

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032023\
 Data File : VY013014.D
 Acq On : 20 Mar 2023 17:37
 Operator : KP/MD
 Sample : 01998-07
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10TH-ST-SUBSTATION-TP2RE

Quant Time: Mar 21 01:15:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

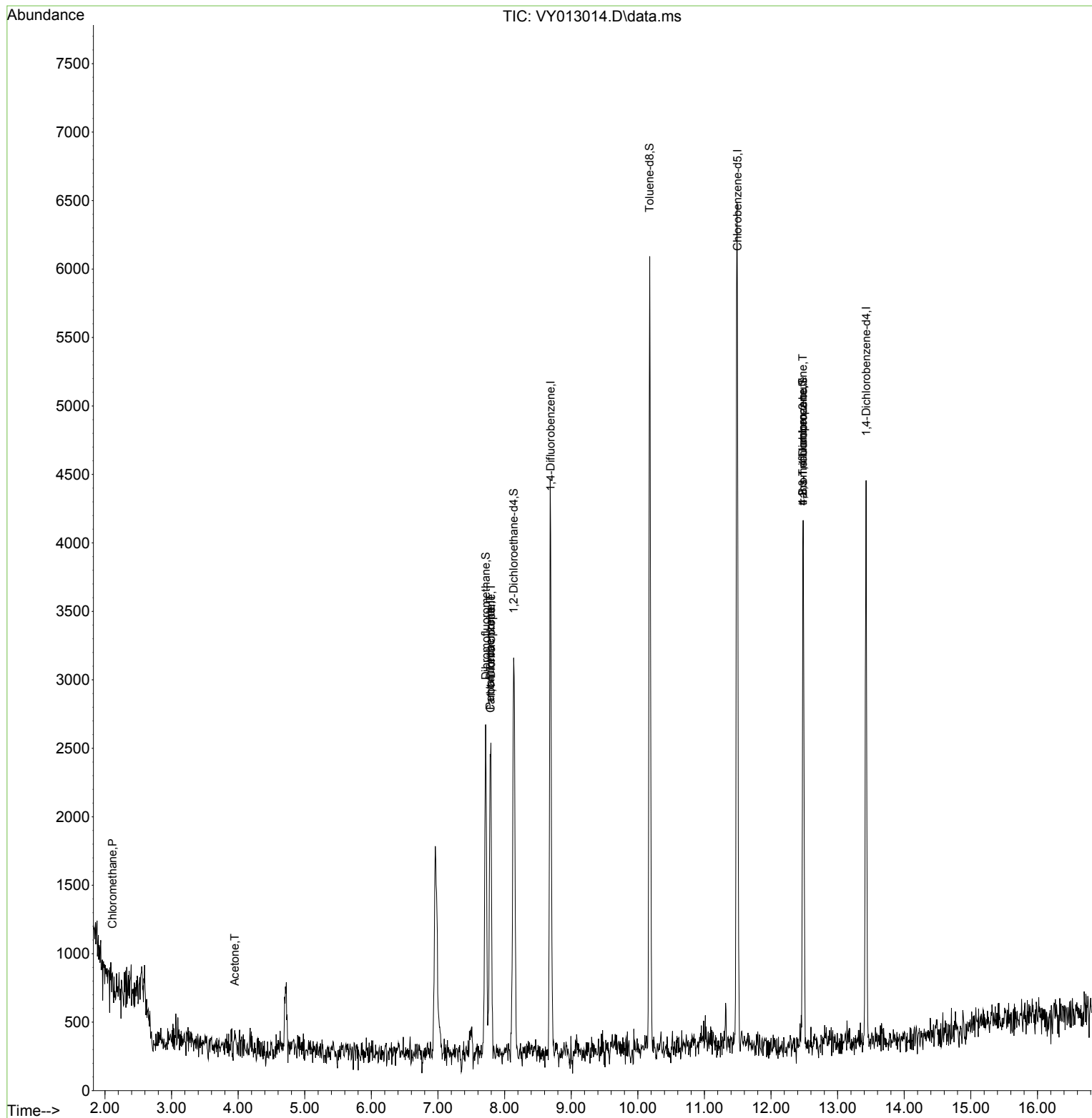
Internal Standards						
1) Pentafluorobenzene	7.783	168	2209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2386	108.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 217.580%#	
35) Dibromofluoromethane	7.716	113	1667	74.514	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 149.020%#	
50) Toluene-d8	10.179	98	3854	47.123	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.240%	
62) 4-Bromofluorobenzene	12.477	95	1161	42.058	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	95	3.650	ug/l #	42
16) Acetone	3.948	43	72	8.364	ug/l #	44
20) Methylene Chloride	4.698	84	114	Below Cal	#	28
36) 1,1-Dichloropropene	7.795	75	47	1.254	ug/l #	41
38) Carbon Tetrachloride	7.789	117	176	4.546	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	646	42.362	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	646	87.776	ug/l #	13

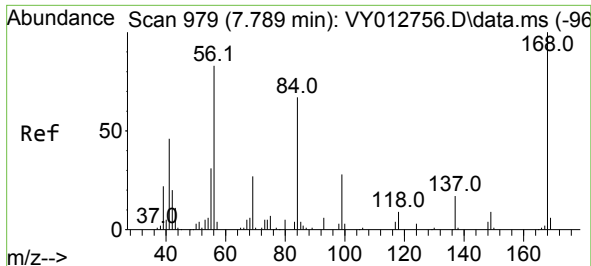
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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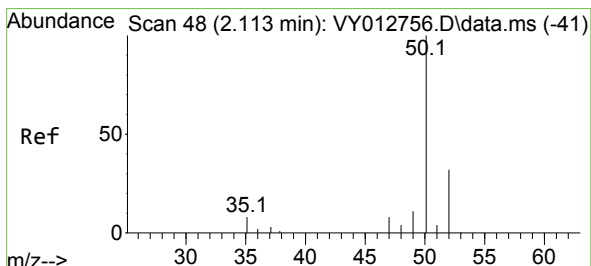
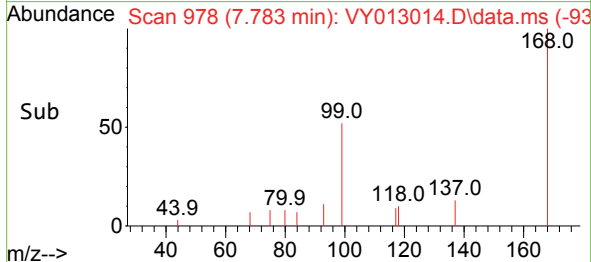
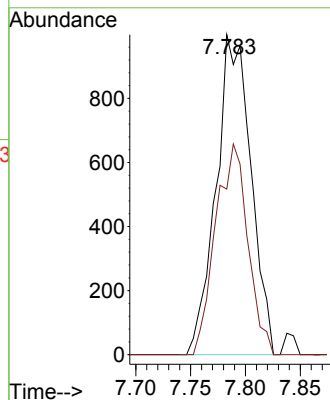
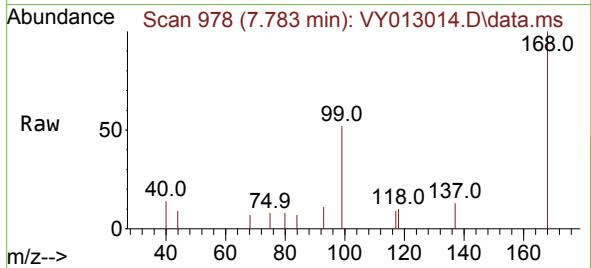




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013014.D
Acq: 20 Mar 2023 17:37

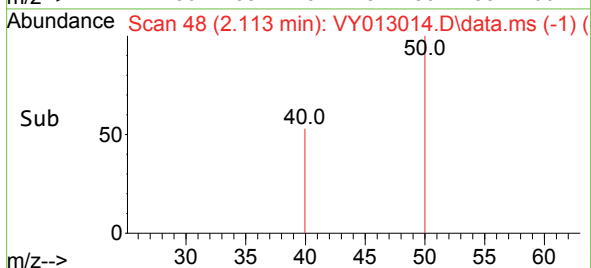
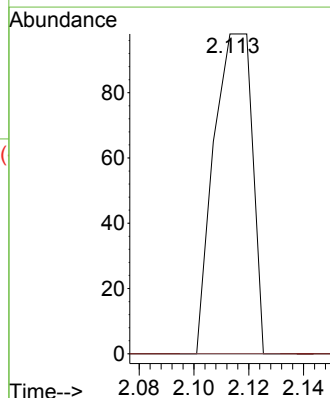
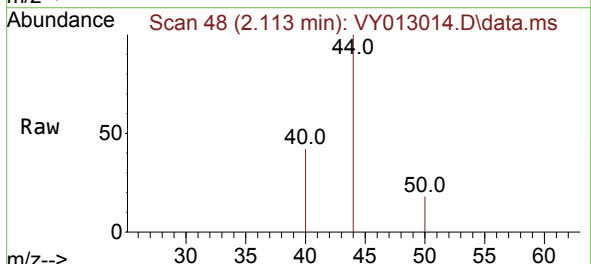
Instrument :
MSVOA_Y
ClientSampleId :
10TH-ST-SUBSTATION-TP2RE

Tgt Ion:168 Resp: 2209
Ion Ratio Lower Upper
168 100
99 51.8 41.7 62.5



#3
Chloromethane
Concen: 3.650 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY013014.D
Acq: 20 Mar 2023 17:37

Tgt Ion: 50 Resp: 95
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#





#16

Acetone

Concen: 8.364 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY013014.D

Acq: 20 Mar 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

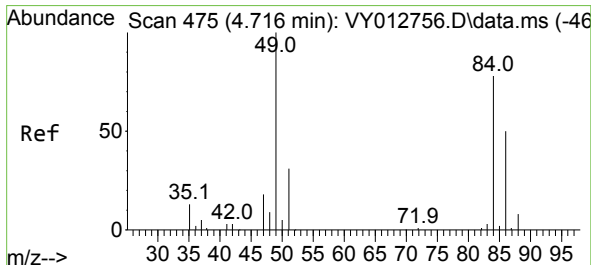
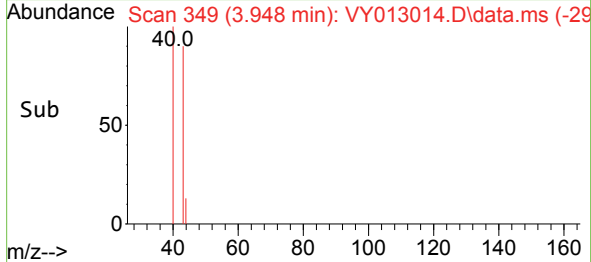
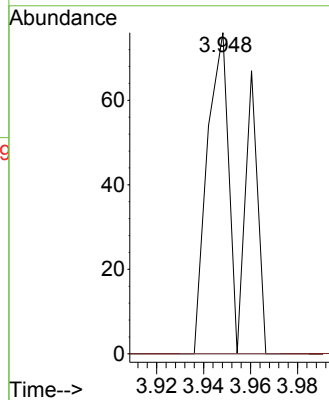
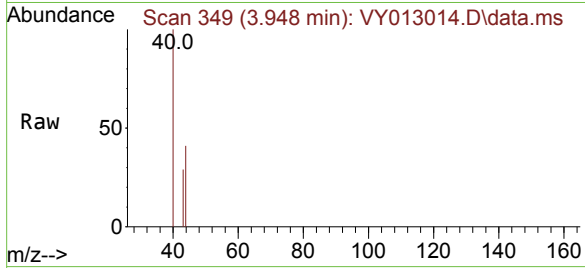
10TH-ST-SUBSTATION-TP2RE

Tgt Ion: 43 Resp: 72

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.698 min Scan# 472

Delta R.T. -0.018 min

Lab File: VY013014.D

Acq: 20 Mar 2023 17:37

Tgt Ion: 84 Resp: 114

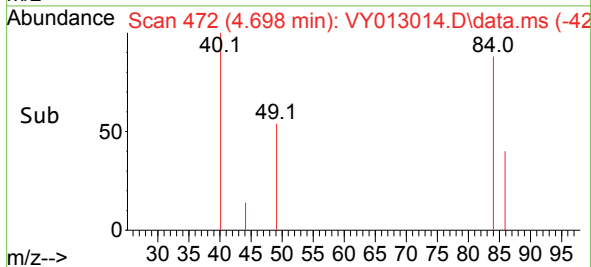
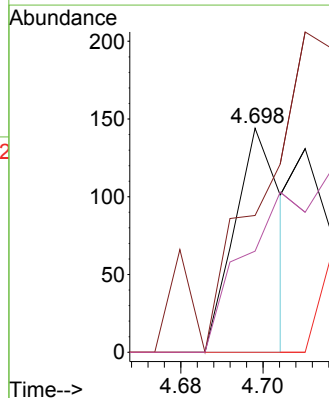
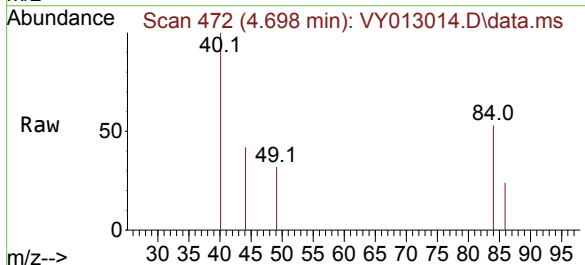
Ion Ratio Lower Upper

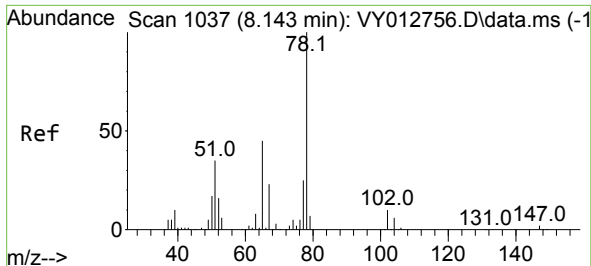
84 100

49 15.3 102.6 154.0#

51 0.0 31.9 47.9#

86 45.1 51.0 76.6#

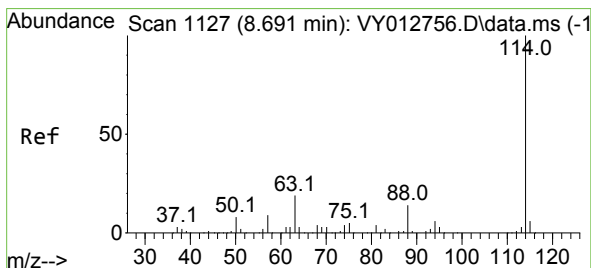
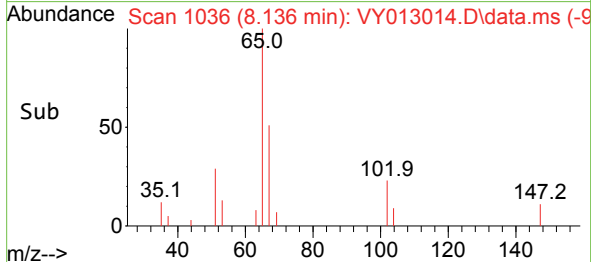
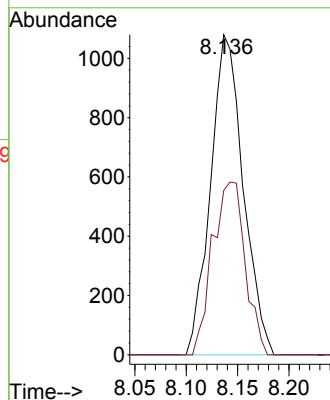
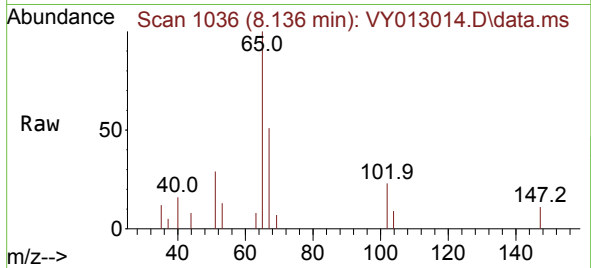




#33
 1,2-Dichloroethane-d4
 Concen: 108.788 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY013014.D
 Acq: 20 Mar 2023 17:37

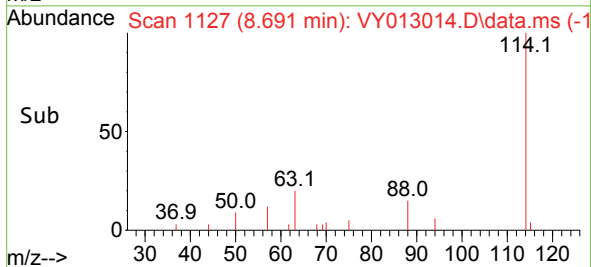
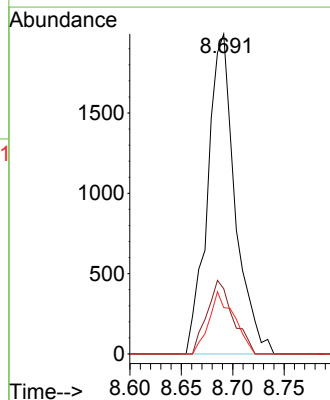
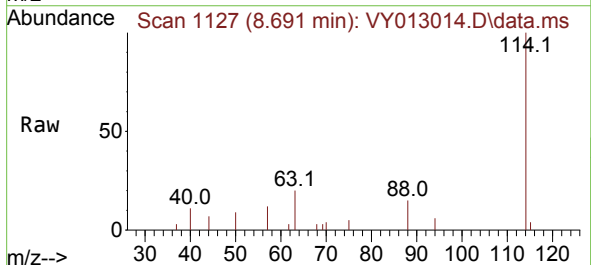
Instrument :
 MSVOA_Y
 ClientSampleId :
 10TH-ST-SUBSTATION-TP2RE

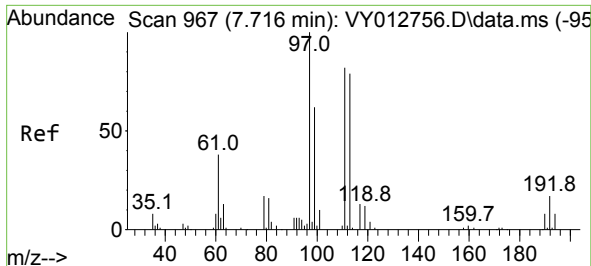
Tgt Ion: 65 Resp: 2386
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY013014.D
 Acq: 20 Mar 2023 17:37

Tgt Ion: 114 Resp: 3707
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 37.4
 88 14.5 0.0 28.6

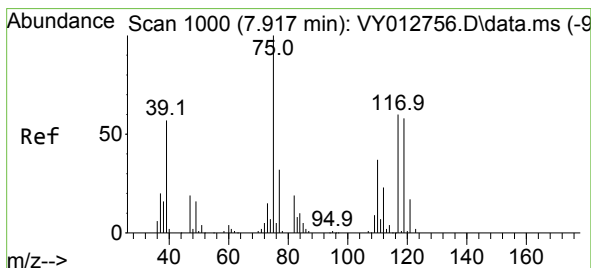
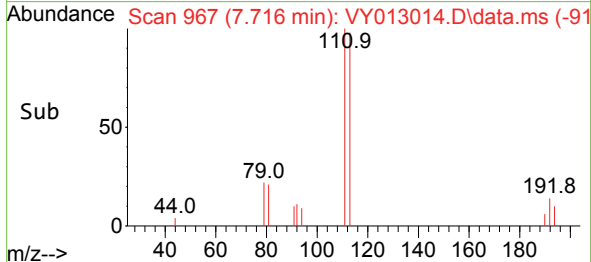
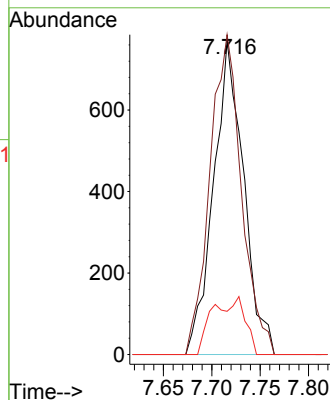
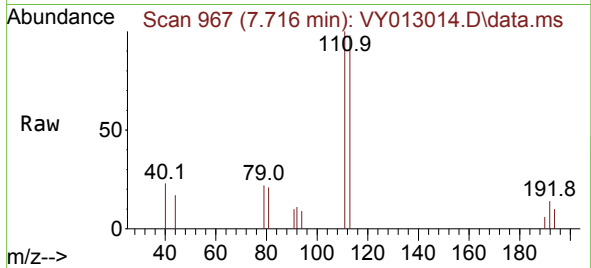




#35
Dibromofluoromethane
Concen: 74.514 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013014.D
Acq: 20 Mar 2023 17:37

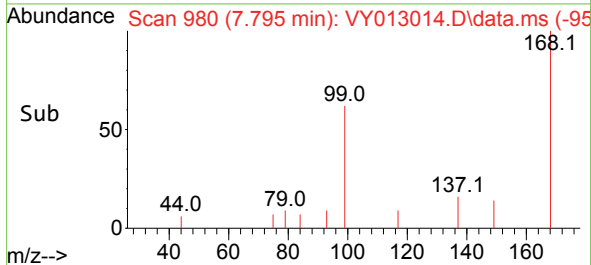
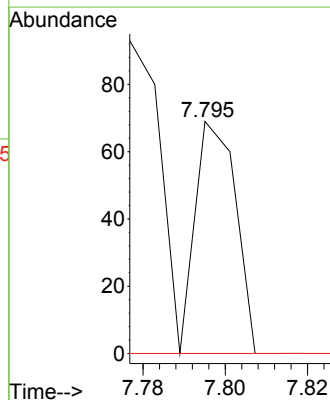
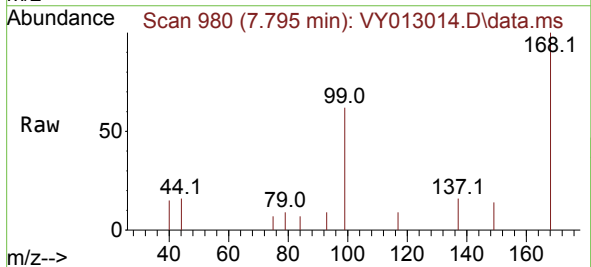
Instrument :
MSVOA_Y
ClientSampleId :
10TH-ST-SUBSTATION-TP2RE

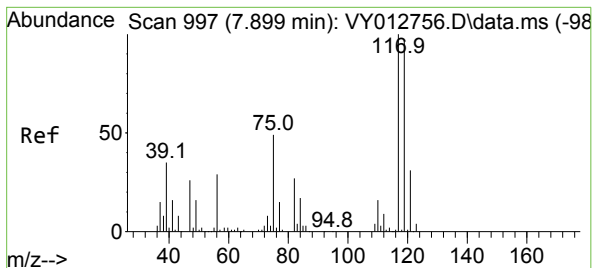
Tgt Ion:113 Resp: 1667
Ion Ratio Lower Upper
113 100
111 107.0 82.2 123.2
192 11.0 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 1.254 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY013014.D
Acq: 20 Mar 2023 17:37

Tgt Ion: 75 Resp: 47
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.546 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY013014.D

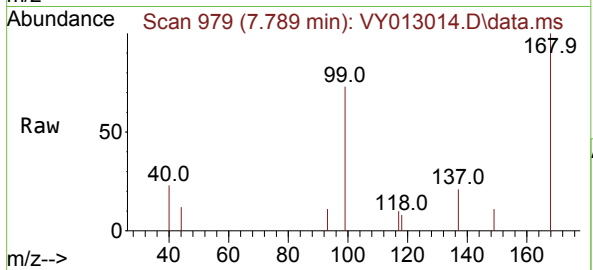
Acq: 20 Mar 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

10TH-ST-SUBSTATION-TP2RE



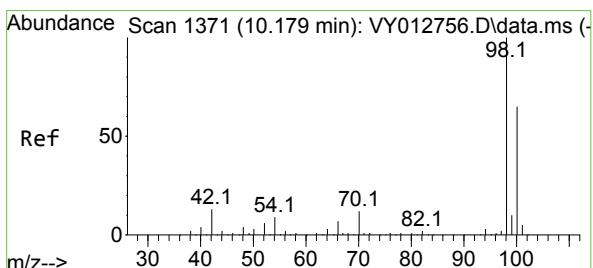
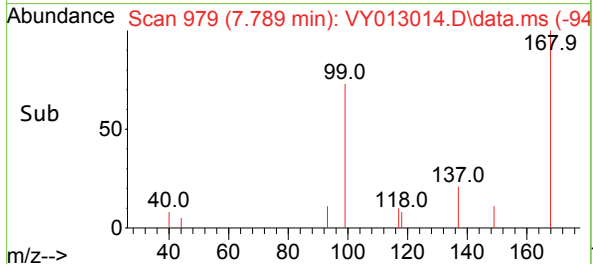
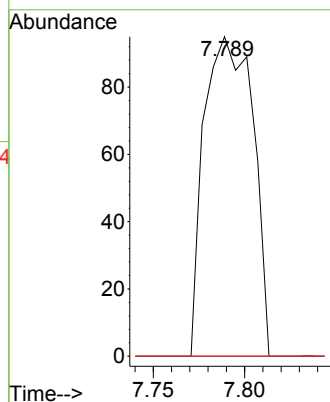
Tgt Ion:117 Resp: 176

Ion Ratio Lower Upper

117 100

119 0.0 77.2 115.8#

121 0.0 24.7 37.1#



#50

Toluene-d8

Concen: 47.123 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013014.D

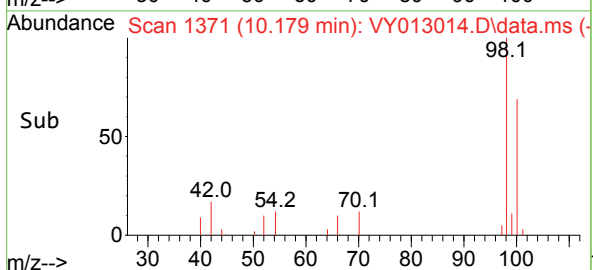
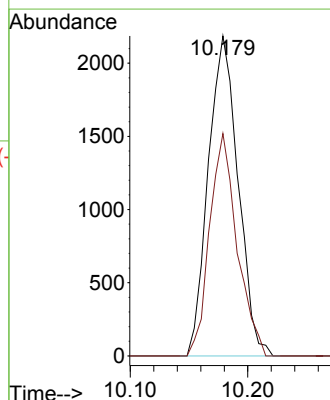
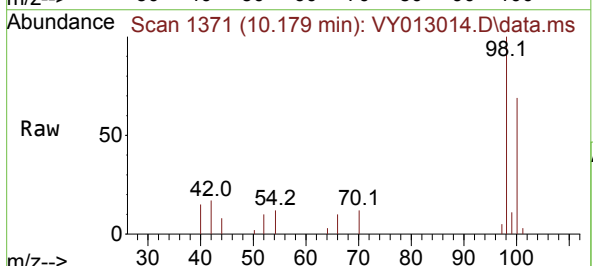
Acq: 20 Mar 2023 17:37

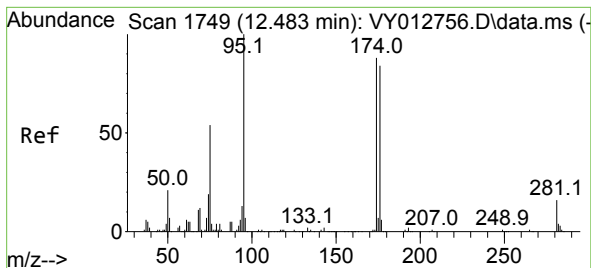
Tgt Ion: 98 Resp: 3854

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3

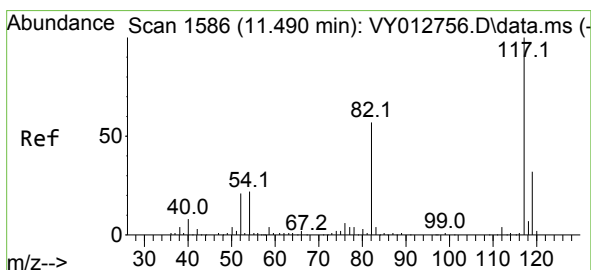
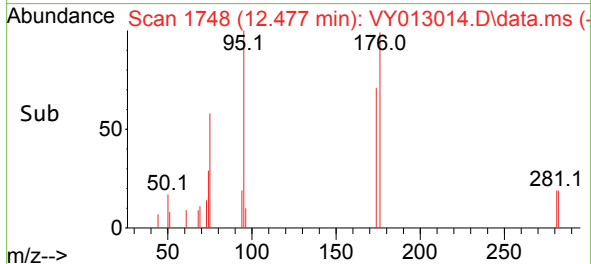
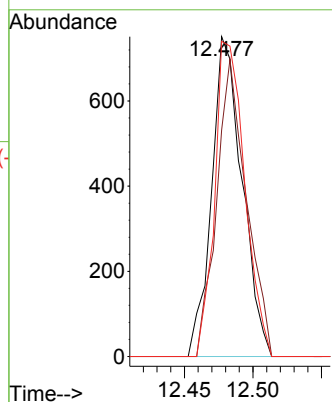
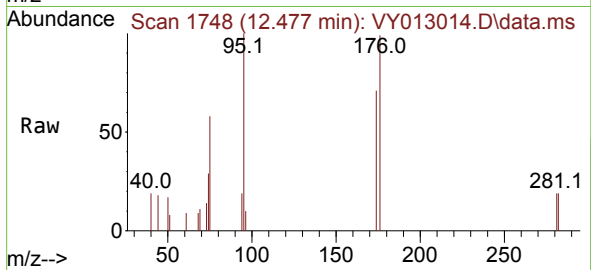




#62
4-Bromofluorobenzene
Concen: 42.058 ug/l
RT: 12.477 min Scan# 1161
Delta R.T. -0.006 min
Lab File: VY013014.D
Acq: 20 Mar 2023 17:37

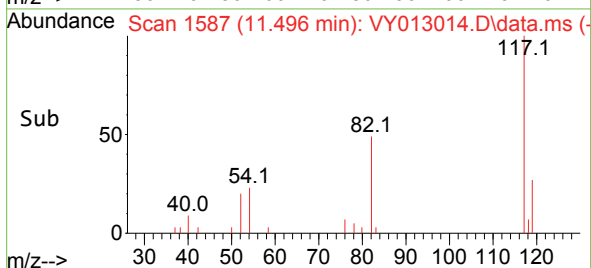
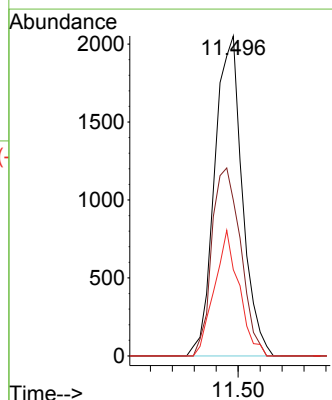
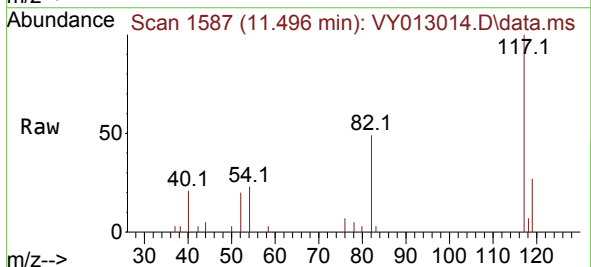
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10TH-ST-SUBSTATION-TP2RE

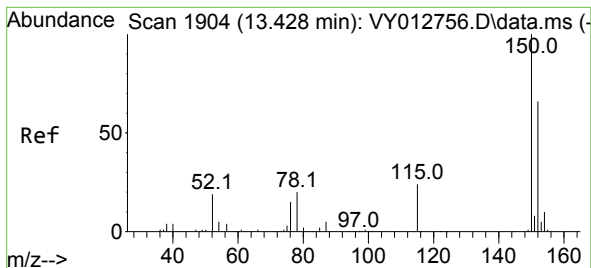
Tgt Ion:	95	Resp:	1161
Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	176.6
176	97.2	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY013014.D
Acq: 20 Mar 2023 17:37

Tgt Ion:	117	Resp:	3589
Ion	Ratio	Lower	Upper
117	100		
82	48.6	45.4	68.0
119	26.9	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013014.D

Acq: 20 Mar 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

10TH-ST-SUBSTATION-TP2RE

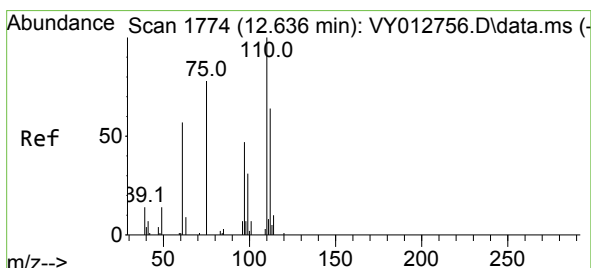
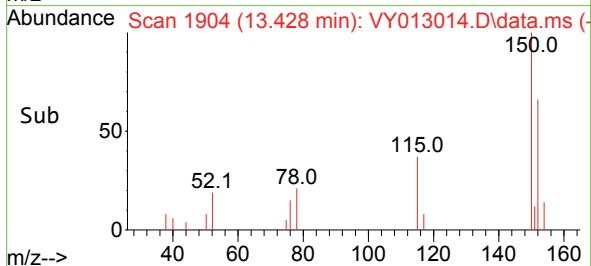
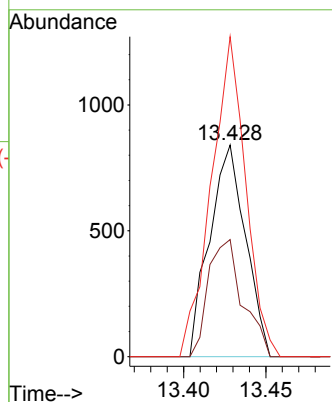
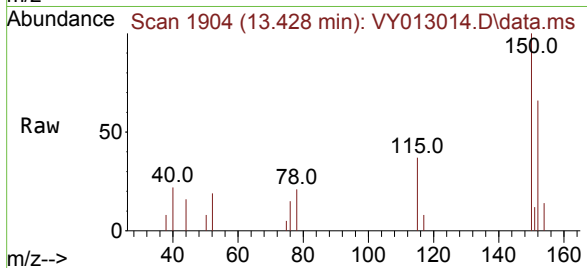
Tgt Ion:152 Resp: 1277

Ion Ratio Lower Upper

152 100

115 52.9 27.1 81.3

150 144.6 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 42.362 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY013014.D

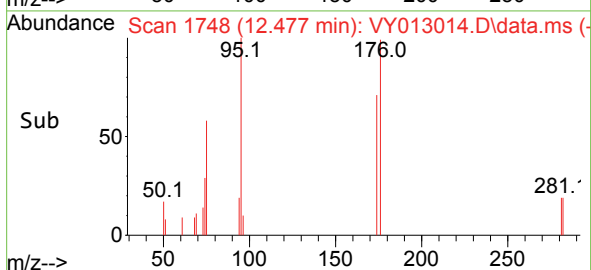
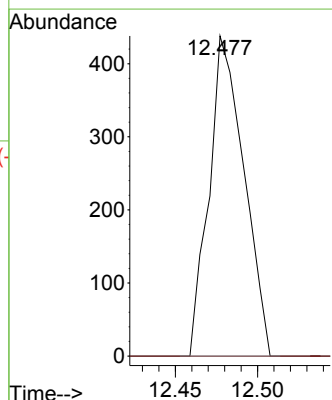
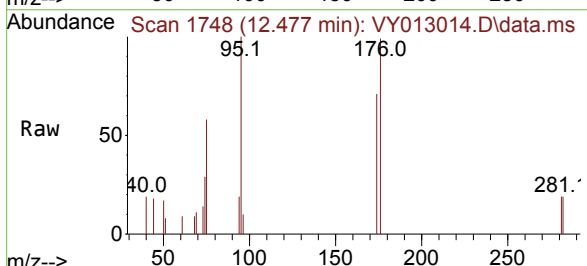
Acq: 20 Mar 2023 17:37

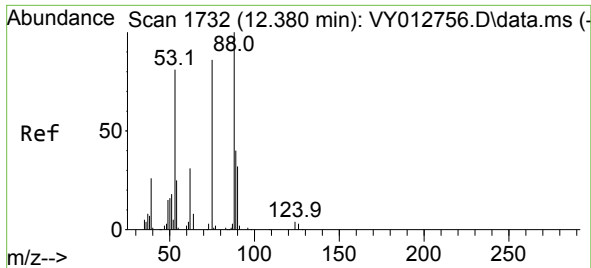
Tgt Ion: 75 Resp: 646

Ion Ratio Lower Upper

75 100

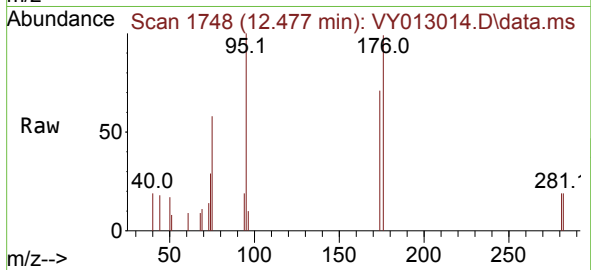
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.776 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013014.D
 Acq: 20 Mar 2023 17:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 10TH-ST-SUBSTATION-TP2RE



Tgt Ion: 75 Resp: 646
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

