

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020227.D
 Acq On : 08 Nov 2024 12:51
 Operator : SY/MD
 Sample : P4739-03RE
 Misc : 4.78g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14-VOCRE

Quant Time: Nov 08 22:17:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

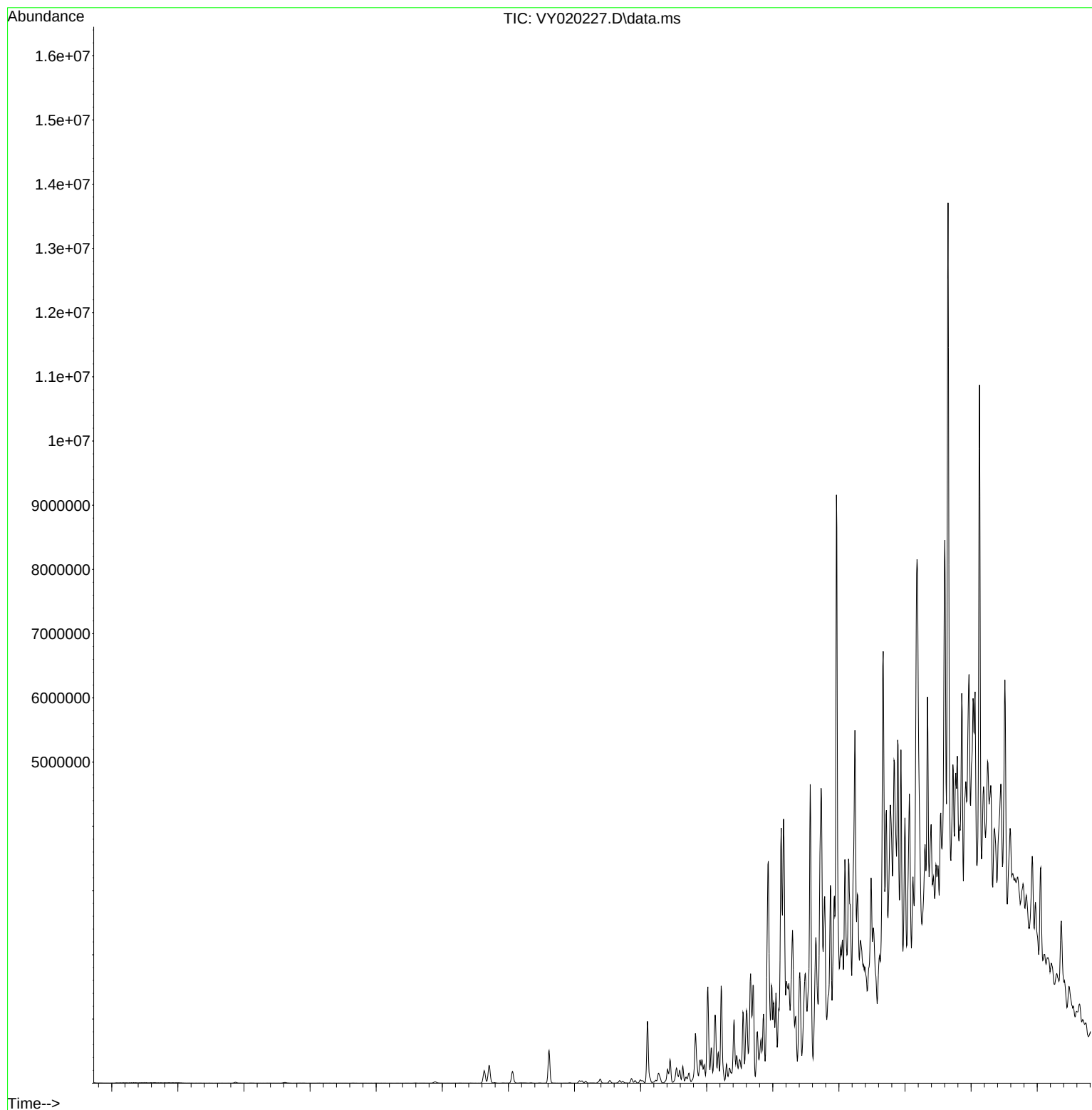
Internal Standards						
1) Pentafluorobenzene	7.707	168	189977	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	398216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	394058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	200458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	142388	60.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.100%
35) Dibromofluoromethane	7.634	113	133839	52.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.720%
50) Toluene-d8	10.103	98	514692	51.071	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.140%
62) 4-Bromofluorobenzene	12.402	95	268929	82.155	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	164.320%#
Target Compounds						
16) Acetone	3.873	43	23753	43.078	ug/l	# 86
83) tert-Butylbenzene	12.999	119	159327	14.173	ug/l	81

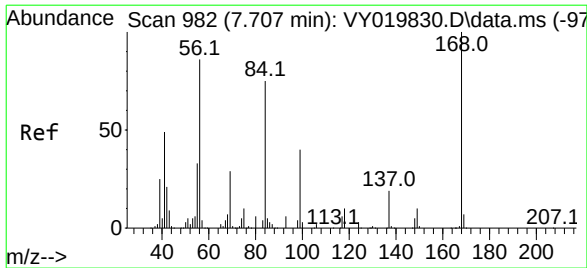
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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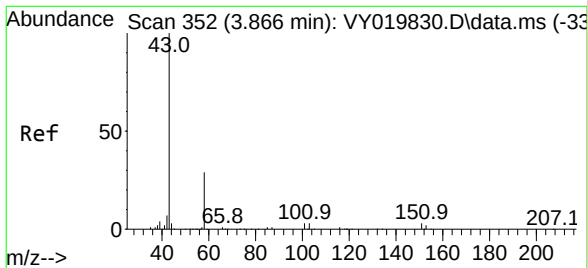
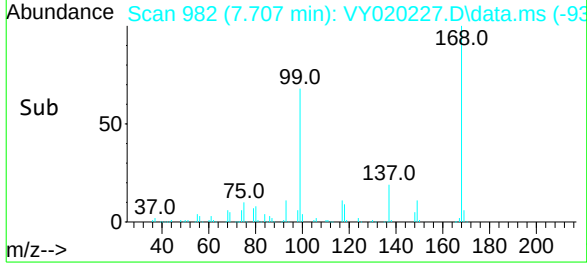
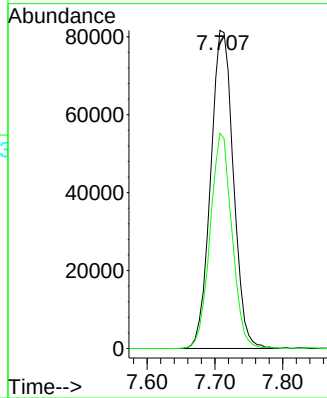
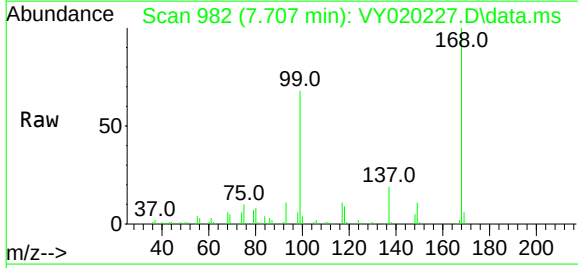




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020227.D
Acq: 08 Nov 2024 12:51

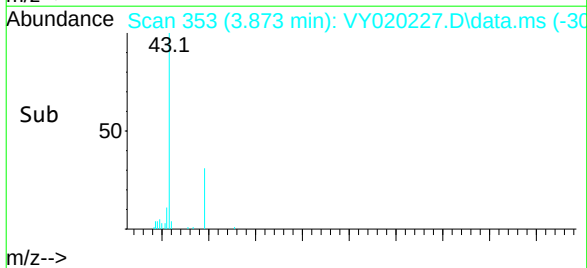
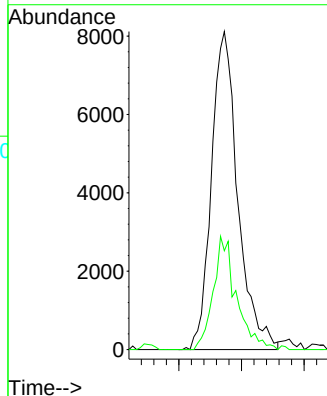
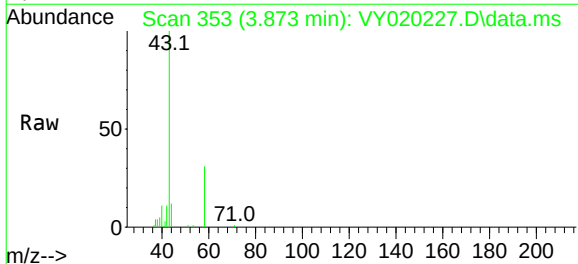
Instrument :
MSVOA_Y
ClientSampleId :
TP-14-VOCRE

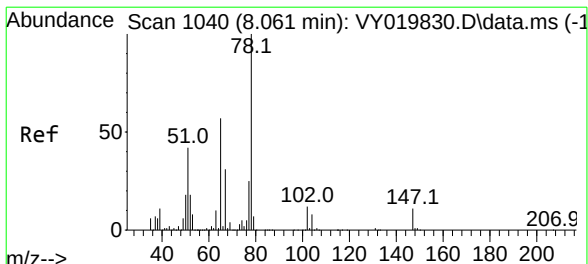
Tgt Ion: 168 Resp: 189977
Ion Ratio Lower Upper
168 100
99 67.6 39.1 58.7#



#16
Acetone
Concen: 43.078 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020227.D
Acq: 08 Nov 2024 12:51

Tgt Ion: 43 Resp: 23753
Ion Ratio Lower Upper
43 100
58 31.1 31.7 47.5#

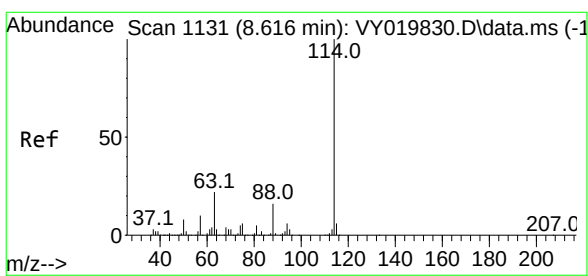
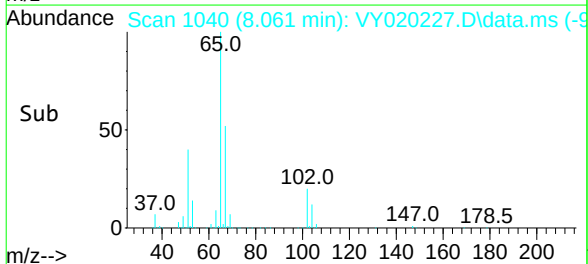
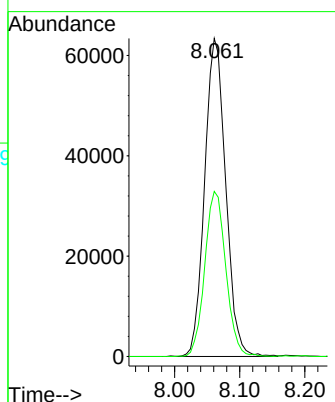
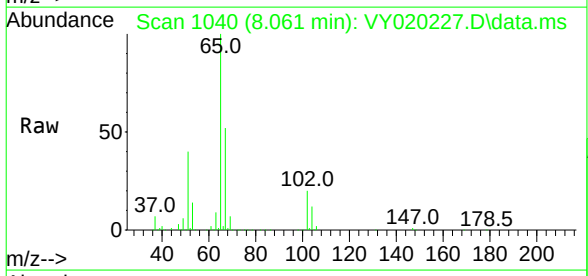




#33
 1,2-Dichloroethane-d4
 Concen: 60.053 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY020227.D
 Acq: 08 Nov 2024 12:51

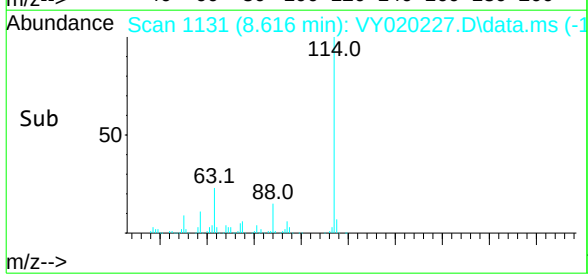
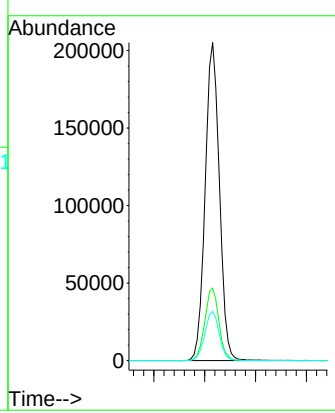
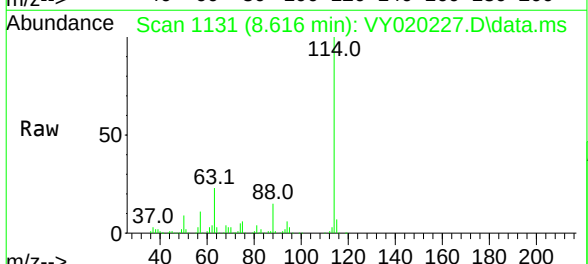
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14-VOCRE

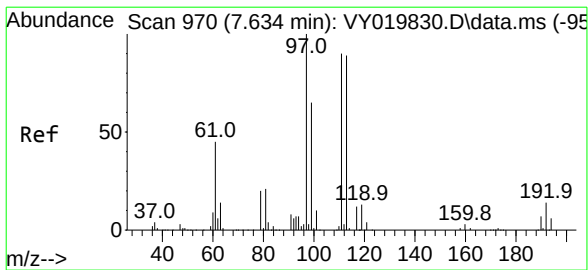
Tgt Ion: 65 Resp: 142388
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020227.D
 Acq: 08 Nov 2024 12:51

Tgt Ion: 114 Resp: 398216
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 35.0
 88 15.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.862 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020227.D

Acq: 08 Nov 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-14-VOCRE

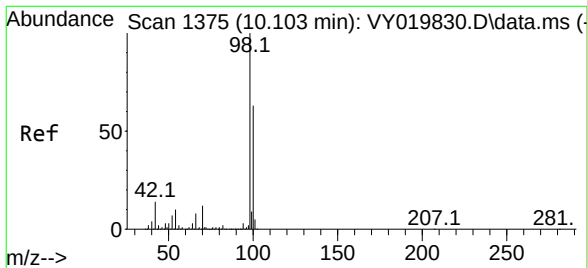
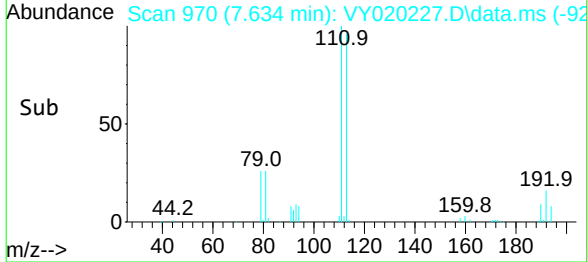
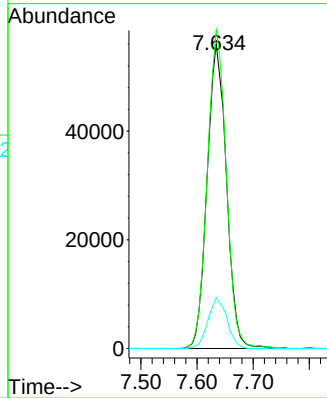
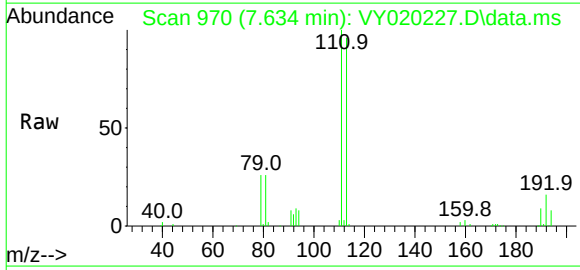
Tgt Ion:113 Resp: 133839

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 16.4 15.9 23.9



#50

Toluene-d8

Concen: 51.071 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020227.D

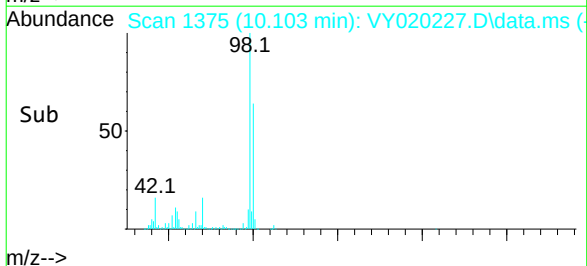
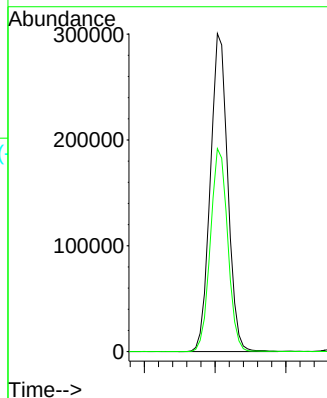
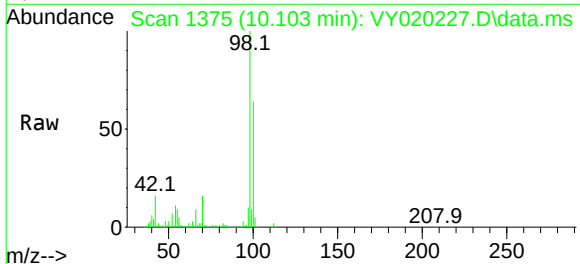
Acq: 08 Nov 2024 12:51

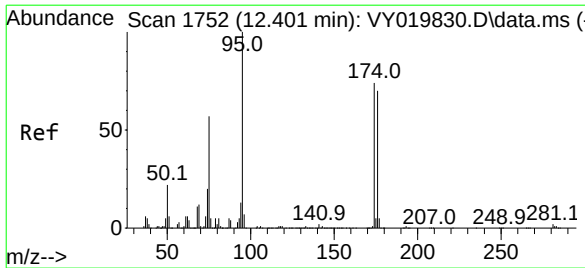
Tgt Ion: 98 Resp: 514692

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

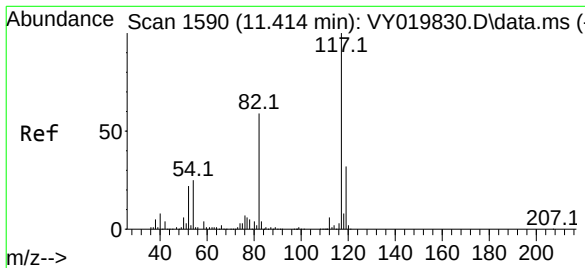
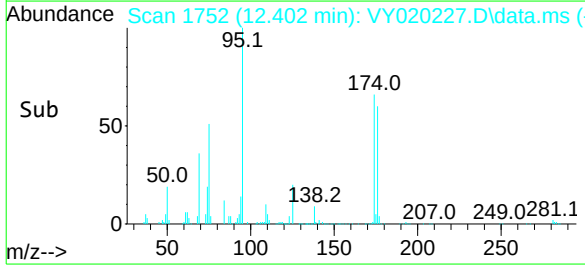
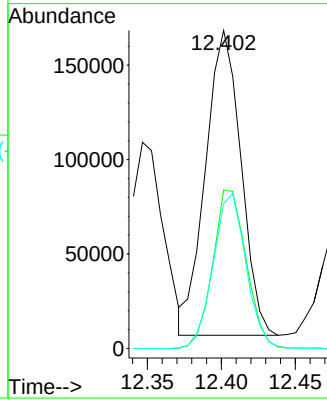
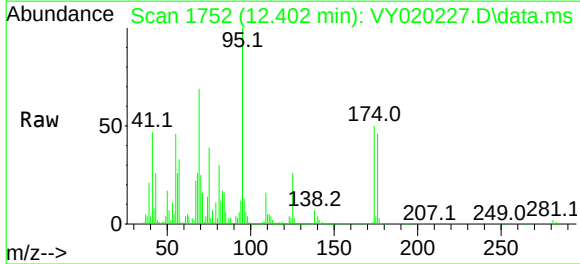




#62
4-Bromofluorobenzene
Concen: 82.155 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020227.D
Acq: 08 Nov 2024 12:51

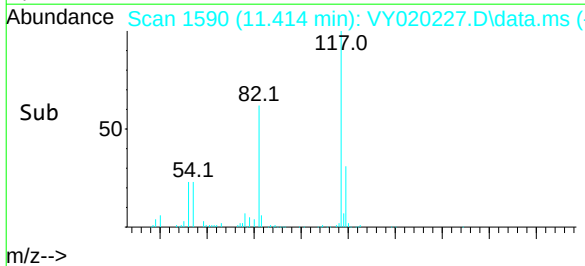
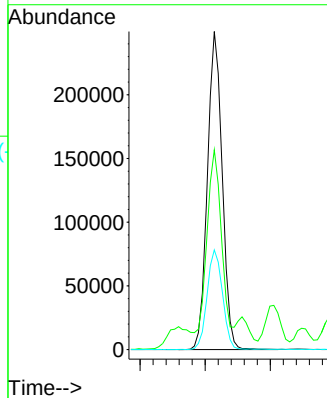
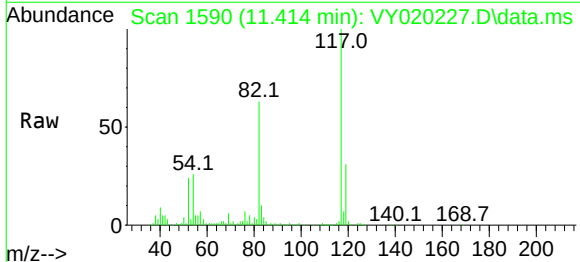
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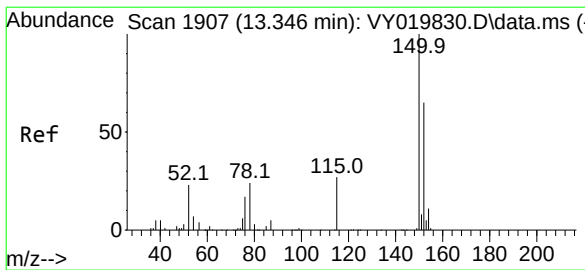
Tgt Ion: 95 Resp: 268929
Ion Ratio Lower Upper
95 100
174 49.4 0.0 175.6
176 47.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020227.D
Acq: 08 Nov 2024 12:51

Tgt Ion: 117 Resp: 394058
Ion Ratio Lower Upper
117 100
82 55.6 42.4 63.6
119 31.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 19

Delta R.T. 0.000 min

Lab File: VY020227.D

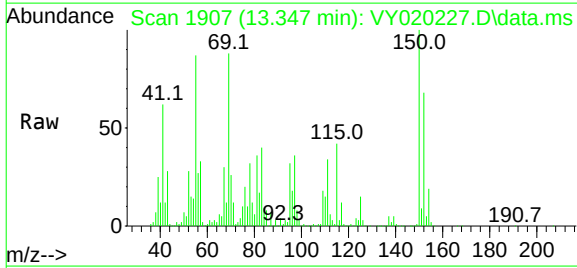
Acq: 08 Nov 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-14-VOCRE



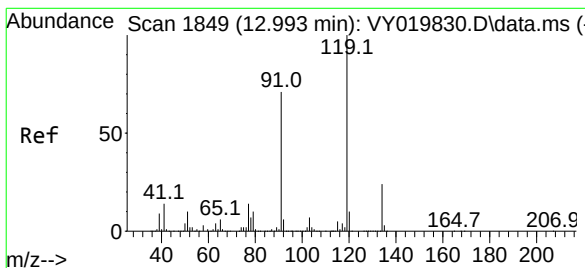
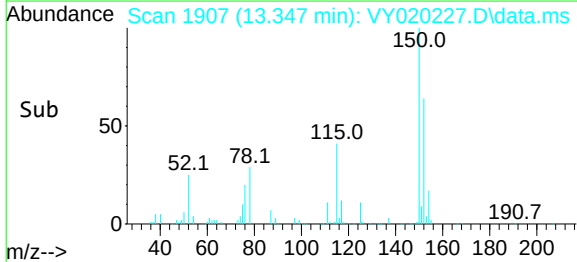
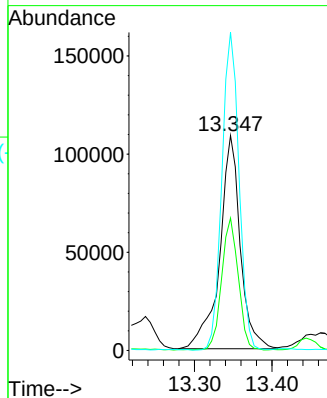
Tgt Ion:152 Resp: 200458

Ion Ratio Lower Upper

152 100

115 50.0 28.2 84.7

150 123.7 0.0 345.6



#83

tert-Butylbenzene

Concen: 14.173 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020227.D

Acq: 08 Nov 2024 12:51

Tgt Ion:119 Resp: 159327

Ion Ratio Lower Upper

119 100

91 81.8 31.3 93.8

134 24.5 13.4 40.1

