

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
 Data File : VY013127.D
 Acq On : 29 Mar 2023 11:18
 Operator : KP/MD
 Sample : VY0329SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0329SBL01

Quant Time: Mar 29 23:30:51 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)

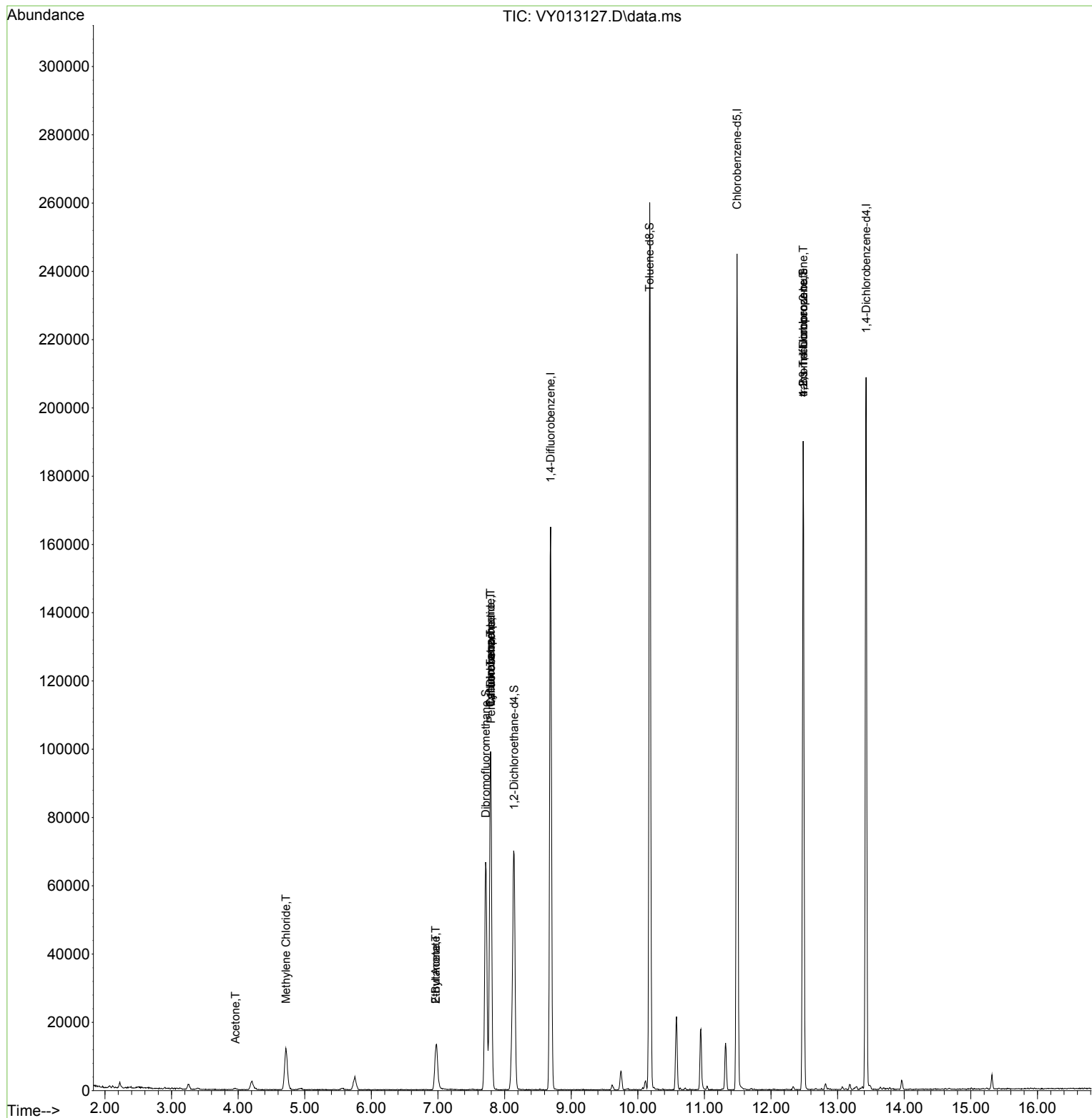
Internal Standards						
1) Pentafluorobenzene	7.795	168	77013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	134861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	127945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	50441	65.967	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.940%			
35) Dibromofluoromethane	7.716	113	46468	57.094	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.180%			
50) Toluene-d8	10.179	98	164841	55.401	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.800%			
62) 4-Bromofluorobenzene	12.483	95	48810	48.602	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.200%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	473	Below Cal	#	74
16) Acetone	3.960	43	731	2.436	ug/l	91
20) Methylene Chloride	4.716	84	8600	4.501	ug/l	98
25) 2-Butanone	6.966	43	948	2.550	ug/l	99
31) Cyclohexane	7.789	56	1755	1.198	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6277	4.602	ug/l #	50
37) Ethyl Acetate	6.966	43	948	1.103	ug/l #	1
38) Carbon Tetrachloride	7.789	117	7586	5.386	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	26729	42.385	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26729	87.823	ug/l #	13

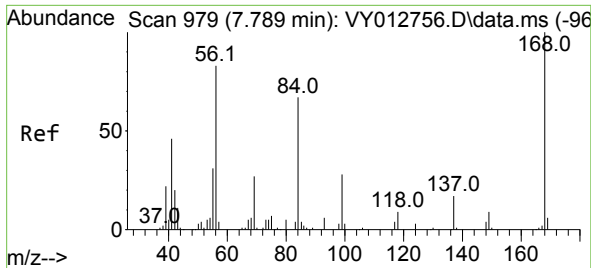
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

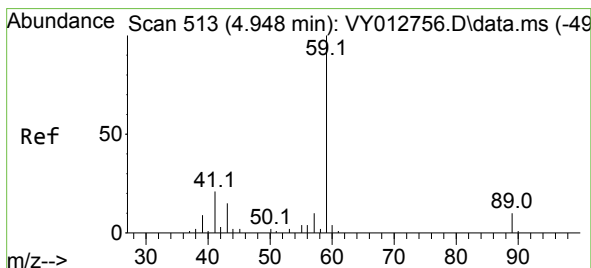
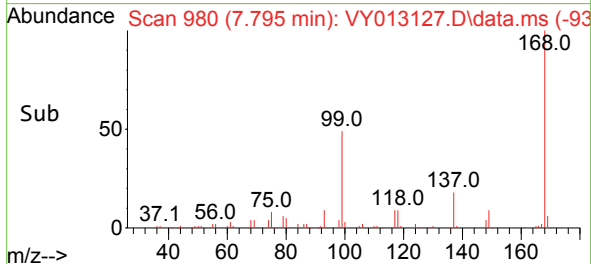
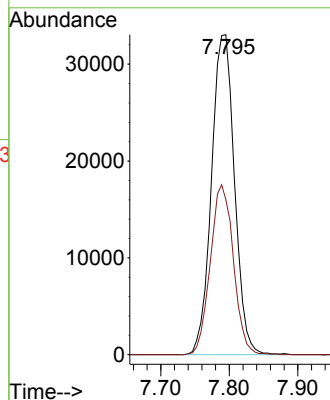
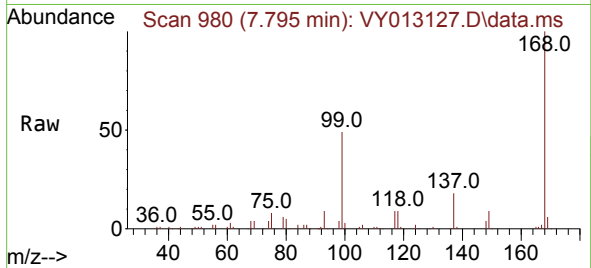




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013127.D
Acq: 29 Mar 2023 11:18

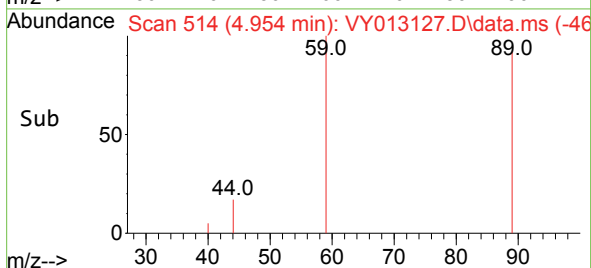
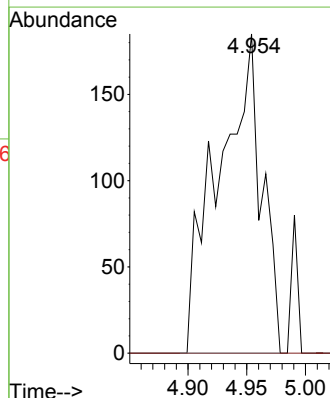
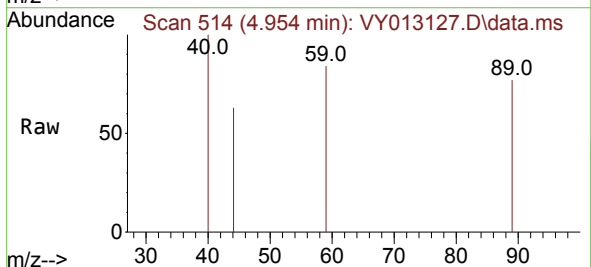
Instrument :
MSVOA_Y
ClientSampleId :
VY0329SBL01

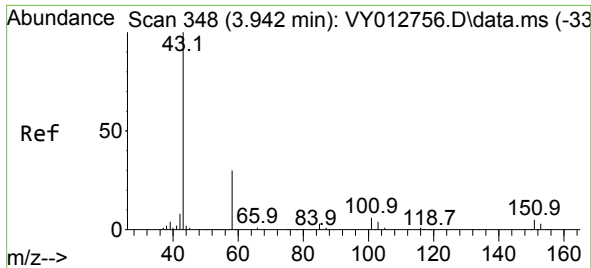
Tgt Ion:168 Resp: 77013
Ion Ratio Lower Upper
168 100
99 48.5 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY013127.D
Acq: 29 Mar 2023 11:18

Tgt Ion: 59 Resp: 473
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 2.436 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.018 min

Lab File: VY013127.D

Acq: 29 Mar 2023 11:18

Instrument :

MSVOA_Y

ClientSampleId :

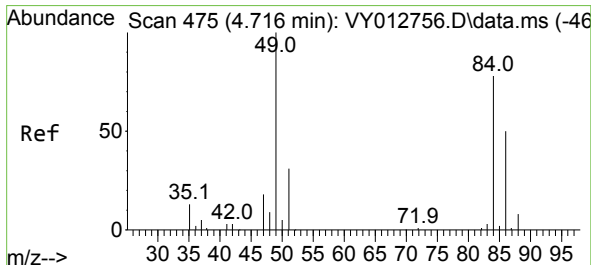
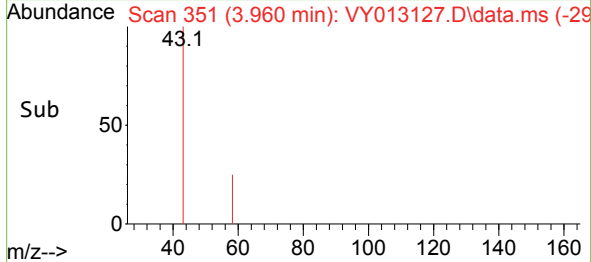
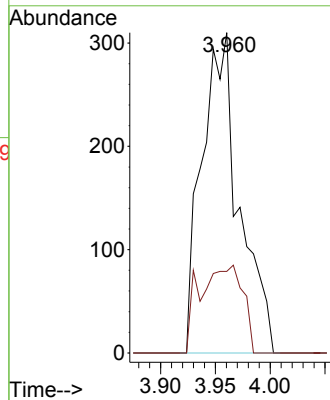
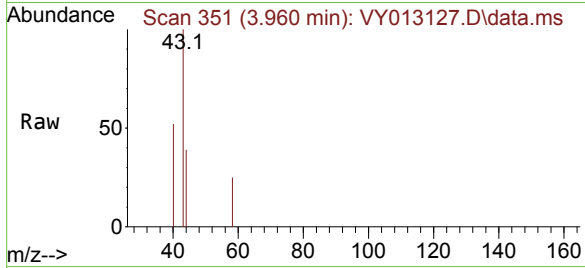
VY0329SBL01

Tgt Ion: 43 Resp: 731

Ion Ratio Lower Upper

43 100

58 25.5 24.2 36.2



#20

Methylene Chloride

Concen: 4.501 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013127.D

Acq: 29 Mar 2023 11:18

Tgt Ion: 84 Resp: 8600

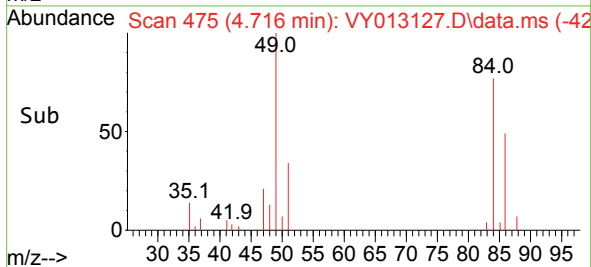
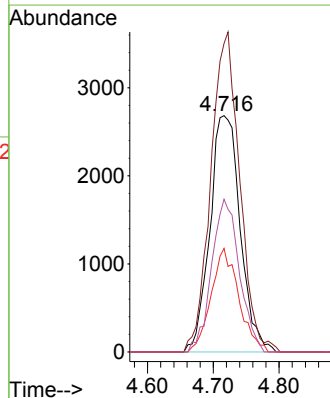
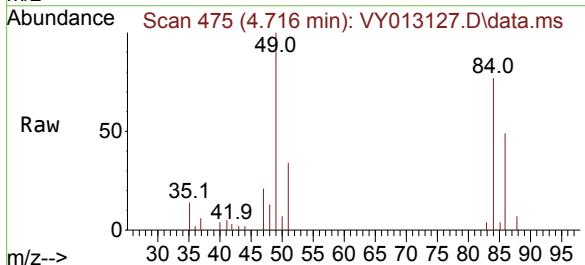
Ion Ratio Lower Upper

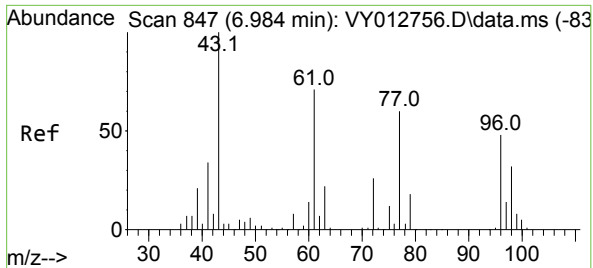
84 100

49 130.5 102.6 154.0

51 43.8 31.9 47.9

86 64.6 51.0 76.6

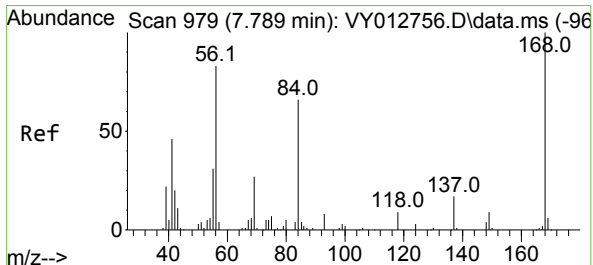
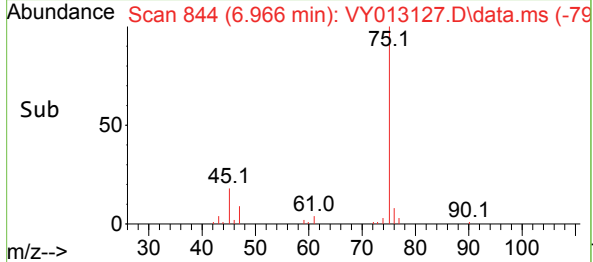
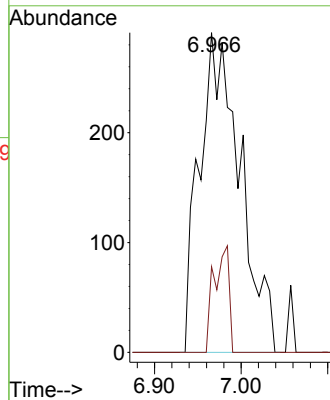
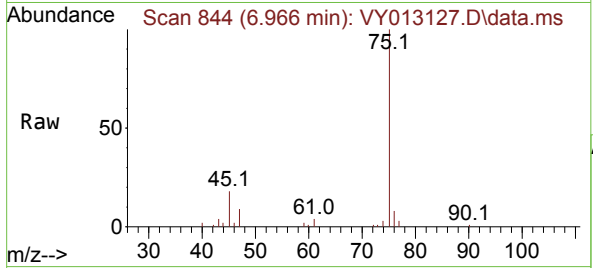




#25
2-Butanone
Concen: 2.550 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY013127.D
Acq: 29 Mar 2023 11:18

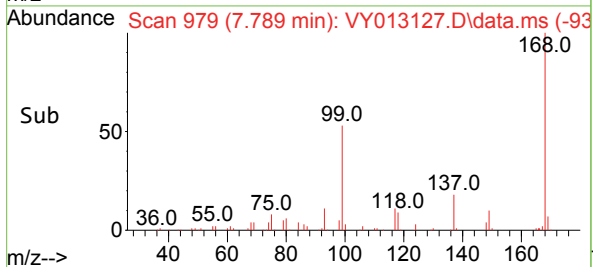
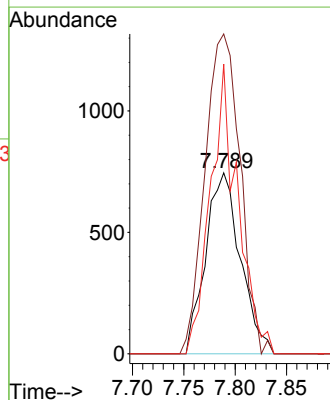
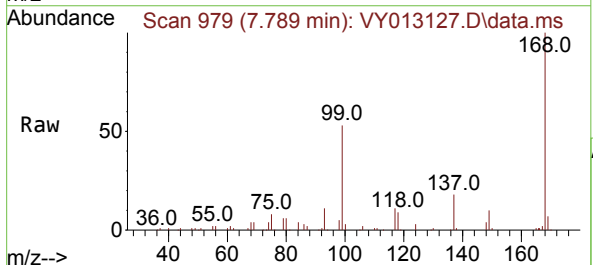
Instrument :
MSVOA_Y
ClientSampleId :
VY0329SBL01

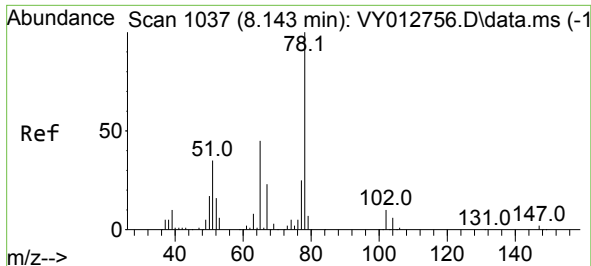
Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
72 26.8 21.0 31.4



#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY013127.D
Acq: 29 Mar 2023 11:18

Tgt Ion: 56 Resp: 1755
Ion Ratio Lower Upper
56 100
69 176.8 25.7 38.5#
84 160.1 64.3 96.5#

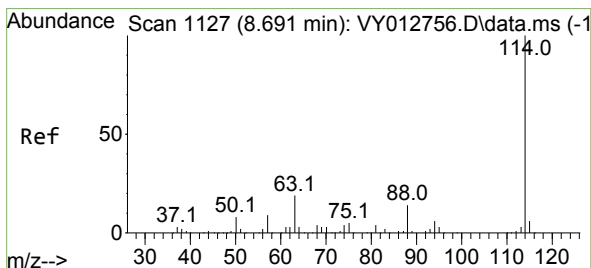
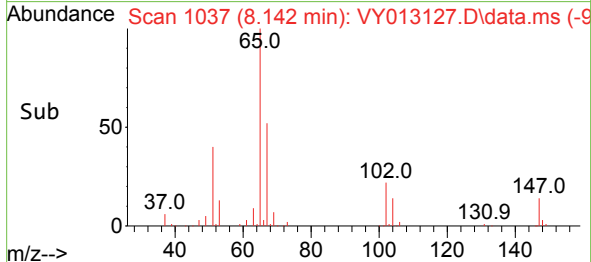
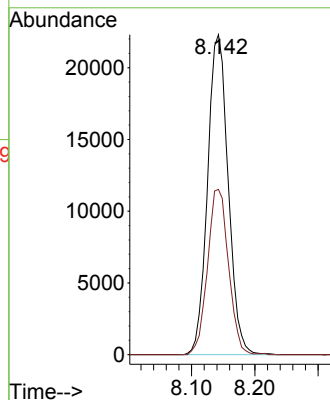
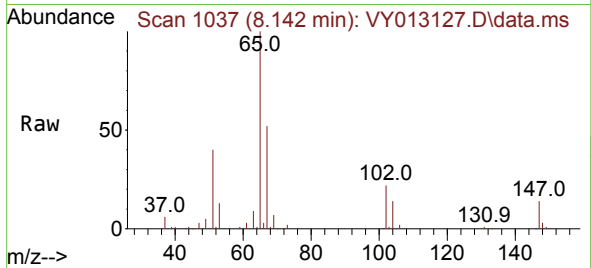




#33
 1,2-Dichloroethane-d4
 Concen: 65.967 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY013127.D
 Acq: 29 Mar 2023 11:18

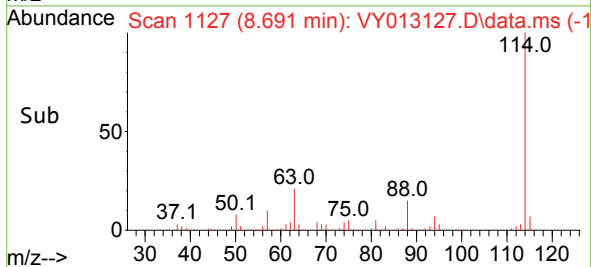
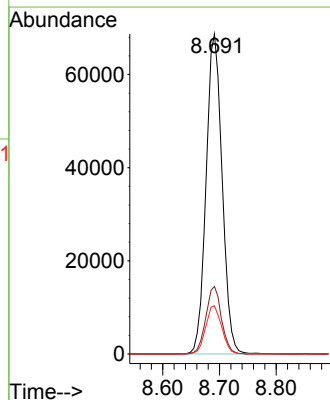
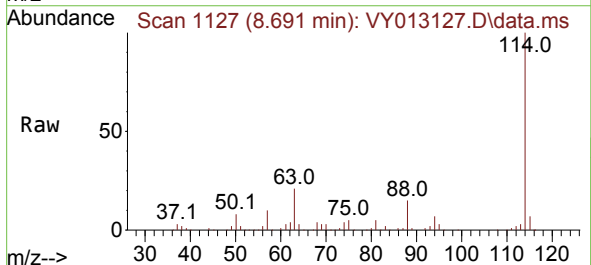
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0329SBL01

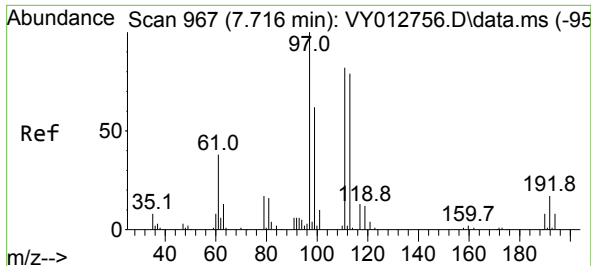
Tgt Ion: 65 Resp: 50441
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY013127.D
 Acq: 29 Mar 2023 11:18

Tgt Ion: 114 Resp: 134861
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 37.4
 88 15.1 0.0 28.6

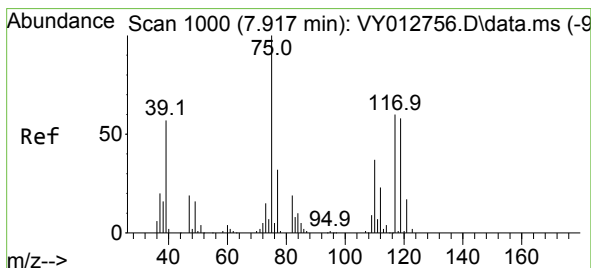
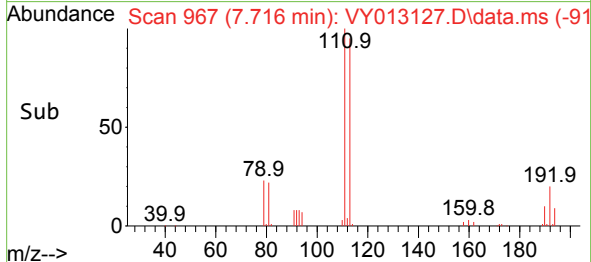
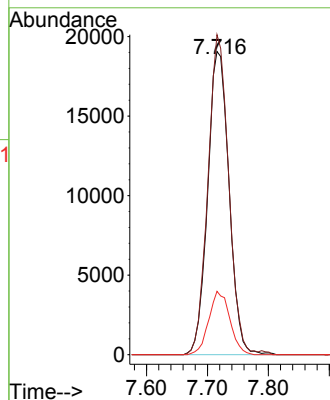
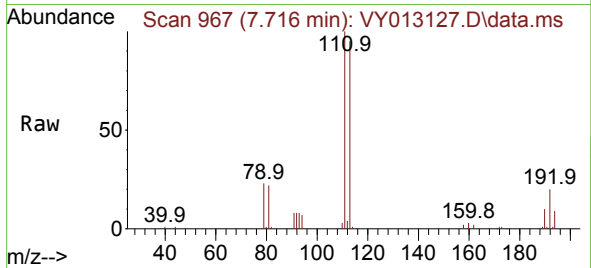




#35
Dibromofluoromethane
Concen: 57.094 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013127.D
Acq: 29 Mar 2023 11:18

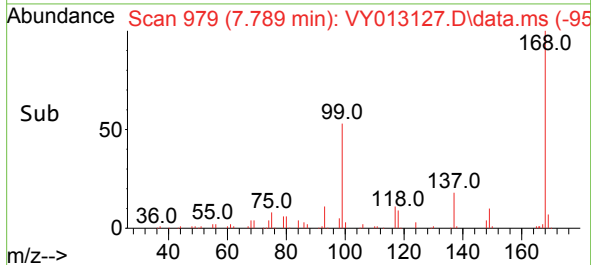
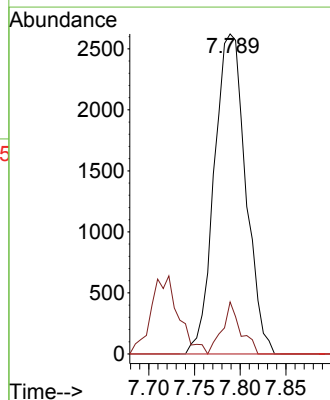
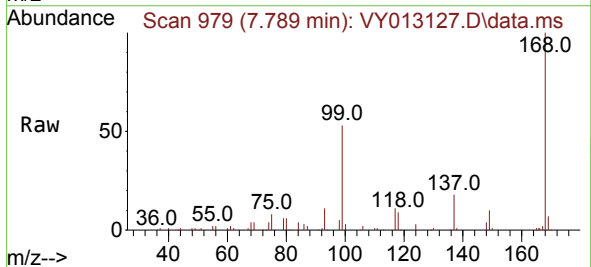
Instrument :
MSVOA_Y
ClientSampleId :
VY0329SBL01

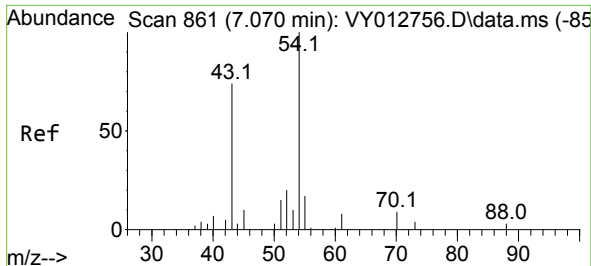
Tgt Ion:113 Resp: 46468
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.602 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013127.D
Acq: 29 Mar 2023 11:18

Tgt Ion: 75 Resp: 6277
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.103 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.104 min

Lab File: VY013127.D

Acq: 29 Mar 2023 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0329SBL01

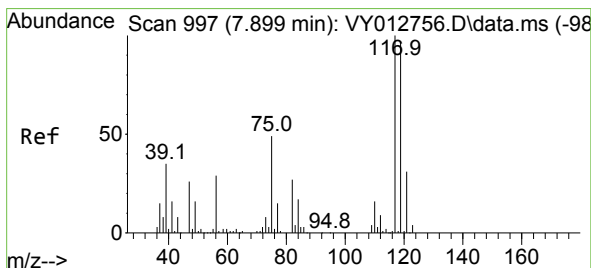
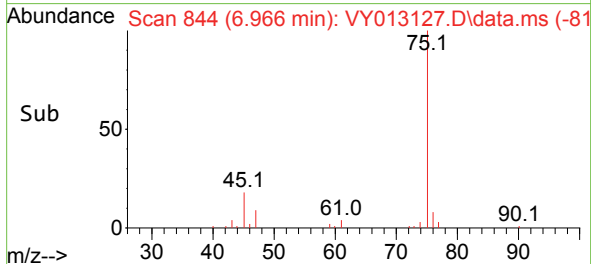
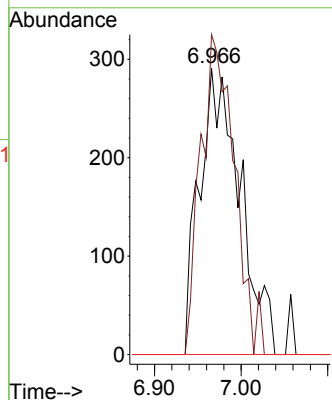
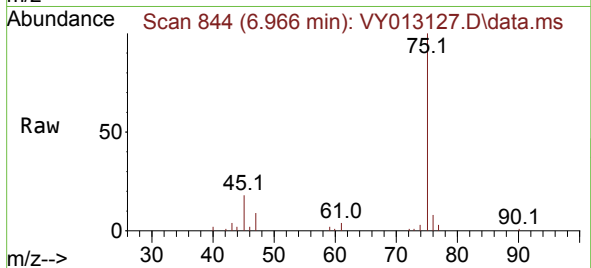
Tgt Ion: 43 Resp: 948

Ion Ratio Lower Upper

43 100

61 93.1 10.7 16.1#

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 5.386 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013127.D

Acq: 29 Mar 2023 11:18

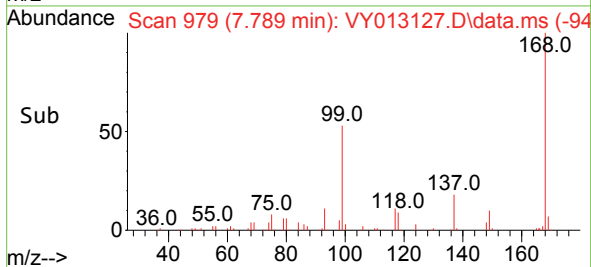
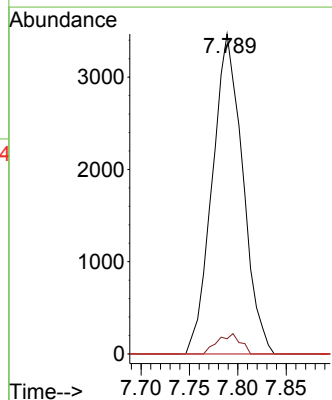
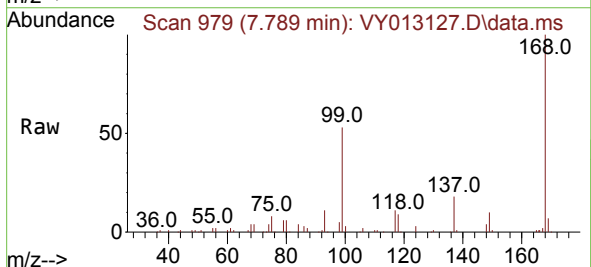
Tgt Ion: 117 Resp: 7586

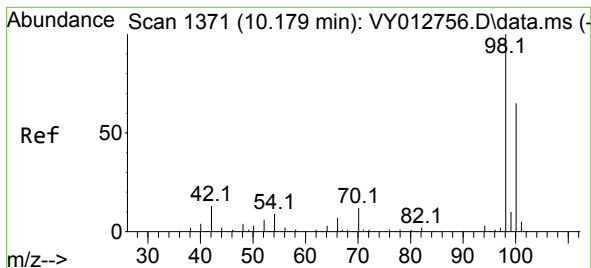
Ion Ratio Lower Upper

117 100

119 4.7 77.2 115.8#

121 0.0 24.7 37.1#

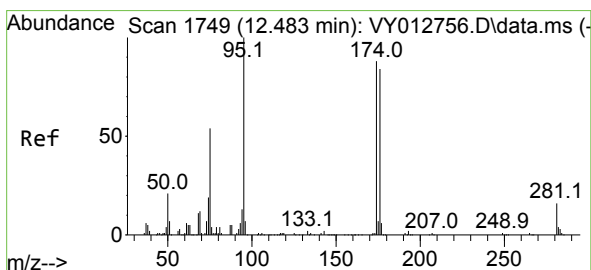
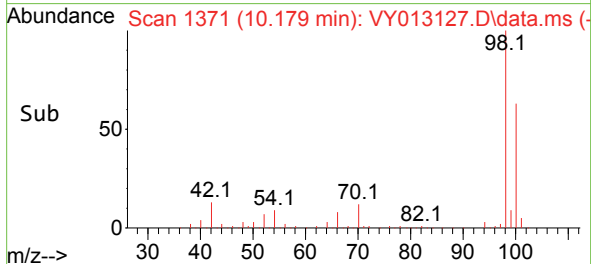
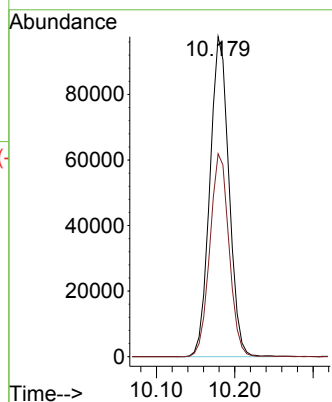
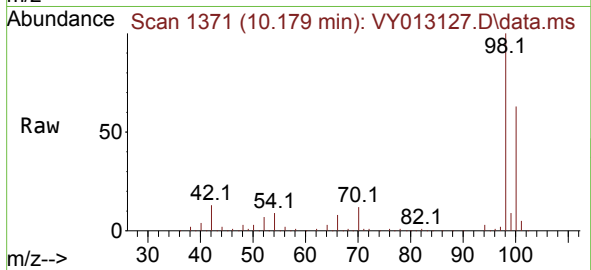




#50
Toluene-d8
Concen: 55.401 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013127.D
Acq: 29 Mar 2023 11:18

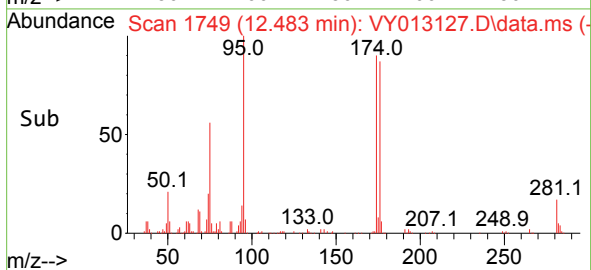
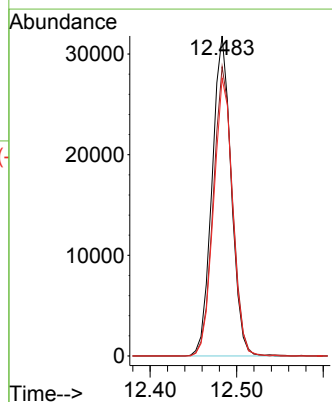
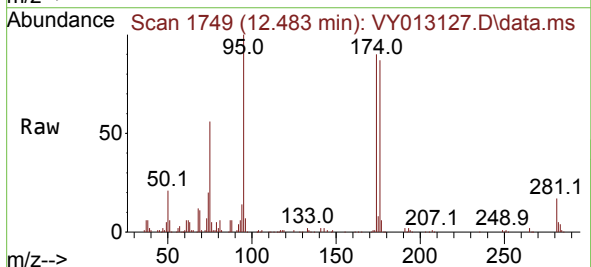
Instrument :
MSVOA_Y
ClientSampleId :
VY0329SBL01

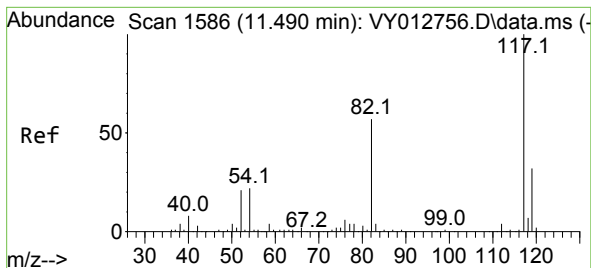
Tgt Ion: 98 Resp: 164841
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.602 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013127.D
Acq: 29 Mar 2023 11:18

Tgt Ion: 95 Resp: 48810
Ion Ratio Lower Upper
95 100
174 91.2 0.0 176.6
176 86.6 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: VY013127.D

Acq: 29 Mar 2023 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0329SBL01

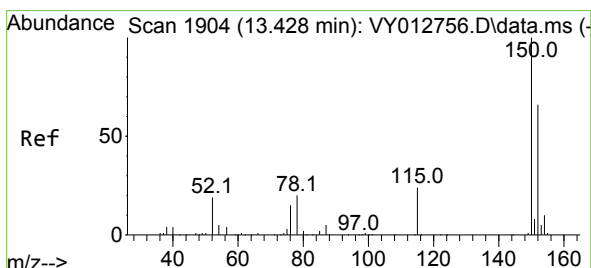
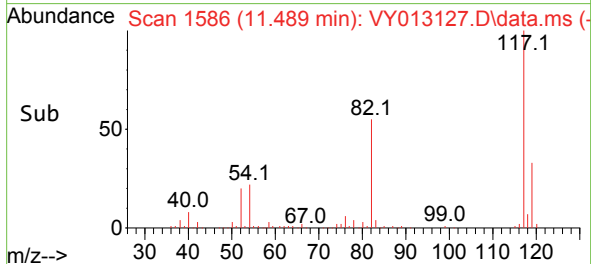
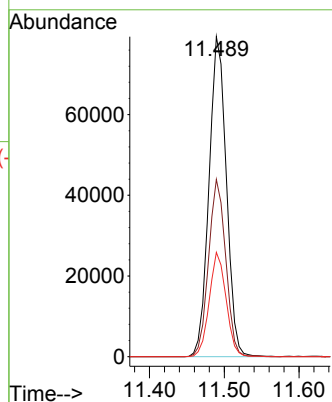
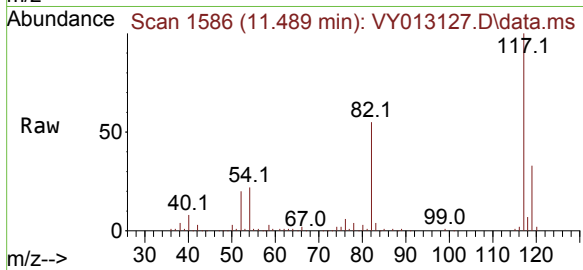
Tgt Ion:117 Resp: 127945

Ion Ratio Lower Upper

117 100

82 55.4 45.4 68.0

119 32.6 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: VY013127.D

Acq: 29 Mar 2023 11:18

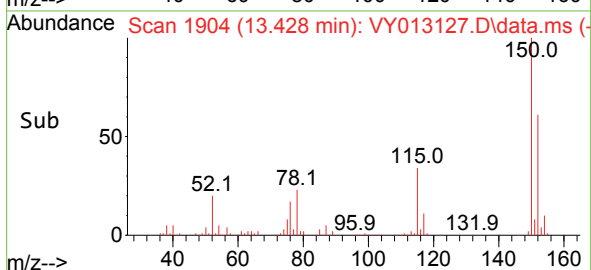
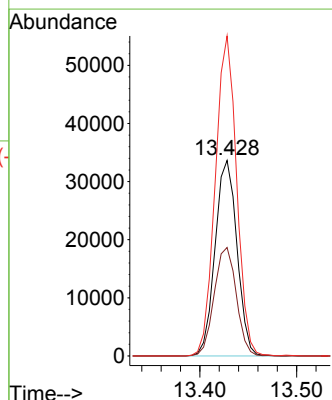
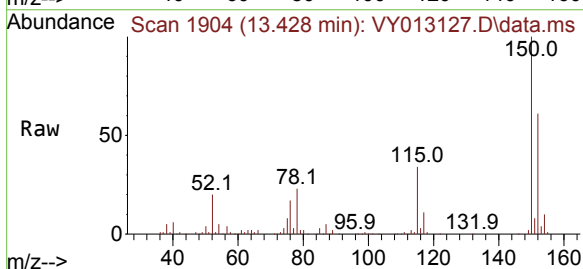
Tgt Ion:152 Resp: 52809

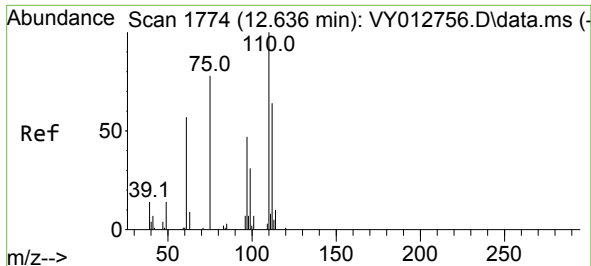
Ion Ratio Lower Upper

152 100

115 56.1 27.1 81.3

150 159.4 0.0 347.8

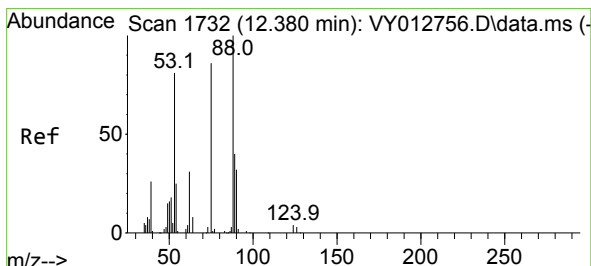
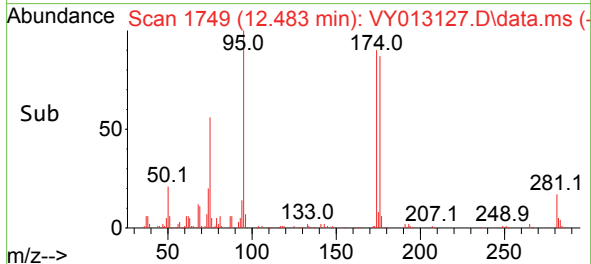
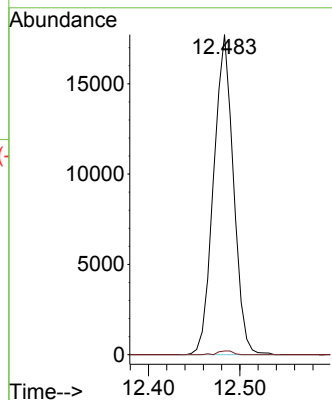
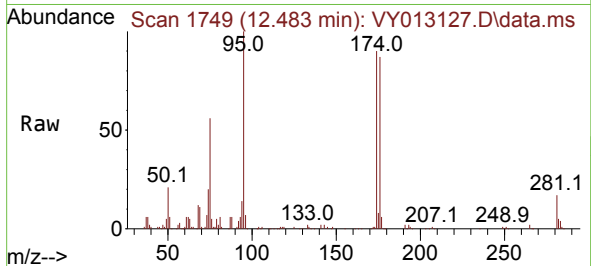




#76
1,2,3-Trichloropropane
Concen: 42.385 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY013127.D
Acq: 29 Mar 2023 11:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0329SBL01

Tgt Ion: 75 Resp: 26729
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.823 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013127.D
Acq: 29 Mar 2023 11:18

Tgt Ion: 75 Resp: 26729
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.1 36.6 55.0#

