

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013428.D
 Acq On : 25 Apr 2023 05:01
 Operator : KP/MD
 Sample : 02389-30
 Misc : 3.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPB-8WC-23-04-17

Quant Time: Apr 25 07:16:44 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)

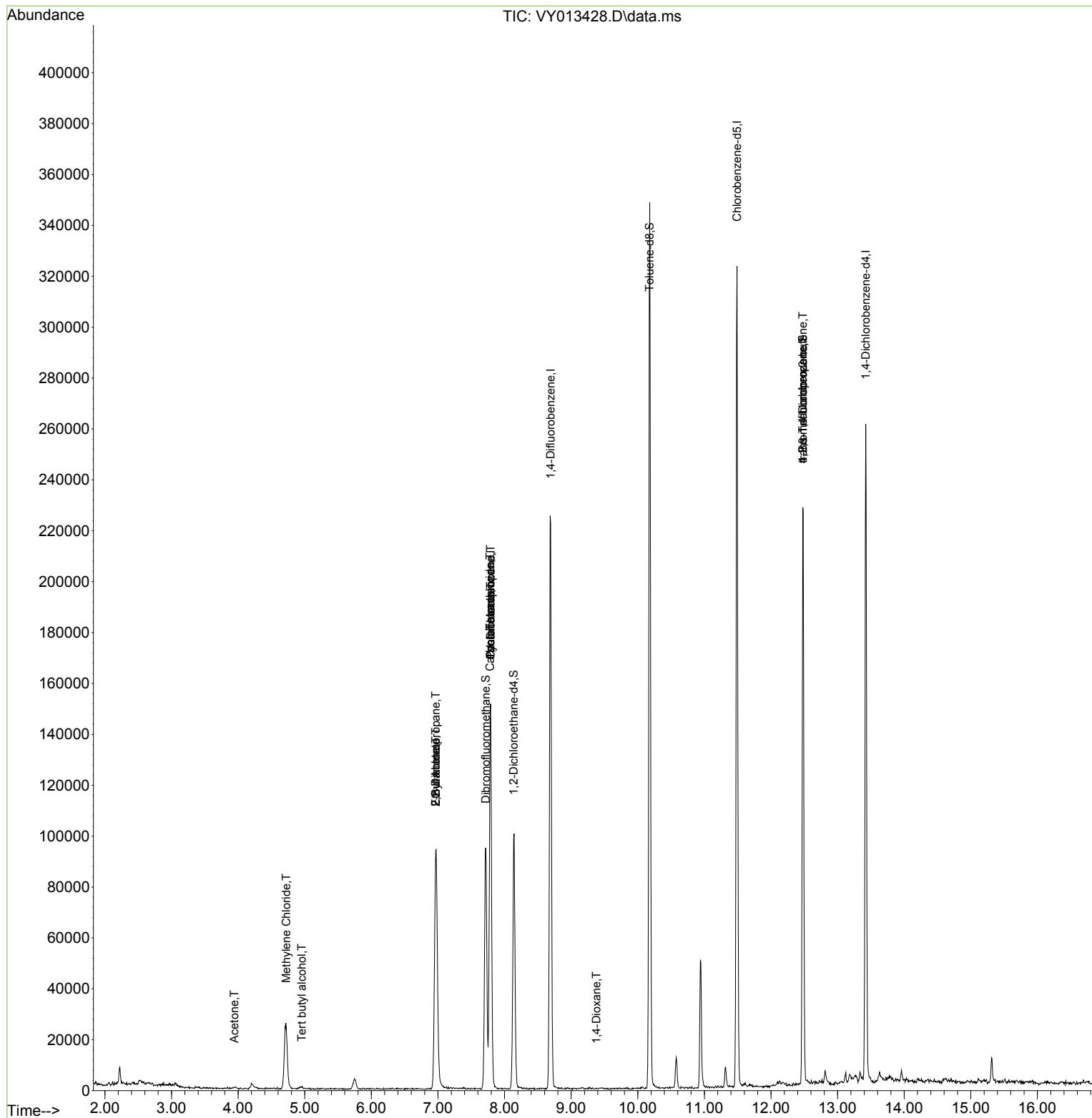
Internal Standards						
1) Pentafluorobenzene	7.789	168	118341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	169467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	76926	59.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.600%
35) Dibromofluoromethane	7.716	113	66117	55.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.260%
50) Toluene-d8	10.179	98	227120	53.722	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.440%
62) 4-Bromofluorobenzene	12.477	95	63791	44.757	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1299	9.517	ug/l #	89
13) Acrolein	3.698	56	42	Below Cal	#	16
16) Acetone	3.942	43	1137	2.226	ug/l #	87
20) Methylene Chloride	4.723	84	19348	4.771	ug/l	97
25) 2-Butanone	6.966	43	5528	8.532	ug/l #	82
26) 2,2-Dichloropropane	6.966	77	6785	3.167	ug/l #	52
31) Cyclohexane	7.789	56	2682	1.155	ug/l #	26
36) 1,1-Dichloropropene	7.789	75	9149	4.639	ug/l #	48
37) Ethyl Acetate	6.966	43	5528	3.724	ug/l #	1
38) Carbon Tetrachloride	7.783	117	11389	5.509	ug/l #	18
49) 1,4-Dioxane	9.380	88	28	2.256	ug/l #	7
76) 1,2,3-Trichloropropane	12.477	75	35300	39.247	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35300	80.283	ug/l #	13

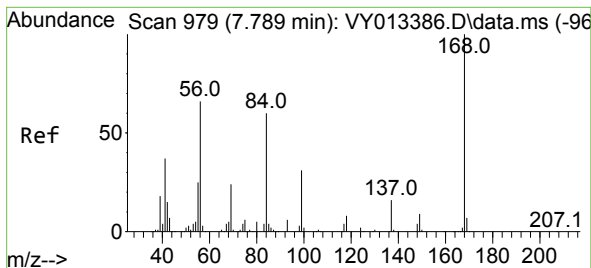
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
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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: VY013428.D

Acq: 25 Apr 2023 05:01

Instrument :

MSVOA_Y

ClientSampleId :

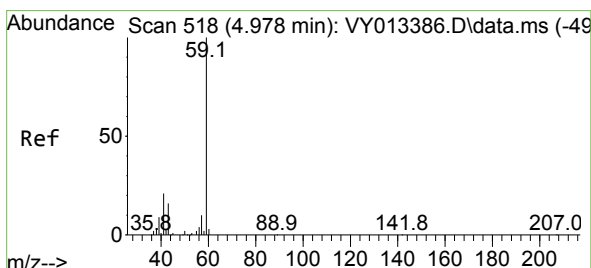
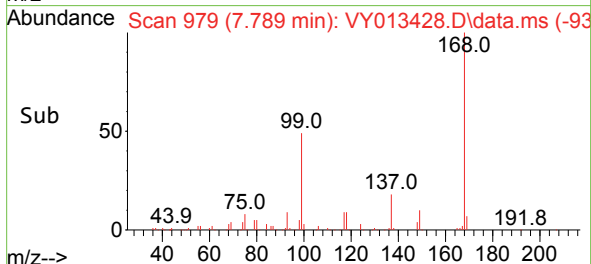
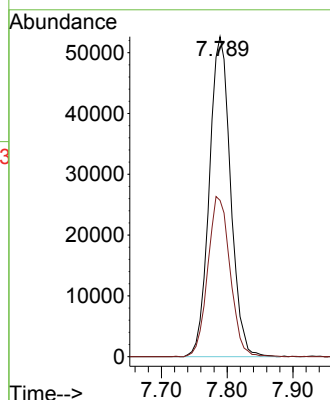
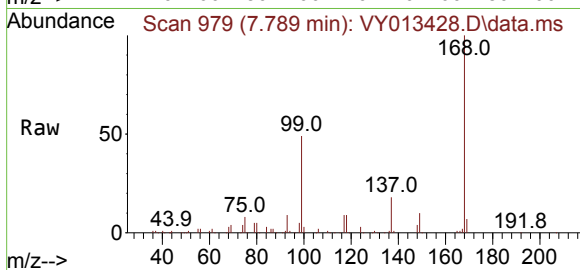
SPB-8WC-23-04-17

Tgt Ion:168 Resp: 118341

Ion Ratio Lower Upper

168 100

99 48.8 41.8 62.6



#11

Tert butyl alcohol

Concen: 9.517 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.024 min

Lab File: VY013428.D

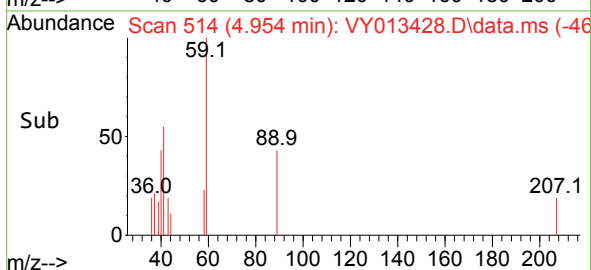
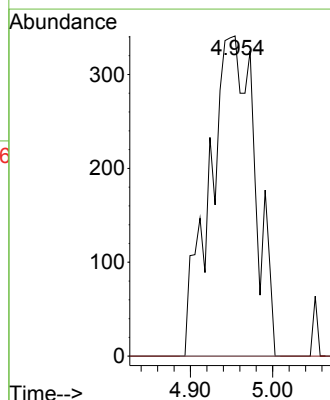
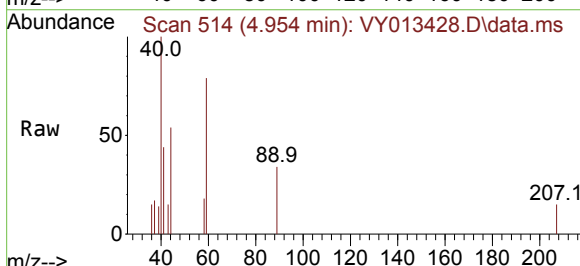
Acq: 25 Apr 2023 05:01

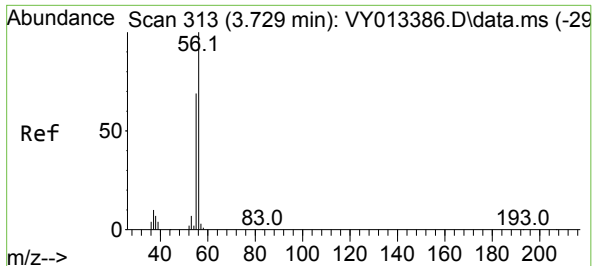
Tgt Ion: 59 Resp: 1299

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#

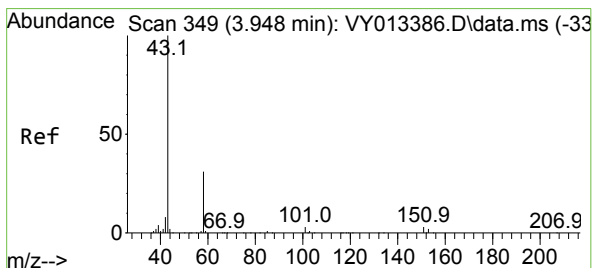
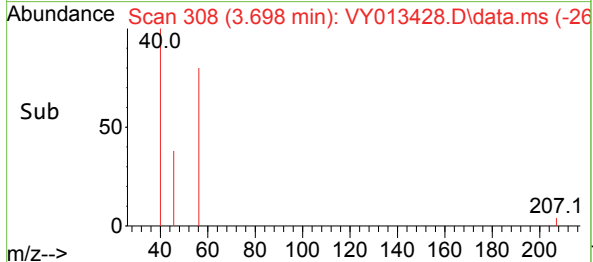
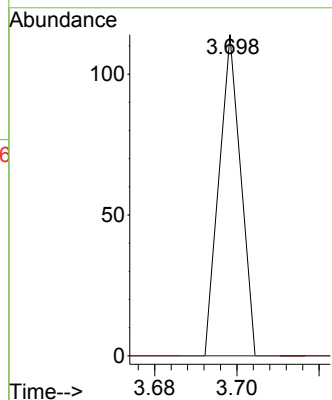
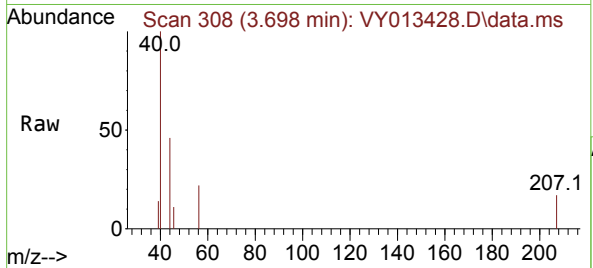




#13
Acrolein
Concen: Below Cal
RT: 3.698 min Scan# 308
Delta R.T. -0.031 min
Lab File: VY013428.D
Acq: 25 Apr 2023 05:01

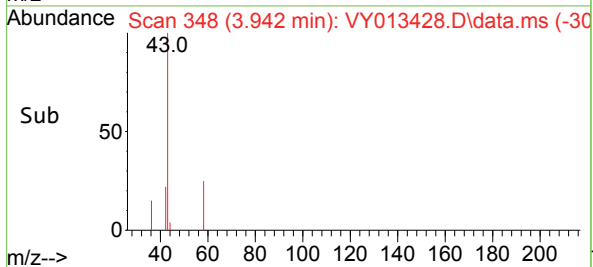
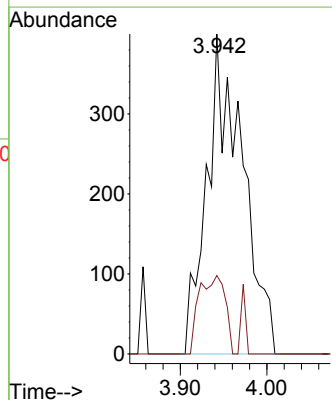
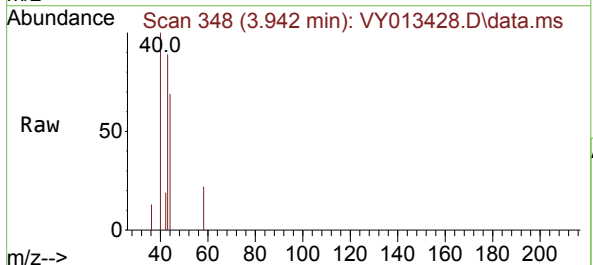
Instrument :
MSVOA_Y
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SPB-8WC-23-04-17

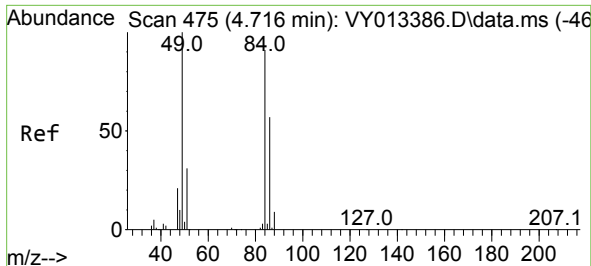
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#16
Acetone
Concen: 2.226 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY013428.D
Acq: 25 Apr 2023 05:01

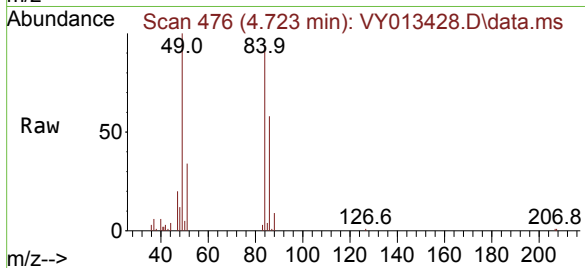
Tgt Ion: 43 Resp: 1137
Ion Ratio Lower Upper
43 100
58 24.5 25.4 38.0#



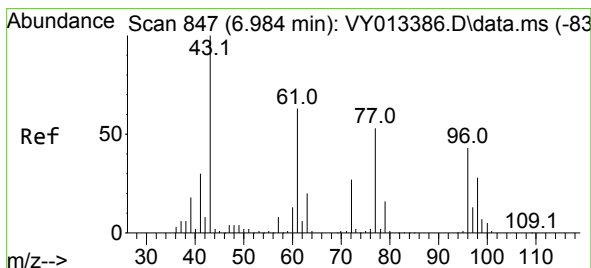
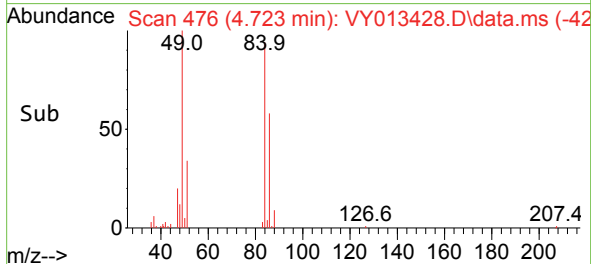
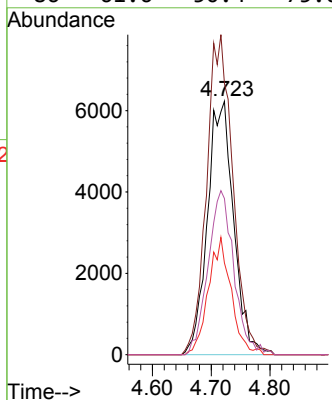


#20
Methylene Chloride
Concen: 4.771 ug/l
RT: 4.723 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY013428.D
Acq: 25 Apr 2023 05:01

Instrument :
MSVOA_Y
ClientSampleId :
SPB-8WC-23-04-17

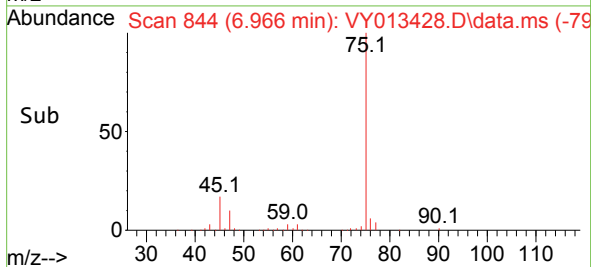
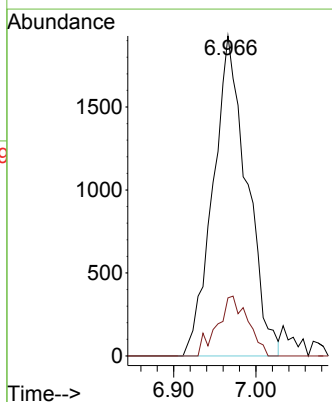
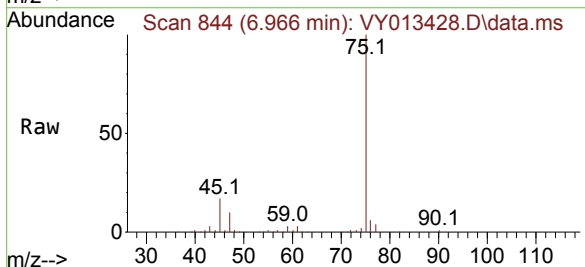


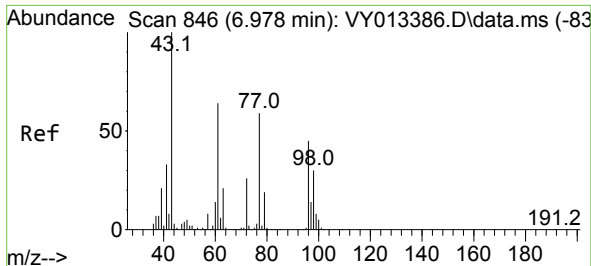
Tgt Ion: 84 Resp: 19348
Ion Ratio Lower Upper
84 100
49 106.9 88.0 132.0
51 36.2 27.4 41.0
86 61.6 50.4 75.6



#25
2-Butanone
Concen: 8.532 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY013428.D
Acq: 25 Apr 2023 05:01

Tgt Ion: 43 Resp: 5528
Ion Ratio Lower Upper
43 100
72 18.2 21.9 32.9#





#26

2,2-Dichloropropane

Concen: 3.167 ug/l

RT: 6.966 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY013428.D

Acq: 25 Apr 2023 05:01

Instrument :

MSVOA_Y

ClientSampleId :

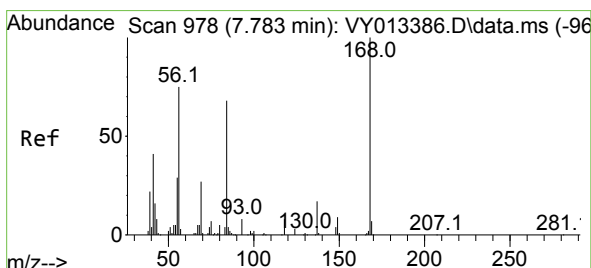
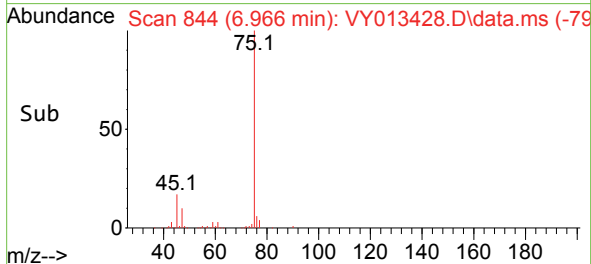
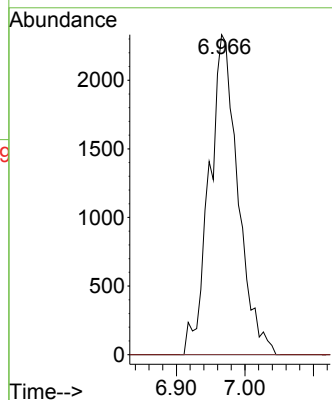
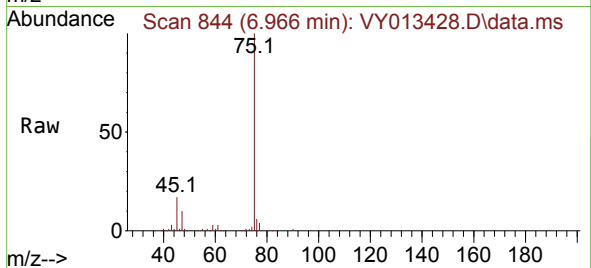
SPB-8WC-23-04-17

Tgt Ion: 77 Resp: 6785

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



#31

Cyclohexane

Concen: 1.155 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY013428.D

Acq: 25 Apr 2023 05:01

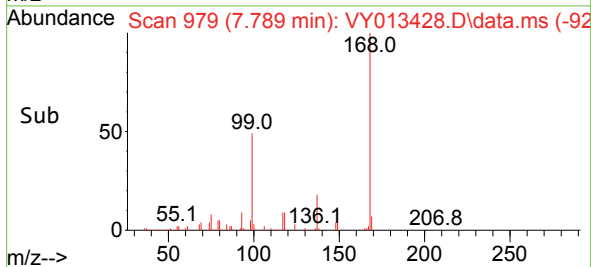
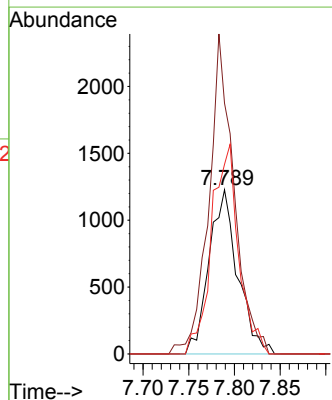
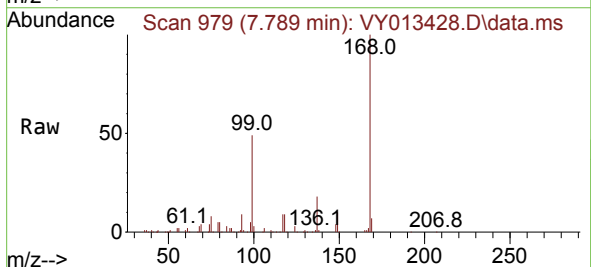
Tgt Ion: 56 Resp: 2682

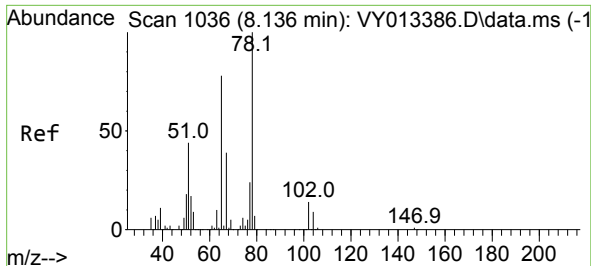
Ion Ratio Lower Upper

56 100

69 152.8 29.2 43.8#

84 115.6 73.0 109.6#

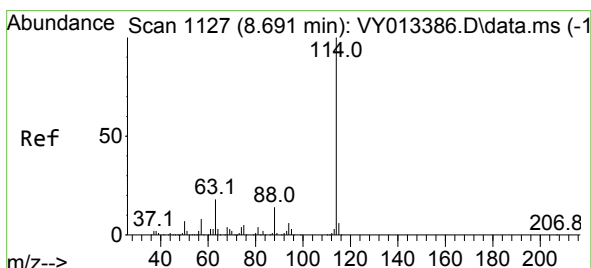
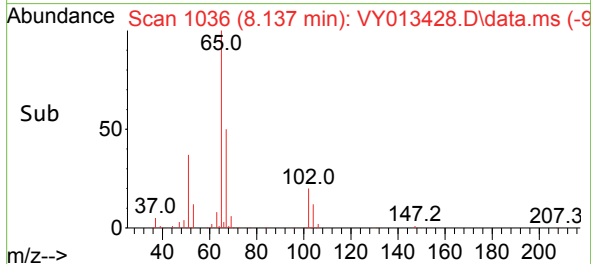
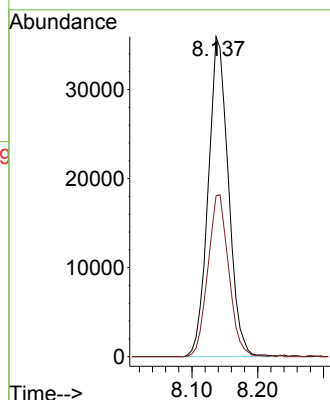
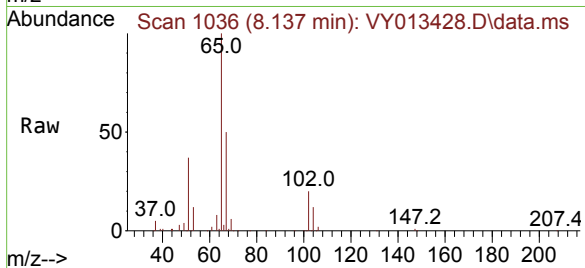




#33
 1,2-Dichloroethane-d4
 Concen: 59.298 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY013428.D
 Acq: 25 Apr 2023 05:01

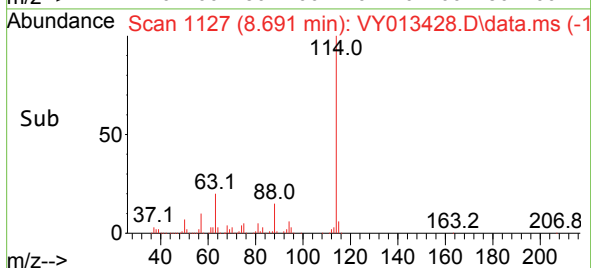
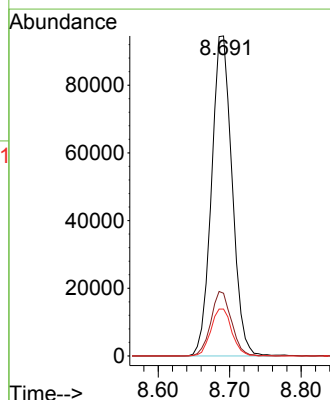
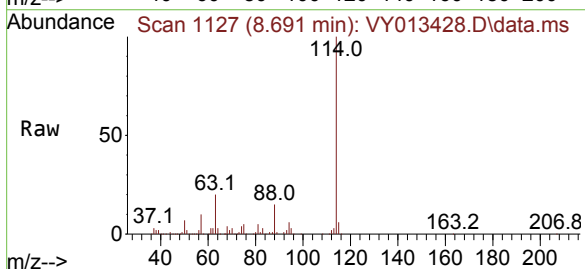
Instrument :
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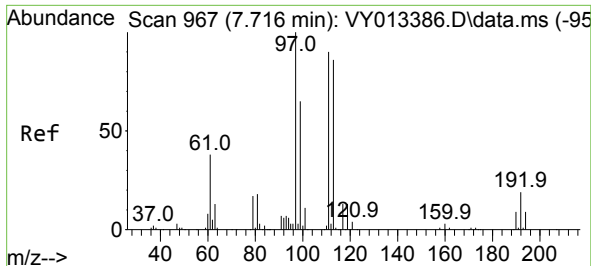
Tgt Ion: 65 Resp: 76926
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013428.D
 Acq: 25 Apr 2023 05:01

Tgt Ion: 114 Resp: 188952
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 36.6
 88 14.6 0.0 28.8

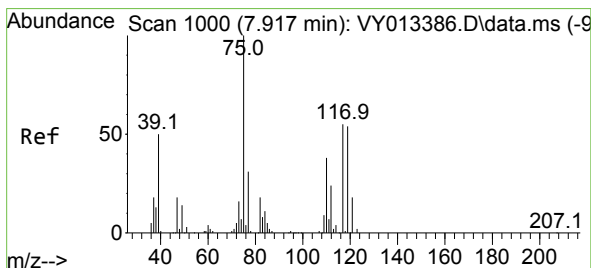
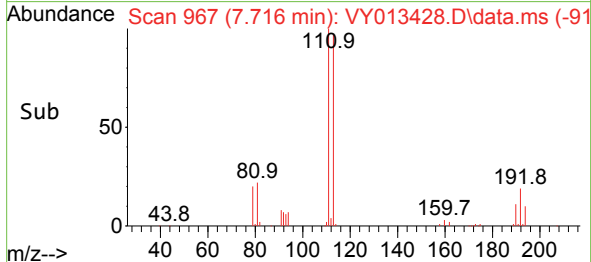
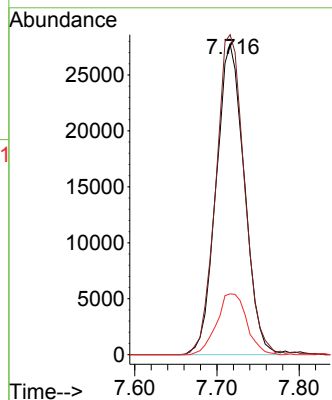
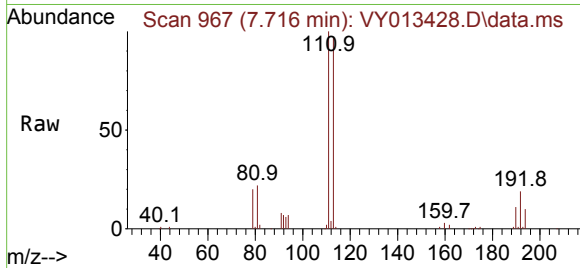




#35
Dibromofluoromethane
Concen: 55.634 ug/l
RT: 7.716 min Scan# 913
Delta R.T. -0.000 min
Lab File: VY013428.D
Acq: 25 Apr 2023 05:01

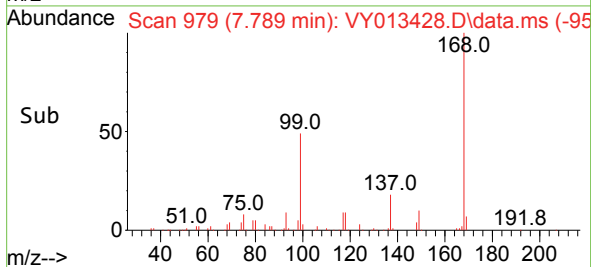
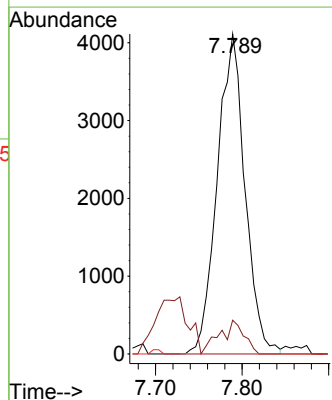
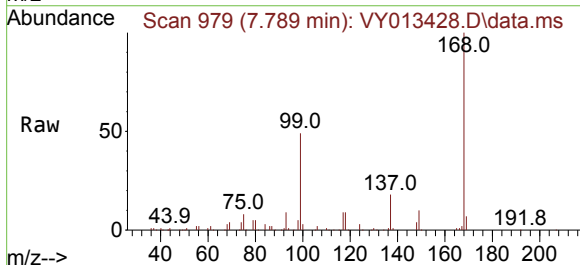
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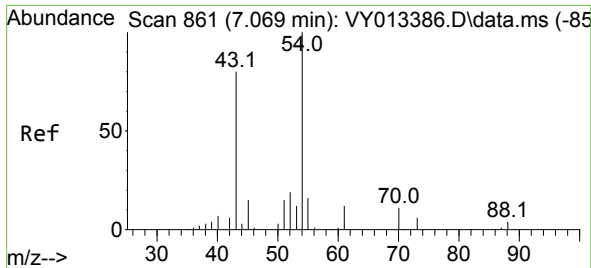
Tgt Ion:113 Resp: 66117
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.2
192 20.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.639 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013428.D
Acq: 25 Apr 2023 05:01

Tgt Ion: 75 Resp: 9149
Ion Ratio Lower Upper
75 100
110 8.9 18.7 56.1#
77 0.0 24.6 37.0#

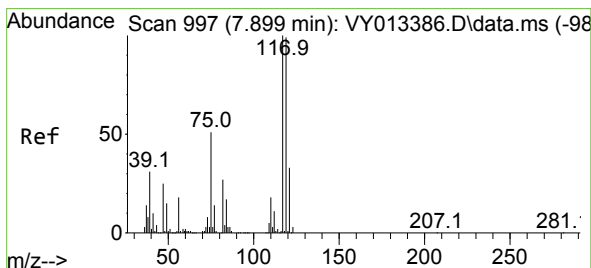
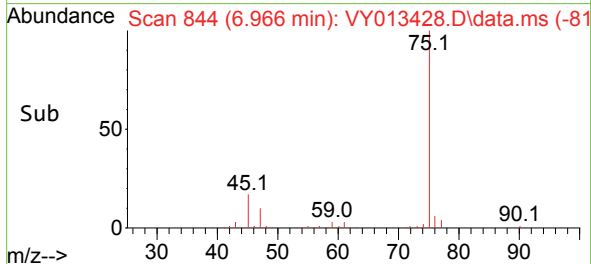
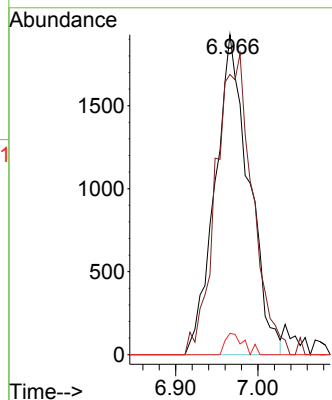
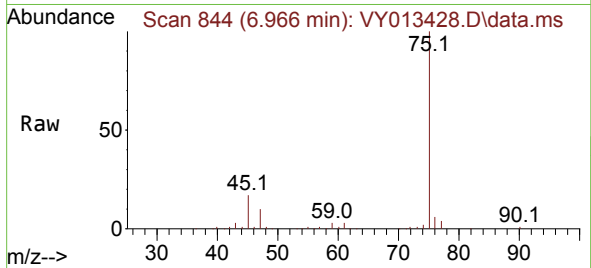




#37
Ethyl Acetate
Concen: 3.724 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.103 min
Lab File: VY013428.D
Acq: 25 Apr 2023 05:01

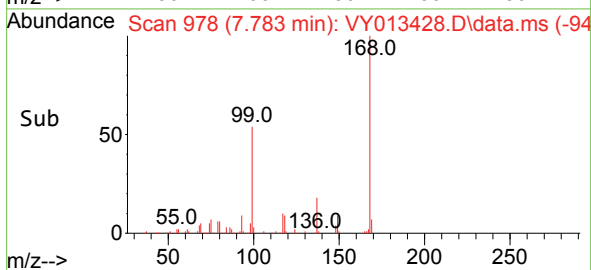
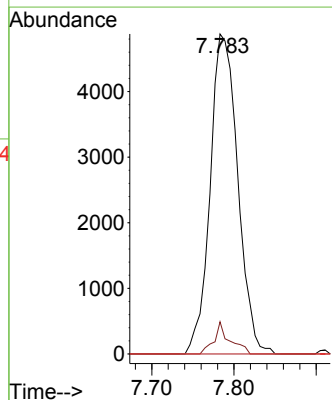
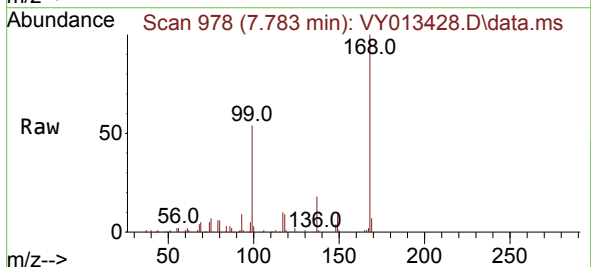
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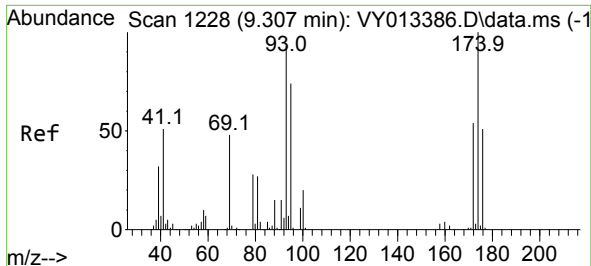
Tgt Ion: 43 Resp: 5528
Ion Ratio Lower Upper
43 100
61 101.0 11.4 17.0#
70 3.6 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.509 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY013428.D
Acq: 25 Apr 2023 05:01

Tgt Ion: 117 Resp: 11389
Ion Ratio Lower Upper
117 100
119 10.0 79.0 118.6#
121 0.0 26.6 40.0#





#49

1,4-Dioxane

Concen: 2.256 ug/l

RT: 9.380 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VY013428.D

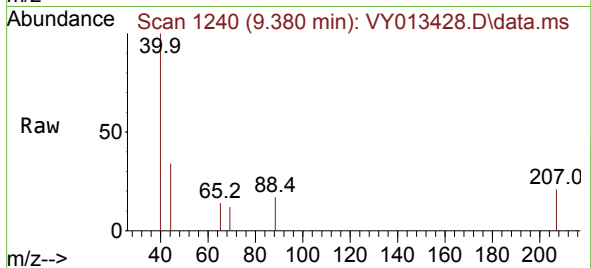
Acq: 25 Apr 2023 05:01

Instrument :

MSVOA_Y

ClientSampleId :

SPB-8WC-23-04-17



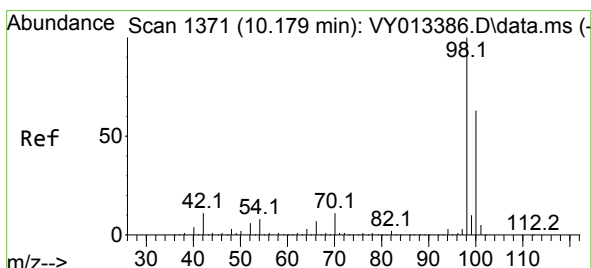
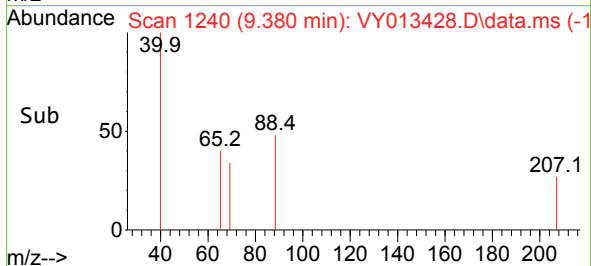
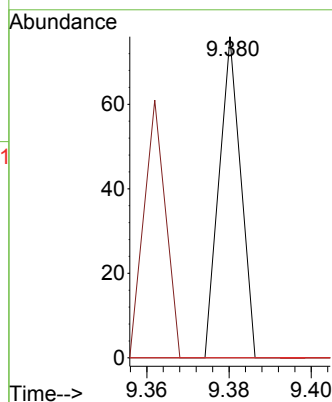
Tgt Ion: 88 Resp: 28

Ion Ratio Lower Upper

88 100

43 78.6 16.8 25.2#

58 0.0 54.3 81.5#



#50

Toluene-d8

Concen: 53.722 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013428.D

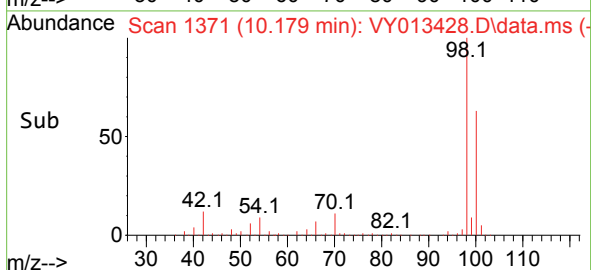
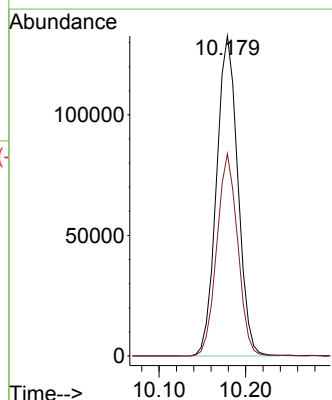
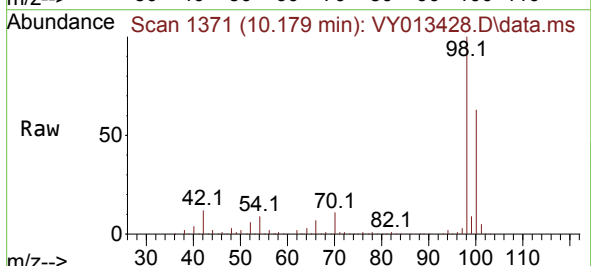
Acq: 25 Apr 2023 05:01

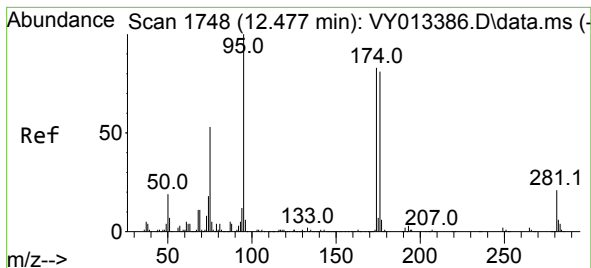
Tgt Ion: 98 Resp: 227120

Ion Ratio Lower Upper

98 100

100 61.9 50.5 75.7

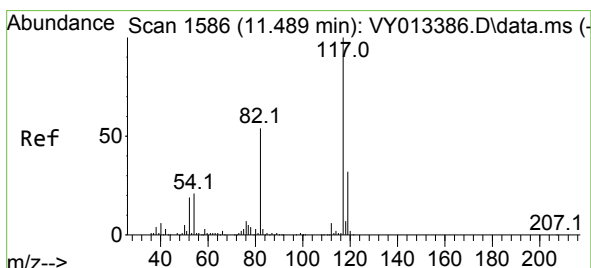
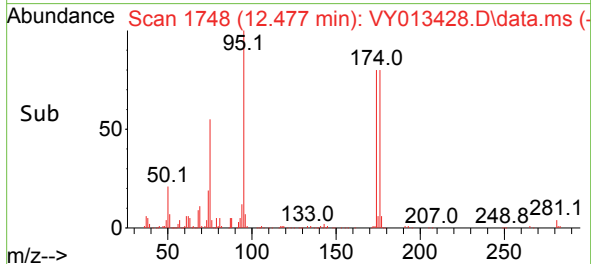
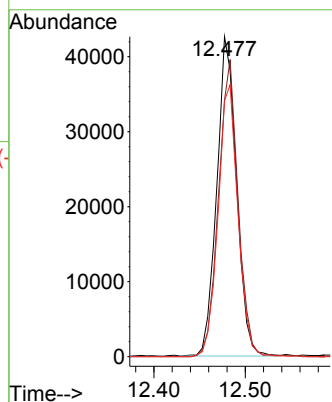
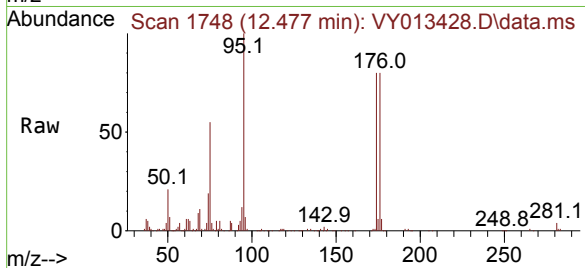




#62
4-Bromofluorobenzene
Concen: 44.757 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013428.D
Acq: 25 Apr 2023 05:01

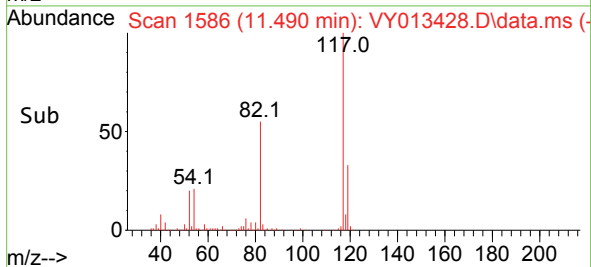
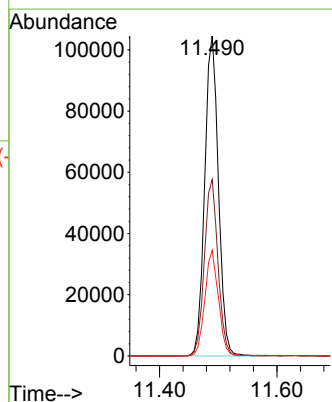
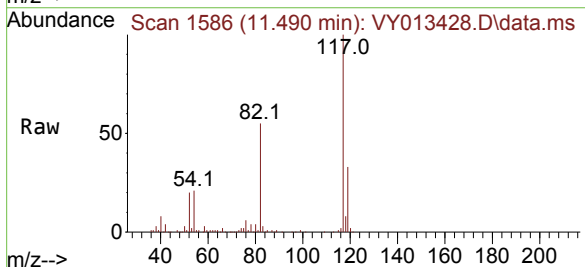
Instrument :
MSVOA_Y
ClientSampleId :
SPB-8WC-23-04-17

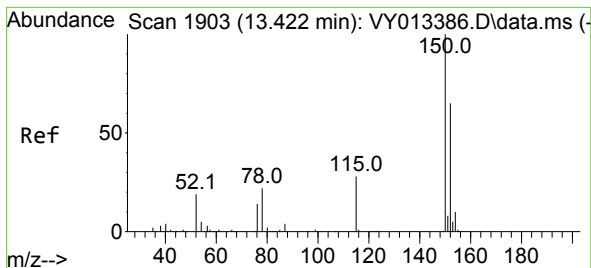
Tgt Ion: 95 Resp: 63791
Ion Ratio Lower Upper
95 100
174 92.7 0.0 182.0
176 86.1 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013428.D
Acq: 25 Apr 2023 05:01

Tgt Ion: 117 Resp: 169467
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.6
119 33.0 25.5 38.3

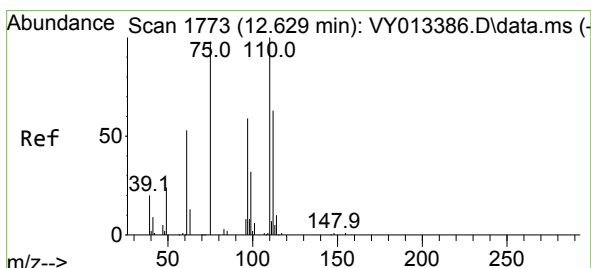
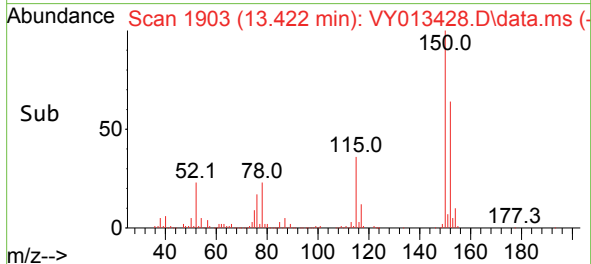
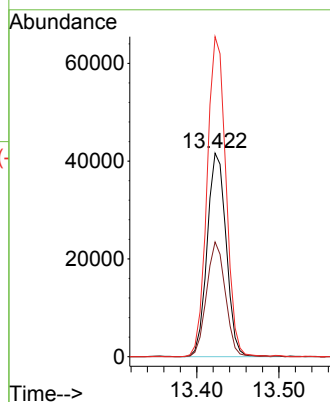
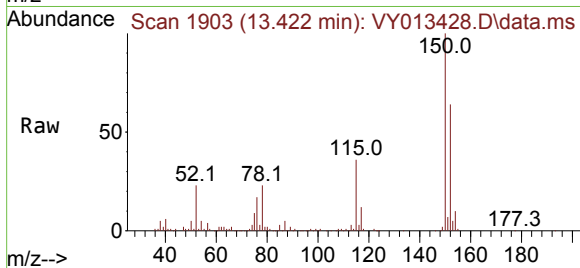




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013428.D
 Acq: 25 Apr 2023 05:01

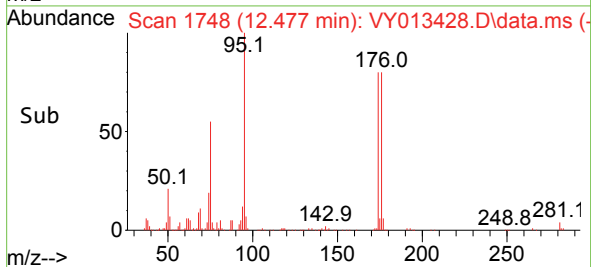
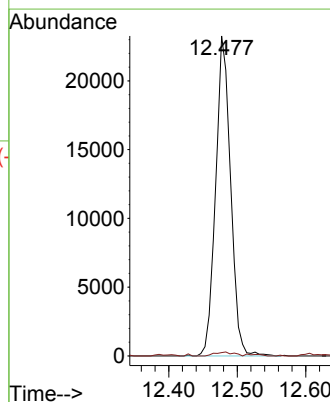
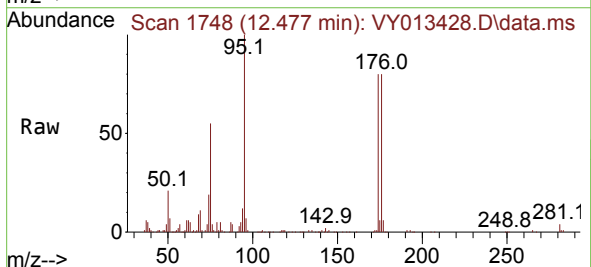
Instrument :
 MSVOA_Y
 ClientSampleId :
 SPB-8WC-23-04-17

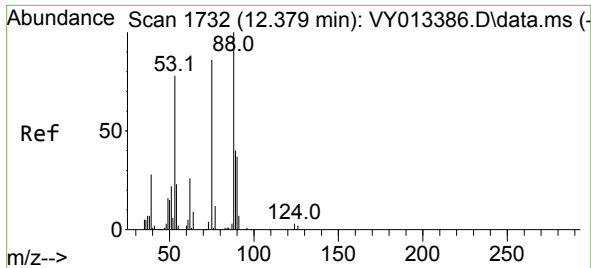
Tgt Ion:152 Resp: 66692
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.1 84.2
 150 155.9 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 39.247 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY013428.D
 Acq: 25 Apr 2023 05:01

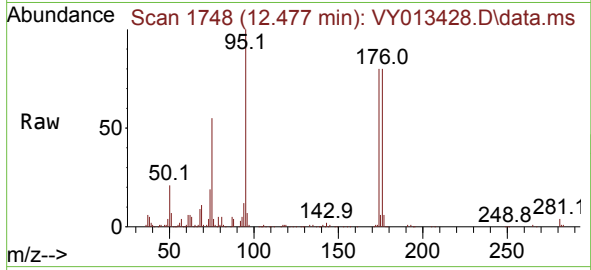
Tgt Ion: 75 Resp: 35300
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.283 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013428.D
 Acq: 25 Apr 2023 05:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPB-8WC-23-04-17



Tgt Ion:	75	Resp:	35300
Ion	Ratio	Lower	Upper
75	100		
53	0.8	73.2	109.8#
89	0.0	38.0	57.0#

