

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013245.D
 Acq On : 11 Apr 2023 16:13
 Operator : KP/MD
 Sample : 02222-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MID-H4(ELEV-24)

Quant Time: Apr 11 17:10:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

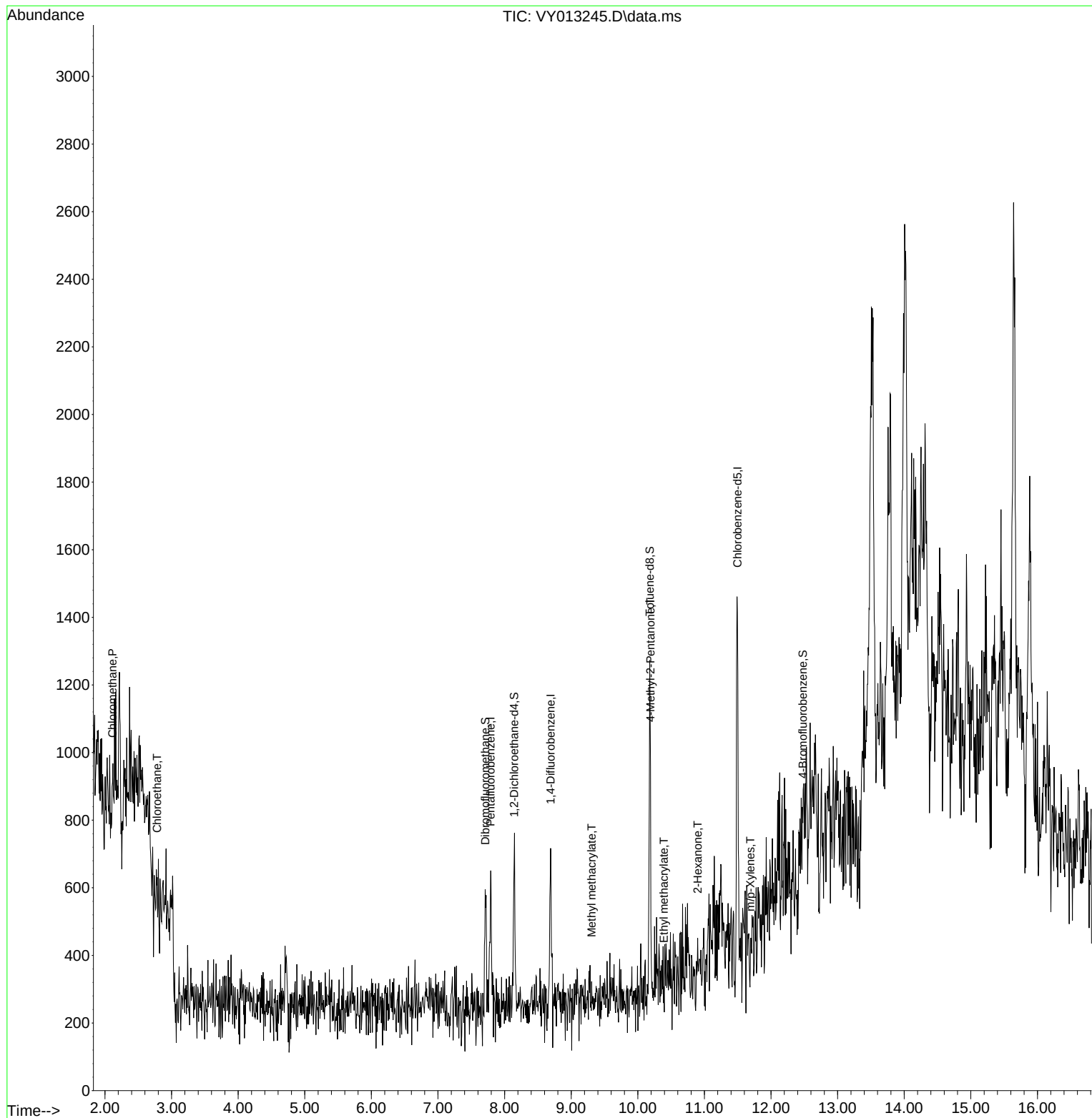
Internal Standards						
1) Pentafluorobenzene	7.789	168	491	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	572	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	457	82.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.540%#	
35) Dibromofluoromethane	7.710	113	260	65.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.420%	
50) Toluene-d8	10.179	98	669	47.926	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.860%	
62) 4-Bromofluorobenzene	12.477	95	144	28.888	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 57.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	111	27.271	ug/l	# 42
6) Chloroethane	2.784	64	49	15.932	ug/l	# 43
48) Methyl methacrylate	9.307	41	19	4.880	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.191	43	21	4.177	ug/l	# 38
56) Ethyl methacrylate	10.392	69	20	3.780	ug/l	# 1
59) 2-Hexanone	10.898	43	19	5.124	ug/l	# 26
68) m/p-Xylenes	11.691	106	39	5.417	ug/l	# 1

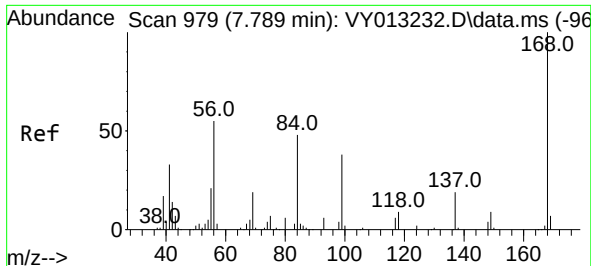
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
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Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-24)

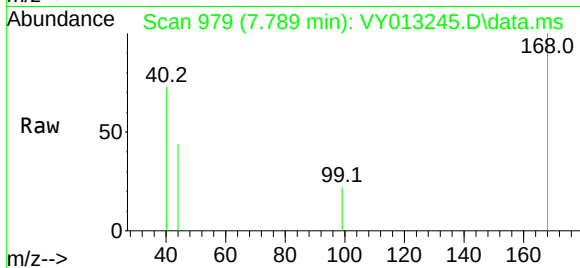
Quant Time: Apr 11 17:10:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260
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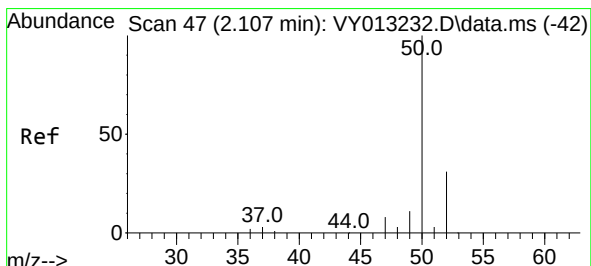
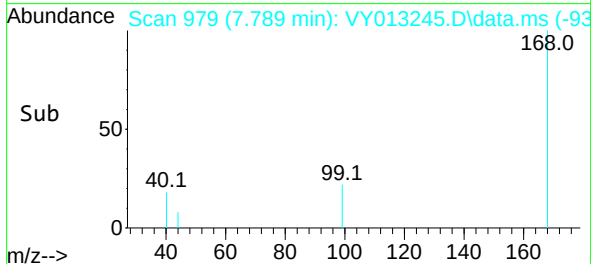
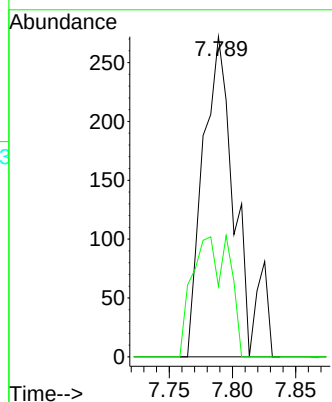


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013245.D
Acq: 11 Apr 2023 16:13

Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-24)

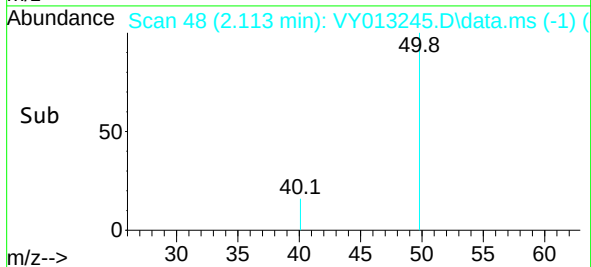
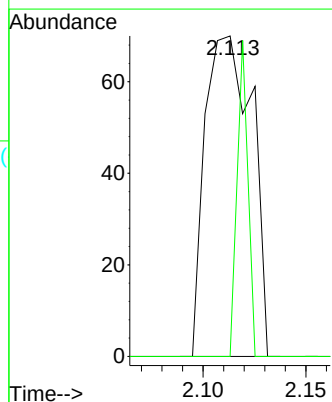
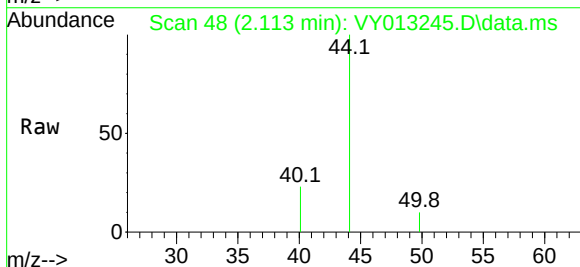


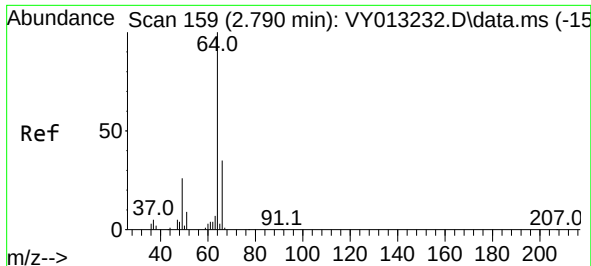
Tgt Ion:168 Resp: 491
Ion Ratio Lower Upper
168 100
99 22.1 41.7 62.5#



#3
Chloromethane
Concen: 27.271 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY013245.D
Acq: 11 Apr 2023 16:13

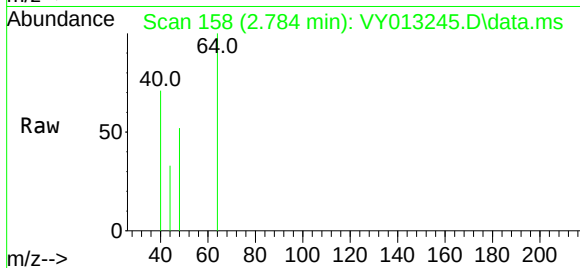
Tgt Ion: 50 Resp: 111
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#



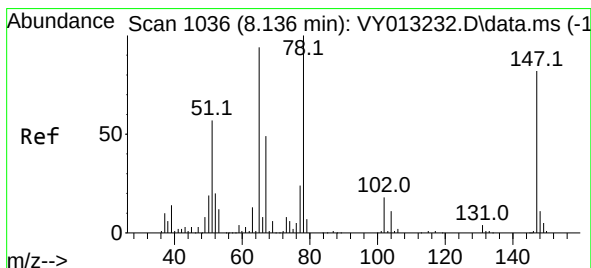
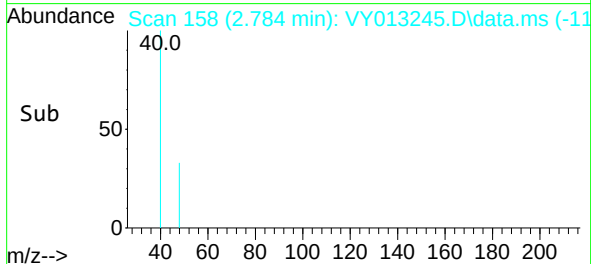


#6
Chloroethane
Concen: 15.932 ug/l
RT: 2.784 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013245.D
Acq: 11 Apr 2023 16:13

Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-24)

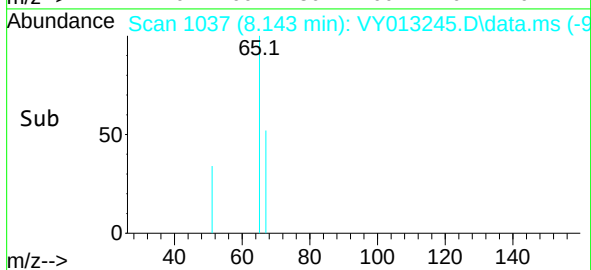
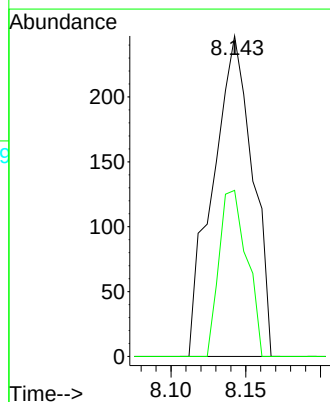
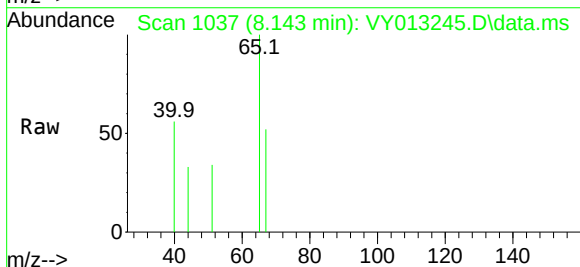


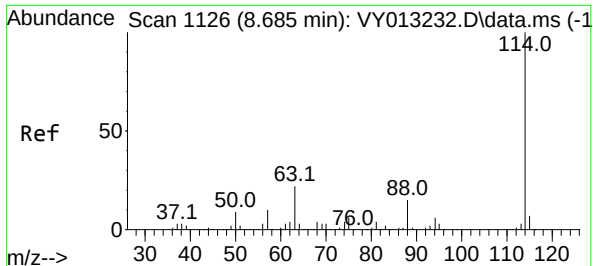
Tgt Ion: 64 Resp: 49
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#33
1,2-Dichloroethane-d4
Concen: 82.767 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013245.D
Acq: 11 Apr 2023 16:13

Tgt Ion: 65 Resp: 457
Ion Ratio Lower Upper
65 100
67 36.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY013245.D

Acq: 11 Apr 2023 16:13

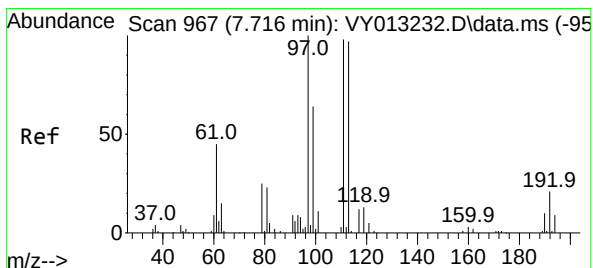
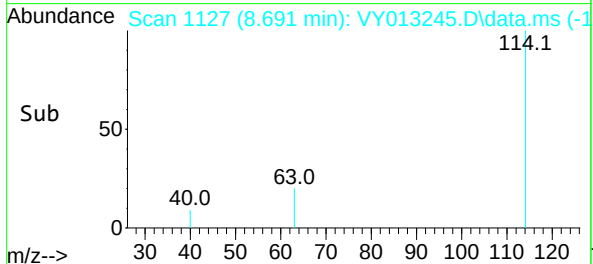
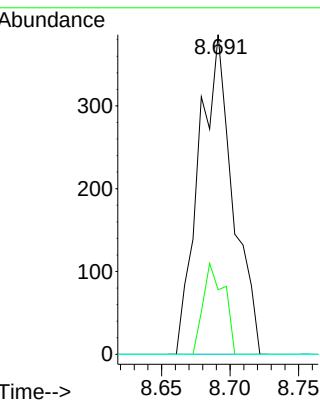
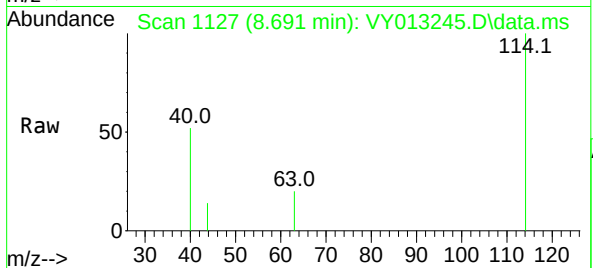
Instrument :

MSVOA_Y

ClientSampleId :

MID-H4(ELEV-24)

Tgt Ion:114	Resp:	667
Ion	Ratio	Lower Upper
114	100	
63	20.2	0.0 37.4
88	0.0	0.0 28.6



#35

Dibromofluoromethane

Concen: 65.212 ug/l

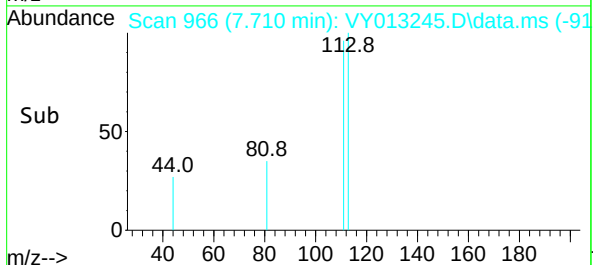
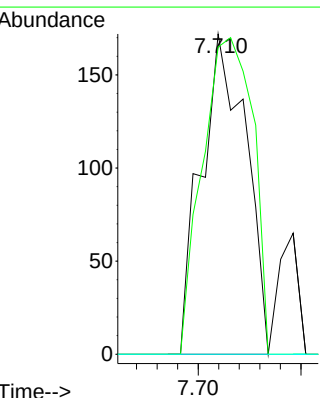
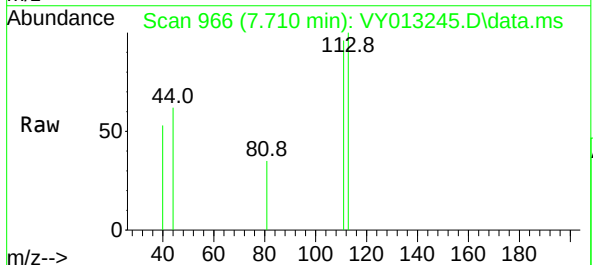
RT: 7.710 min Scan# 966

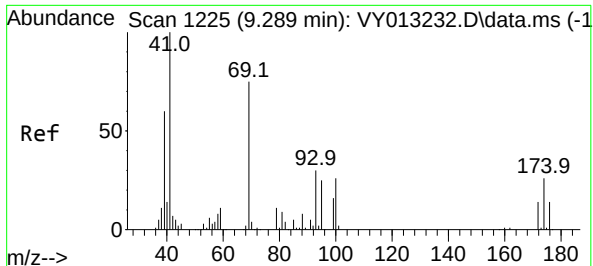
Delta R.T. -0.006 min

Lab File: VY013245.D

Acq: 11 Apr 2023 16:13

Tgt Ion:113	Resp:	260
Ion	Ratio	Lower Upper
113	100	
111	111.5	82.2 123.2
192	0.0	16.8 25.2





#48

Methyl methacrylate

Concen: 4.880 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.018 min

Lab File: VY013245.D

Acq: 11 Apr 2023 16:13

Instrument :

MSVOA_Y

ClientSampleId :

MID-H4(ELEV-24)

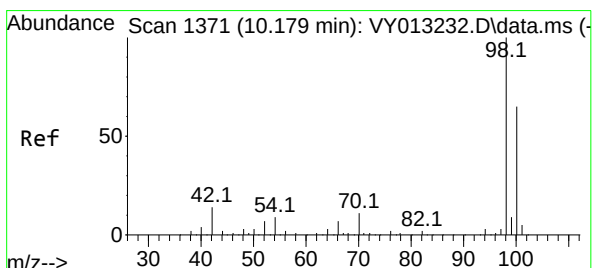
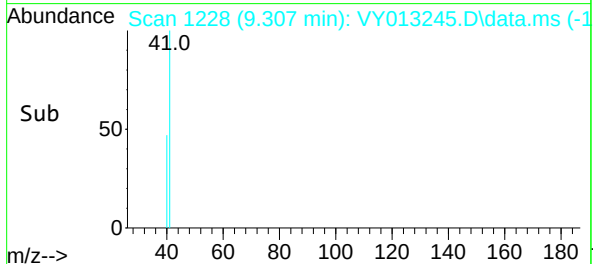
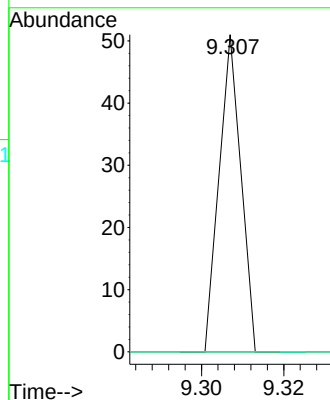
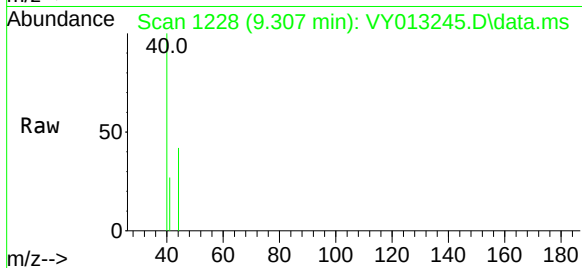
Tgt Ion: 41 Resp: 19

Ion Ratio Lower Upper

41 100

69 0.0 64.1 96.1#

39 0.0 44.0 66.0#



#50

Toluene-d8

Concen: 47.926 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013245.D

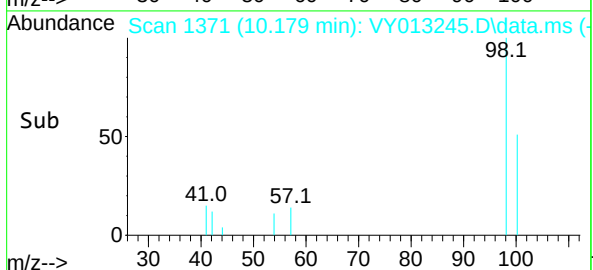
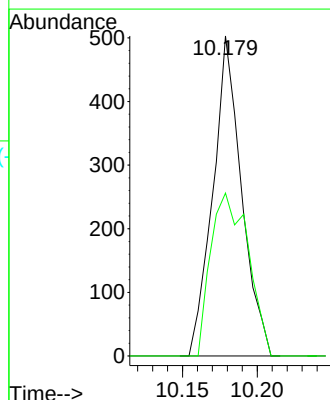
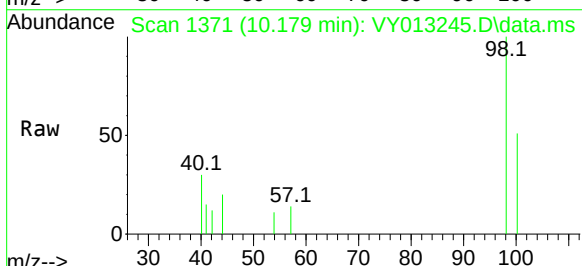
Acq: 11 Apr 2023 16:13

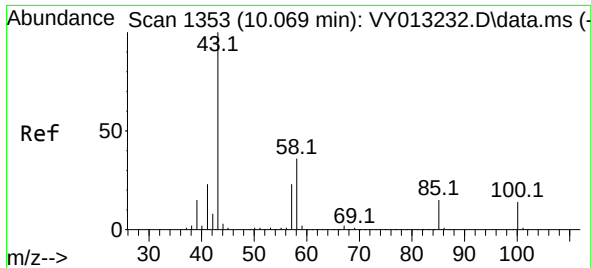
Tgt Ion: 98 Resp: 669

Ion Ratio Lower Upper

98 100

100 66.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 4.177 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.122 min

Lab File: VY013245.D

Acq: 11 Apr 2023 16:13

Instrument :

MSVOA_Y

ClientSampleId :

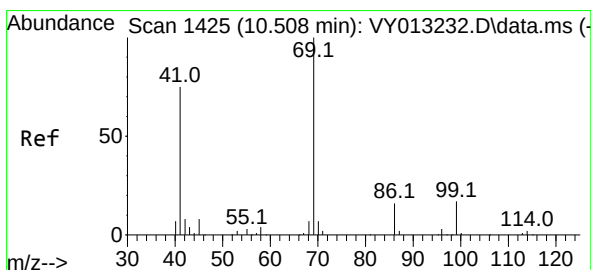
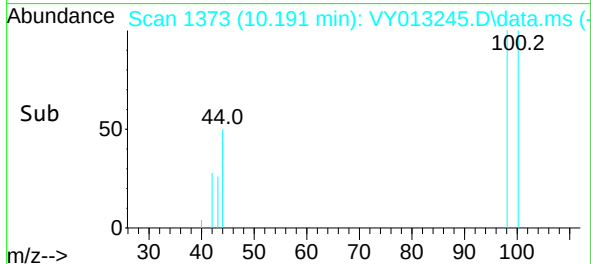
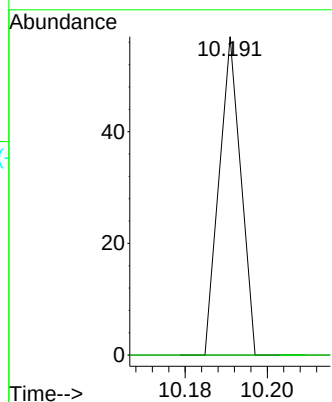
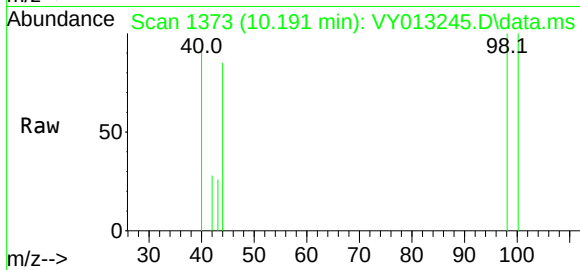
MID-H4(ELEV-24)

Tgt Ion: 43 Resp: 21

Ion Ratio Lower Upper

43 100

58 0.0 29.8 44.6#



#56

Ethyl methacrylate

Concen: 3.780 ug/l

RT: 10.392 min Scan# 1406

Delta R.T. -0.116 min

Lab File: VY013245.D

Acq: 11 Apr 2023 16:13

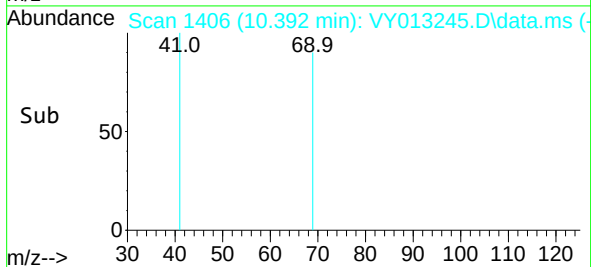
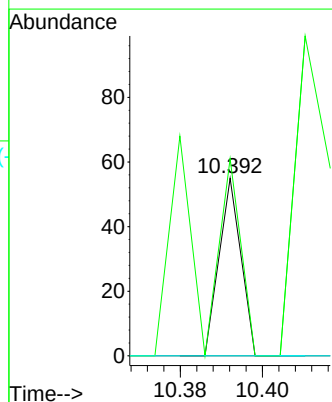
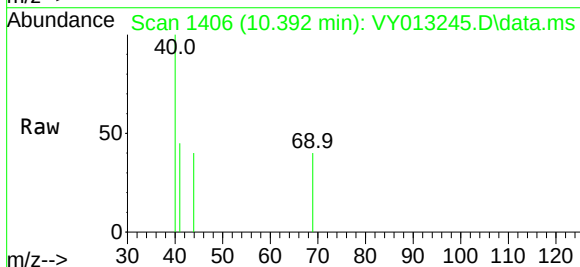
Tgt Ion: 69 Resp: 20

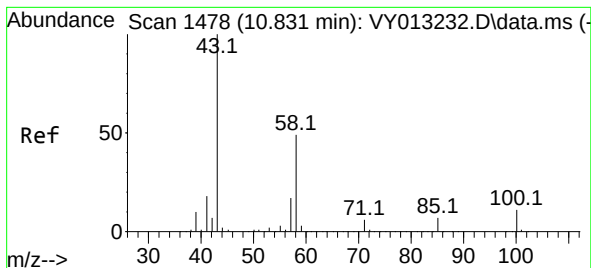
Ion Ratio Lower Upper

69 100

41 235.0 56.4 84.6#

39 0.0 30.8 46.2#

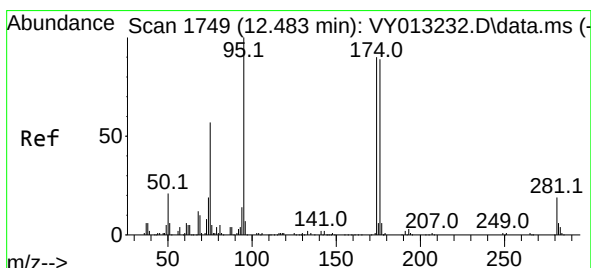
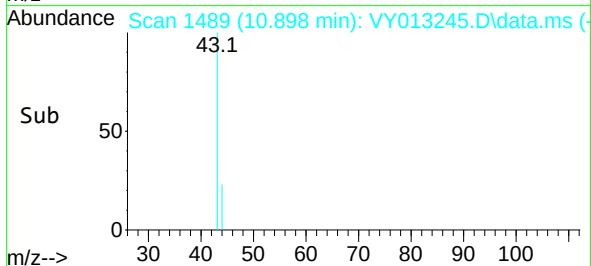
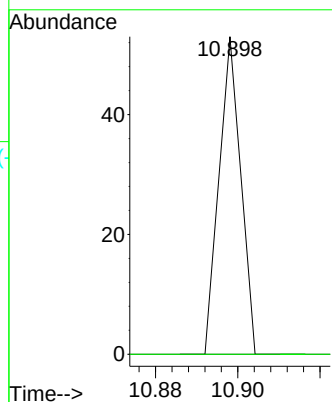
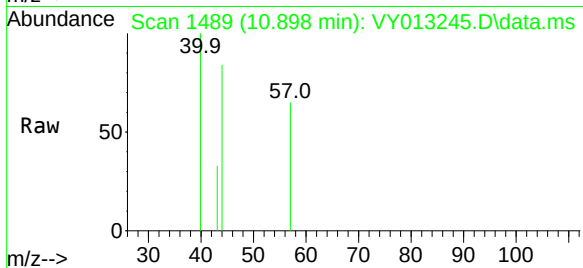




#59
2-Hexanone
Concen: 5.124 ug/l
RT: 10.898 min Scan# 1478
Delta R.T. 0.067 min
Lab File: VY013245.D
Acq: 11 Apr 2023 16:13

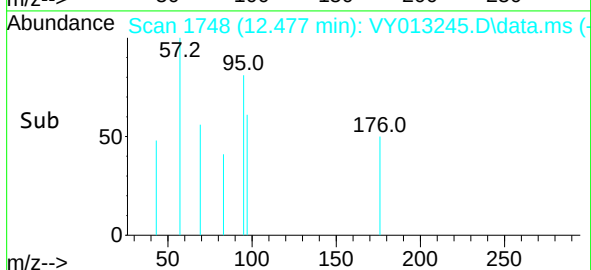
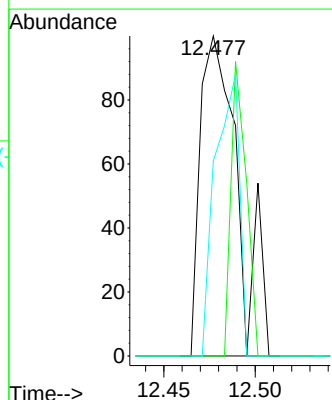
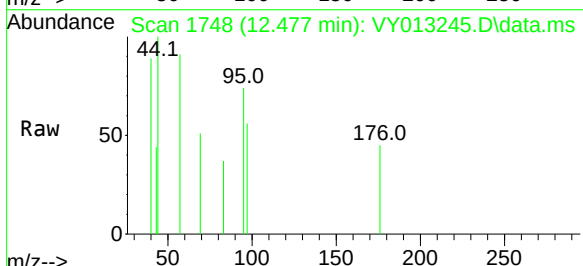
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MID-H4(ELEV-24)

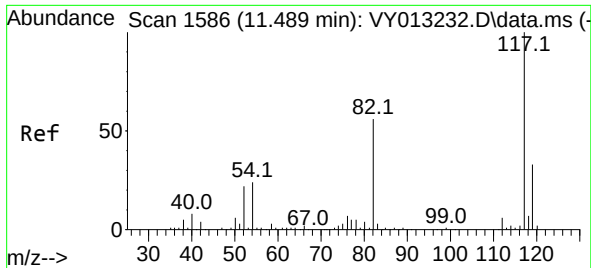
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 28.888 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013245.D
Acq: 11 Apr 2023 16:13

Tgt Ion: 95 Resp: 144
Ion Ratio Lower Upper
95 100
174 36.8 0.0 176.6
176 56.3 0.0 170.2

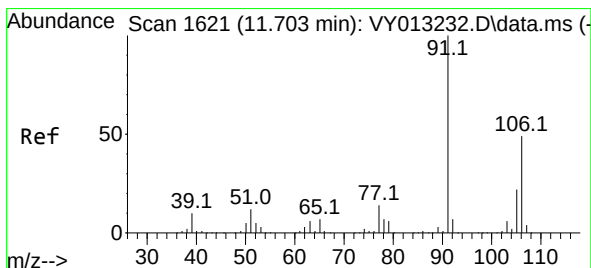
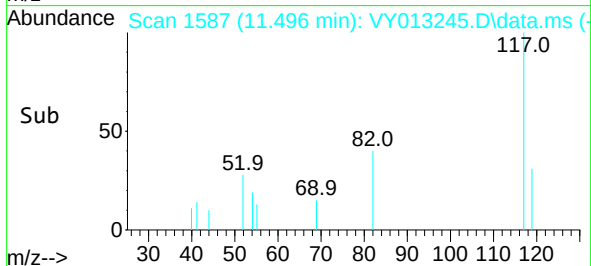
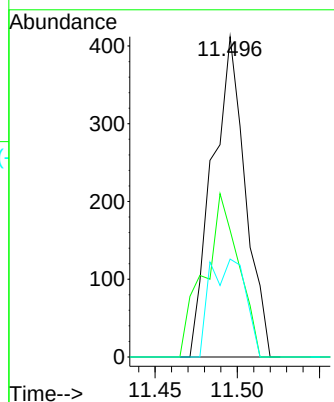
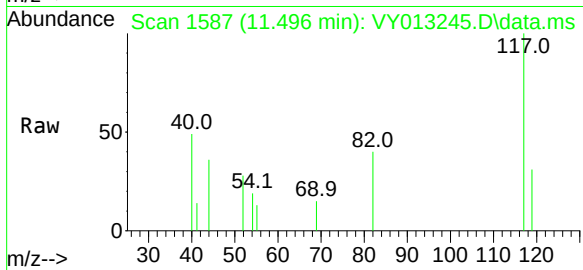




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY013245.D
Acq: 11 Apr 2023 16:13

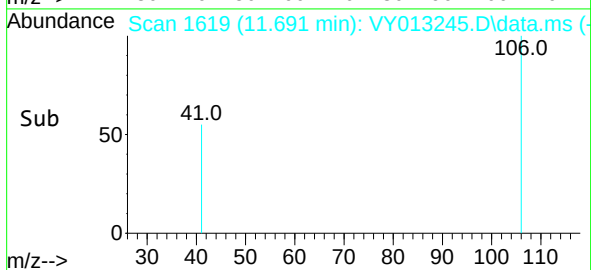
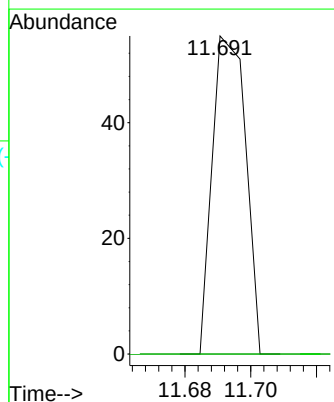
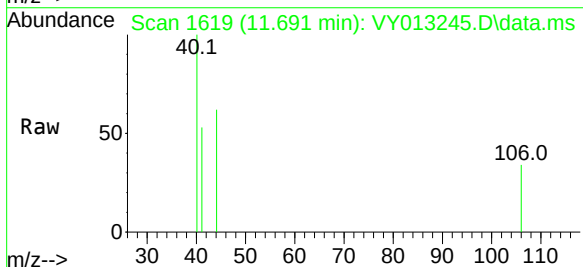
Instrument :
MSVOA_Y
ClientSampleId :
MID-H4(ELEV-24)

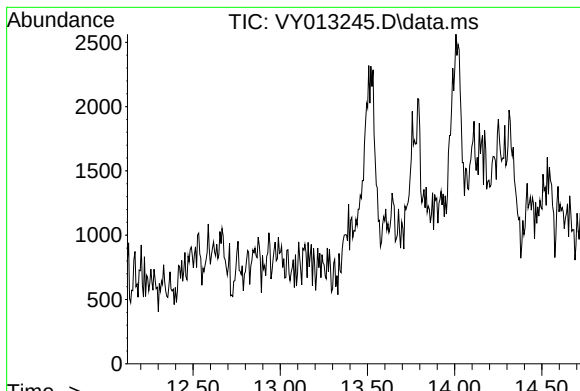
Tgt Ion:117 Resp: 572
Ion Ratio Lower Upper
117 100
82 39.6 45.4 68.0#
119 30.6 25.6 38.4



#68
m/p-Xylenes
Concen: 5.417 ug/l
RT: 11.691 min Scan# 1619
Delta R.T. -0.012 min
Lab File: VY013245.D
Acq: 11 Apr 2023 16:13

Tgt Ion:106 Resp: 39
Ion Ratio Lower Upper
106 100
91 0.0 159.8 239.8#





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 13.42 min
 Lab File: VY013245.D
 Acq: 11 Apr 2023 16:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 MID-H4(ELEV-24)

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	54.2
150	173.9

