

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
 Data File : VY013138.D
 Acq On : 29 Mar 2023 18:32
 Operator : KP/MD
 Sample : 02126-06
 Misc : 6.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-F

Quant Time: Mar 29 23:34:36 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)

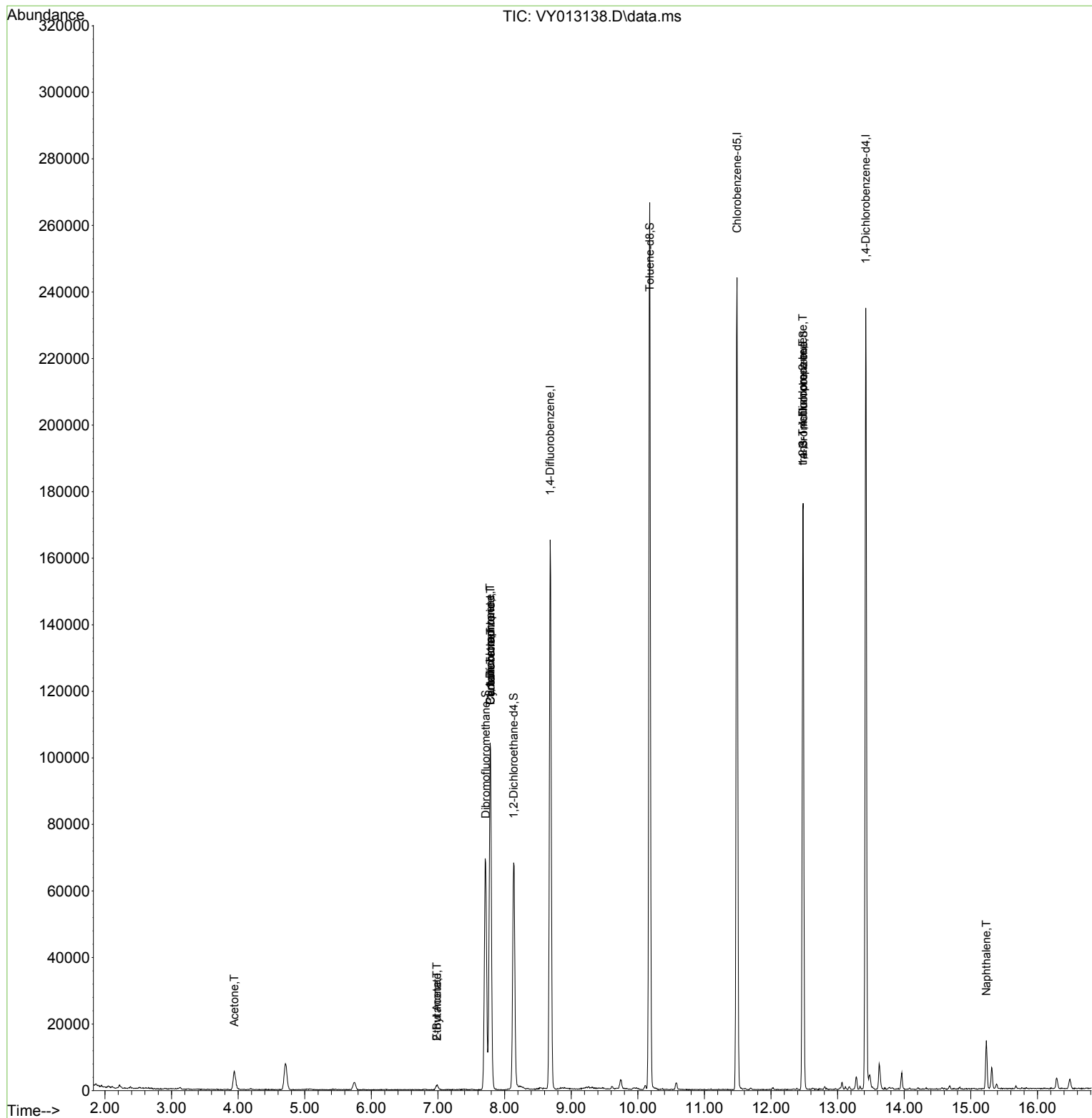
Internal Standards						
1) Pentafluorobenzene	7.789	168	80004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	138209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	129810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53251	67.038	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 134.080%	
35) Dibromofluoromethane	7.716	113	48662	58.341	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 116.680%	
50) Toluene-d8	10.179	98	169147	55.471	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 110.940%	
62) 4-Bromofluorobenzene	12.483	95	51584	50.120	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 100.240%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	9770	31.336	ug/l #	88
25) 2-Butanone	6.984	43	2614	6.769	ug/l	95
31) Cyclohexane	7.789	56	1800	1.183	ug/l #	36
36) 1,1-Dichloropropene	7.783	75	6306	4.512	ug/l #	51
37) Ethyl Acetate	6.984	43	2614	2.967	ug/l #	69
38) Carbon Tetrachloride	7.789	117	8148	5.645	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	27218	37.834	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	27218	78.393	ug/l #	13
95) Naphthalene	15.233	128	11895	5.331	ug/l	99

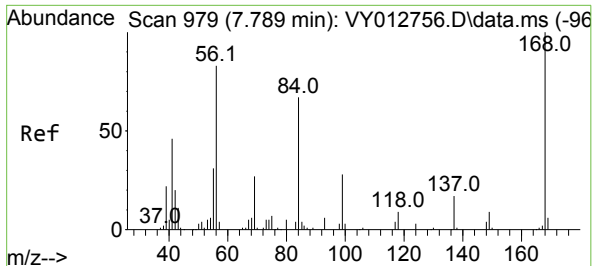
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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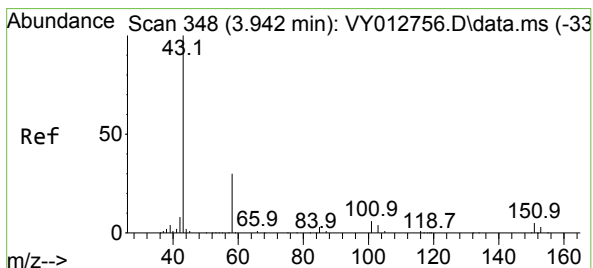
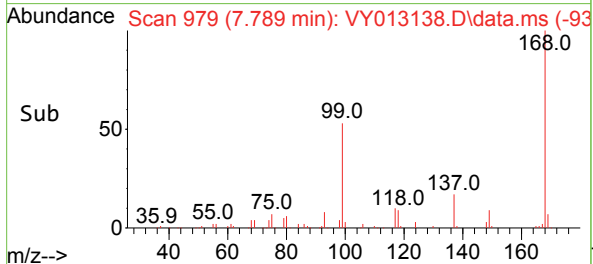
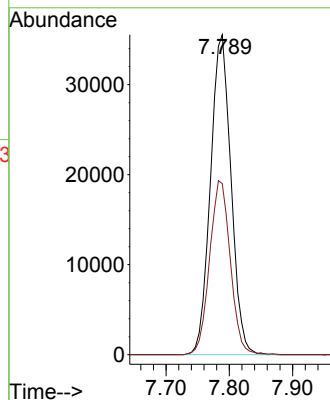
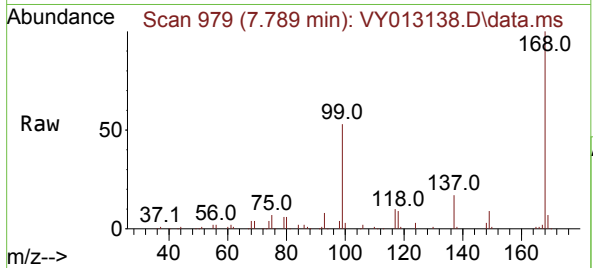




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013138.D
Acq: 29 Mar 2023 18:32

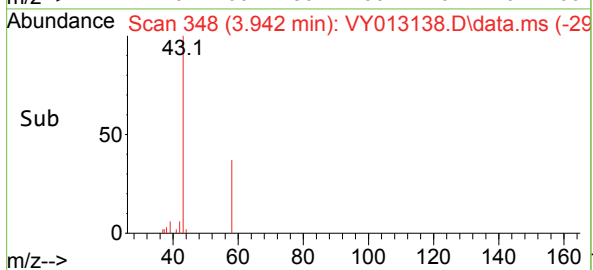
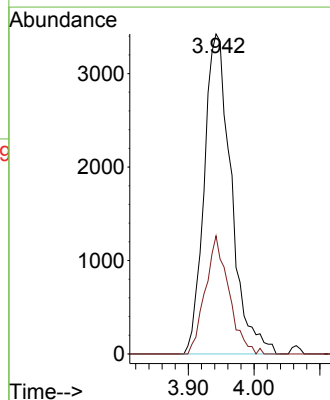
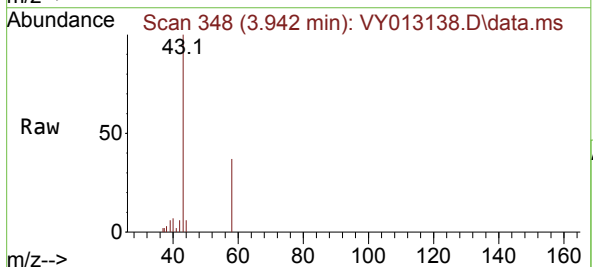
Instrument :
MSVOA_Y
ClientSampleId :
RS-F

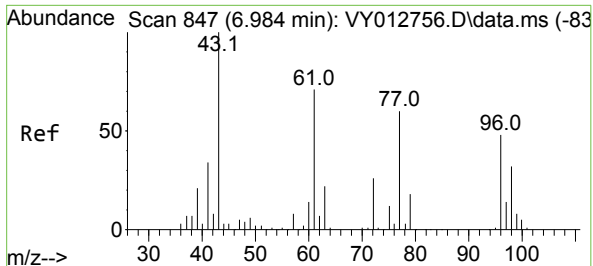
Tgt Ion:168 Resp: 80004
Ion Ratio Lower Upper
168 100
99 53.5 41.7 62.5



#16
Acetone
Concen: 31.336 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013138.D
Acq: 29 Mar 2023 18:32

Tgt Ion: 43 Resp: 9770
Ion Ratio Lower Upper
43 100
58 36.9 24.2 36.2#





#25

2-Butanone

Concen: 6.769 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013138.D

Acq: 29 Mar 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

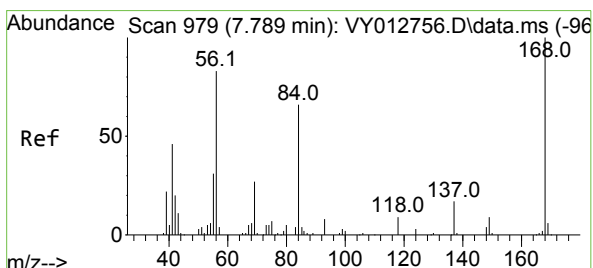
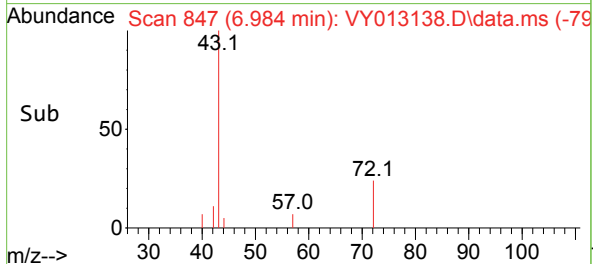
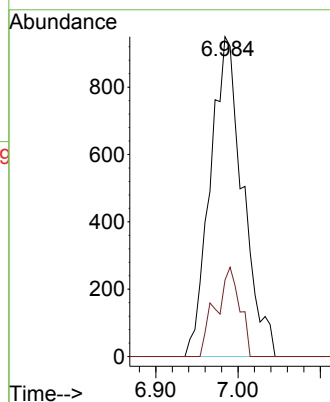
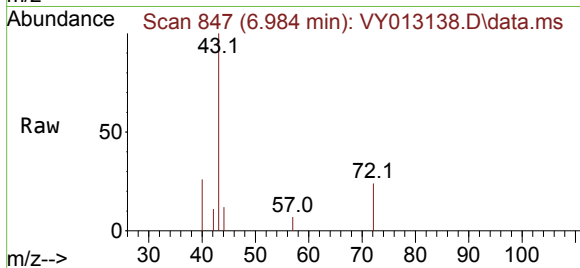
RS-F

Tgt Ion: 43 Resp: 2614

Ion Ratio Lower Upper

43 100

72 23.9 21.0 31.4



#31

Cyclohexane

Concen: 1.183 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY013138.D

Acq: 29 Mar 2023 18:32

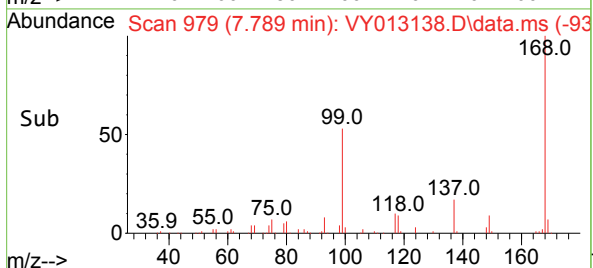
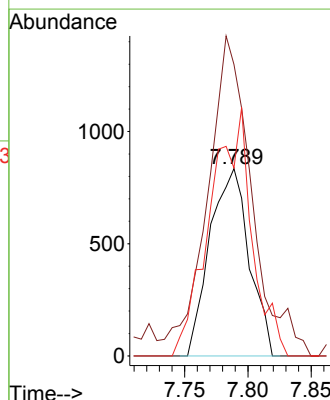
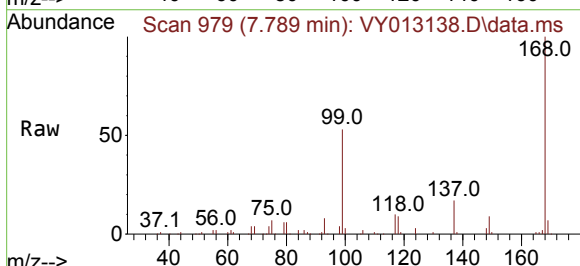
Tgt Ion: 56 Resp: 1800

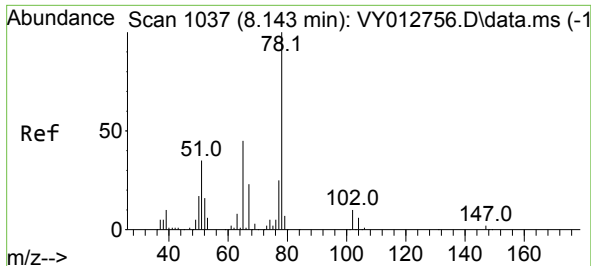
Ion Ratio Lower Upper

56 100

69 139.4 25.7 38.5#

84 91.3 64.3 96.5

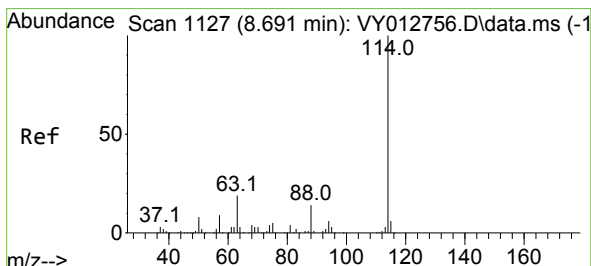
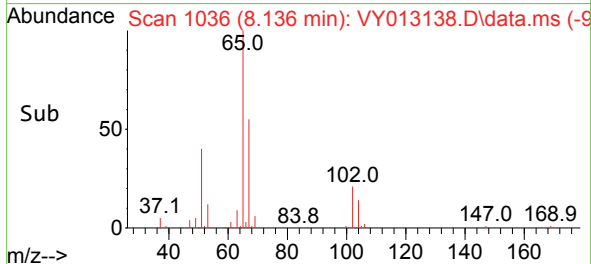
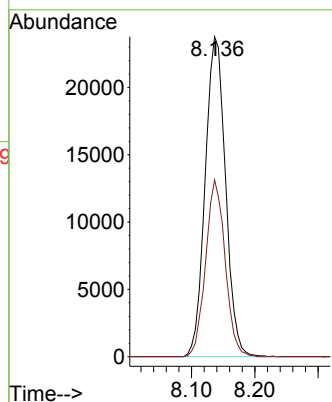
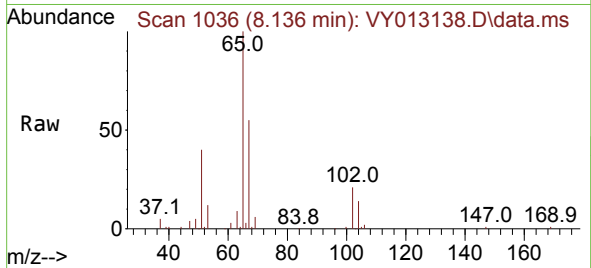




#33
 1,2-Dichloroethane-d4
 Concen: 67.038 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY013138.D
 Acq: 29 Mar 2023 18:32

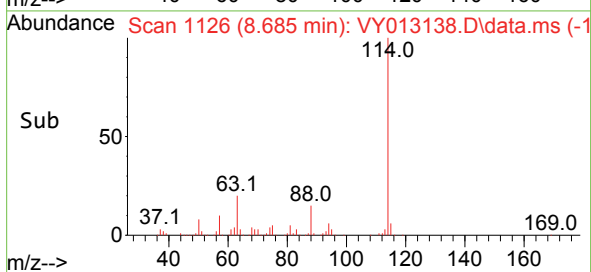
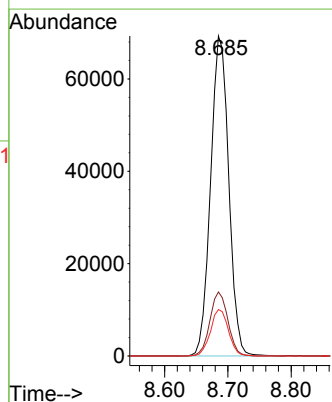
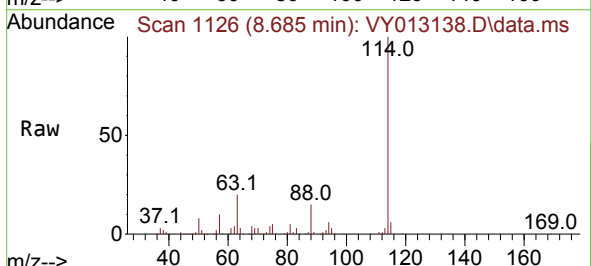
Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-F

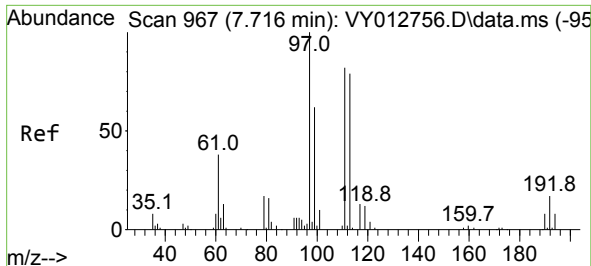
Tgt Ion: 65 Resp: 53251
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013138.D
 Acq: 29 Mar 2023 18:32

Tgt Ion: 114 Resp: 138209
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.4
 88 14.5 0.0 28.6

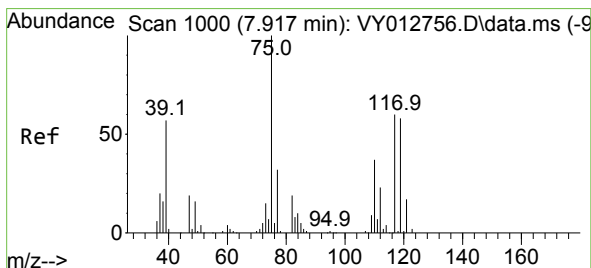
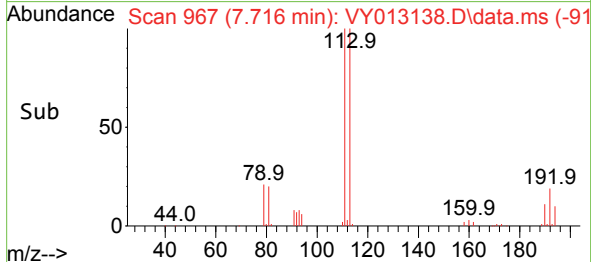
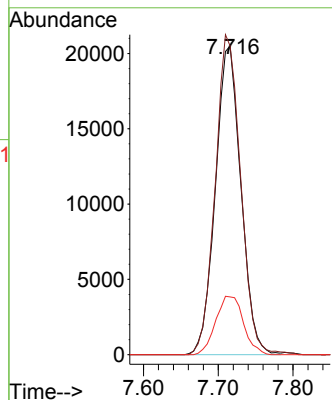
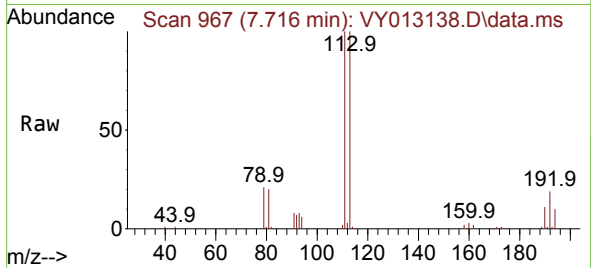




#35
Dibromofluoromethane
Concen: 58.341 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013138.D
Acq: 29 Mar 2023 18:32

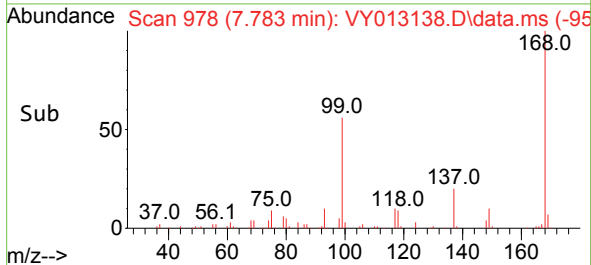
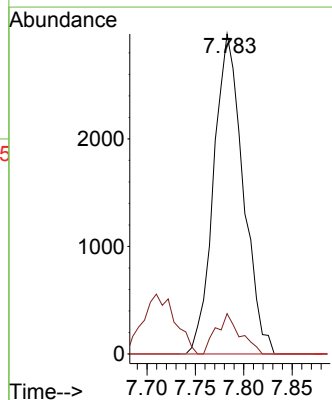
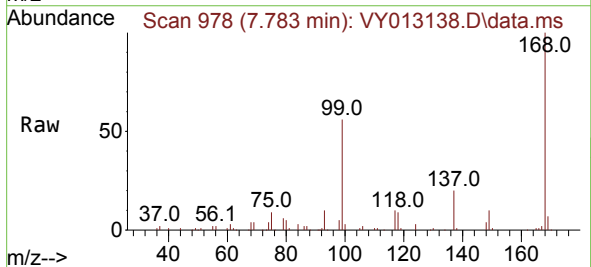
Instrument :
MSVOA_Y
ClientSampleId :
RS-F

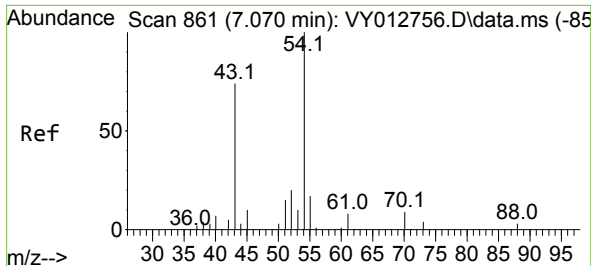
Tgt Ion:113 Resp: 48662
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 20.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.512 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013138.D
Acq: 29 Mar 2023 18:32

Tgt Ion: 75 Resp: 6306
Ion Ratio Lower Upper
75 100
110 10.3 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 2.967 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.085 min

Lab File: VY013138.D

Acq: 29 Mar 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

RS-F

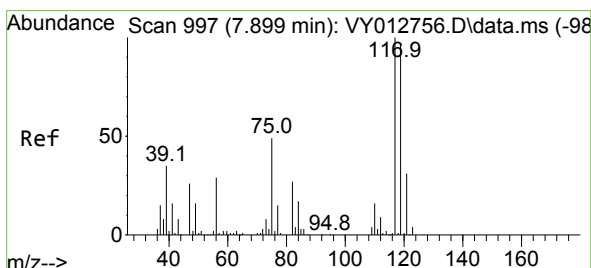
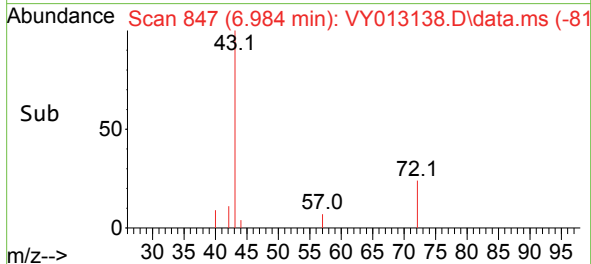
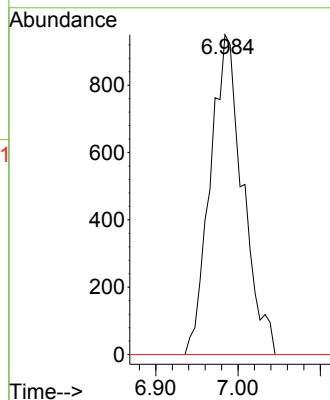
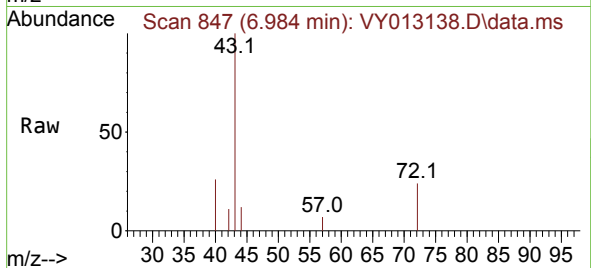
Tgt Ion: 43 Resp: 2614

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 5.645 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013138.D

Acq: 29 Mar 2023 18:32

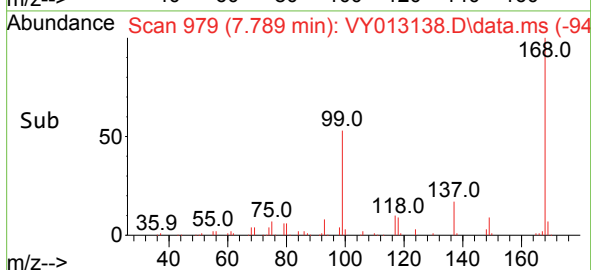
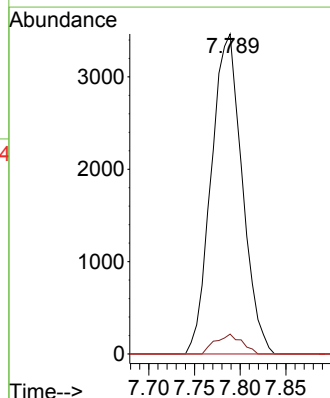
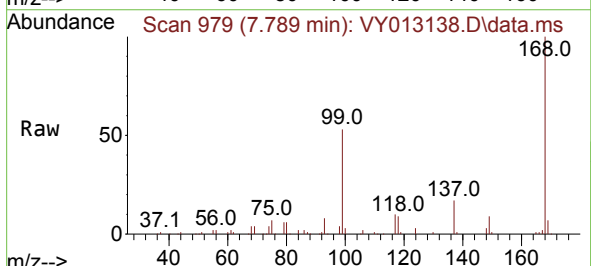
Tgt Ion: 117 Resp: 8148

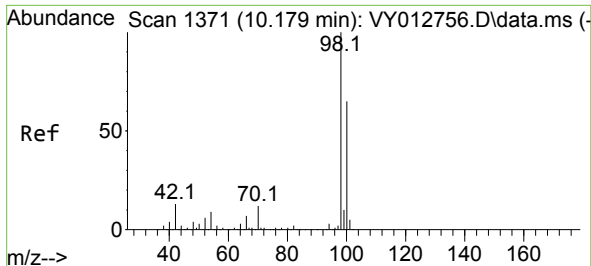
Ion Ratio Lower Upper

117 100

119 6.2 77.2 115.8#

121 0.0 24.7 37.1#

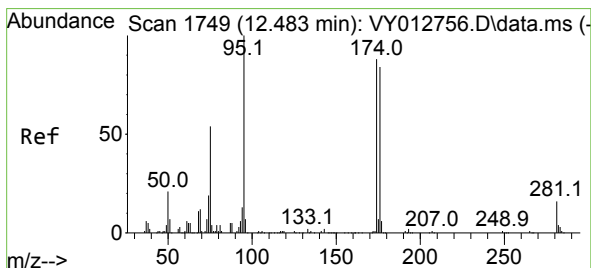
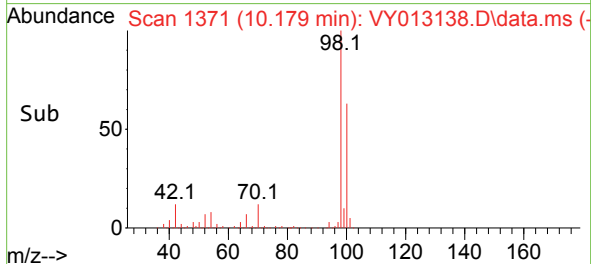
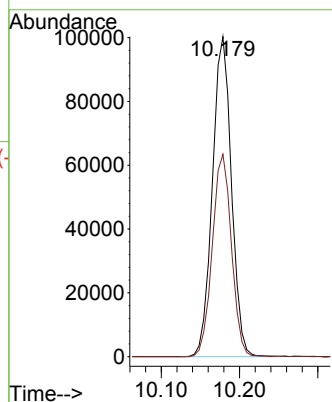
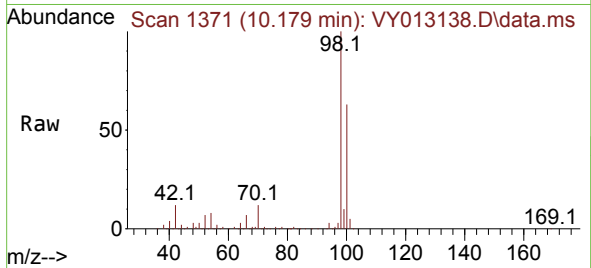




#50
Toluene-d8
Concen: 55.471 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013138.D
Acq: 29 Mar 2023 18:32

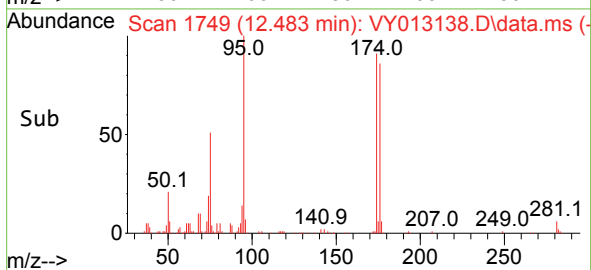
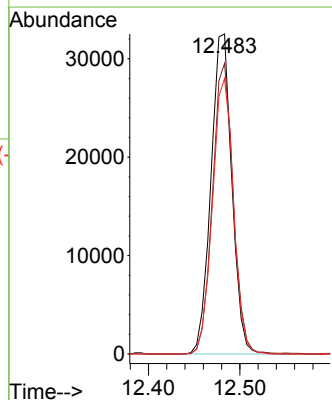
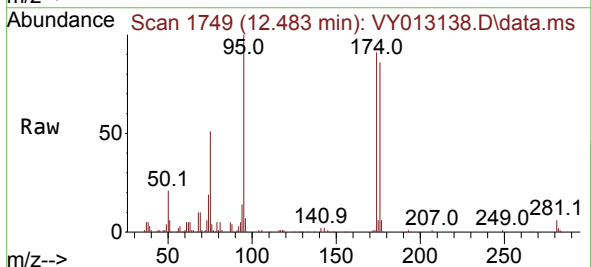
Instrument :
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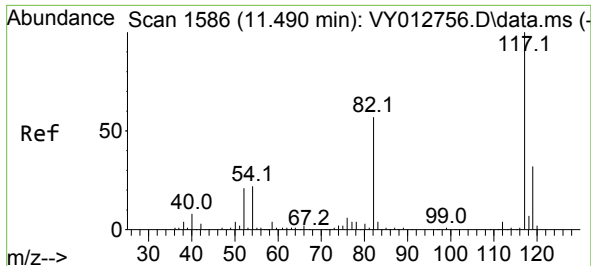
Tgt Ion: 98 Resp: 169147
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.120 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013138.D
Acq: 29 Mar 2023 18:32

Tgt Ion: 95 Resp: 51584
Ion Ratio Lower Upper
95 100
174 90.3 0.0 176.6
176 86.7 0.0 170.2

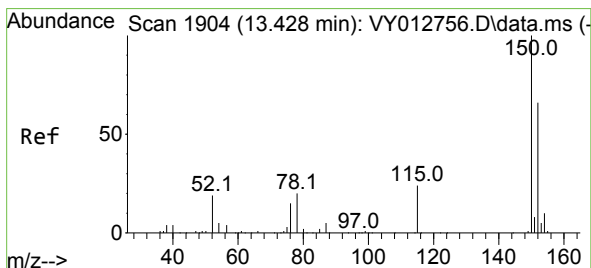
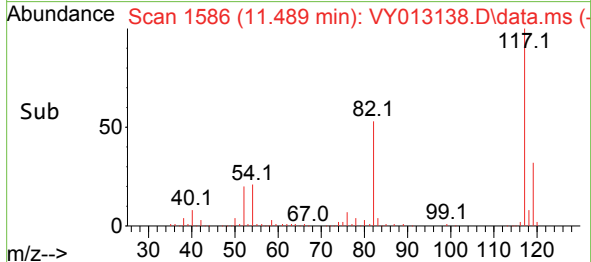
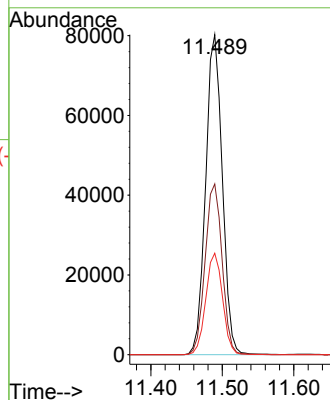
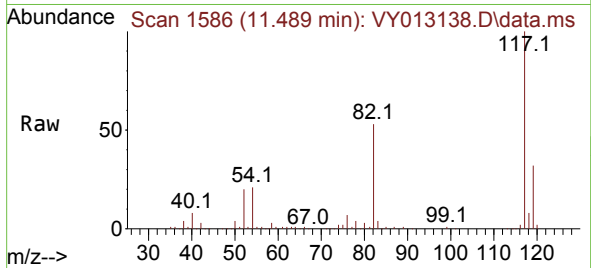




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013138.D
Acq: 29 Mar 2023 18:32

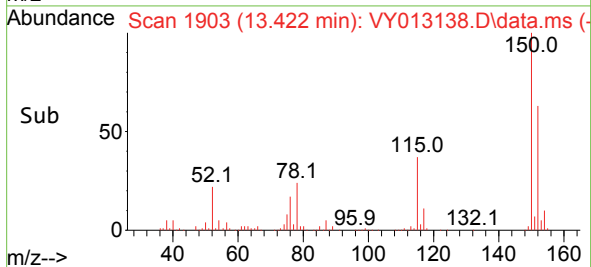
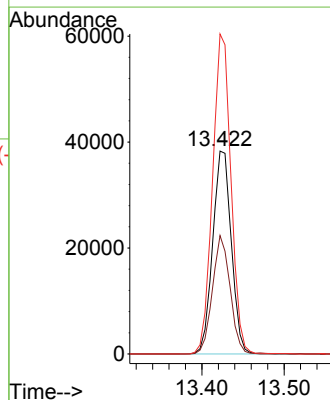
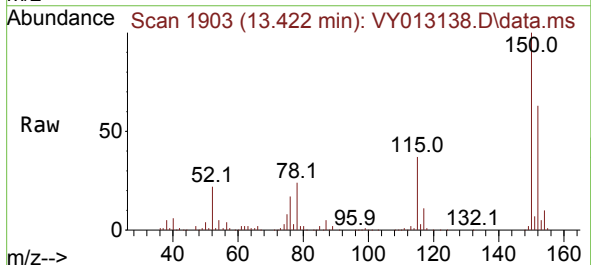
Instrument :
MSVOA_Y
ClientSampleId :
RS-F

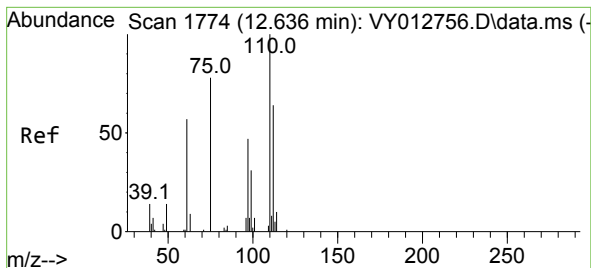
Tgt Ion:117 Resp: 129810
Ion Ratio Lower Upper
117 100
82 53.4 45.4 68.0
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013138.D
Acq: 29 Mar 2023 18:32

Tgt Ion:152 Resp: 60244
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.3
150 155.5 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 37.834 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY013138.D

Acq: 29 Mar 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

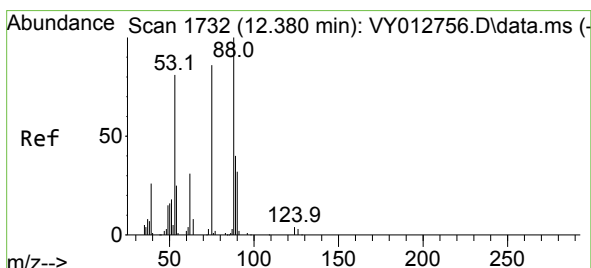
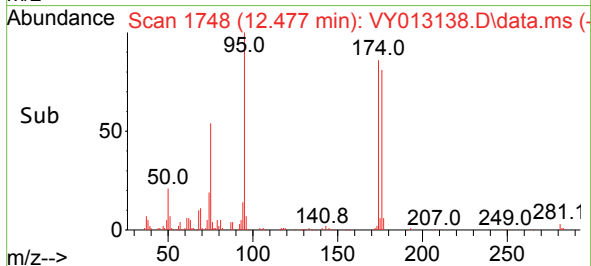
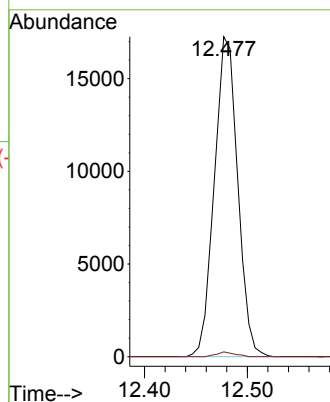
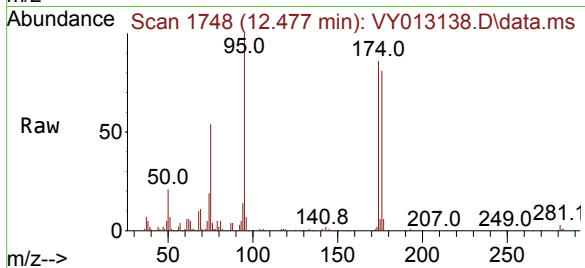
RS-F

Tgt Ion: 75 Resp: 27218

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.393 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY013138.D

Acq: 29 Mar 2023 18:32

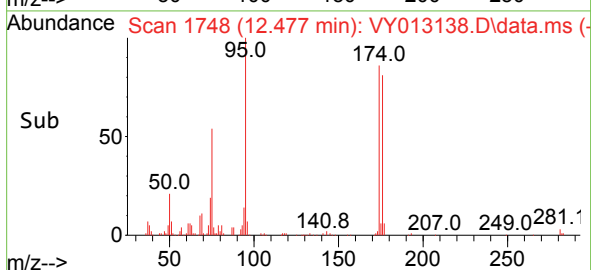
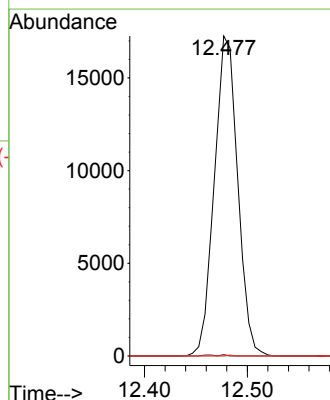
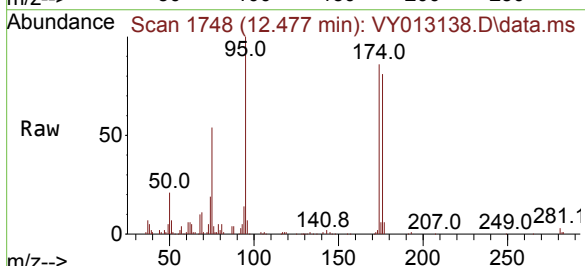
Tgt Ion: 75 Resp: 27218

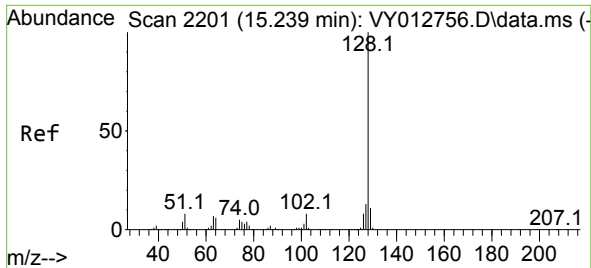
Ion Ratio Lower Upper

75 100

53 0.1 73.4 110.0#

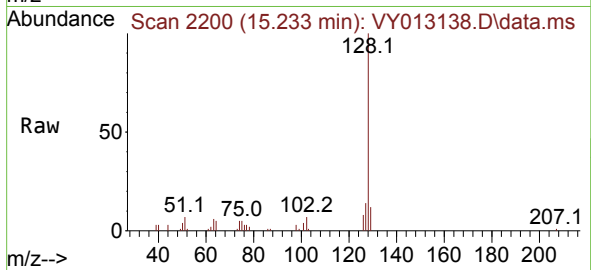
89 0.1 36.6 55.0#





#95
Naphthalene
Concen: 5.331 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013138.D
Acq: 29 Mar 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :
RS-F



Tgt Ion:	128	Resp:	11895
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.6	8.6	13.0

