

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040423\
 Data File : VY013189.D
 Acq On : 04 Apr 2023 15:08
 Operator : KP/MD
 Sample : VY0404SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBL01

Quant Time: Apr 05 01:17:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

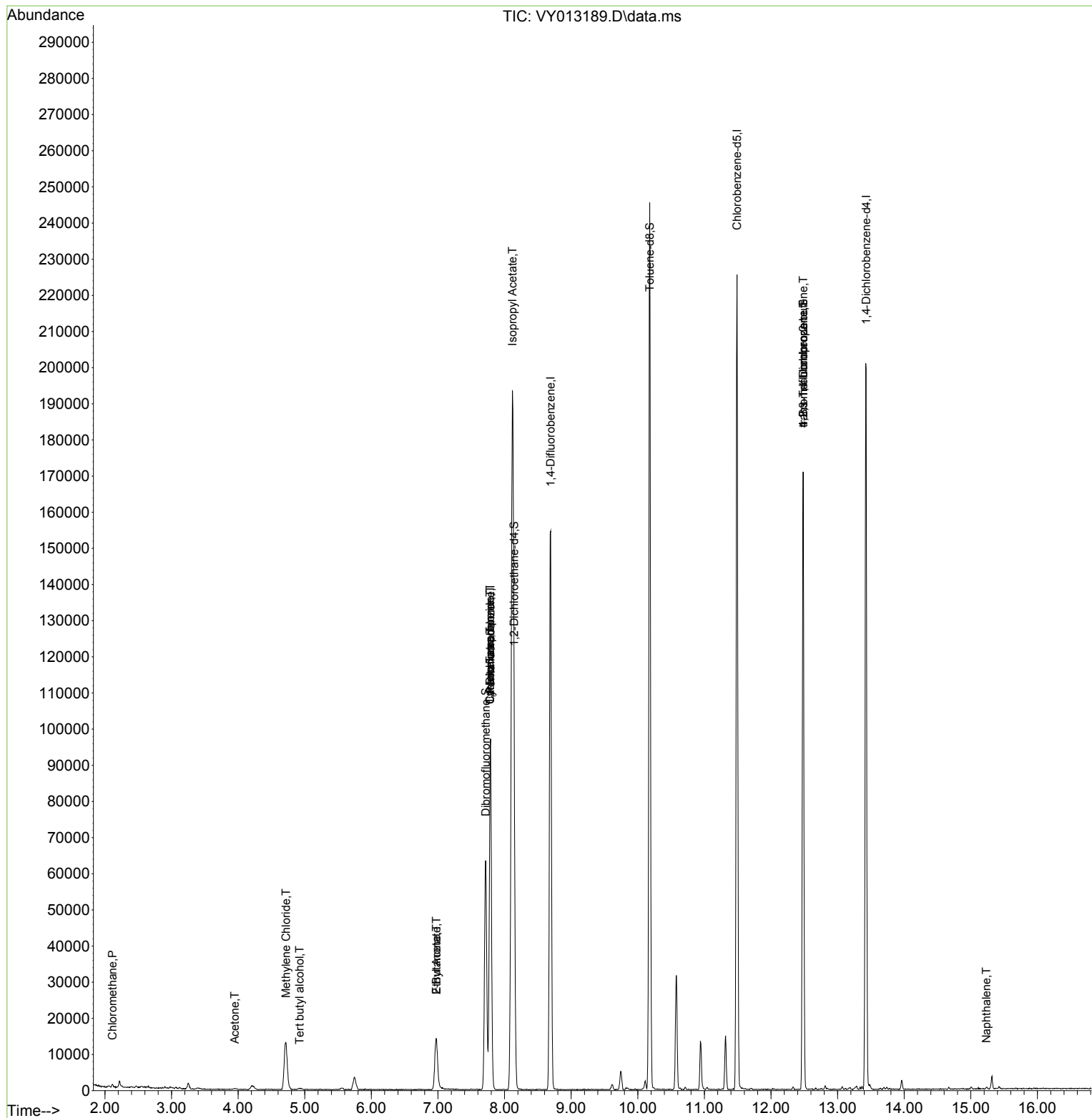
Internal Standards						
1) Pentafluorobenzene	7.789	168	73057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	129172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	116169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52212	66.501	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.000%			
35) Dibromofluoromethane	7.716	113	42821	50.746	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.500%			
50) Toluene-d8	10.179	98	152684	47.929	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.860%			
62) 4-Bromofluorobenzene	12.483	95	46515	44.859	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.720%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	830	1.111	ug/l #	86
11) Tert butyl alcohol	4.924	59	192	2.713	ug/l #	74
16) Acetone	3.948	43	418	1.741	ug/l #	44
20) Methylene Chloride	4.716	84	9567	6.916	ug/l	99
25) 2-Butanone	6.978	43	983	3.275	ug/l #	49
31) Cyclohexane	7.783	56	1820	1.420	ug/l #	23
36) 1,1-Dichloropropene	7.783	75	6094	4.797	ug/l #	49
37) Ethyl Acetate	6.978	43	983	1.362	ug/l #	1
38) Carbon Tetrachloride	7.783	117	7243	5.167	ug/l #	16
43) Isopropyl Acetate	8.118	43	4883	3.780	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	25553	43.993	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	25553	98.111	ug/l #	13
95) Naphthalene	15.233	128	661	3.552	ug/l #	83

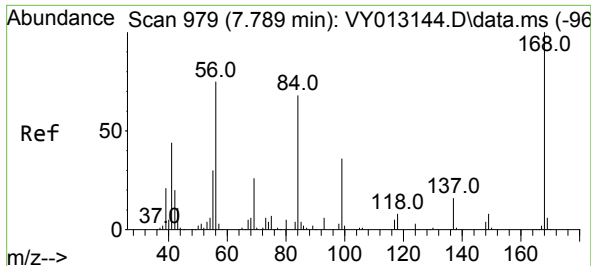
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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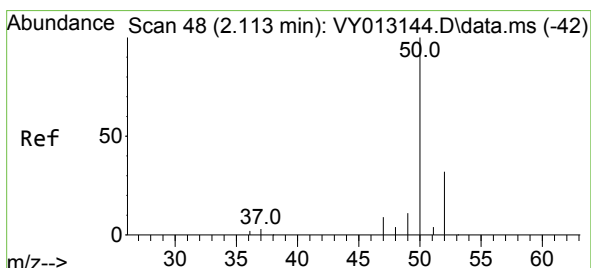
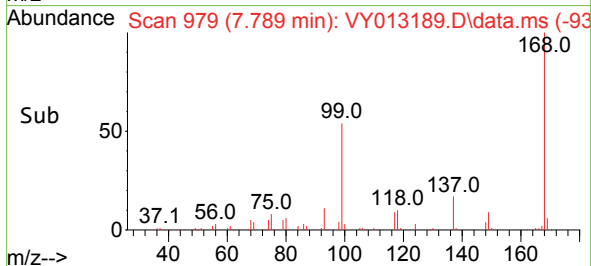
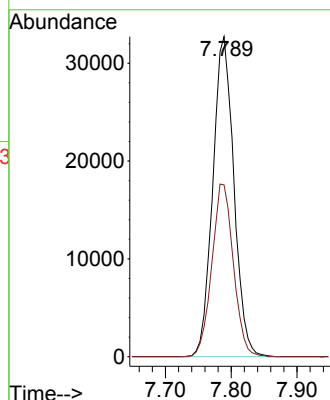
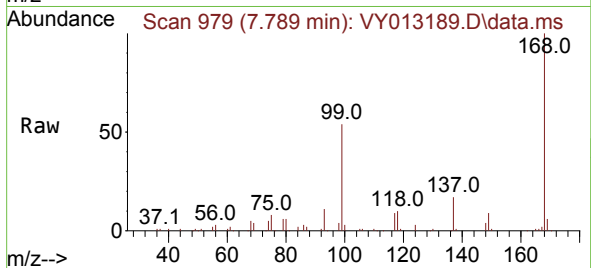




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013189.D
Acq: 04 Apr 2023 15:08

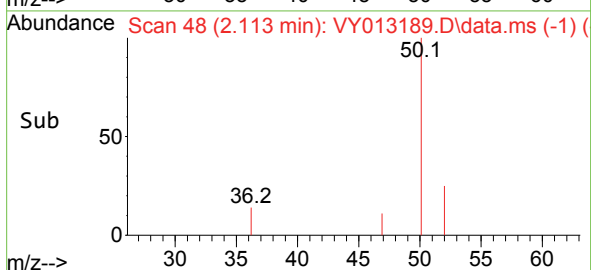
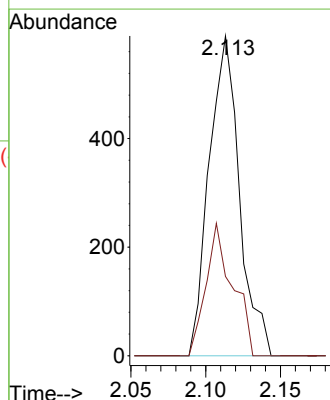
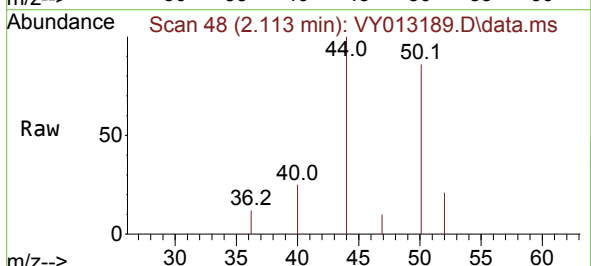
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01

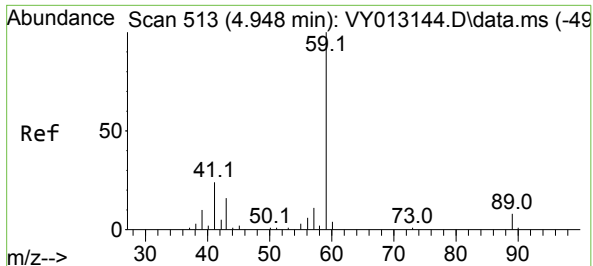
Tgt Ion:168 Resp: 73057
Ion Ratio Lower Upper
168 100
99 53.7 41.7 62.5



#3
Chloromethane
Concen: 1.111 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY013189.D
Acq: 04 Apr 2023 15:08

Tgt Ion: 50 Resp: 830
Ion Ratio Lower Upper
50 100
52 24.8 26.0 39.0#





#11

Tert butyl alcohol

Concen: 2.713 ug/l

RT: 4.924 min Scan# 509

Delta R.T. -0.024 min

Lab File: VY013189.D

Acq: 04 Apr 2023 15:08

Instrument :

MSVOA_Y

ClientSampleId :

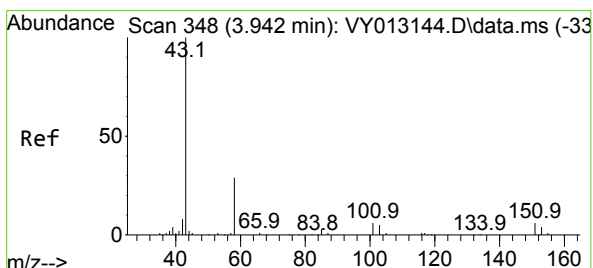
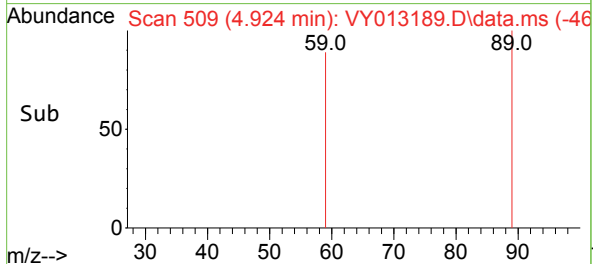
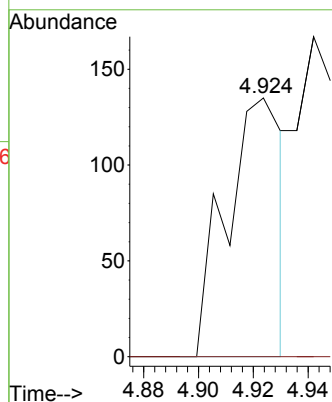
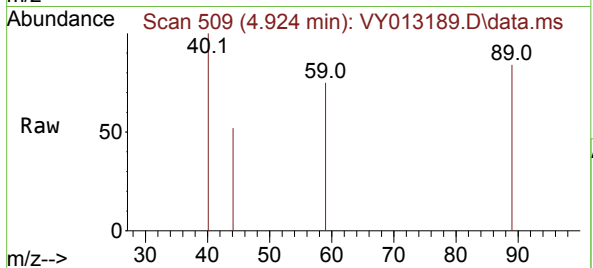
VY0404SBL01

Tgt Ion: 59 Resp: 192

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#16

Acetone

Concen: 1.741 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY013189.D

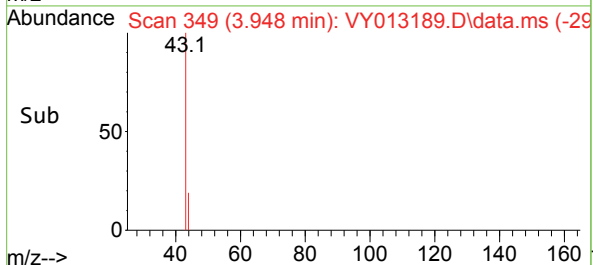
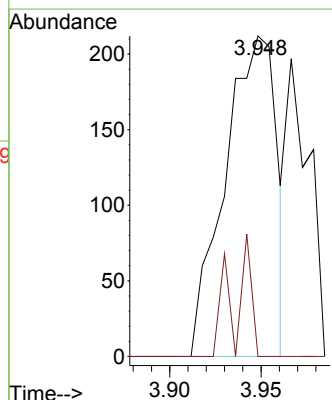
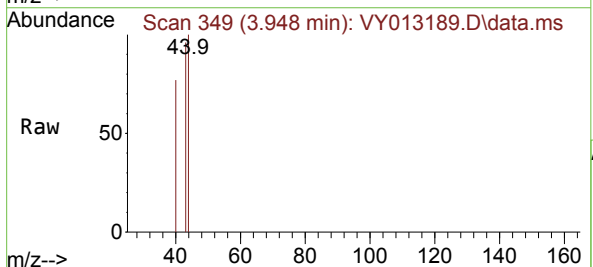
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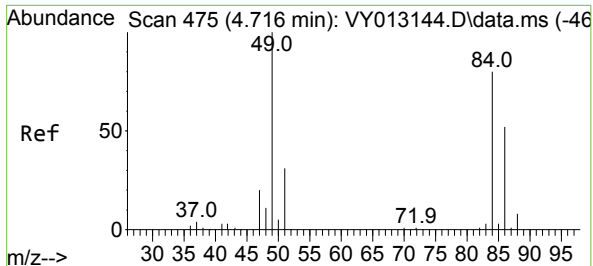
Tgt Ion: 43 Resp: 418

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#

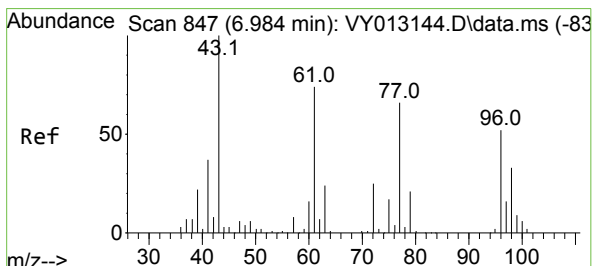
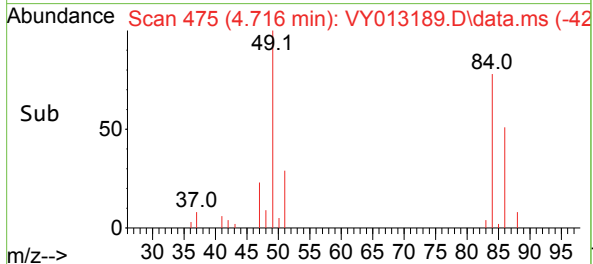
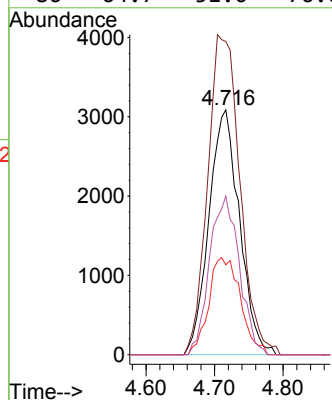
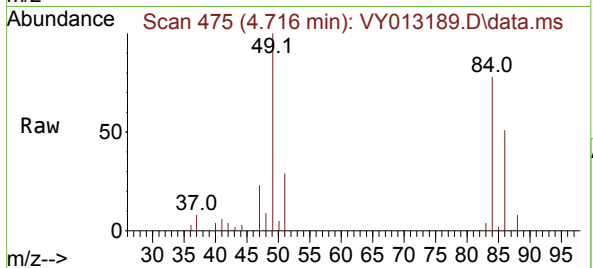




#20
Methylene Chloride
Concen: 6.916 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013189.D
Acq: 04 Apr 2023 15:08

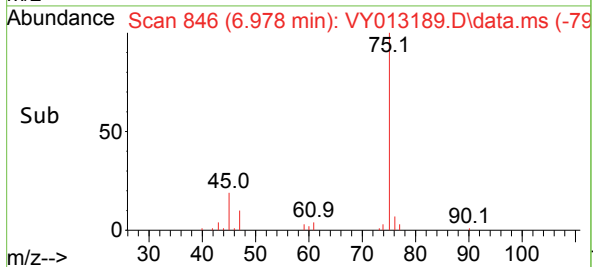
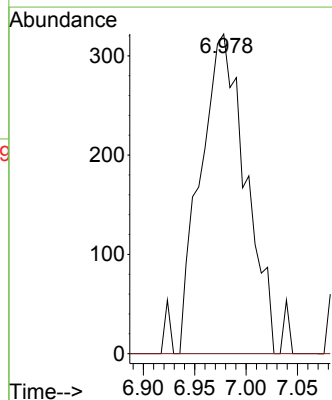
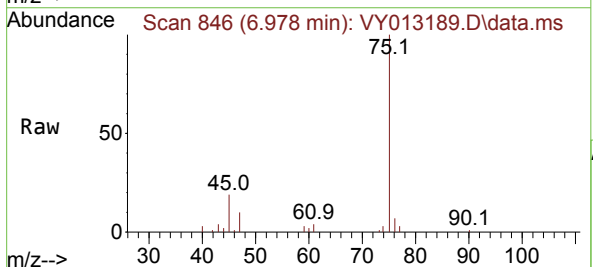
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01

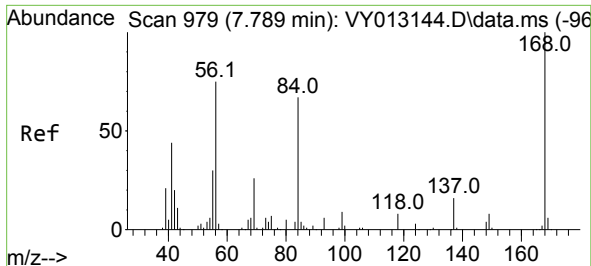
Tgt Ion: 84	Resp:	9567	
Ion	Ratio	Lower	Upper
84	100		
49	128.0	102.6	154.0
51	36.7	31.9	47.9
86	64.7	51.0	76.6



#25
2-Butanone
Concen: 3.275 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013189.D
Acq: 04 Apr 2023 15:08

Tgt Ion: 43	Resp:	983	
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#

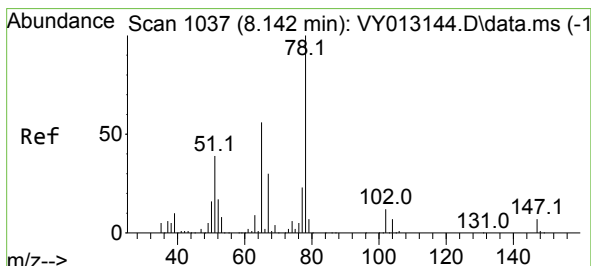
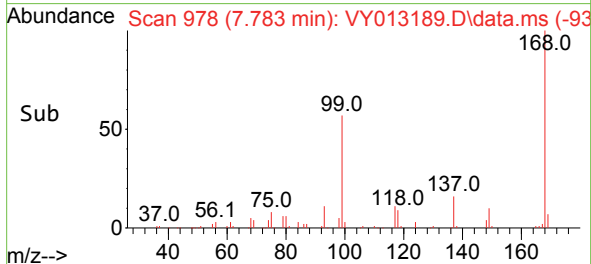
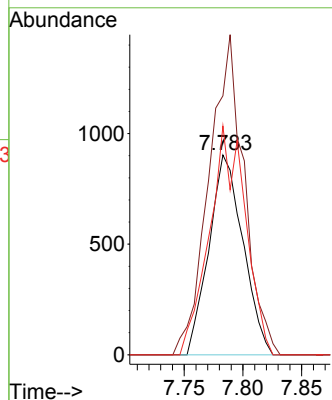
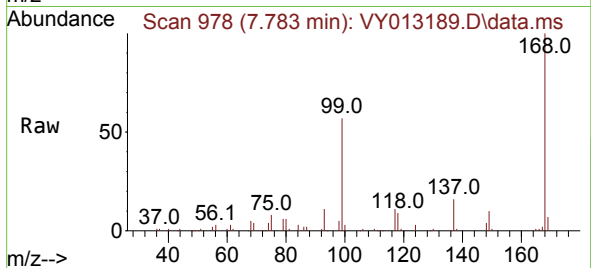




#31
Cyclohexane
Concen: 1.420 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013189.D
Acq: 04 Apr 2023 15:08

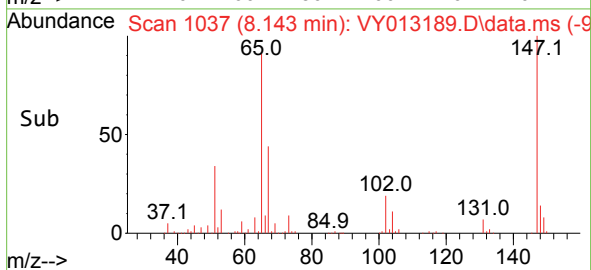
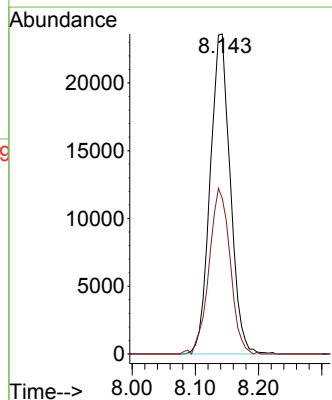
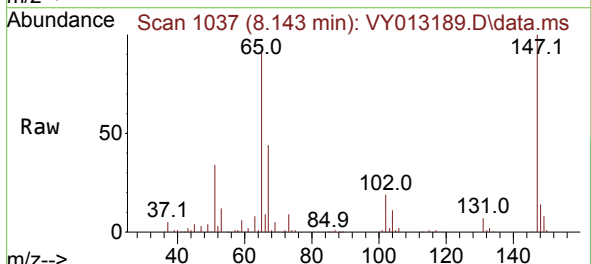
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01

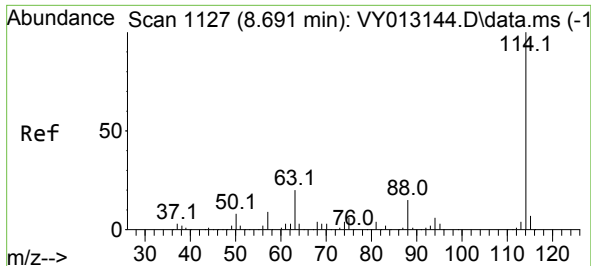
Tgt Ion: 56 Resp: 1820
Ion Ratio Lower Upper
56 100
69 129.7 25.7 38.5#
84 114.5 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 66.501 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY013189.D
Acq: 04 Apr 2023 15:08

Tgt Ion: 65 Resp: 52212
Ion Ratio Lower Upper
65 100
67 54.2 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: VY013189.D

Acq: 04 Apr 2023 15:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBL01

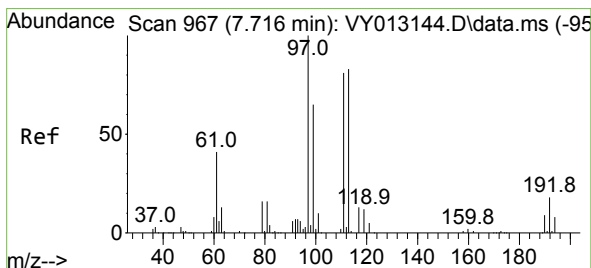
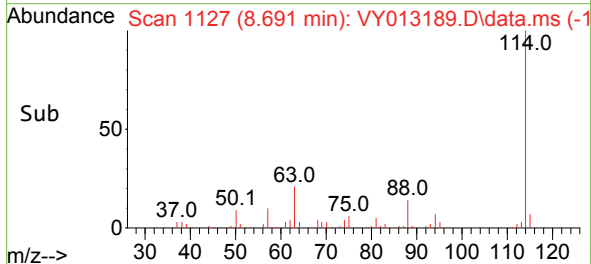
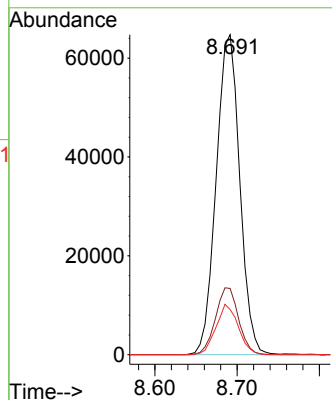
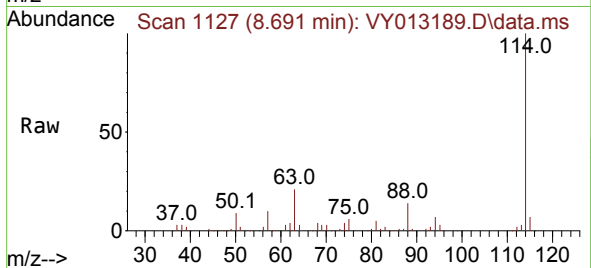
Tgt Ion:114 Resp: 129172

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 14.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 50.746 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013189.D

Acq: 04 Apr 2023 15:08

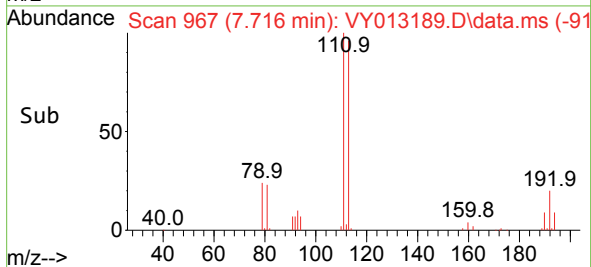
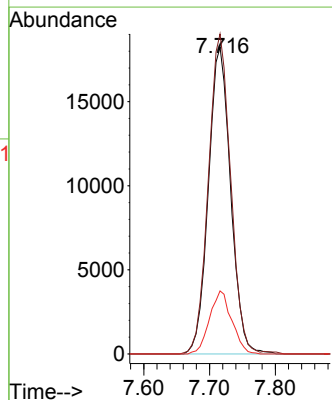
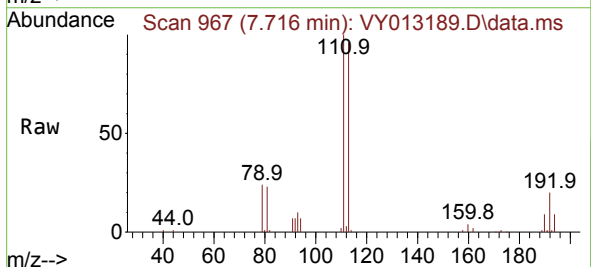
Tgt Ion:113 Resp: 42821

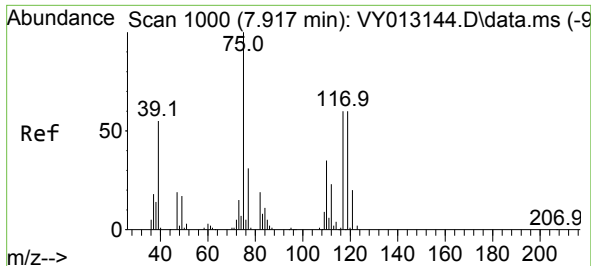
Ion Ratio Lower Upper

113 100

111 105.0 82.2 123.2

192 20.5 16.8 25.2

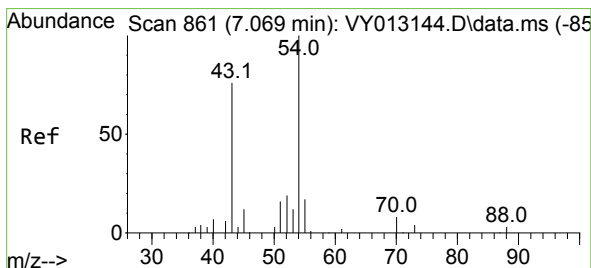
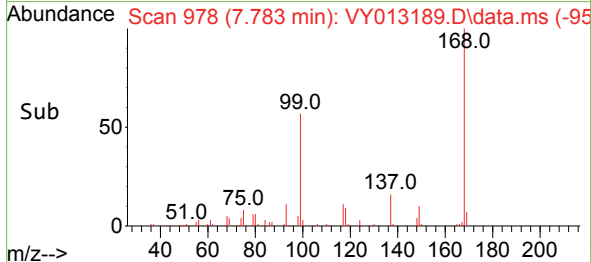
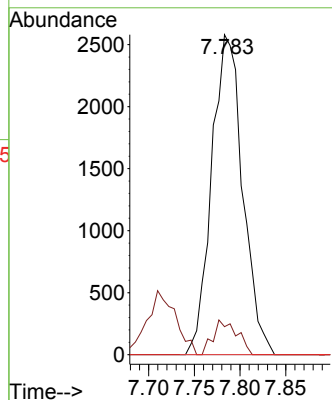
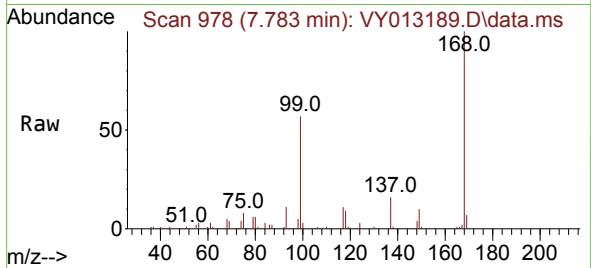




#36
1,1-Dichloropropene
Concen: 4.797 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013189.D
Acq: 04 Apr 2023 15:08

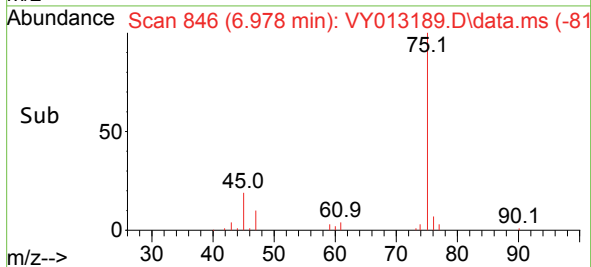
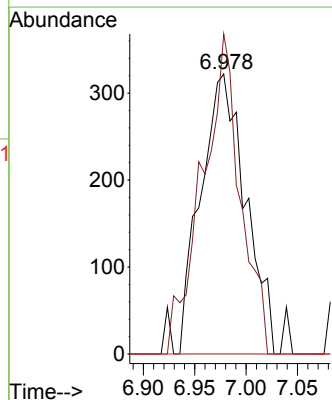
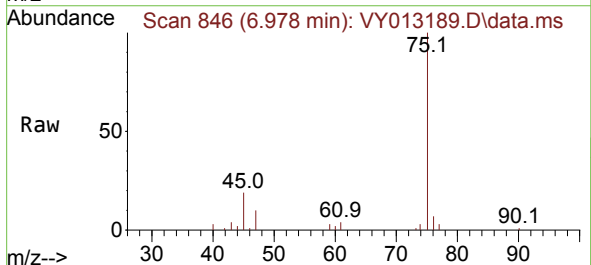
Instrument :
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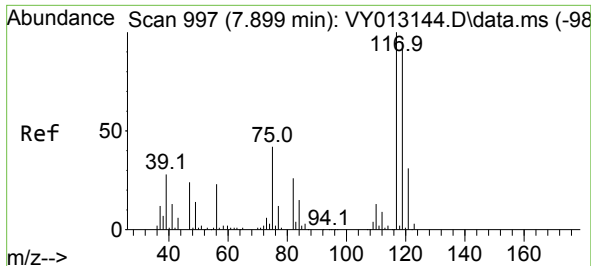
Tgt Ion: 75 Resp: 6094
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.362 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.091 min
Lab File: VY013189.D
Acq: 04 Apr 2023 15:08

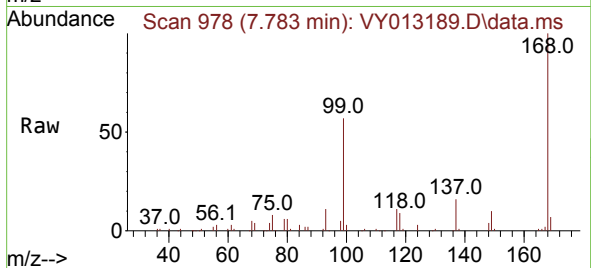
Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
61 96.8 10.7 16.1#
70 0.0 7.8 11.8#



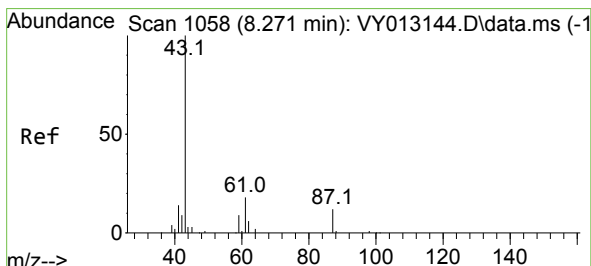
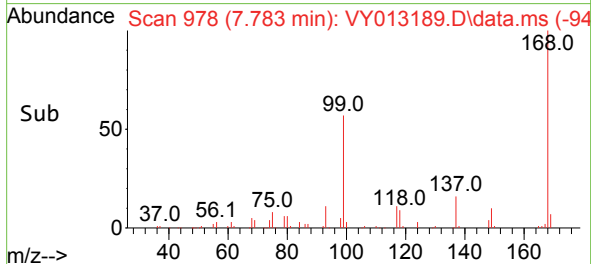
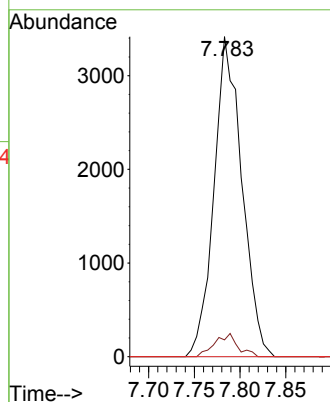


#38
Carbon Tetrachloride
Concen: 5.167 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013189.D
Acq: 04 Apr 2023 15:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01

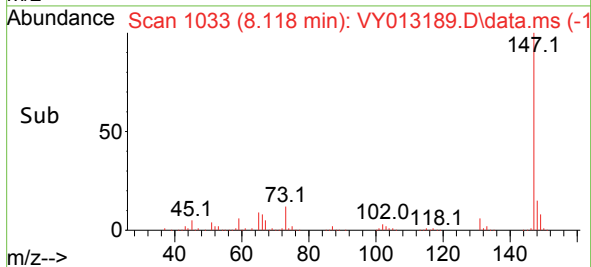
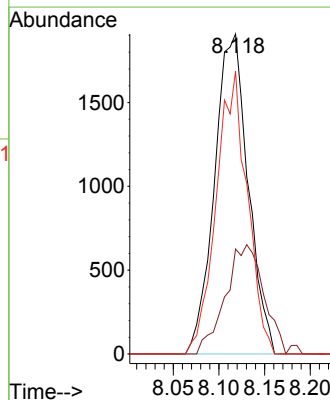
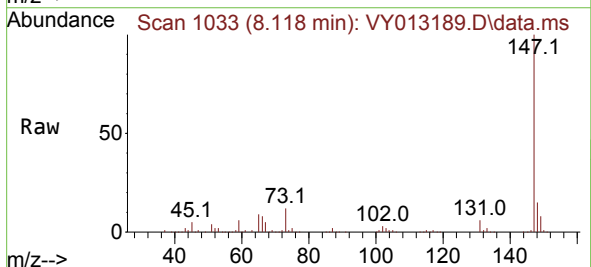


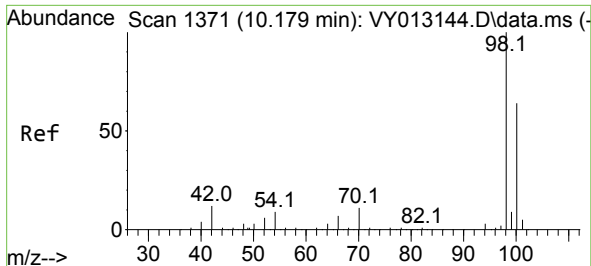
Tgt Ion:117 Resp: 7243
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 3.780 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.153 min
Lab File: VY013189.D
Acq: 04 Apr 2023 15:08

Tgt Ion: 43 Resp: 4883
Ion Ratio Lower Upper
43 100
61 39.6 21.6 32.4#
87 81.5 9.9 14.9#

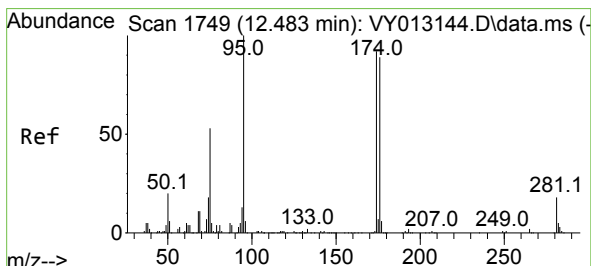
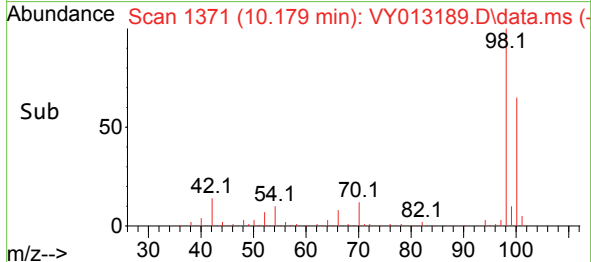
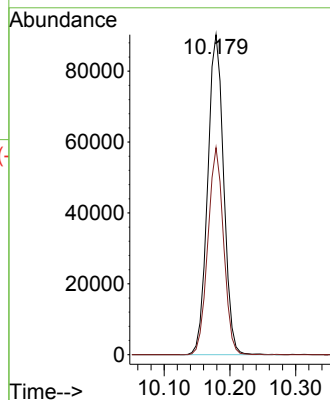
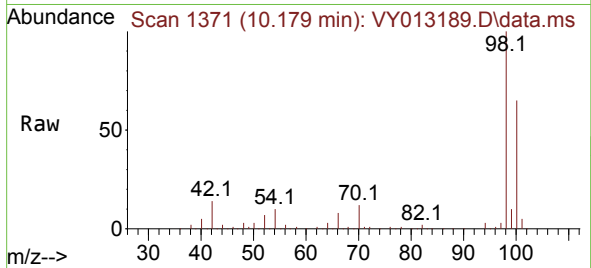




#50
Toluene-d8
Concen: 47.929 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013189.D
Acq: 04 Apr 2023 15:08

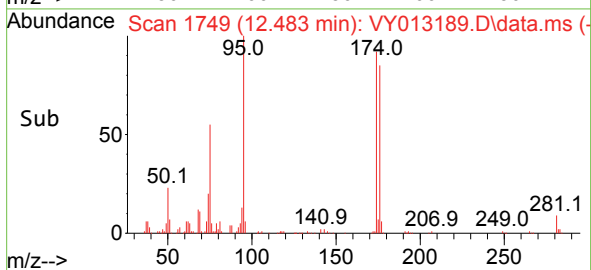
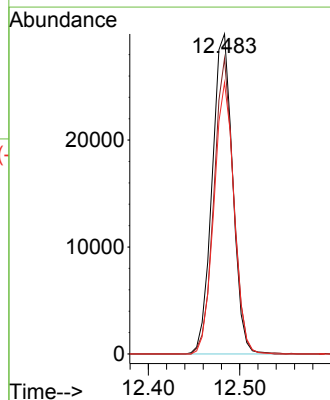
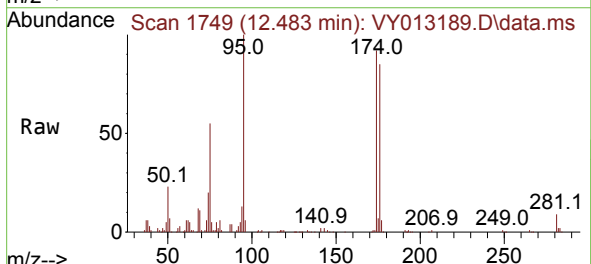
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01

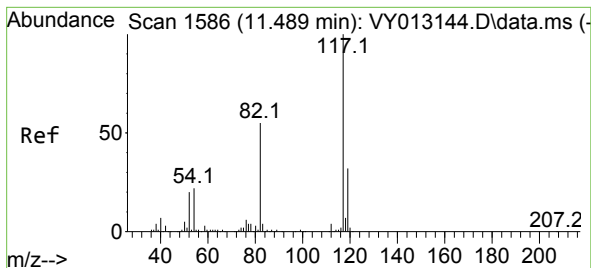
Tgt Ion: 98 Resp: 152684
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.859 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013189.D
Acq: 04 Apr 2023 15:08

Tgt Ion: 95 Resp: 46515
Ion Ratio Lower Upper
95 100
174 88.8 0.0 176.6
176 83.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013189.D

Acq: 04 Apr 2023 15:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBL01

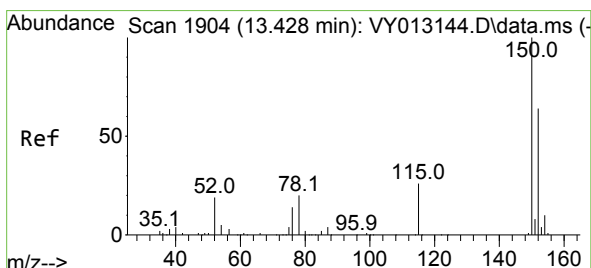
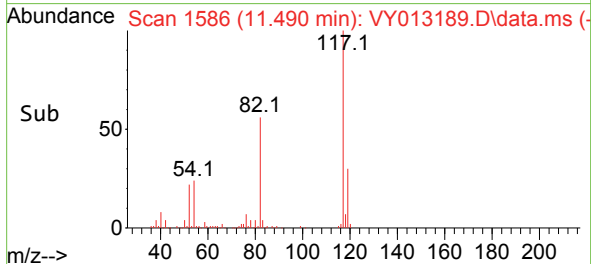
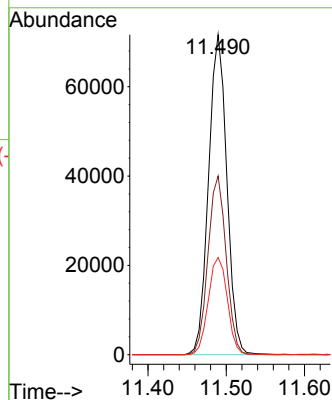
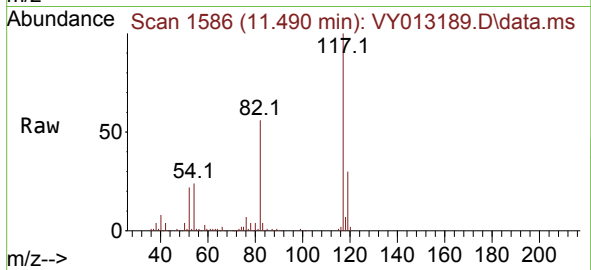
Tgt Ion:117 Resp: 116169

Ion Ratio Lower Upper

117 100

82 55.8 45.4 68.0

119 30.4 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: VY013189.D

Acq: 04 Apr 2023 15:08

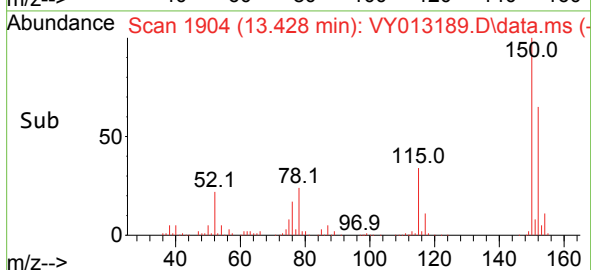
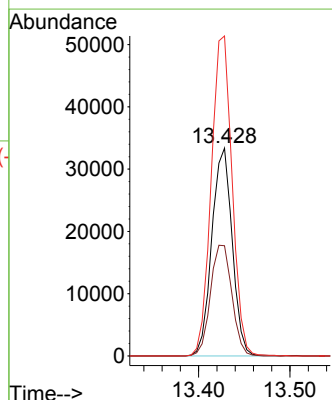
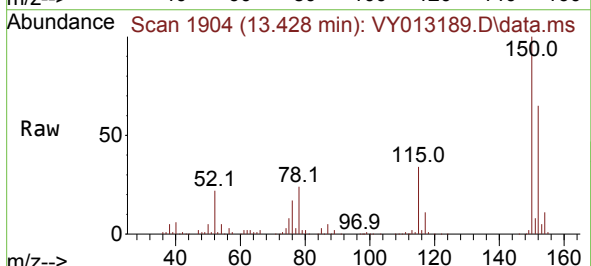
Tgt Ion:152 Resp: 51704

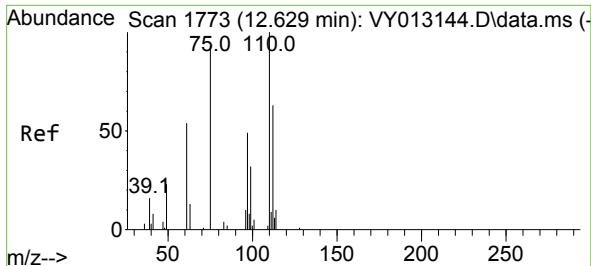
Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 157.6 0.0 347.8

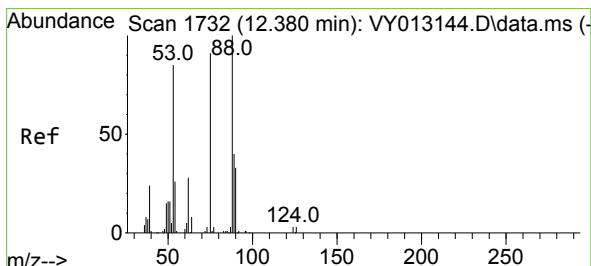
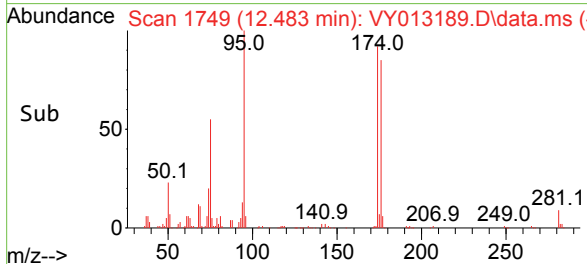
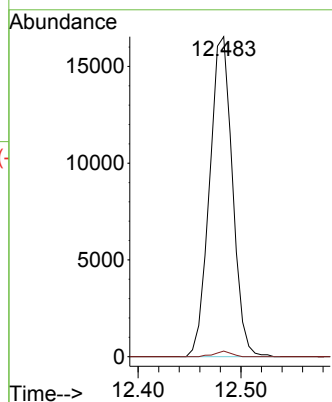
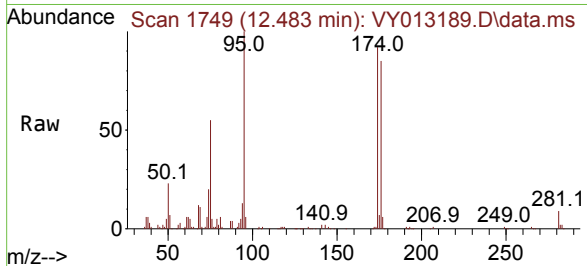




#76
1,2,3-Trichloropropane
Concen: 43.993 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013189.D
Acq: 04 Apr 2023 15:08

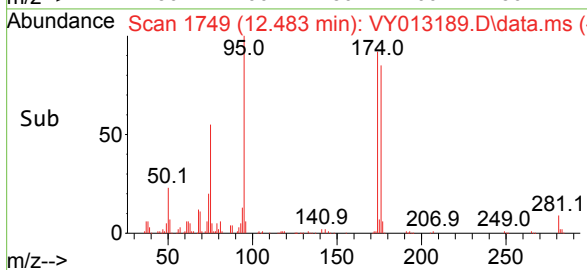
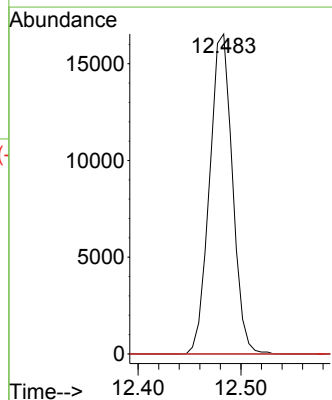
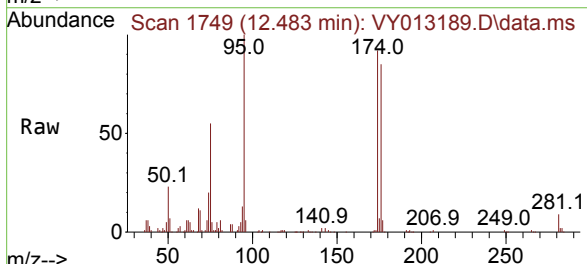
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01

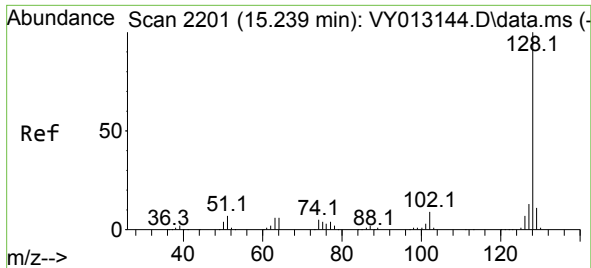
Tgt Ion: 75 Resp: 25553
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.111 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY013189.D
Acq: 04 Apr 2023 15:08

Tgt Ion: 75 Resp: 25553
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#





#95

Naphthalene

Concen: 3.552 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013189.D

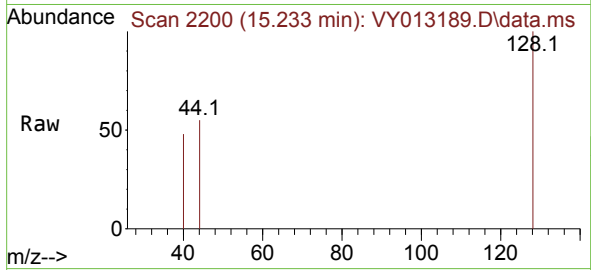
Acq: 04 Apr 2023 15:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBL01



Tgt Ion:128 Resp: 661

Ion Ratio Lower Upper

128 100

127 9.7 10.3 15.5#

129 0.0 8.6 13.0#

