

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013020.D
 Acq On : 21 Mar 2023 12:28
 Operator : KP/MD
 Sample : VY0321SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBL01

Quant Time: Mar 22 04:17:18 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)

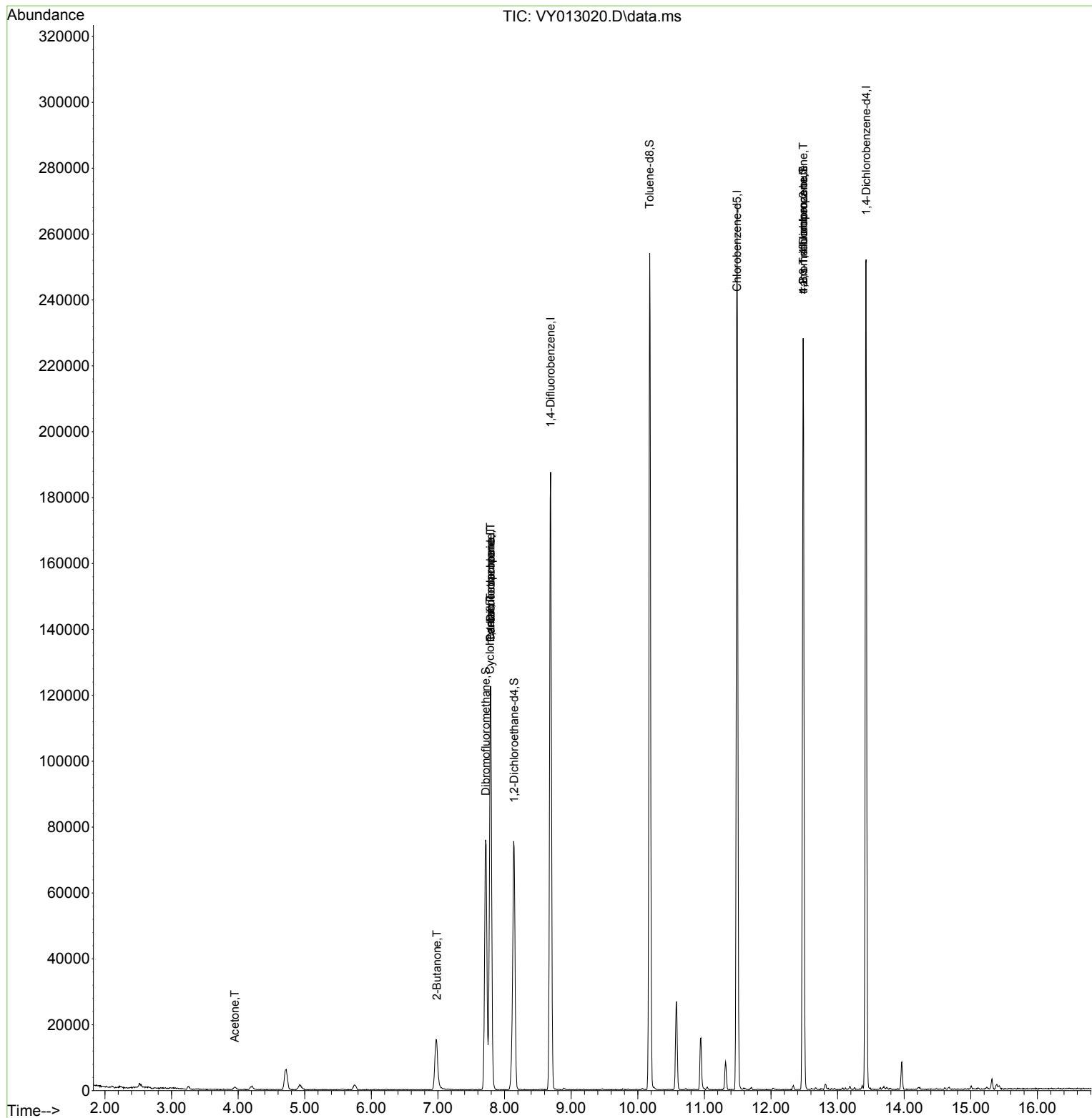
Internal Standards						
1) Pentafluorobenzene	7.789	168	95414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	156924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54765	57.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.620%
35) Dibromofluoromethane	7.716	113	54665	57.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.440%
50) Toluene-d8	10.179	98	164799	47.600	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.483	95	58349	49.932	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	1832	Below Cal	#	74
16) Acetone	3.948	43	1599	4.300	ug/l	90
20) Methylene Chloride	4.716	84	4864	Below Cal		93
25) 2-Butanone	6.984	43	1104	2.397	ug/l	# 49
31) Cyclohexane	7.783	56	2015	1.111	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	7409	4.668	ug/l	# 49
38) Carbon Tetrachloride	7.789	117	9155	5.586	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	31007	39.573	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	31007	81.996	ug/l	# 13

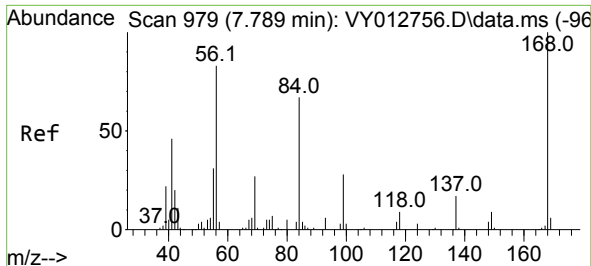
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
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ALS Vial : 4 Sample Multiplier: 1

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Quant Time: Mar 22 04:17:18 2023
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Quant Title : SW846 8260
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Response via : Initial Calibration

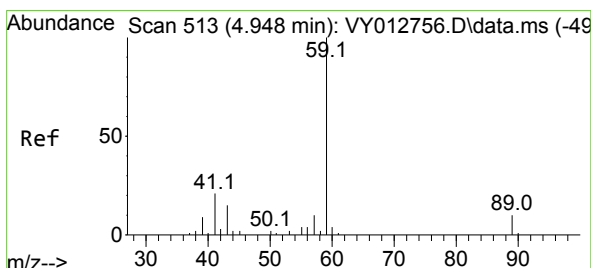
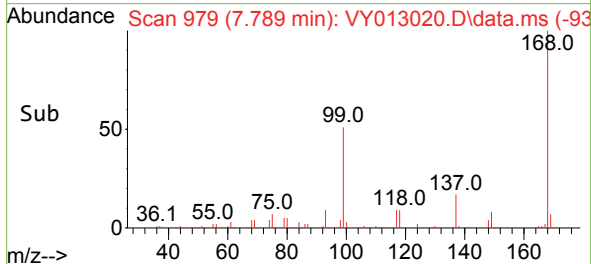
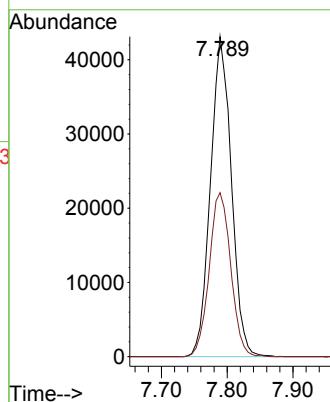
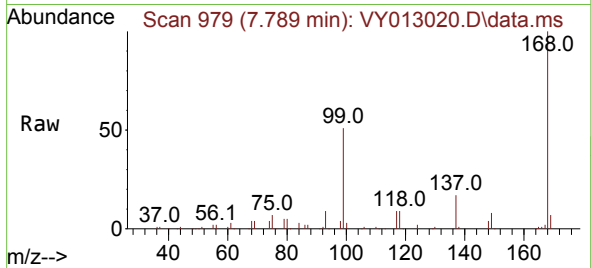




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013020.D
Acq: 21 Mar 2023 12:28

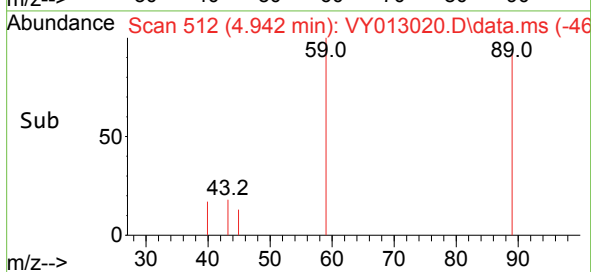
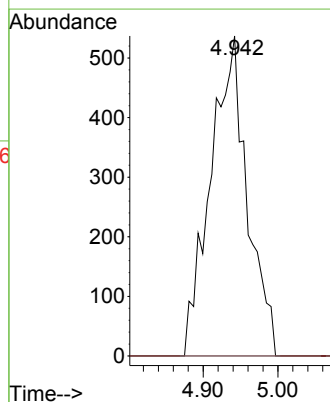
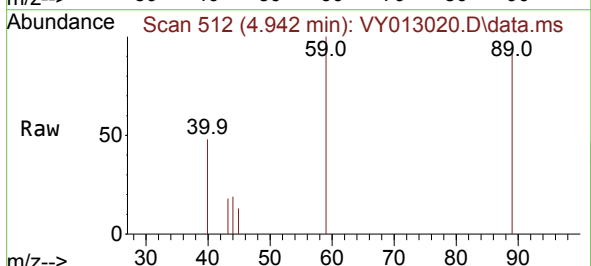
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

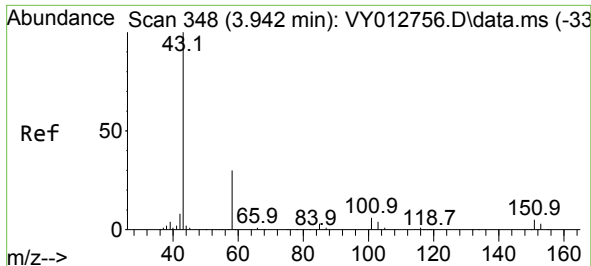
Tgt Ion:168 Resp: 95414
Ion Ratio Lower Upper
168 100
99 51.3 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY013020.D
Acq: 21 Mar 2023 12:28

Tgt Ion: 59 Resp: 1832
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

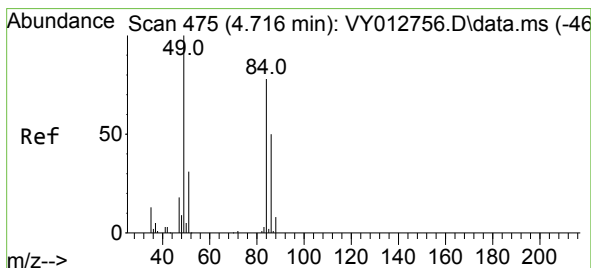
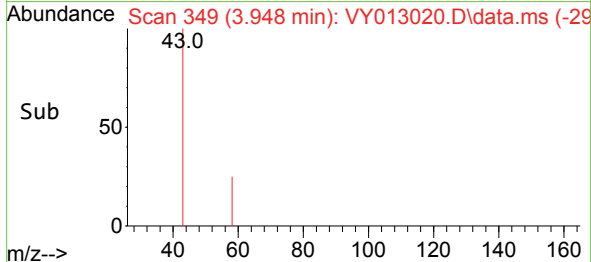
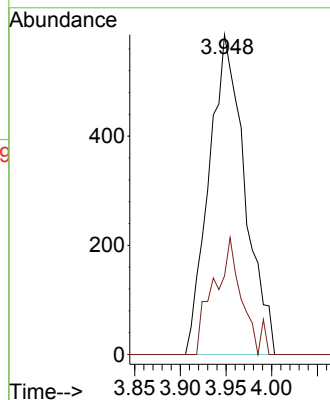
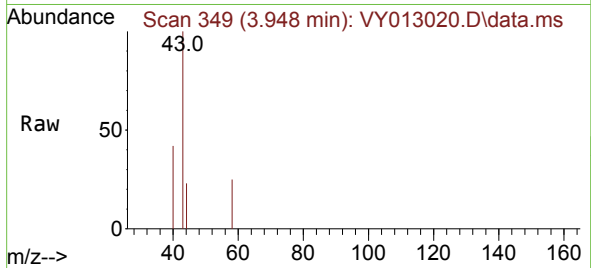




#16
 Acetone
 Concen: 4.300 ug/l
 RT: 3.948 min Scan# 348
 Delta R.T. 0.006 min
 Lab File: VY013020.D
 Acq: 21 Mar 2023 12:28

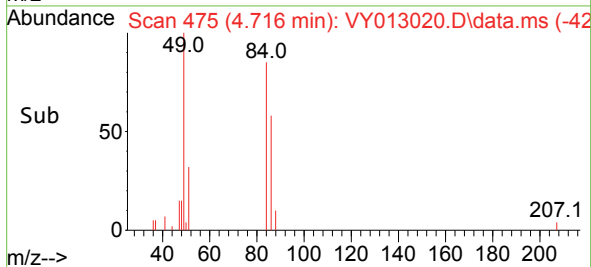
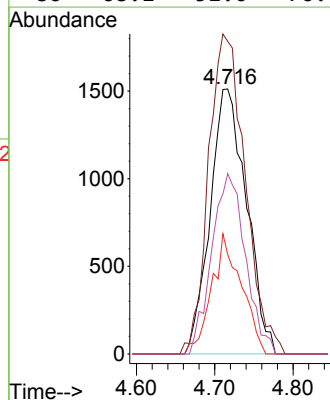
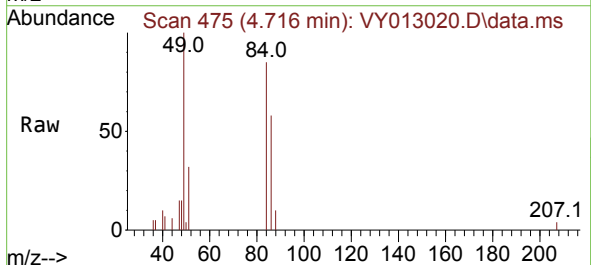
Instrument :
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 ClientSampleId :
 VY0321SBL01

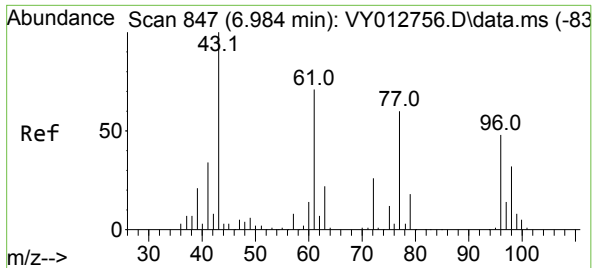
Tgt Ion: 43 Resp: 1599
 Ion Ratio Lower Upper
 43 100
 58 24.6 24.2 36.2



#20
 Methylene Chloride
 Concen: Below Cal
 RT: 4.716 min Scan# 475
 Delta R.T. 0.000 min
 Lab File: VY013020.D
 Acq: 21 Mar 2023 12:28

Tgt Ion: 84 Resp: 4864
 Ion Ratio Lower Upper
 84 100
 49 118.0 102.6 154.0
 51 37.6 31.9 47.9
 86 68.1 51.0 76.6

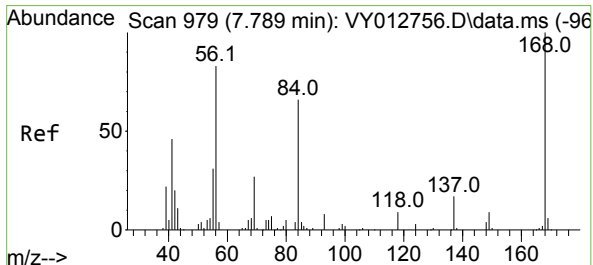
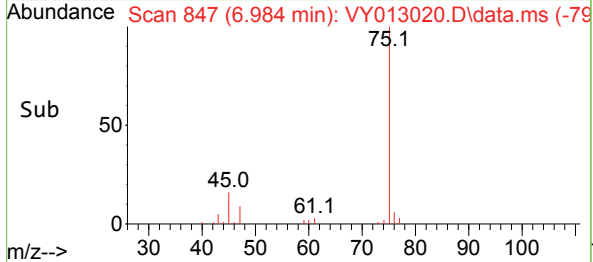
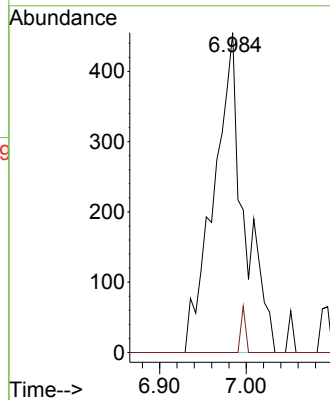
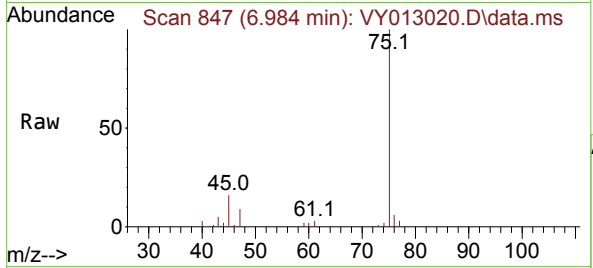




#25
2-Butanone
Concen: 2.397 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013020.D
Acq: 21 Mar 2023 12:28

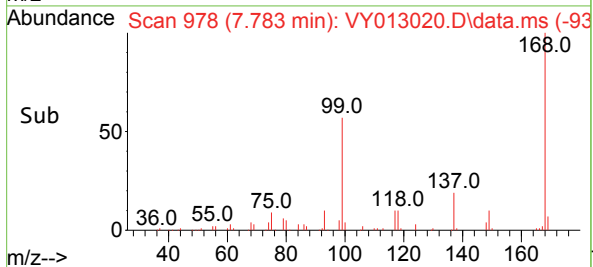
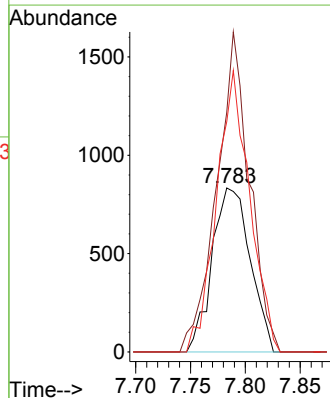
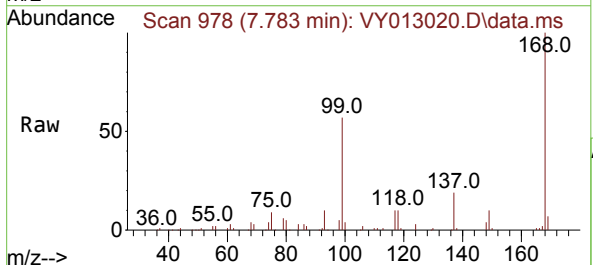
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

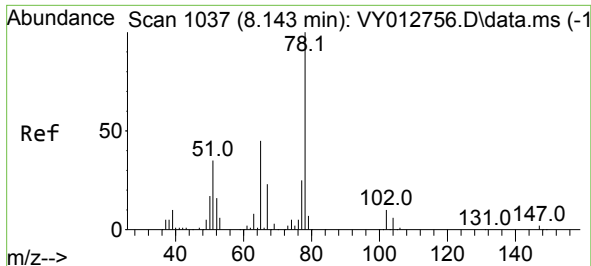
Tgt Ion: 43 Resp: 1104
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY013020.D
Acq: 21 Mar 2023 12:28

Tgt Ion: 56 Resp: 2015
Ion Ratio Lower Upper
56 100
69 146.2 25.7 38.5#
84 140.4 64.3 96.5#

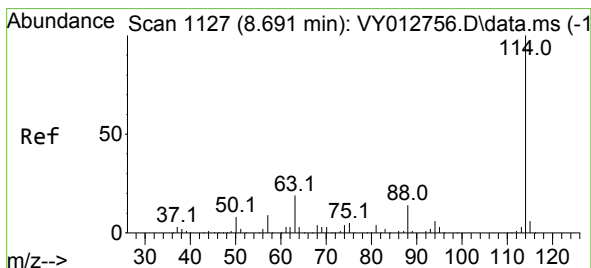
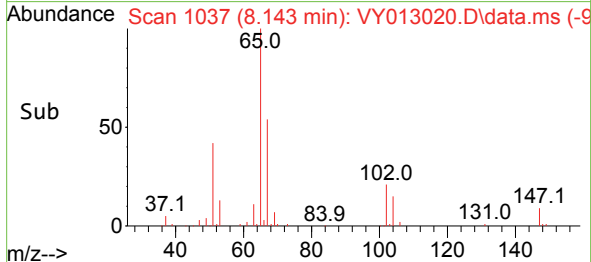
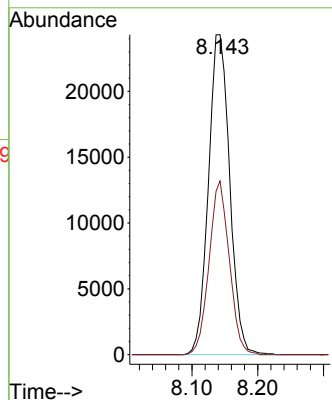
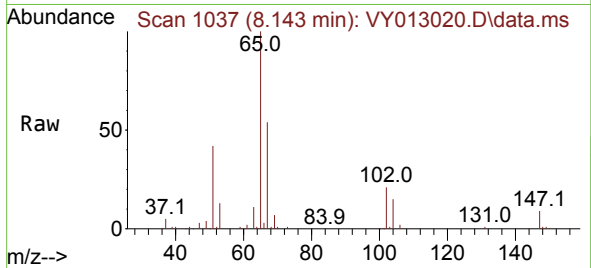




#33
 1,2-Dichloroethane-d4
 Concen: 57.809 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY013020.D
 Acq: 21 Mar 2023 12:28

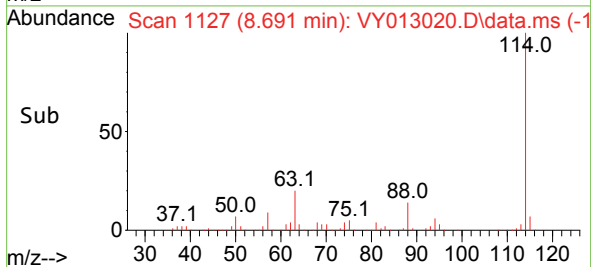
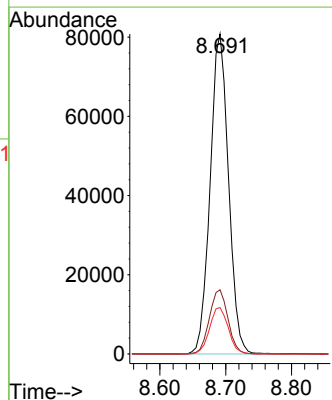
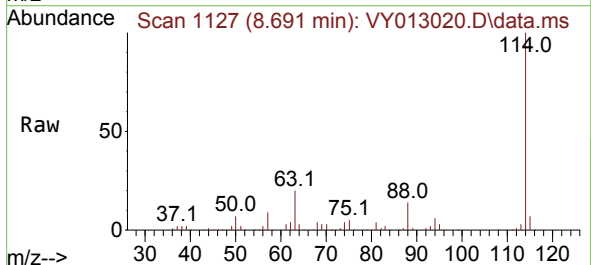
Instrument :
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 ClientSampleId :
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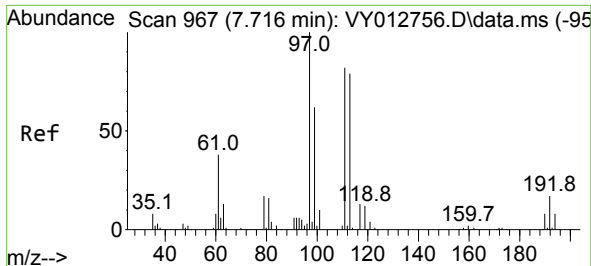
Tgt Ion: 65 Resp: 54765
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013020.D
 Acq: 21 Mar 2023 12:28

Tgt Ion: 114 Resp: 156924
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.4
 88 14.5 0.0 28.6

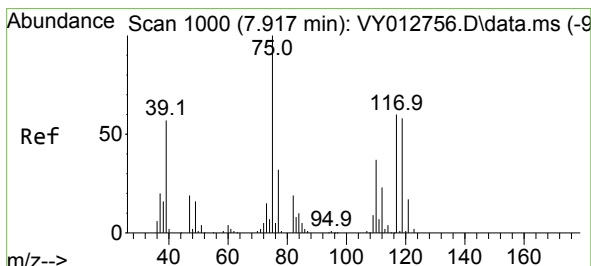
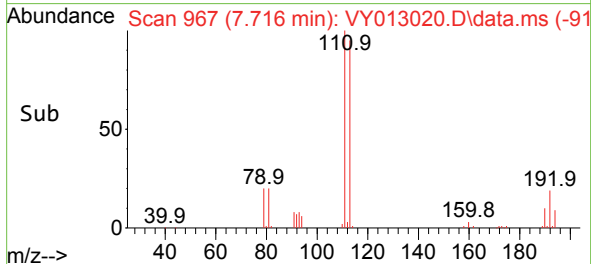
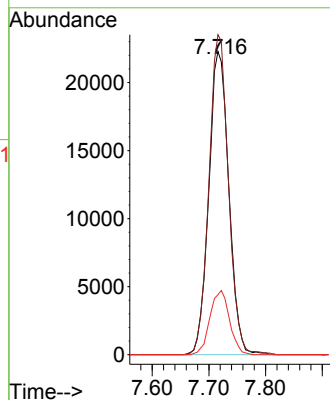
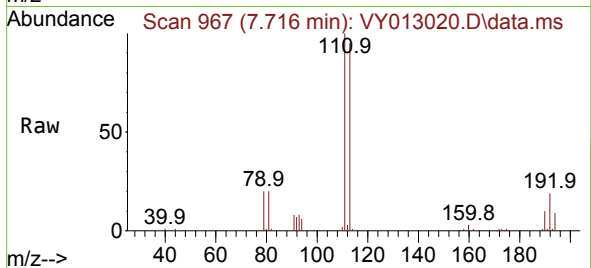




#35
Dibromofluoromethane
Concen: 57.722 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY013020.D
Acq: 21 Mar 2023 12:28

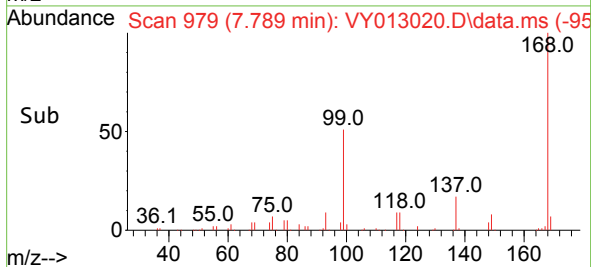
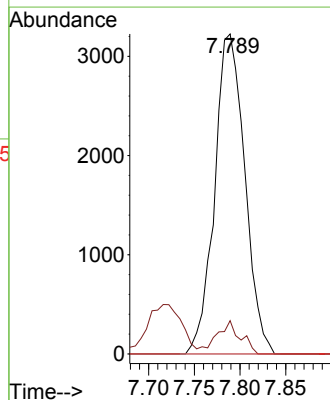
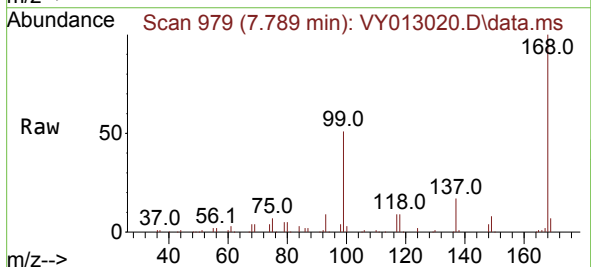
Instrument :
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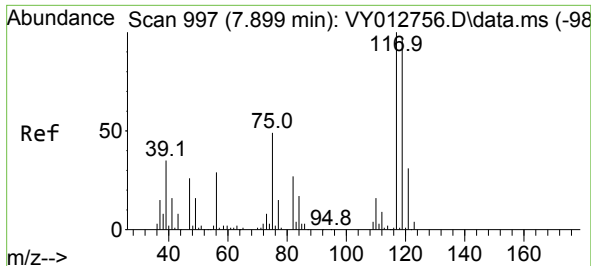
Tgt Ion:113 Resp: 54665
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.668 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013020.D
Acq: 21 Mar 2023 12:28

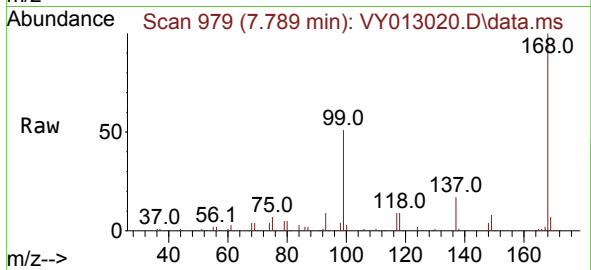
Tgt Ion: 75 Resp: 7409
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.3#
77 0.0 25.0 37.4#



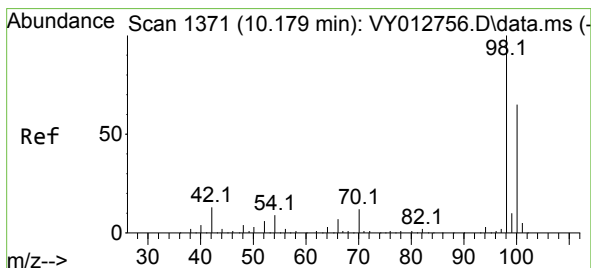
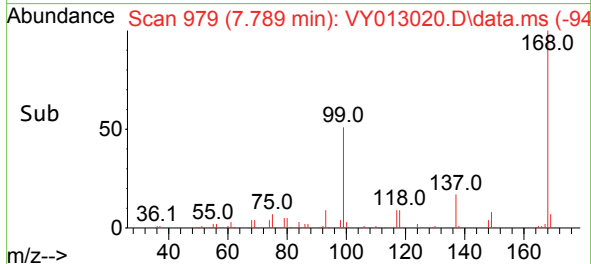
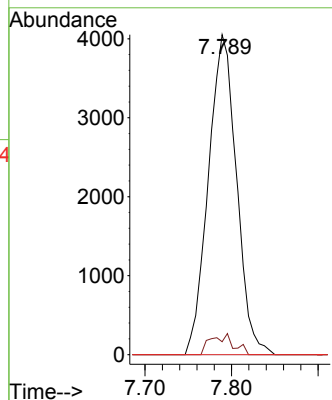


#38
Carbon Tetrachloride
Concen: 5.586 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013020.D
Acq: 21 Mar 2023 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

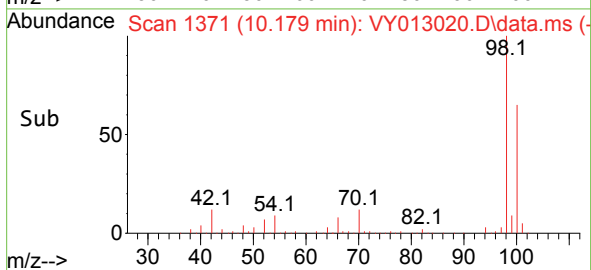
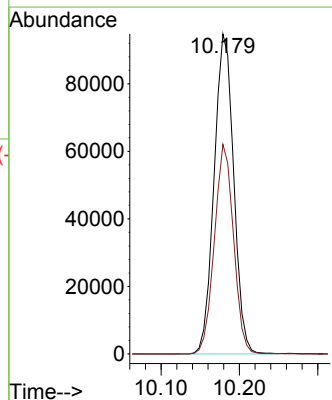
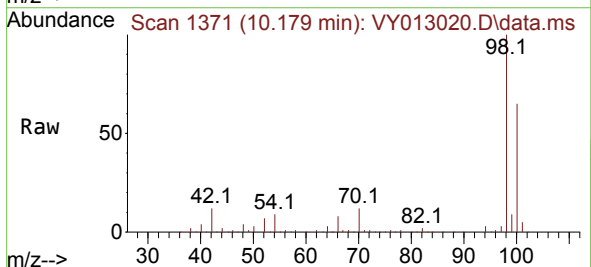


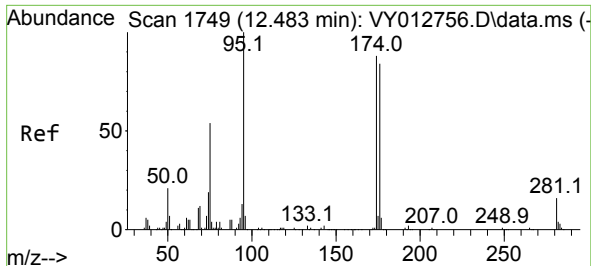
Tgt Ion:117 Resp: 9155
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.600 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013020.D
Acq: 21 Mar 2023 12:28

Tgt Ion: 98 Resp: 164799
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

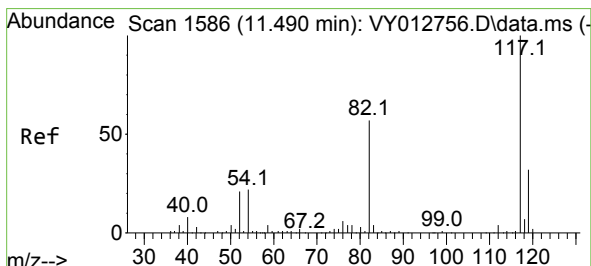
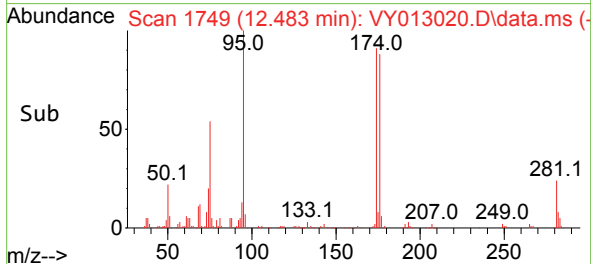
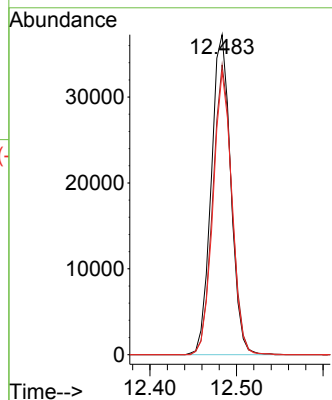
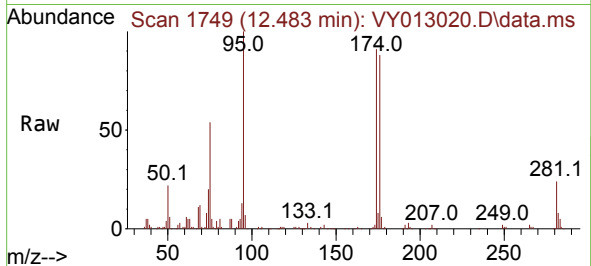




#62
4-Bromofluorobenzene
Concen: 49.932 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013020.D
Acq: 21 Mar 2023 12:28

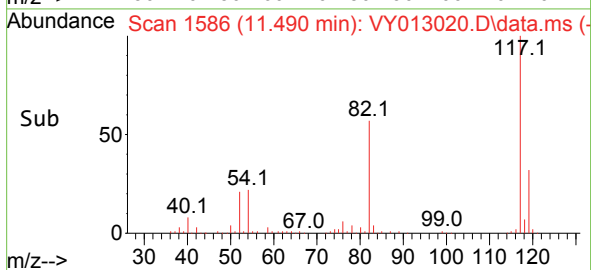
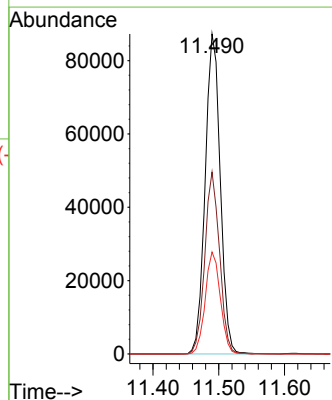
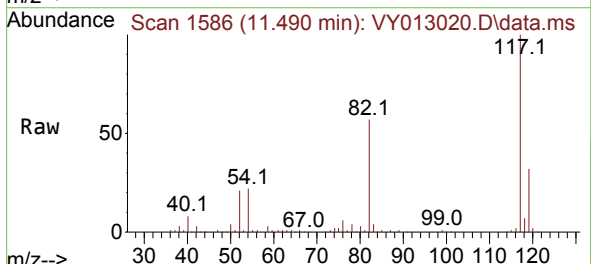
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

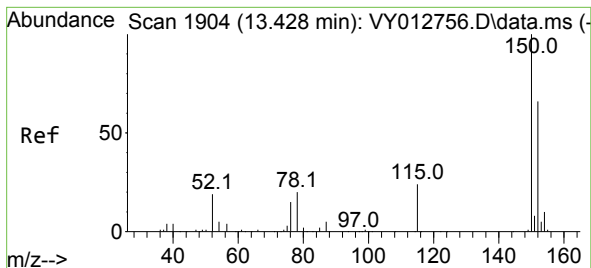
Tgt Ion: 95 Resp: 58349
Ion Ratio Lower Upper
95 100
174 88.5 0.0 176.6
176 85.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013020.D
Acq: 21 Mar 2023 12:28

Tgt Ion: 117 Resp: 139228
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.0
119 31.9 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: VY013020.D

Acq: 21 Mar 2023 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBL01

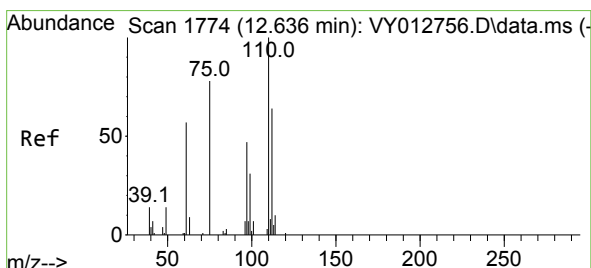
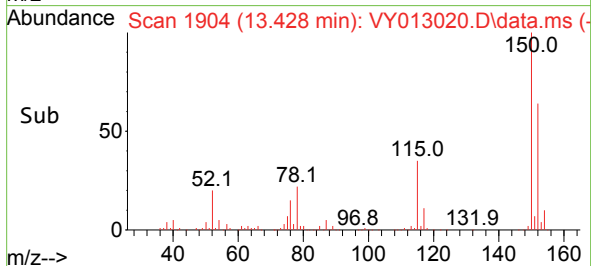
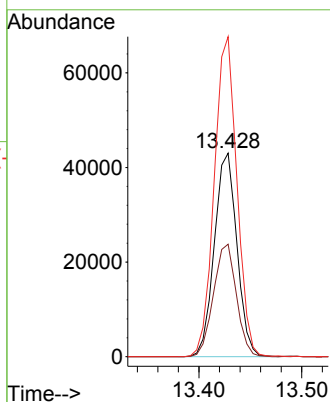
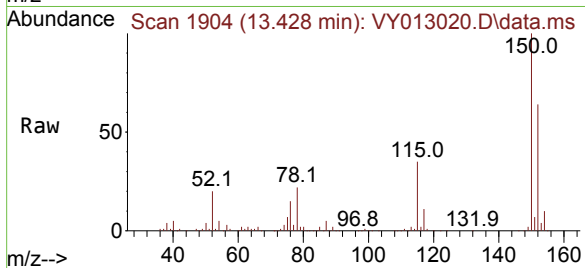
Tgt Ion:152 Resp: 65615

Ion Ratio Lower Upper

152 100

115 56.2 27.1 81.3

150 157.4 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 39.573 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY013020.D

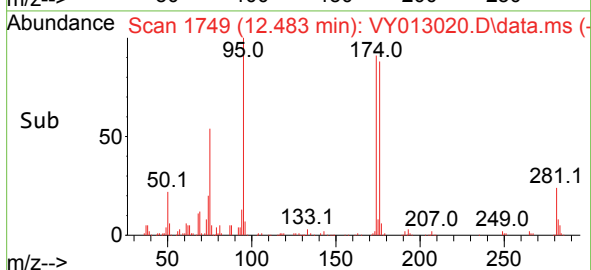
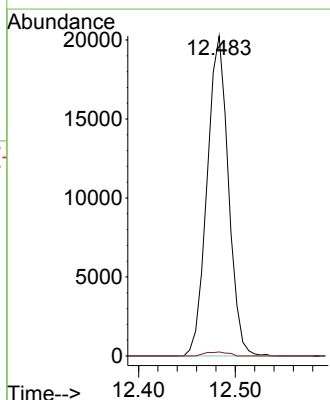
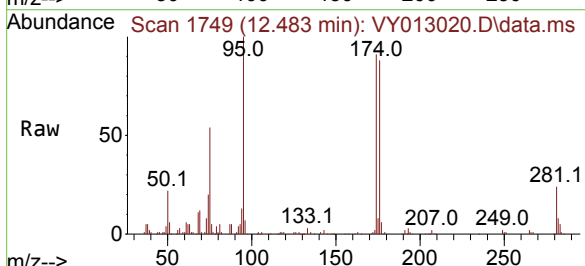
Acq: 21 Mar 2023 12:28

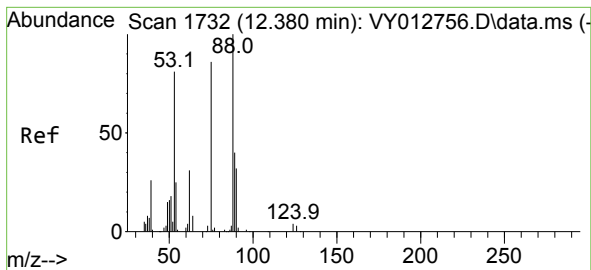
Tgt Ion: 75 Resp: 31007

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.996 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013020.D
 Acq: 21 Mar 2023 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBL01

Tgt Ion: 75 Resp: 31007
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.3 36.6 55.0#

