

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013432.D
 Acq On : 25 Apr 2023 06:35
 Operator : KP/MD
 Sample : 02423-14
 Misc : 3.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPE-2WC-23-04-18

Quant Time: Apr 25 07:17:59 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)

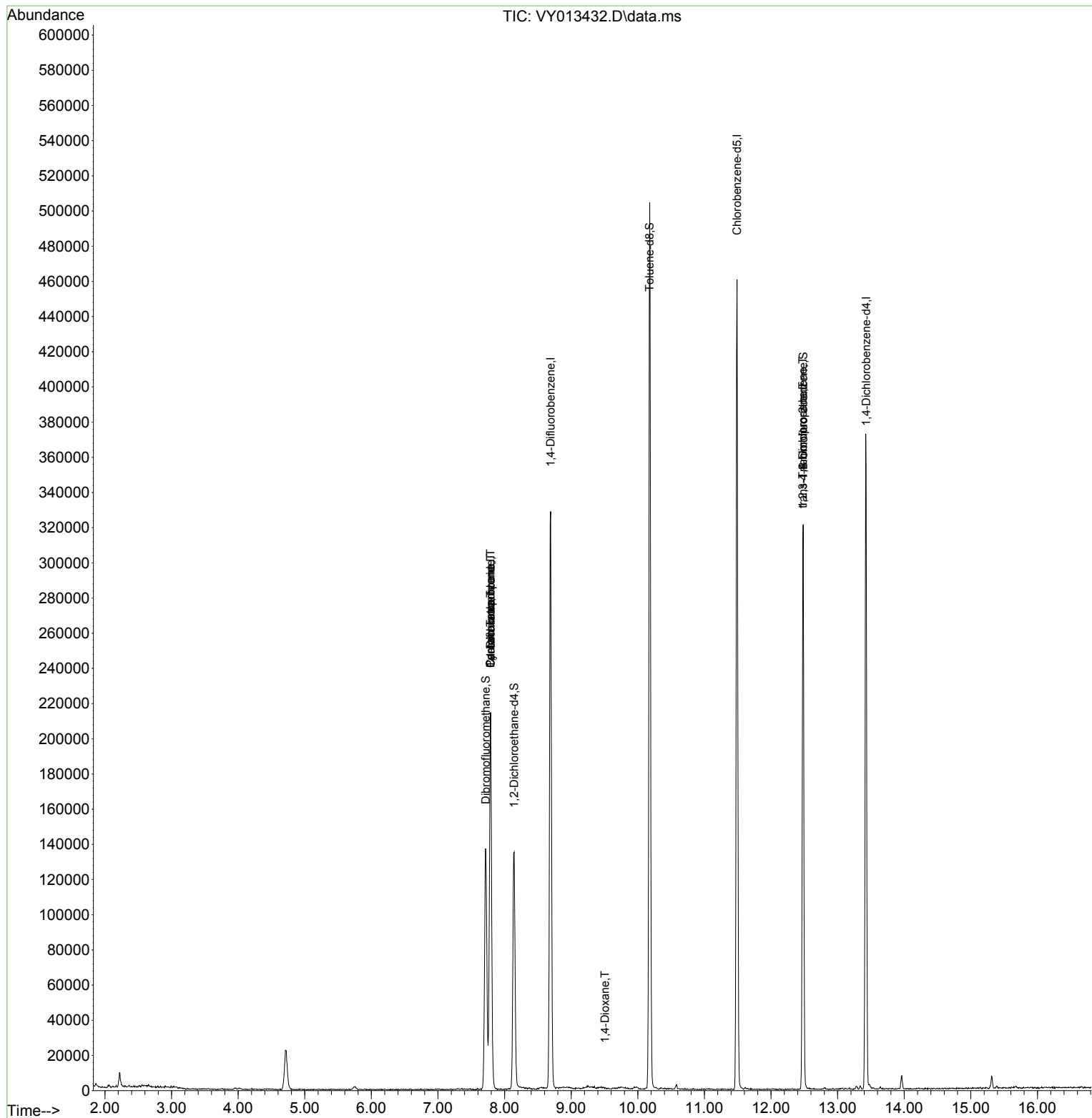
Internal Standards						
1) Pentafluorobenzene	7.789	168	161342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	276330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	110259	62.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.680%	
35) Dibromofluoromethane	7.716	113	96235	55.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.740%	
50) Toluene-d8	10.179	98	333526	53.945	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.880%	
62) 4-Bromofluorobenzene	12.483	95	93550	44.882	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.760%	
Target Compounds						
					Qvalue	
13) Acrolein	3.747	56	76	Below Cal	#	16
20) Methylene Chloride	4.716	84	16599	Below Cal		94
31) Cyclohexane	7.789	56	3866	1.221	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	13113	4.546	ug/l #	50
38) Carbon Tetrachloride	7.789	117	16224	5.366	ug/l #	15
49) 1,4-Dioxane	9.508	88	20	1.102	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	48465	36.924	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	48465	75.530	ug/l #	13

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

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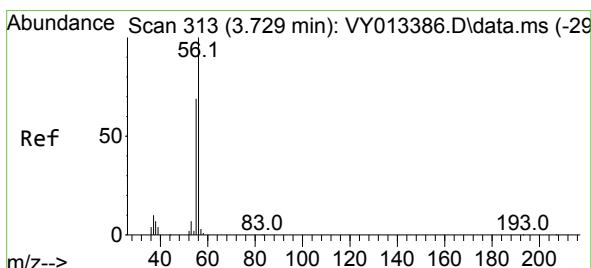
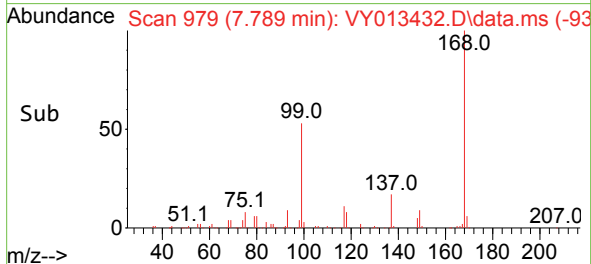
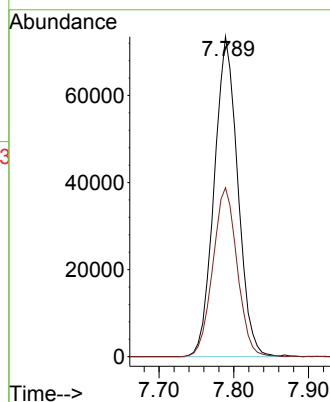
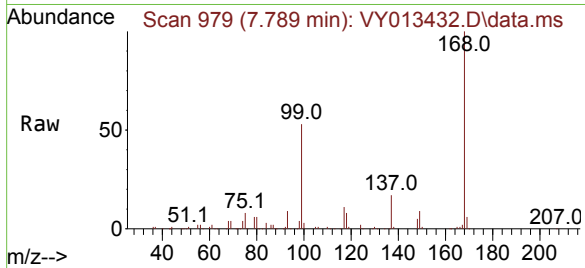




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013432.D
Acq: 25 Apr 2023 06:35

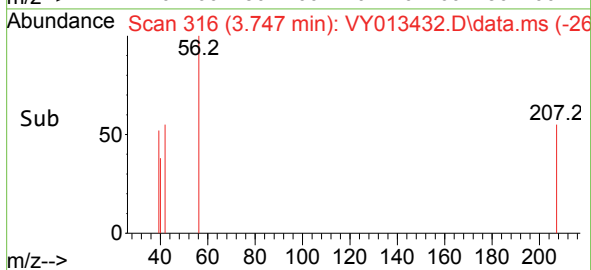
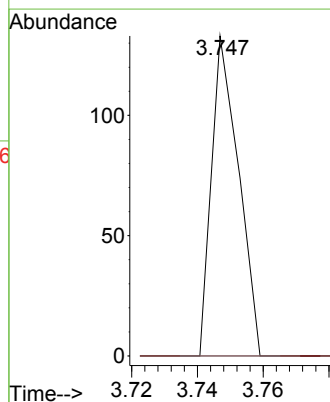
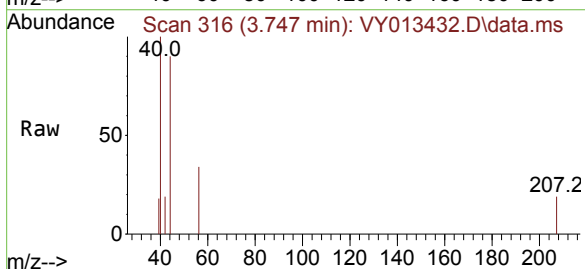
Instrument :
MSVOA_Y
ClientSampleId :
SPE-2WC-23-04-18

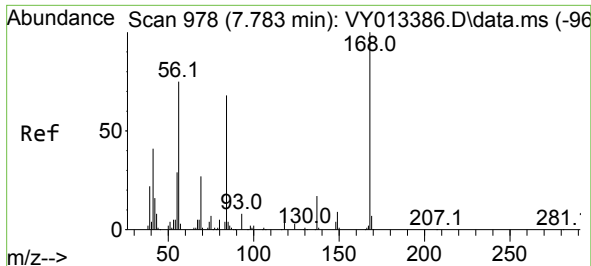
Tgt Ion:168 Resp: 161342
Ion Ratio Lower Upper
168 100
99 52.8 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.018 min
Lab File: VY013432.D
Acq: 25 Apr 2023 06:35

Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

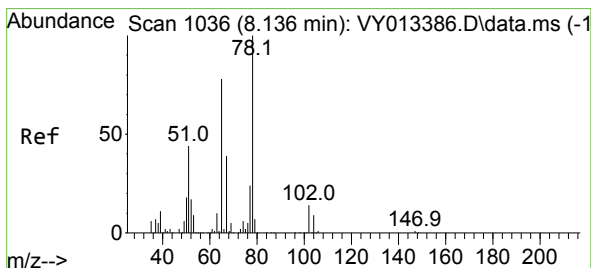
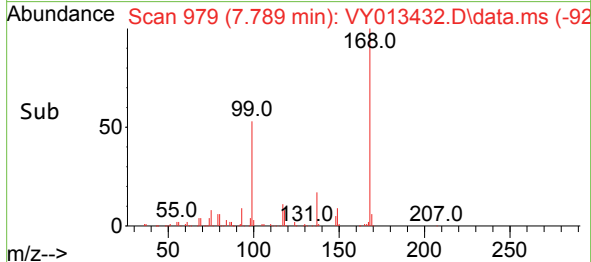
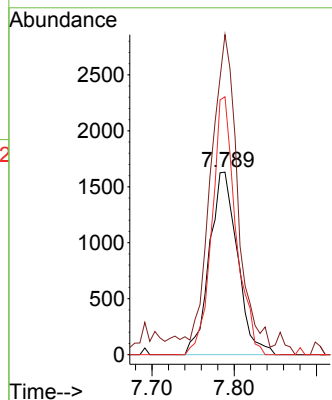
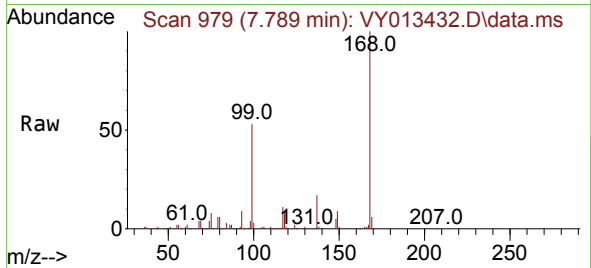




#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013432.D
Acq: 25 Apr 2023 06:35

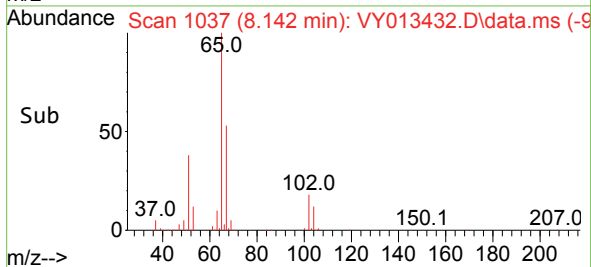
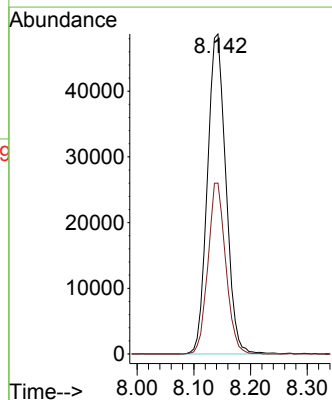
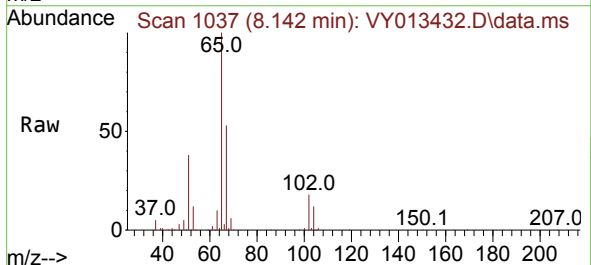
Instrument :
MSVOA_Y
ClientSampleId :
SPE-2WC-23-04-18

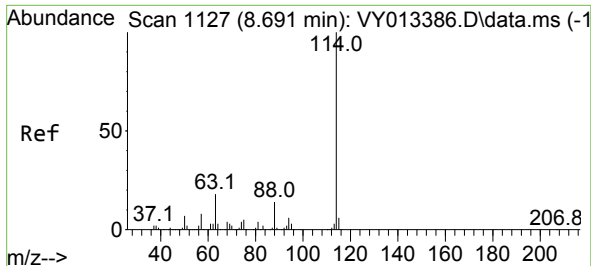
Tgt Ion: 56 Resp: 3866
Ion Ratio Lower Upper
56 100
69 167.0 29.2 43.8#
84 141.3 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 62.340 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013432.D
Acq: 25 Apr 2023 06:35

Tgt Ion: 65 Resp: 110259
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4

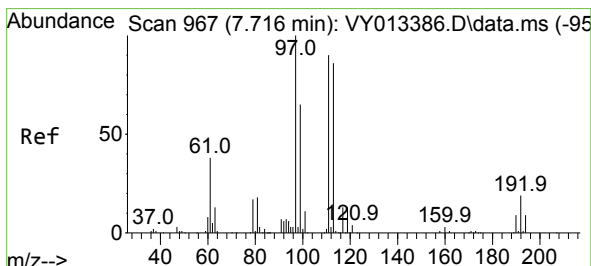
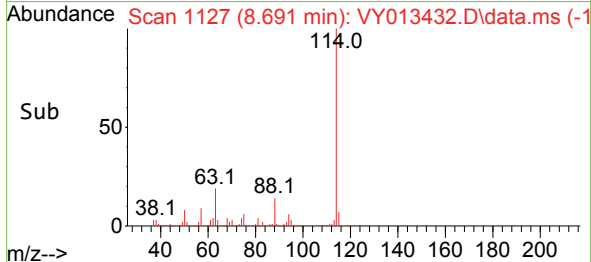
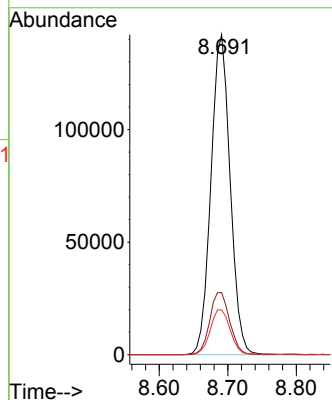
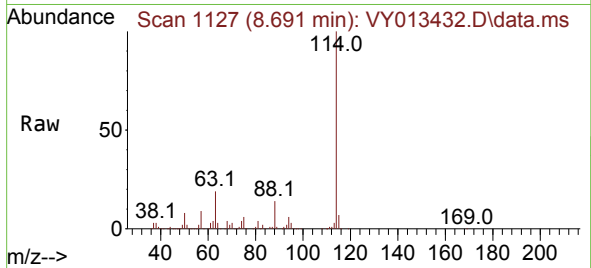




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013432.D
Acq: 25 Apr 2023 06:35

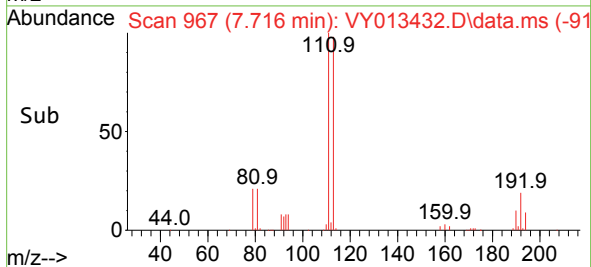
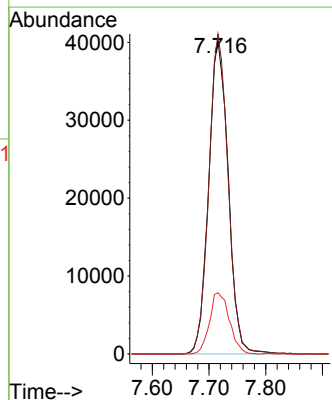
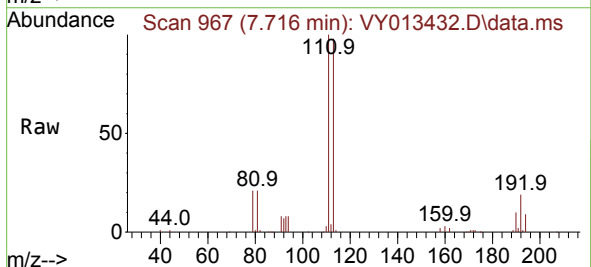
Instrument :
MSVOA_Y
ClientSampleId :
SPE-2WC-23-04-18

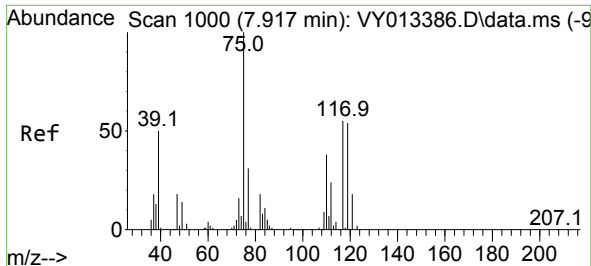
Tgt Ion:114 Resp: 276330
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.6
88 14.0 0.0 28.8



#35
Dibromofluoromethane
Concen: 55.371 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013432.D
Acq: 25 Apr 2023 06:35

Tgt Ion:113 Resp: 96235
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.2
192 19.8 16.7 25.1

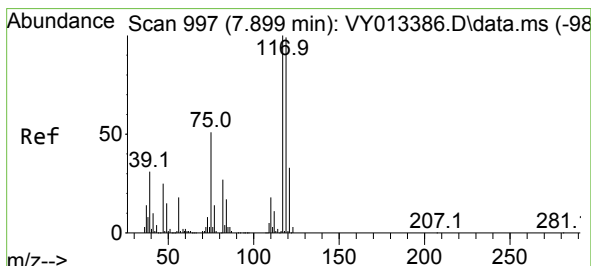
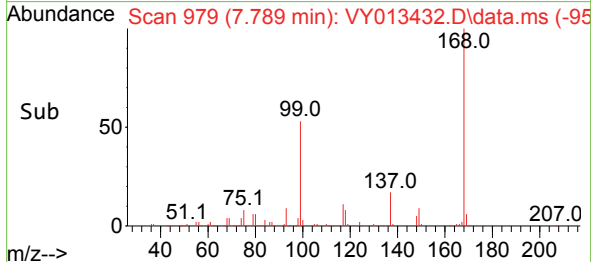
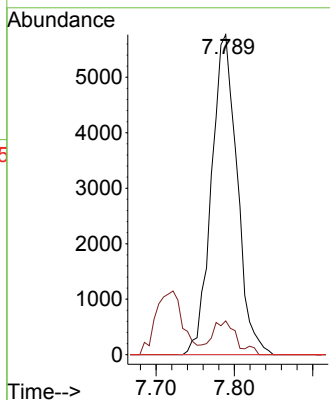
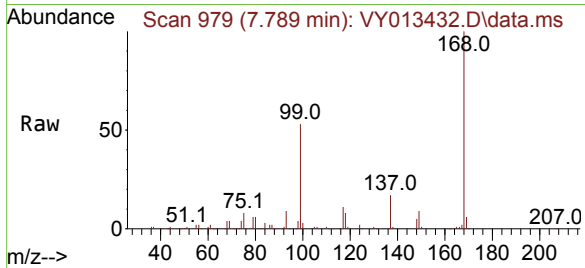




#36
1,1-Dichloropropene
Concen: 4.546 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013432.D
Acq: 25 Apr 2023 06:35

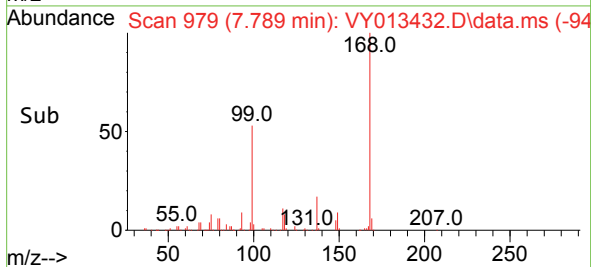
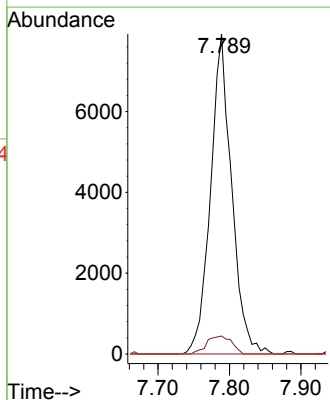
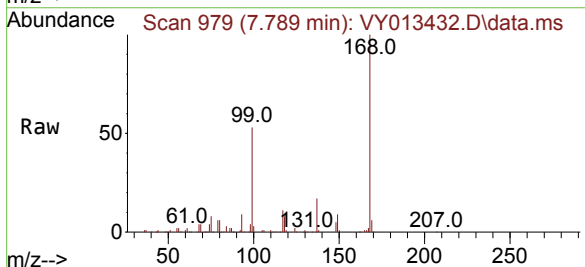
Instrument :
MSVOA_Y
ClientSampleId :
SPE-2WC-23-04-18

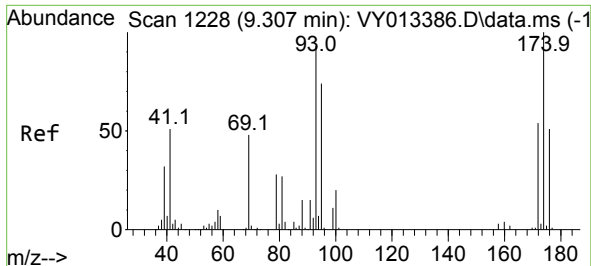
Tgt Ion: 75 Resp: 13113
Ion Ratio Lower Upper
75 100
110 10.1 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.366 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013432.D
Acq: 25 Apr 2023 06:35

Tgt Ion: 117 Resp: 16224
Ion Ratio Lower Upper
117 100
119 5.6 79.0 118.6#
121 0.0 26.6 40.0#





#49

1,4-Dioxane

Concen: 1.102 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. 0.201 min

Lab File: VY013432.D

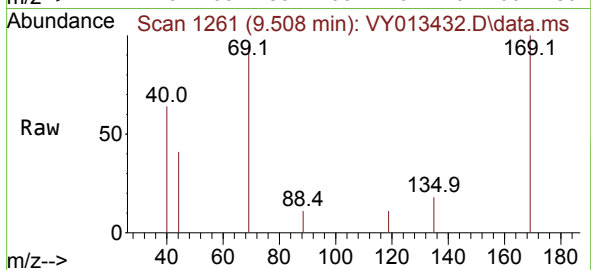
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Instrument :

MSVOA_Y

ClientSampleId :

SPE-2WC-23-04-18



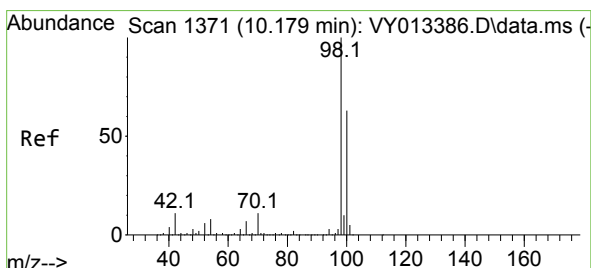
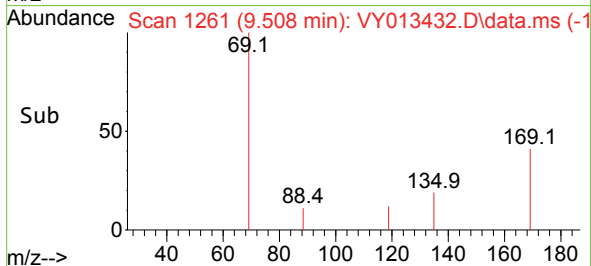
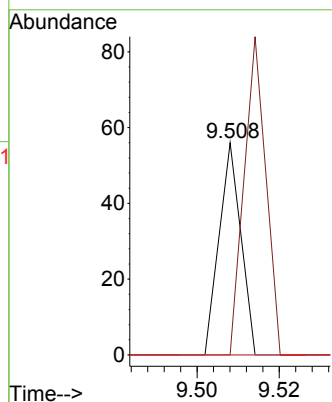
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 155.0 16.8 25.2#

58 0.0 54.3 81.5#



#50

Toluene-d8

Concen: 53.945 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013432.D

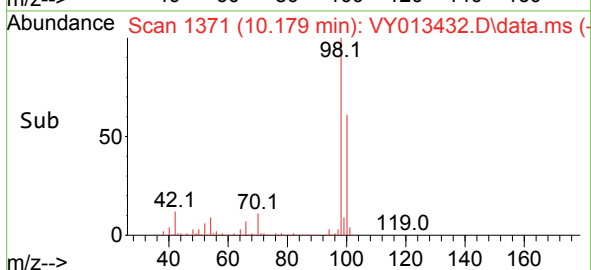
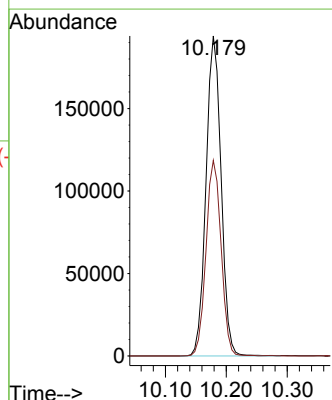
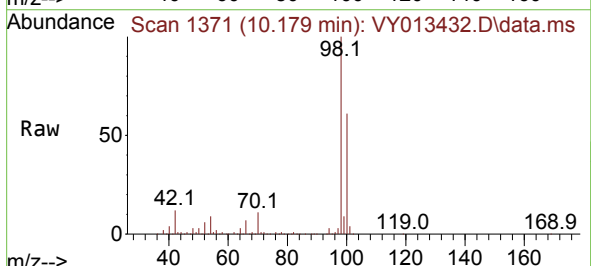
Acq: 25 Apr 2023 06:35

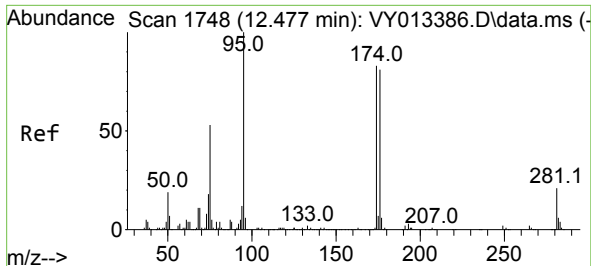
Tgt Ion: 98 Resp: 333526

Ion Ratio Lower Upper

98 100

100 61.1 50.5 75.7

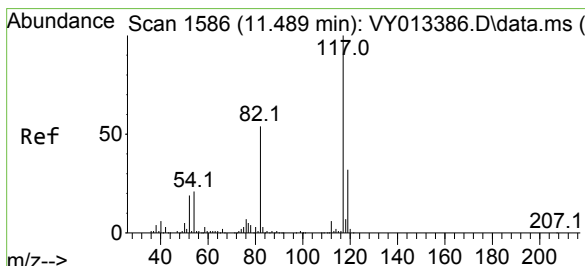
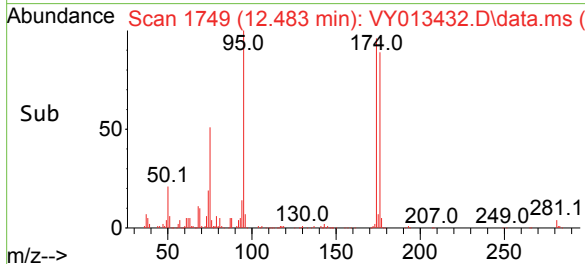
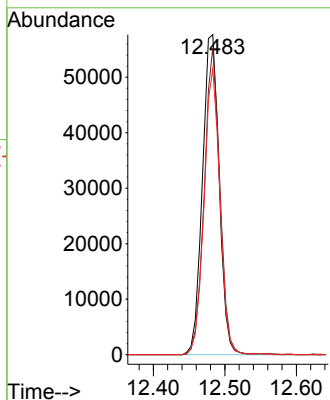
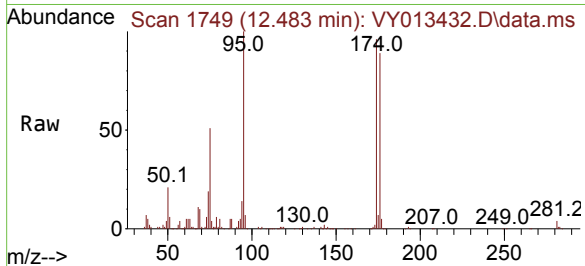




#62
4-Bromofluorobenzene
Concen: 44.882 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013432.D
Acq: 25 Apr 2023 06:35

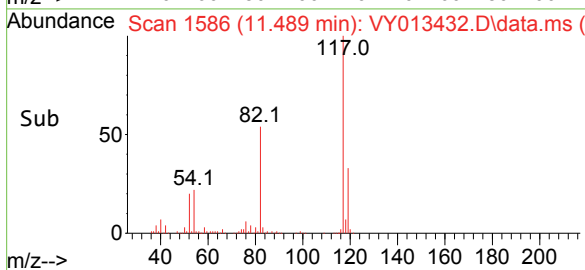
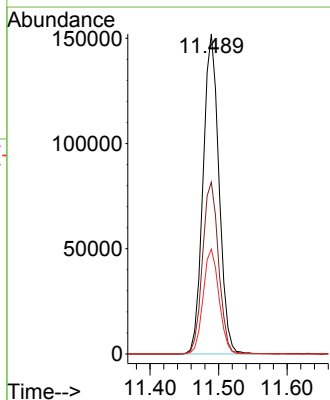
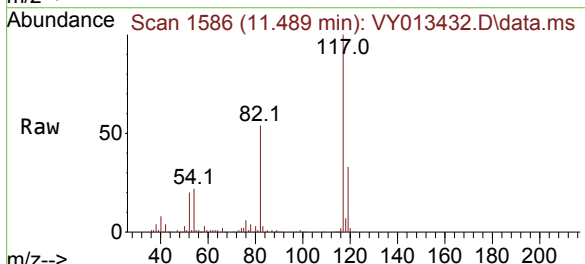
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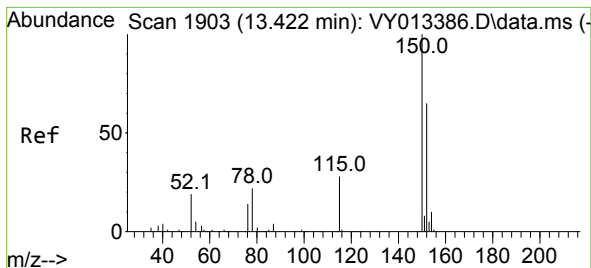
Tgt Ion: 95 Resp: 93550
Ion Ratio Lower Upper
95 100
174 90.2 0.0 182.0
176 84.8 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013432.D
Acq: 25 Apr 2023 06:35

Tgt Ion: 117 Resp: 246359
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.6
119 32.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY013432.D

Acq: 25 Apr 2023 06:35

Instrument :

MSVOA_Y

ClientSampleId :

SPE-2WC-23-04-18

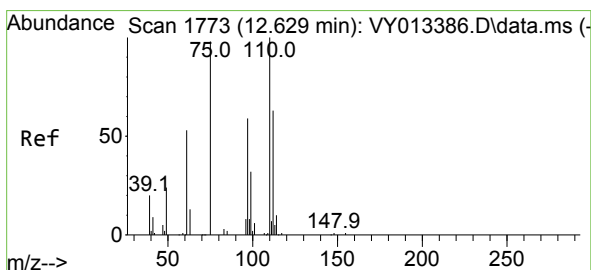
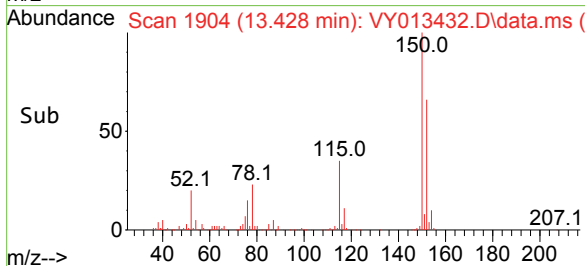
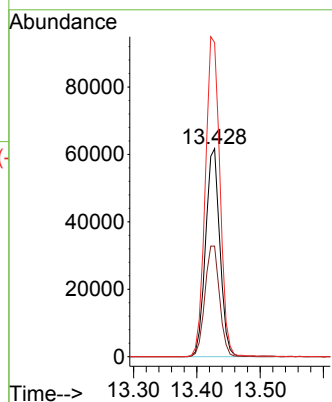
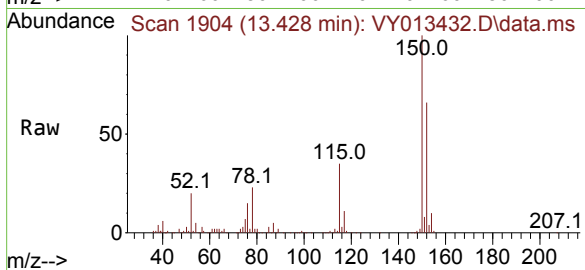
Tgt Ion:152 Resp: 97326

Ion Ratio Lower Upper

152 100

115 54.4 28.1 84.2

150 156.6 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 36.924 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY013432.D

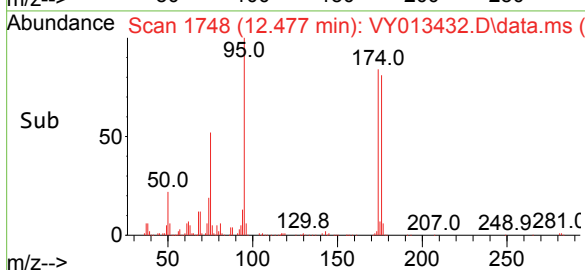
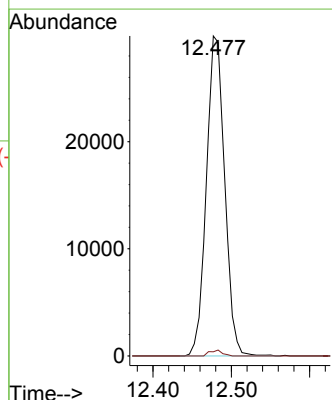
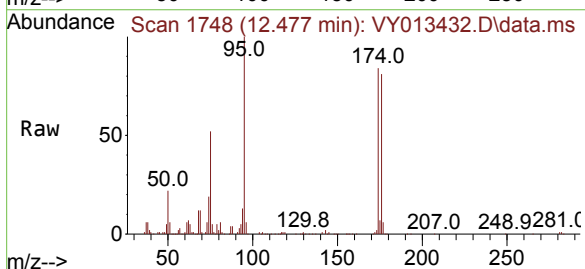
Acq: 25 Apr 2023 06:35

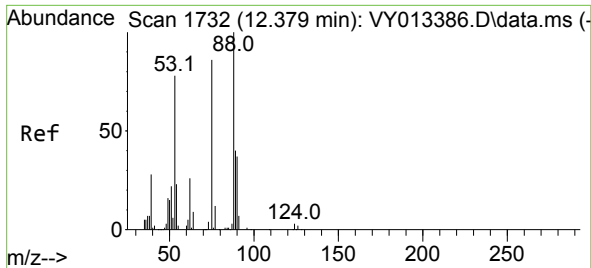
Tgt Ion: 75 Resp: 48465

Ion Ratio Lower Upper

75 100

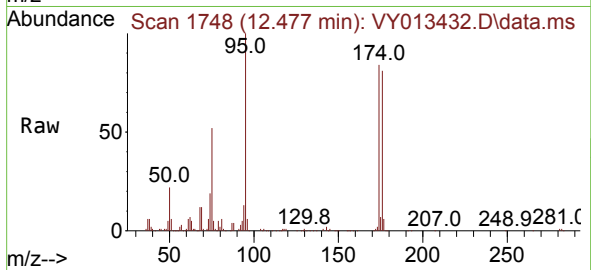
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.530 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013432.D
 Acq: 25 Apr 2023 06:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPE-2WC-23-04-18



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	73.2	109.8#
89	0.0	38.0	57.0#

