

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013445.D
 Acq On : 25 Apr 2023 14:42
 Operator : KP/MD
 Sample : 02477-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E-H4(ELEV-22)

Quant Time: Apr 26 02:50:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

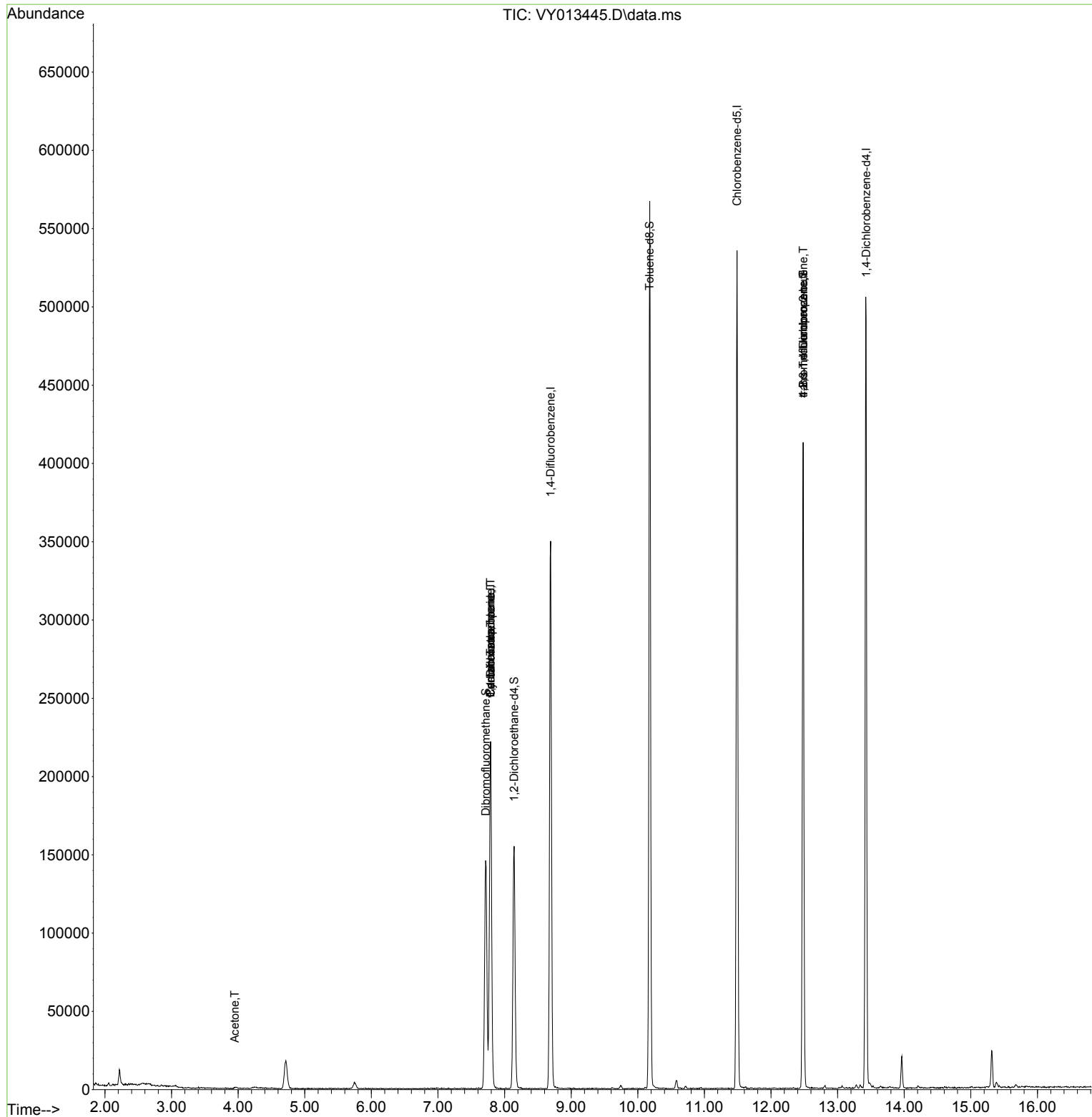
Internal Standards						
1) Pentafluorobenzene	7.789	168	169262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	294776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	282157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	123588	66.607	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.220%	
35) Dibromofluoromethane	7.715	113	103520	55.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.680%	
50) Toluene-d8	10.178	98	360342	54.635	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.260%	
62) 4-Bromofluorobenzene	12.483	95	116800	52.530	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.060%	
Target Compounds						
					Qvalue	
13) Acrolein	3.722	56	20	Below Cal	#	16
16) Acetone	3.948	43	1699	2.325	ug/l	96
20) Methylene Chloride	4.722	84	12391	Below Cal		93
31) Cyclohexane	7.789	56	4046	1.218	ug/l #	32
36) 1,1-Dichloropropene	7.789	75	13246	4.305	ug/l #	49
38) Carbon Tetrachloride	7.789	117	16408	5.088	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	61541	34.942	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61541	71.476	ug/l #	13

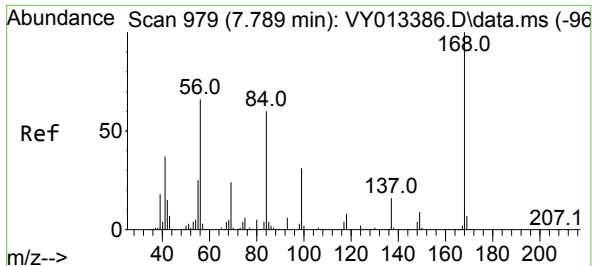
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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E-H4(ELEV-22)

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

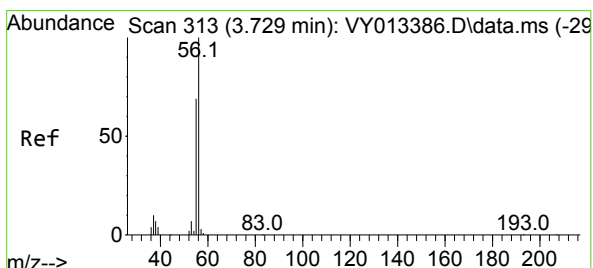
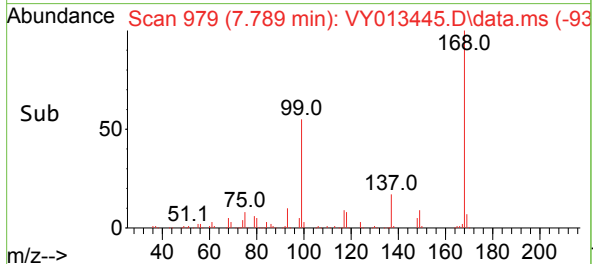
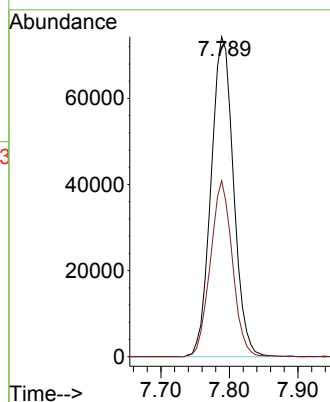
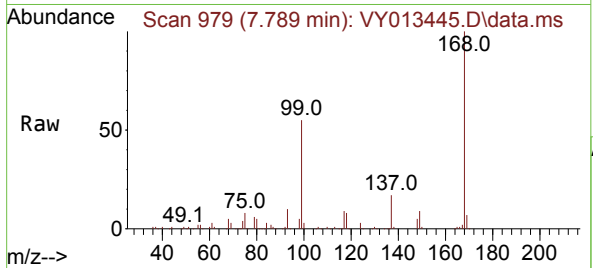




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013445.D
Acq: 25 Apr 2023 14:42

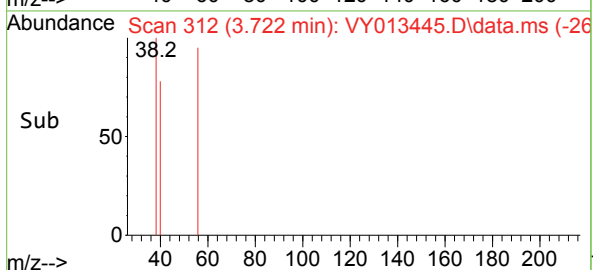
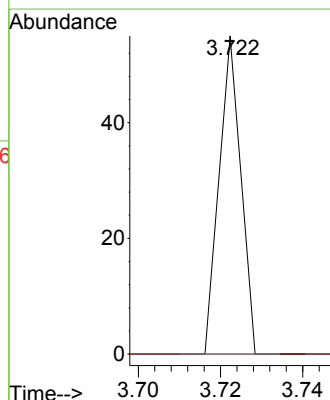
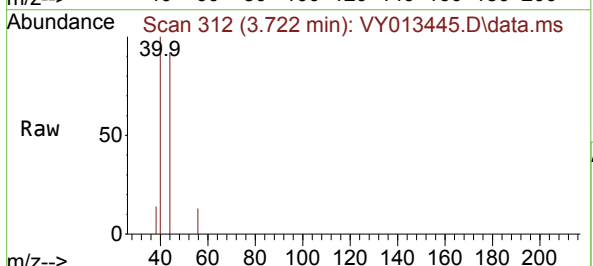
Instrument :
MSVOA_Y
ClientSampleId :
E-H4(ELEV-22)

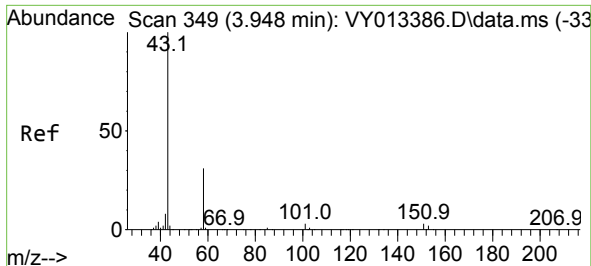
Tgt Ion:168 Resp: 169262
Ion Ratio Lower Upper
168 100
99 55.0 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.722 min Scan# 312
Delta R.T. -0.007 min
Lab File: VY013445.D
Acq: 25 Apr 2023 14:42

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

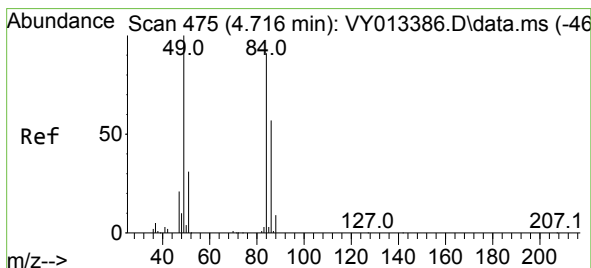
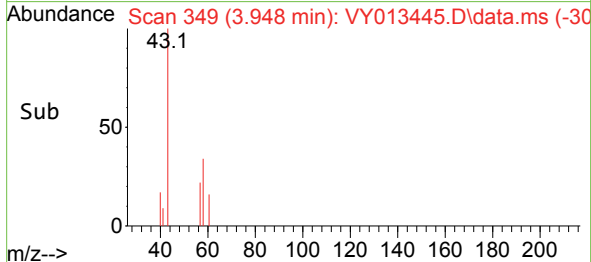
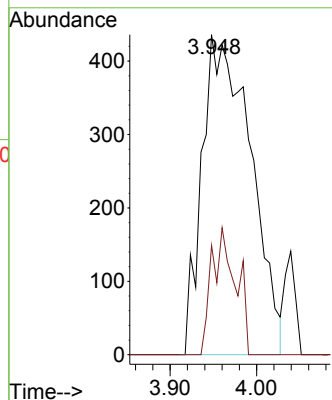
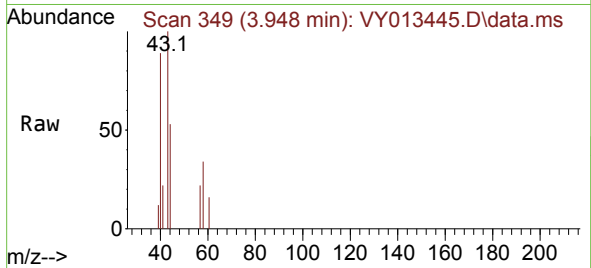




#16
Acetone
Concen: 2.325 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013445.D
Acq: 25 Apr 2023 14:42

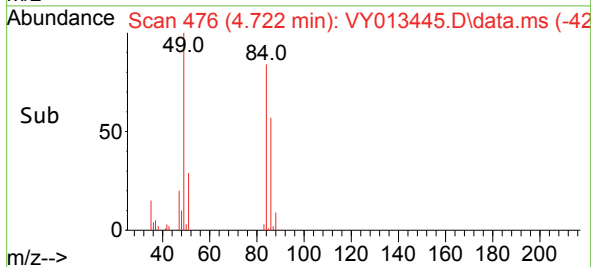
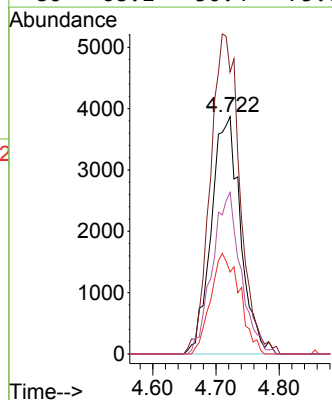
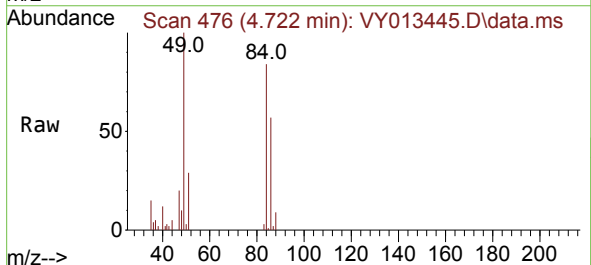
Instrument :
MSVOA_Y
ClientSampleId :
E-H4(ELEV-22)

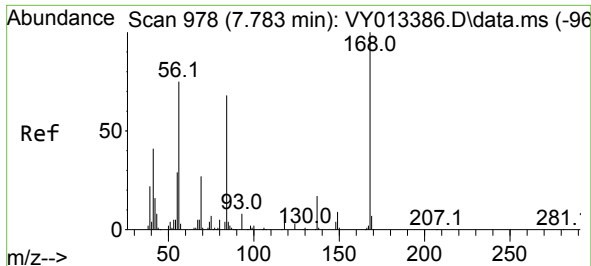
Tgt Ion: 43 Resp: 1699
Ion Ratio Lower Upper
43 100
58 34.2 25.4 38.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY013445.D
Acq: 25 Apr 2023 14:42

Tgt Ion: 84 Resp: 12391
Ion Ratio Lower Upper
84 100
49 118.8 88.0 132.0
51 34.5 27.4 41.0
86 68.1 50.4 75.6

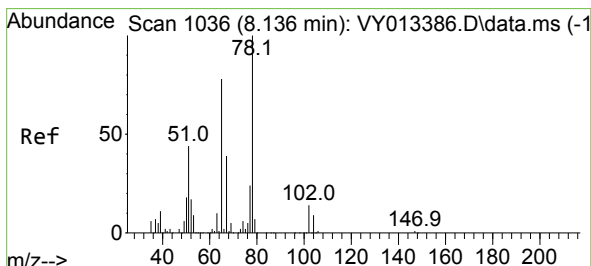
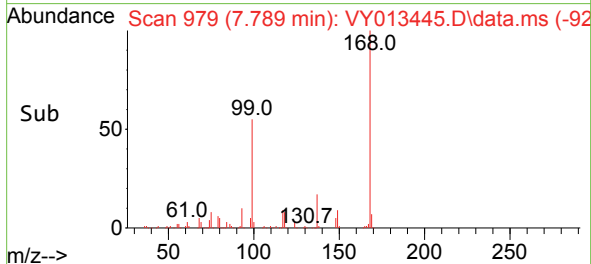
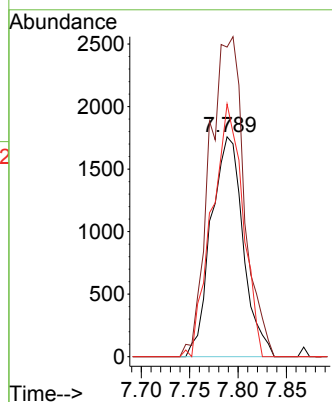
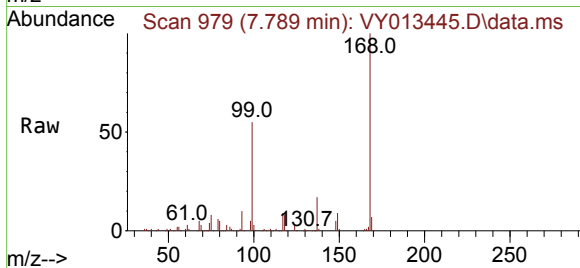




#31
Cyclohexane
Concen: 1.218 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013445.D
Acq: 25 Apr 2023 14:42

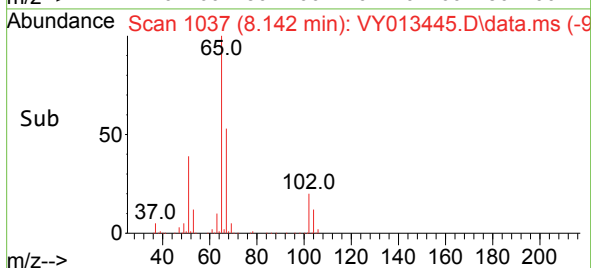
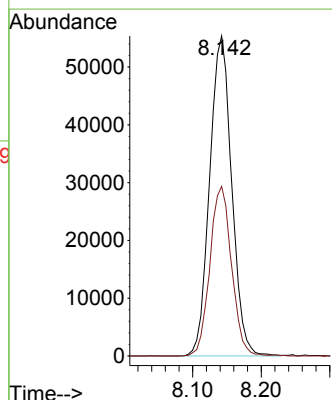
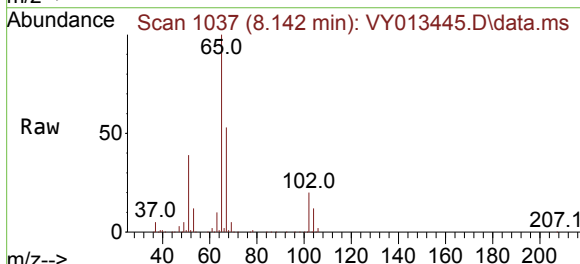
Instrument :
MSVOA_Y
ClientSampleId :
E-H4(ELEV-22)

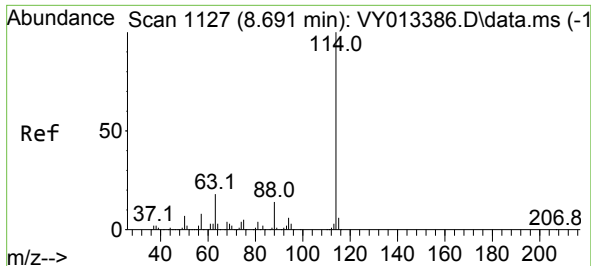
Tgt Ion: 56 Resp: 4046
Ion Ratio Lower Upper
56 100
69 140.8 29.2 43.8#
84 114.9 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 66.607 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013445.D
Acq: 25 Apr 2023 14:42

Tgt Ion: 65 Resp: 123588
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4

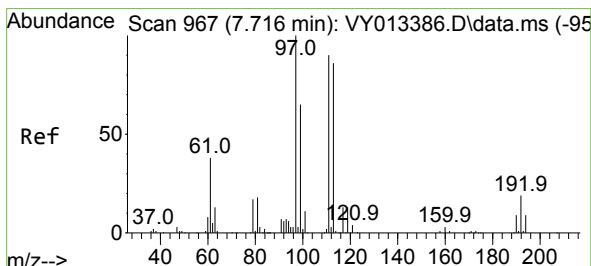
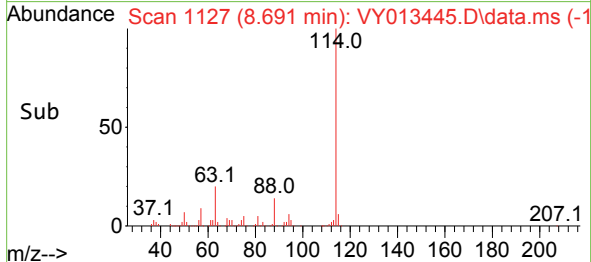
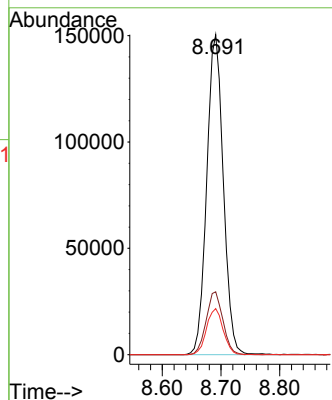
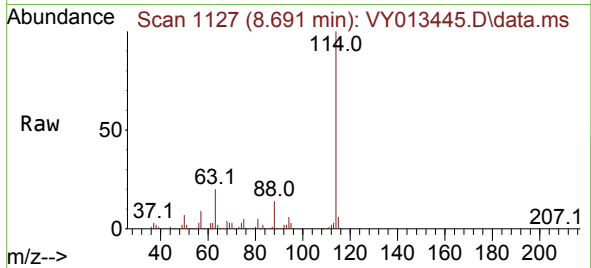




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013445.D
Acq: 25 Apr 2023 14:42

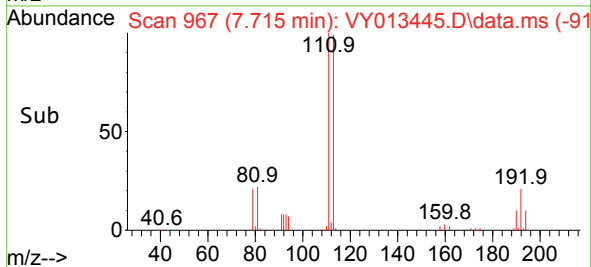
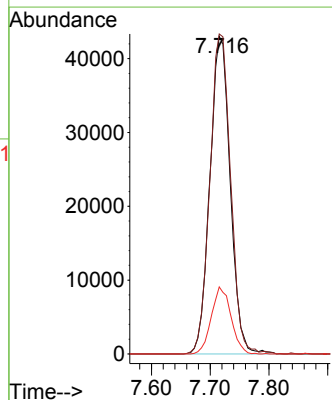
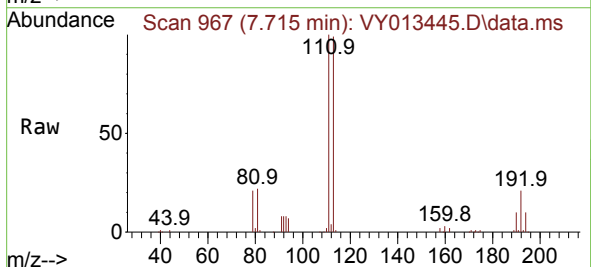
Instrument :
MSVOA_Y
ClientSampleId :
E-H4(ELEV-22)

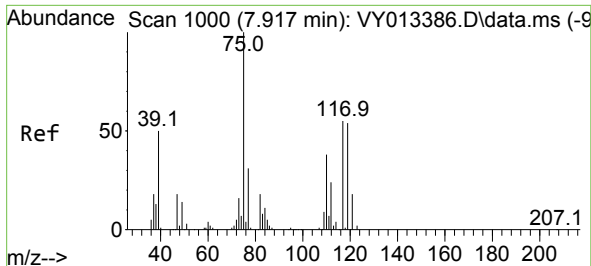
Tgt Ion:114	Resp:	294776
Ion	Ratio	Lower Upper
114	100	
63	19.7	0.0 36.6
88	14.4	0.0 28.8



#35
Dibromofluoromethane
Concen: 55.836 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY013445.D
Acq: 25 Apr 2023 14:42

Tgt Ion:113	Resp:	103520
Ion	Ratio	Lower Upper
113	100	
111	102.6	82.2 123.2
192	20.4	16.7 25.1

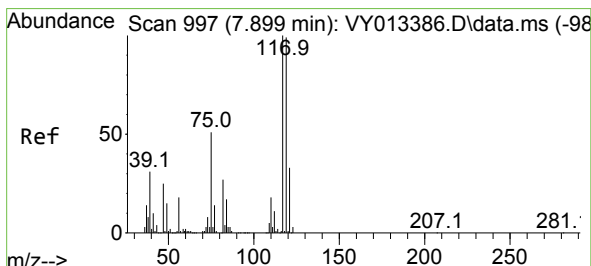
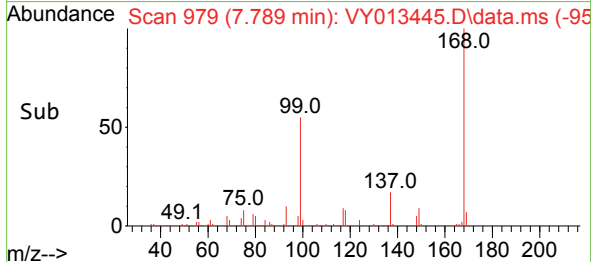
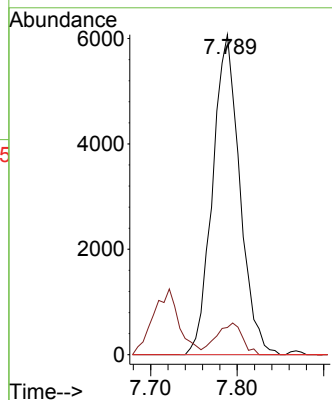
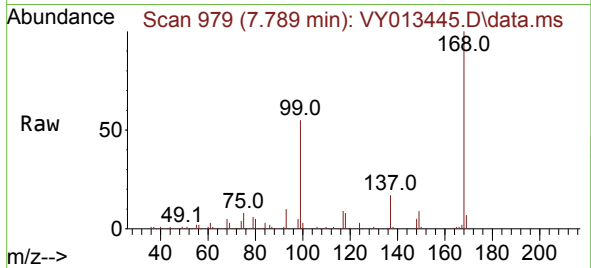




#36
 1,1-Dichloropropene
 Concen: 4.305 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY013445.D
 Acq: 25 Apr 2023 14:42

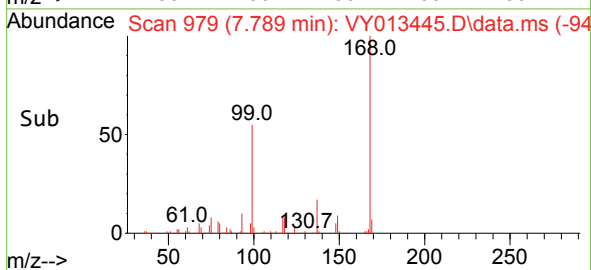
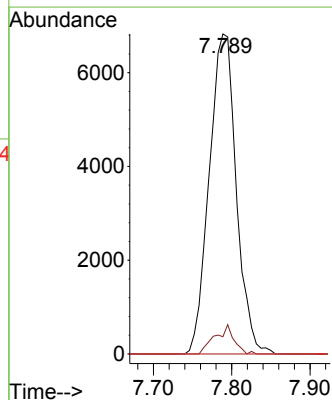
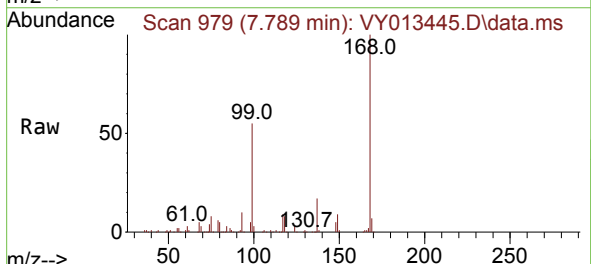
Instrument :
 MSVOA_Y
 ClientSampleId :
 E-H4(ELEV-22)

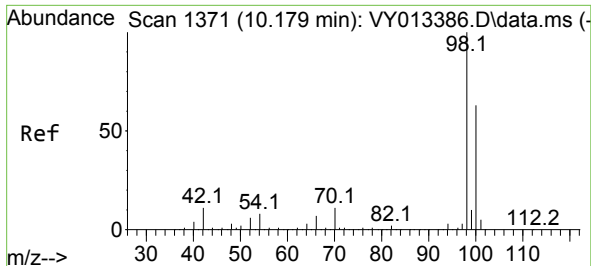
Tgt Ion: 75 Resp: 13246
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.7 56.1#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.088 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY013445.D
 Acq: 25 Apr 2023 14:42

Tgt Ion: 117 Resp: 16408
 Ion Ratio Lower Upper
 117 100
 119 5.4 79.0 118.6#
 121 0.0 26.6 40.0#

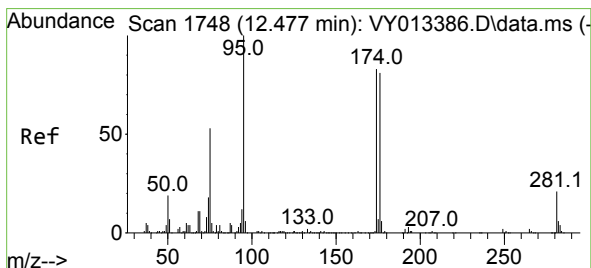
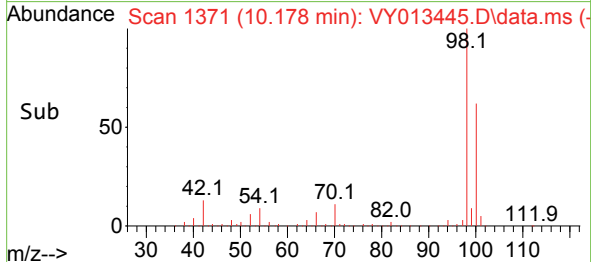
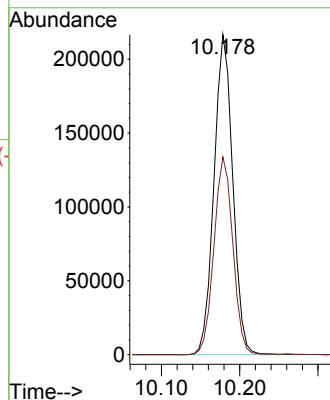
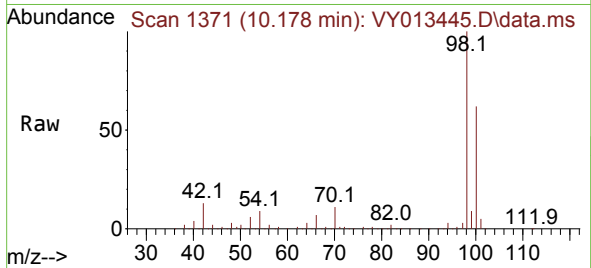




#50
Toluene-d8
Concen: 54.635 ug/l
RT: 10.178 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY013445.D
Acq: 25 Apr 2023 14:42

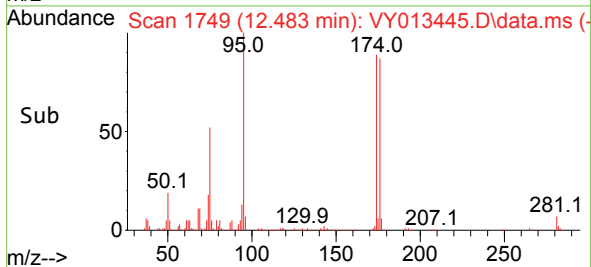
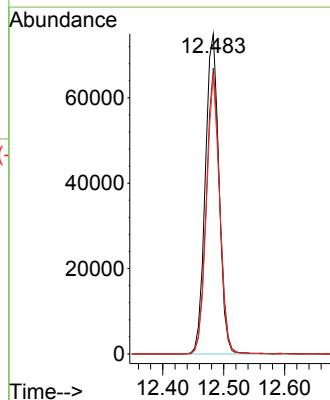
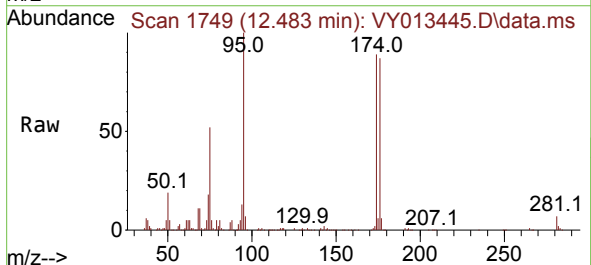
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E-H4(ELEV-22)

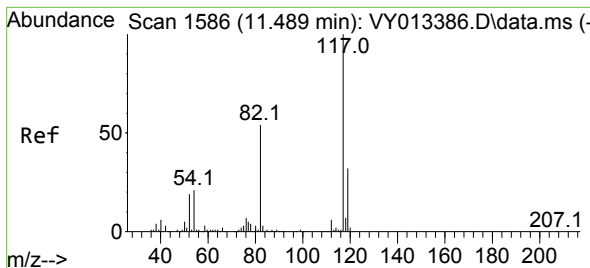
Tgt Ion: 98 Resp: 360342
Ion Ratio Lower Upper
98 100
100 62.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.530 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013445.D
Acq: 25 Apr 2023 14:42

Tgt Ion: 95 Resp: 116800
Ion Ratio Lower Upper
95 100
174 87.5 0.0 182.0
176 83.6 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013445.D

Acq: 25 Apr 2023 14:42

Instrument :

MSVOA_Y

ClientSampleId :

E-H4(ELEV-22)

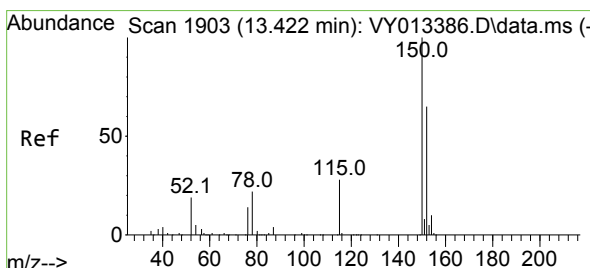
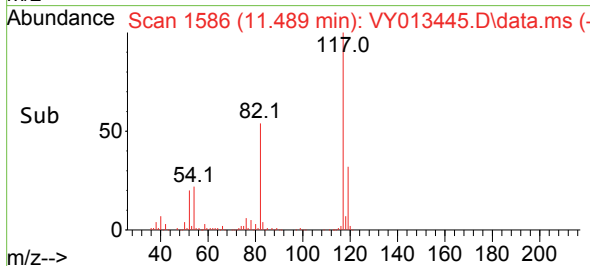
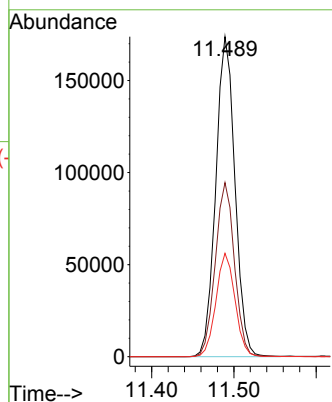
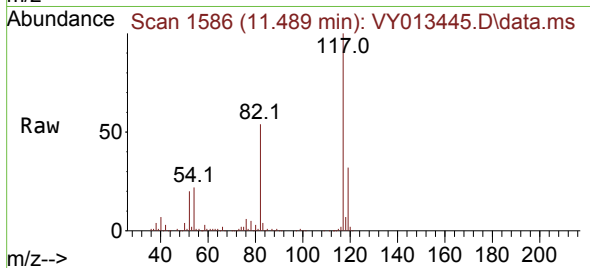
Tgt Ion:117 Resp: 282157

Ion Ratio Lower Upper

117 100

82 54.4 43.0 64.6

119 32.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013445.D

Acq: 25 Apr 2023 14:42

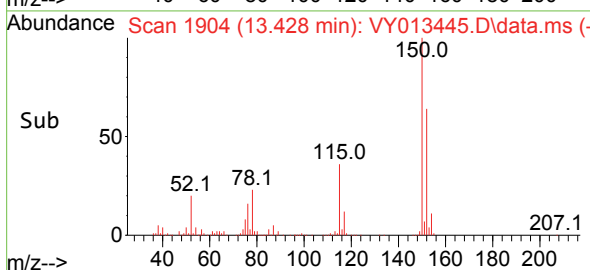
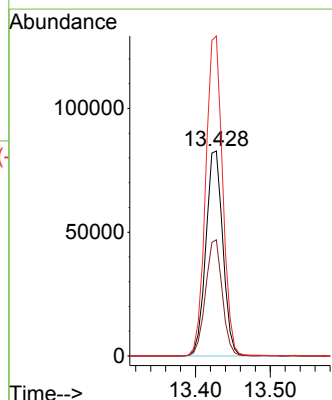
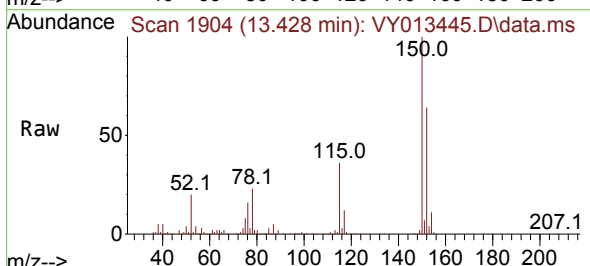
Tgt Ion:152 Resp: 130595

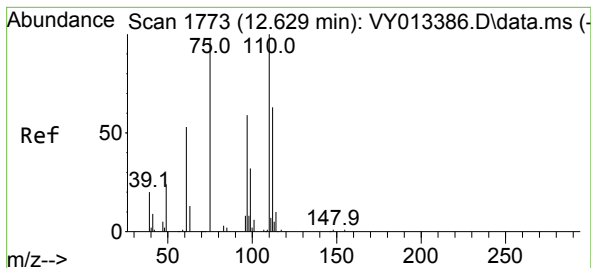
Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.2

150 155.6 0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 34.942 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY013445.D

Acq: 25 Apr 2023 14:42

Instrument :

MSVOA_Y

ClientSampleId :

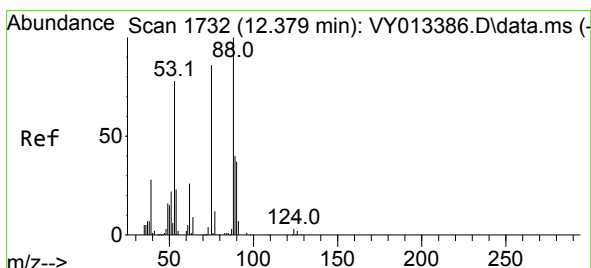
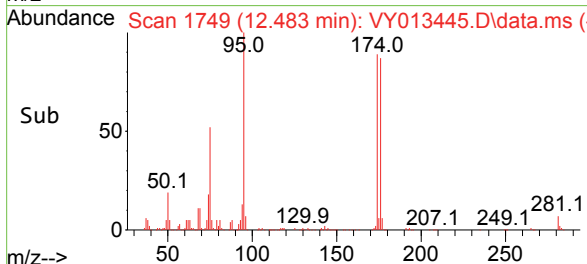
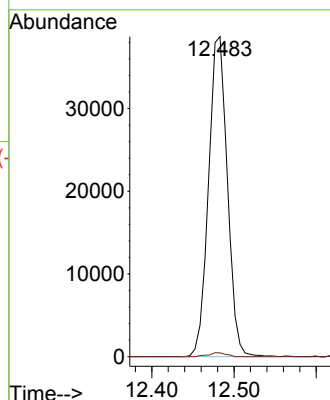
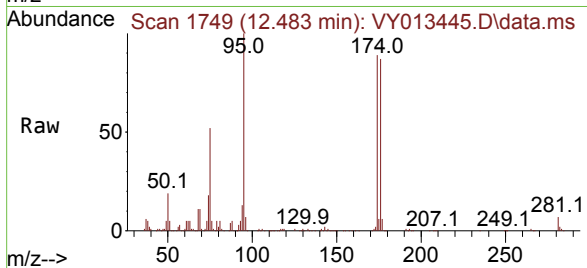
E-H4(ELEV-22)

Tgt Ion: 75 Resp: 61541

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.476 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY013445.D

Acq: 25 Apr 2023 14:42

Tgt Ion: 75 Resp: 61541

Ion Ratio Lower Upper

75 100

53 0.1 73.2 109.8#

89 0.3 38.0 57.0#

