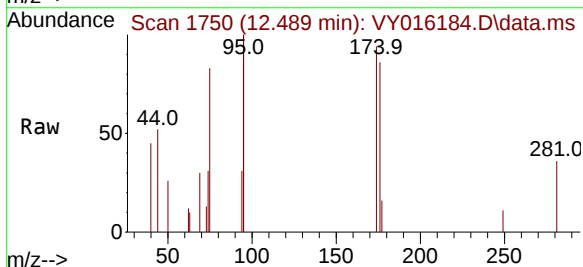
Instrument :
MSVOA_Y
ClientSampleId :
SCFRE

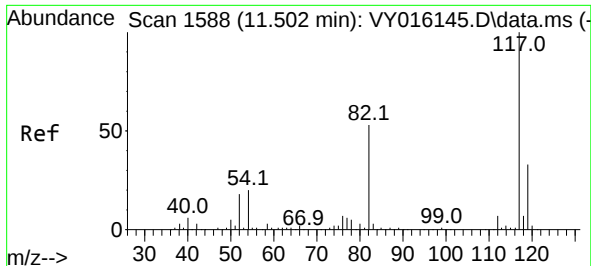
Tgt Ion: 92 Resp: 3034
Ion Ratio Lower Upper
92 100
91 179.7 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 49.072 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016184.D
Acq: 02 Nov 2023 12:51

Tgt Ion: 95 Resp: 1529
Ion Ratio Lower Upper
95 100
174 68.0 0.0 178.2
176 74.6 0.0 173.8

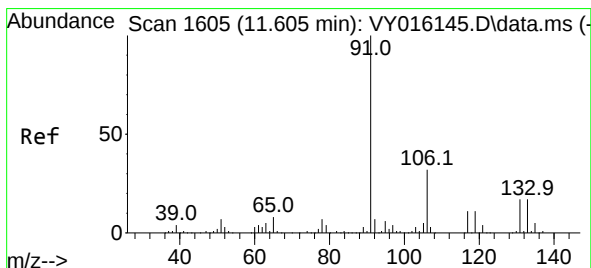
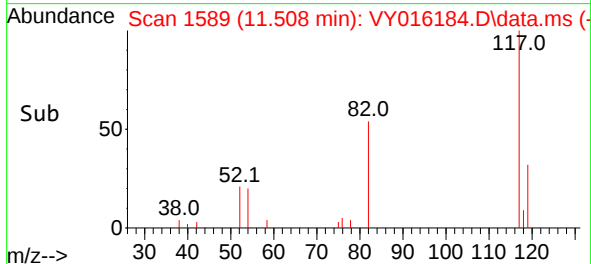
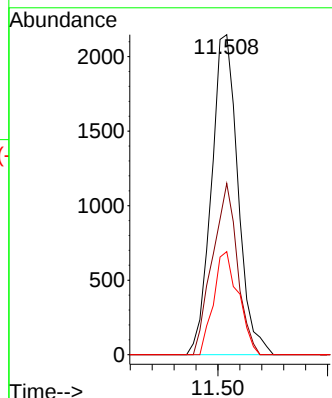
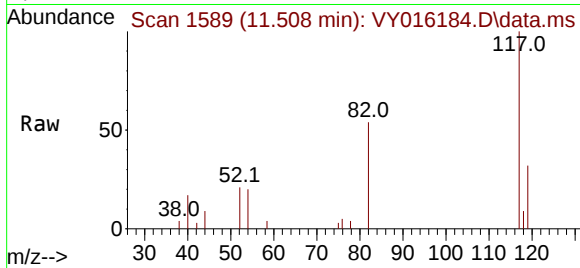




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016184.D
Acq: 02 Nov 2023 12:51

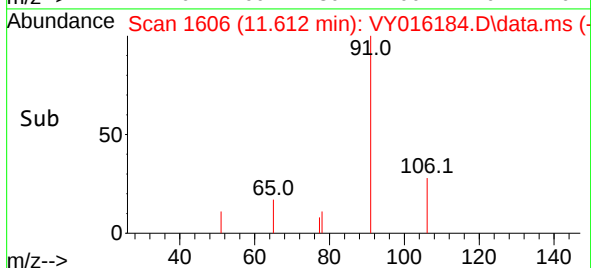
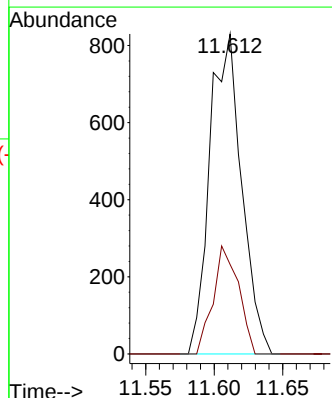
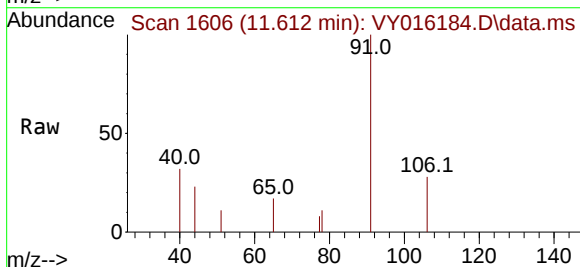
Instrument :
MSVOA_Y
ClientSampleId :
SCFRE

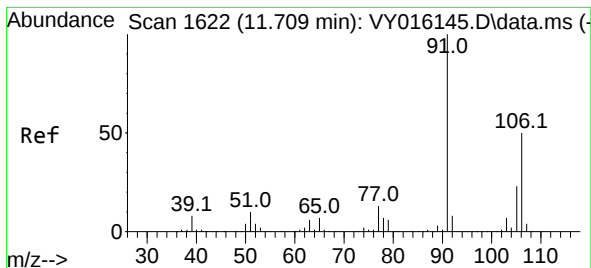
Tgt Ion:117 Resp: 3610
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.2 26.3 39.5



#67
Ethyl Benzene
Concen: 10.446 ug/l
RT: 11.612 min Scan# 1606
Delta R.T. 0.006 min
Lab File: VY016184.D
Acq: 02 Nov 2023 12:51

Tgt Ion: 91 Resp: 1340
Ion Ratio Lower Upper
91 100
106 28.0 24.6 36.8





#68

m/p-Xylenes

Concen: 31.551 ug/l

RT: 11.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016184.D

Acq: 02 Nov 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

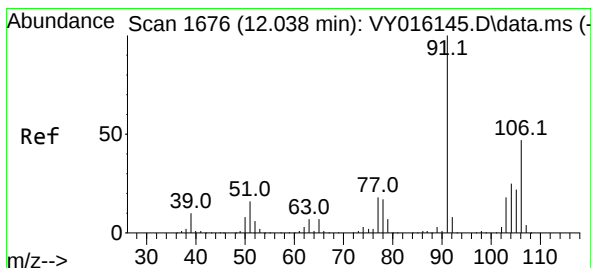
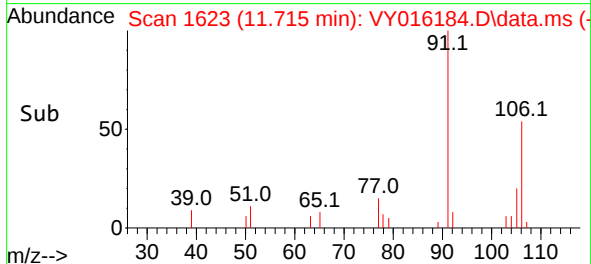
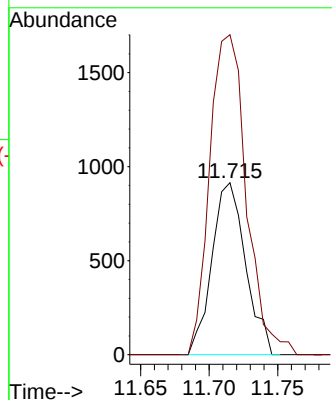
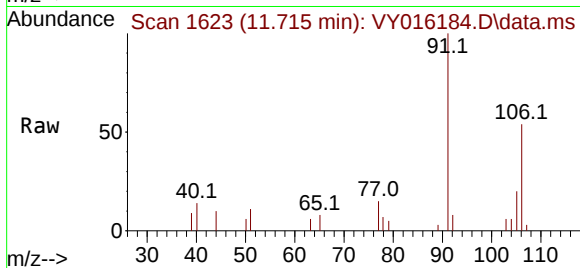
SCFRE

Tgt Ion:106 Resp: 1564

Ion Ratio Lower Upper

106 100

91 202.6 166.1 249.1



#69

o-Xylene

Concen: 6.465 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY016184.D

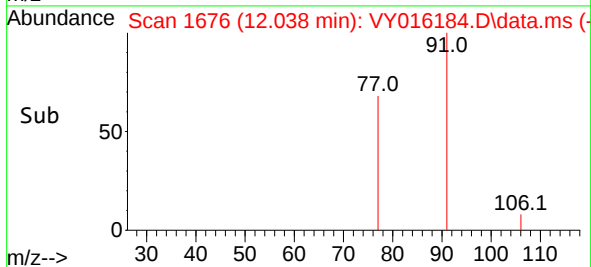
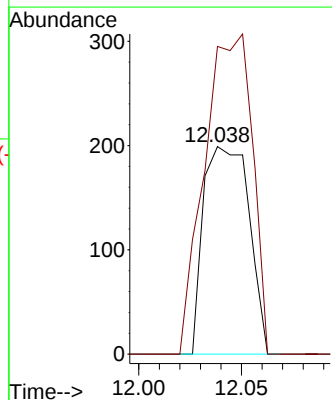
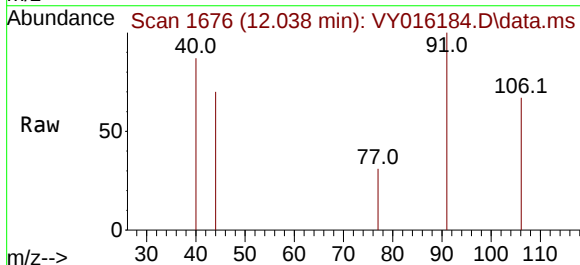
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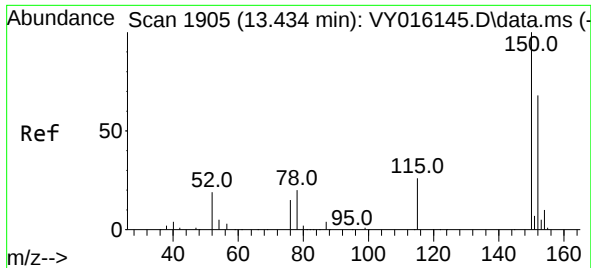
Tgt Ion:106 Resp: 306

Ion Ratio Lower Upper

106 100

91 162.1 108.1 324.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016184.D

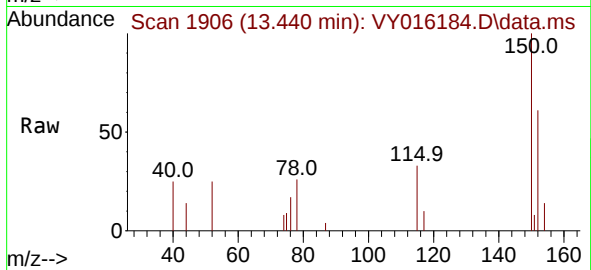
Acq: 02 Nov 2023 12:51

Instrument :

MSVOA_Y

ClientSampleId :

SCFRE



Tgt Ion:152 Resp: 1227

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 154.7 0.0 348.8

