

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032023\
 Data File : VY013003.D
 Acq On : 20 Mar 2023 12:42
 Operator : KP/MD
 Sample : VY0320SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBL01

Quant Time: Mar 21 01:11:12 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)

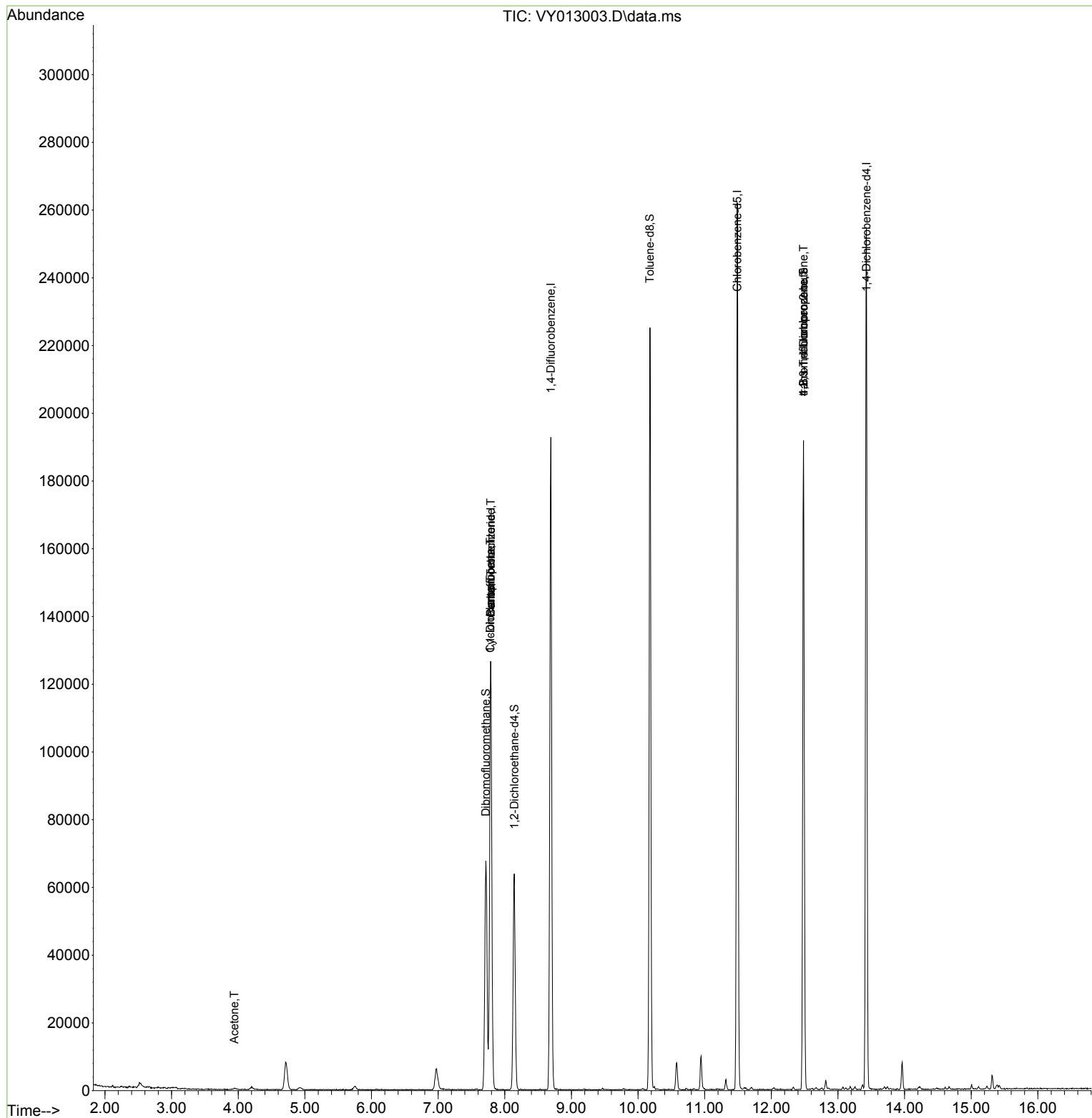
Internal Standards						
1) Pentafluorobenzene	7.789	168	98502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48009	49.089	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.180%		
35) Dibromofluoromethane	7.716	113	47467	49.707	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.420%		
50) Toluene-d8	10.179	98	145652	41.722	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	83.440%		
62) 4-Bromofluorobenzene	12.483	95	50371	42.749	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.500%		
Target Compounds						
11) Tert butyl alcohol	4.942	59	503	Below Cal	#	74
16) Acetone	3.942	43	737	1.920	ug/l #	81
20) Methylene Chloride	4.716	84	6086	Below Cal		94
31) Cyclohexane	7.783	56	2140	1.143	ug/l #	5
36) 1,1-Dichloropropene	7.783	75	7390	4.618	ug/l #	49
38) Carbon Tetrachloride	7.789	117	9313	5.636	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	26546	33.365	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26546	69.133	ug/l #	13

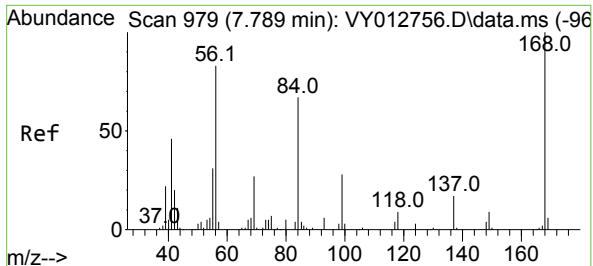
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

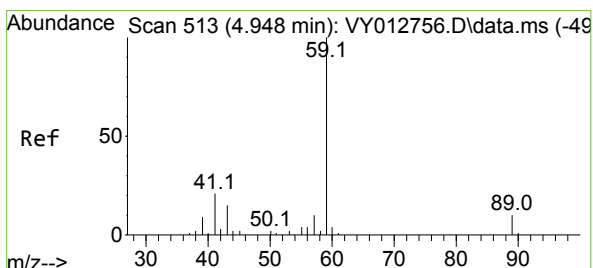
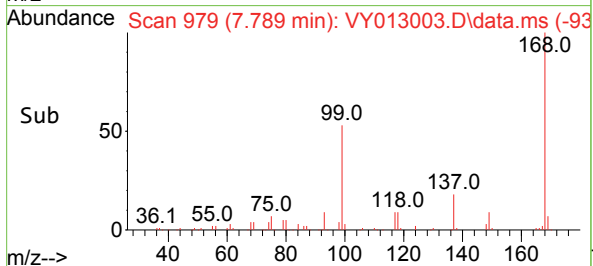
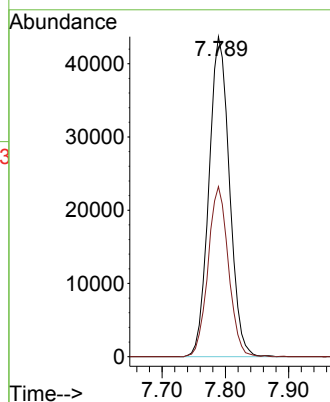
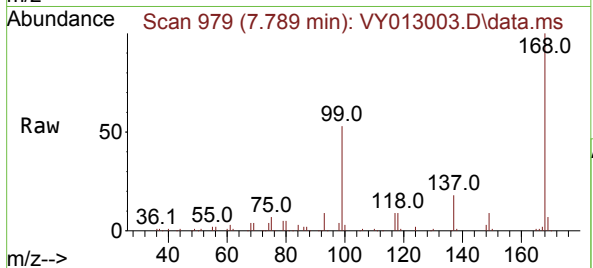




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013003.D
Acq: 20 Mar 2023 12:42

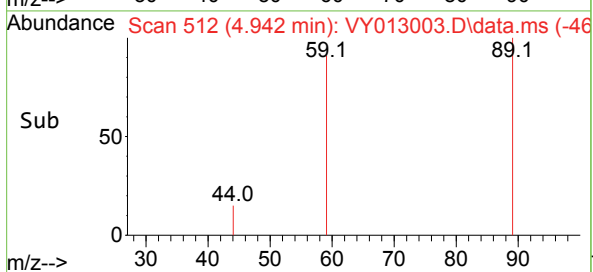
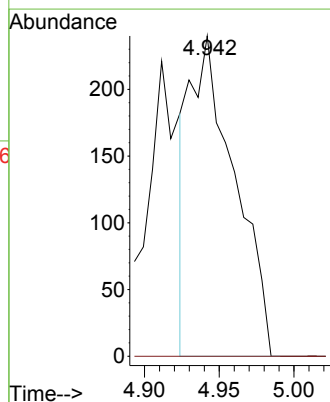
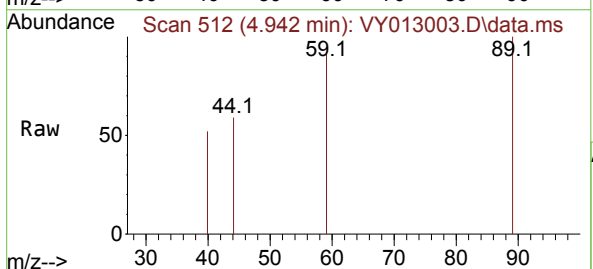
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

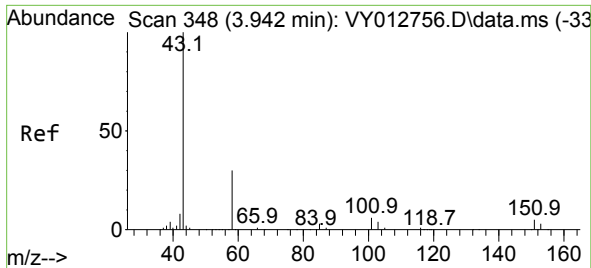
Tgt Ion:168 Resp: 98502
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY013003.D
Acq: 20 Mar 2023 12:42

Tgt Ion: 59 Resp: 503
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 1.920 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY013003.D

Acq: 20 Mar 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

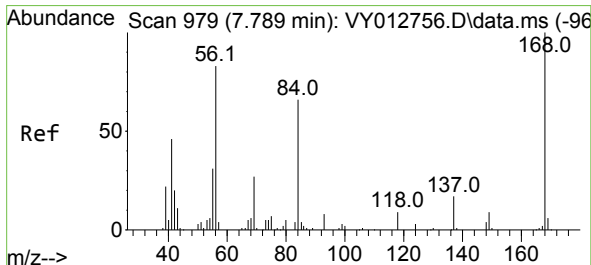
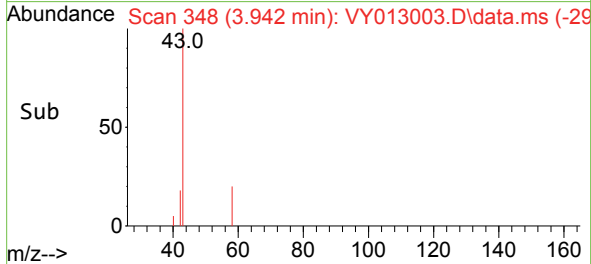
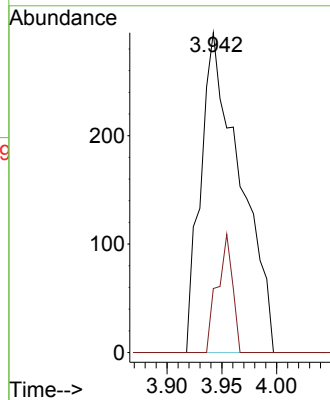
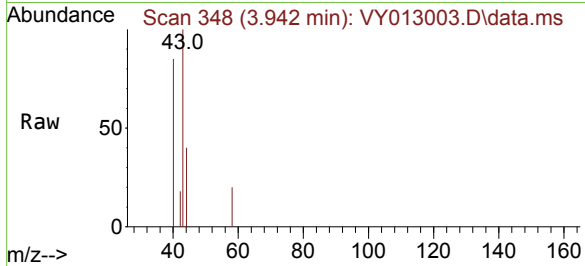
VY0320SBL01

Tgt Ion: 43 Resp: 737

Ion Ratio Lower Upper

43 100

58 20.0 24.2 36.2#



#31

Cyclohexane

Concen: 1.143 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY013003.D

Acq: 20 Mar 2023 12:42

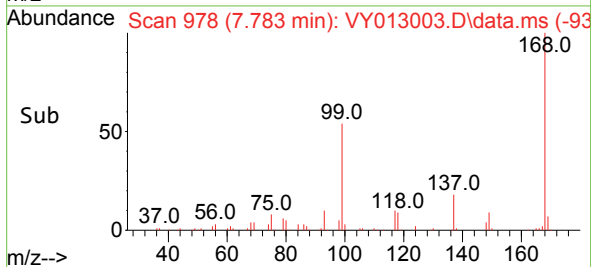
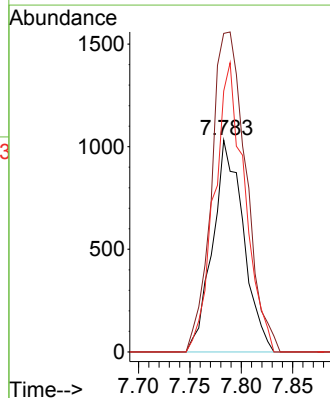
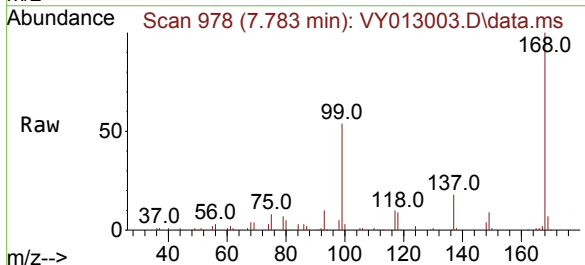
Tgt Ion: 56 Resp: 2140

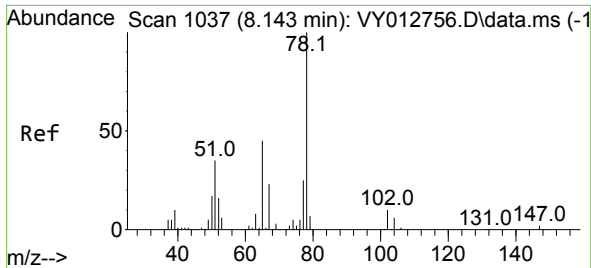
Ion Ratio Lower Upper

56 100

69 150.4 25.7 38.5#

84 123.2 64.3 96.5#

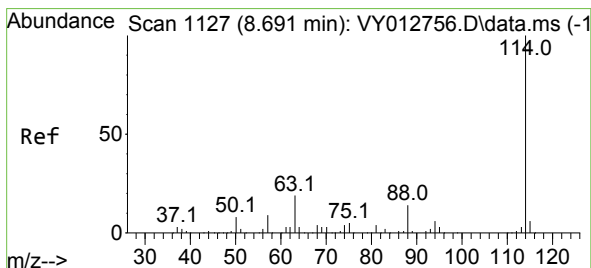
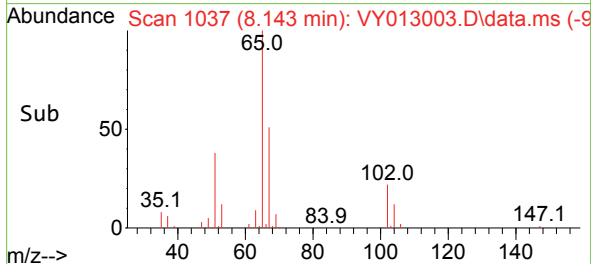
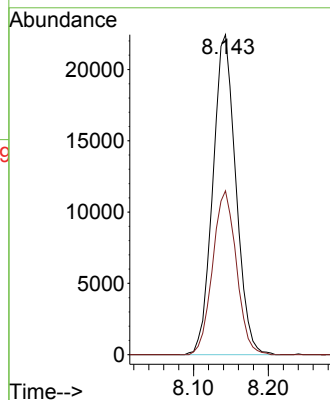
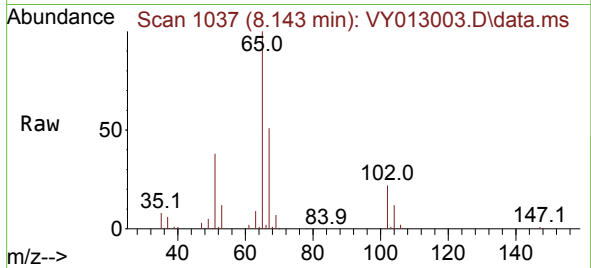




#33
 1,2-Dichloroethane-d4
 Concen: 49.089 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY013003.D
 Acq: 20 Mar 2023 12:42

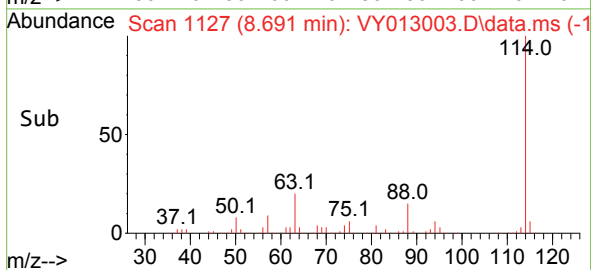
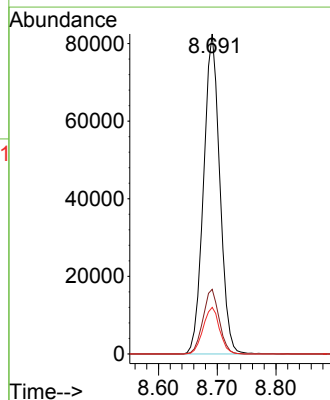
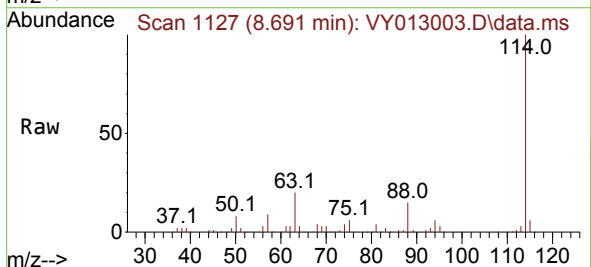
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBL01

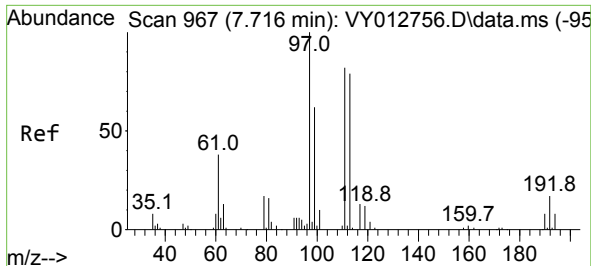
Tgt Ion: 65 Resp: 48009
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013003.D
 Acq: 20 Mar 2023 12:42

Tgt Ion: 114 Resp: 158232
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.4
 88 14.6 0.0 28.6

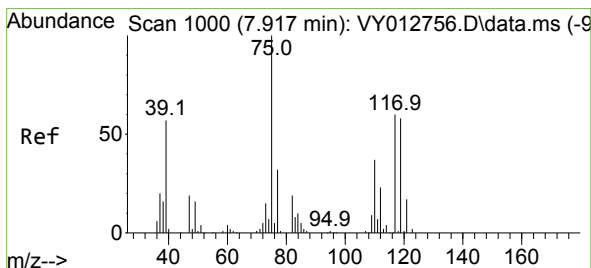
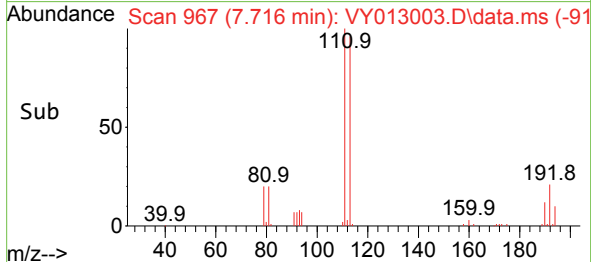
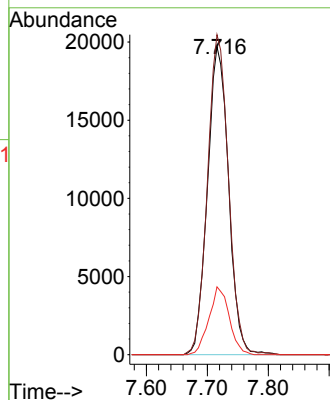
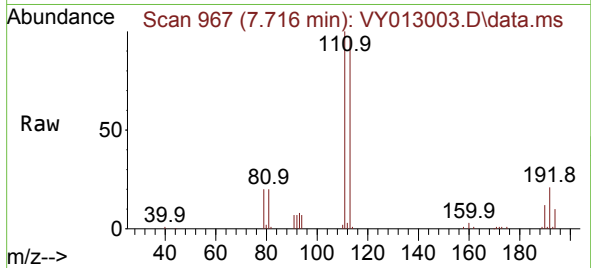




#35
Dibromofluoromethane
Concen: 49.707 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY013003.D
Acq: 20 Mar 2023 12:42

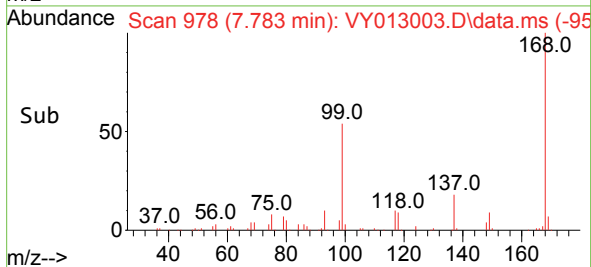
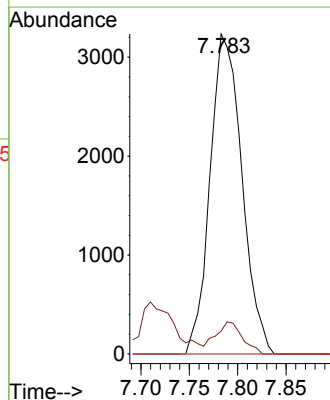
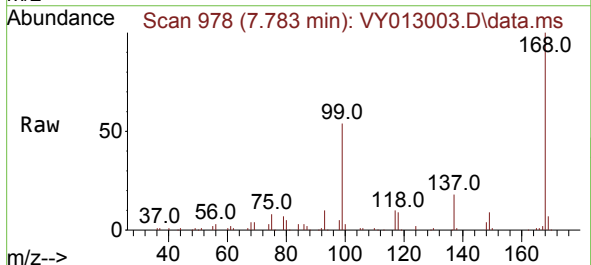
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

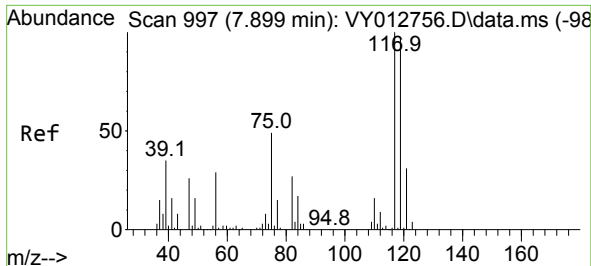
Tgt Ion:113 Resp: 47467
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 21.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.618 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013003.D
Acq: 20 Mar 2023 12:42

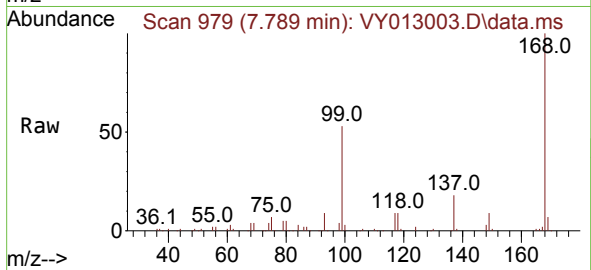
Tgt Ion: 75 Resp: 7390
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.3#
77 0.0 25.0 37.4#



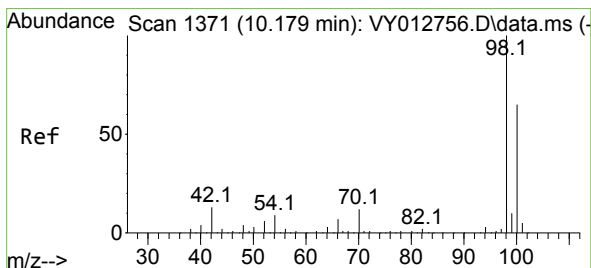
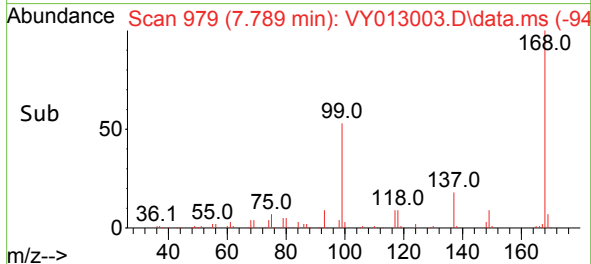
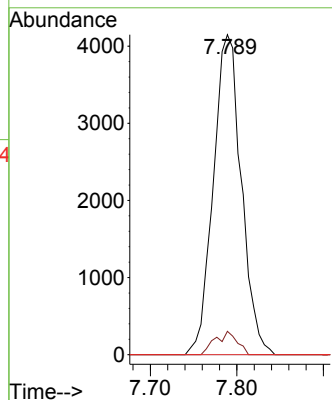


#38
Carbon Tetrachloride
Concen: 5.636 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013003.D
Acq: 20 Mar 2023 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

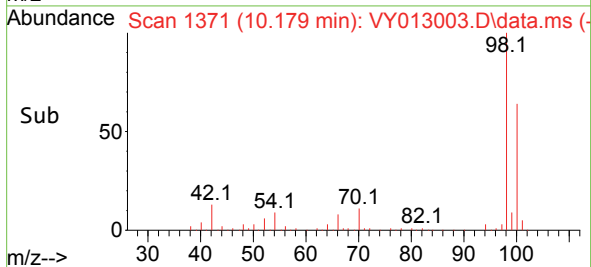
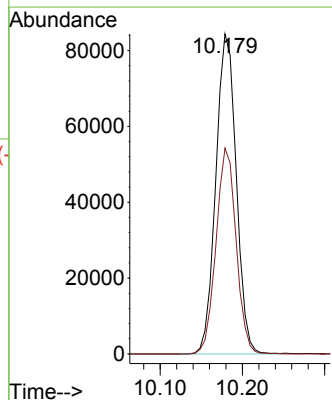
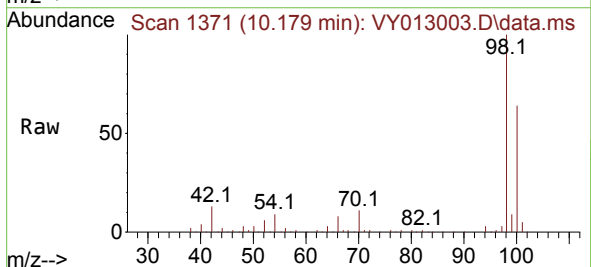


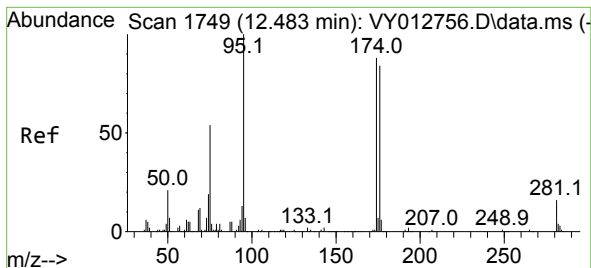
Tgt Ion:117 Resp: 9313
Ion Ratio Lower Upper
117 100
119 7.3 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 41.722 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013003.D
Acq: 20 Mar 2023 12:42

Tgt Ion: 98 Resp: 145652
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

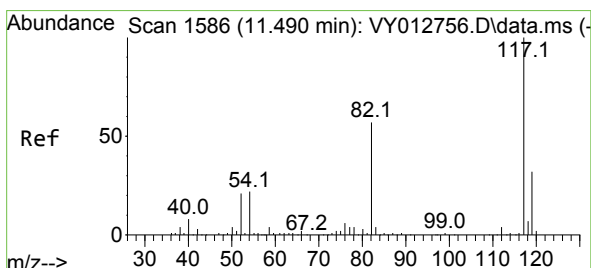
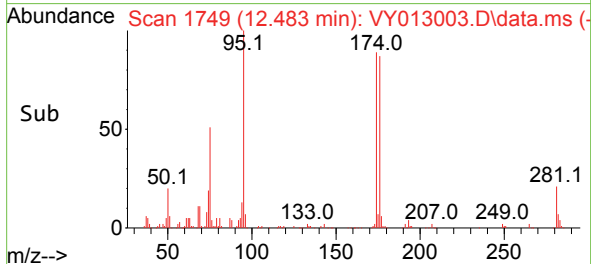
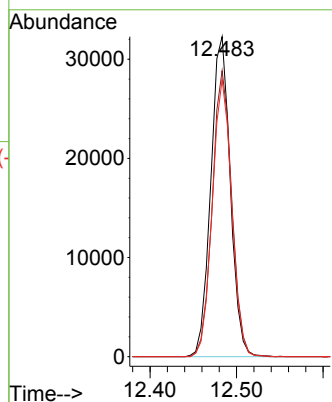
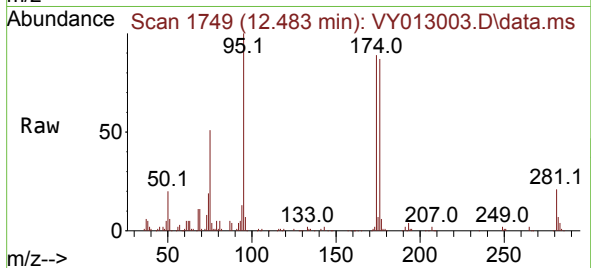




#62
4-Bromofluorobenzene
Concen: 42.749 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013003.D
Acq: 20 Mar 2023 12:42

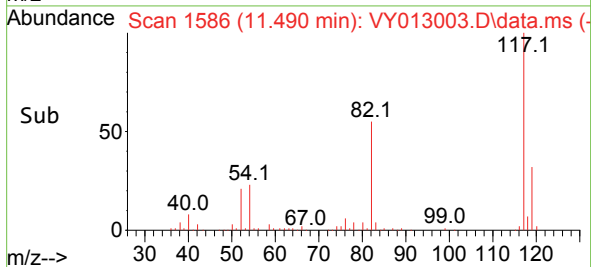
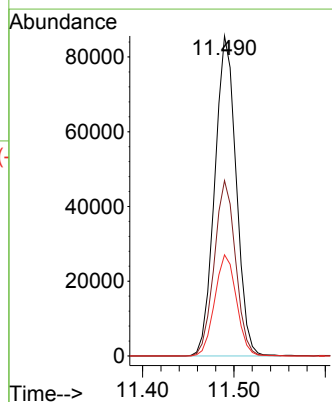
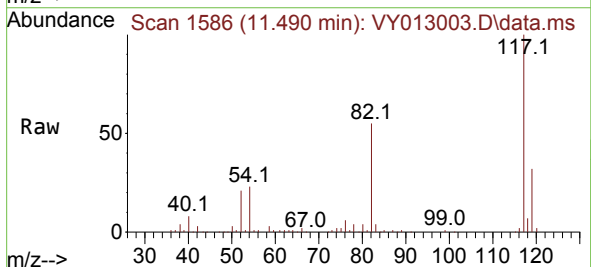
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ClientSampleId :
VY0320SBL01

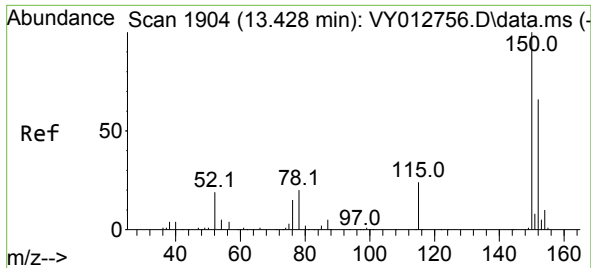
Tgt Ion: 95 Resp: 50371
Ion Ratio Lower Upper
95 100
174 89.5 0.0 176.6
176 86.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013003.D
Acq: 20 Mar 2023 12:42

Tgt Ion: 117 Resp: 139499
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.0
119 31.6 25.6 38.4

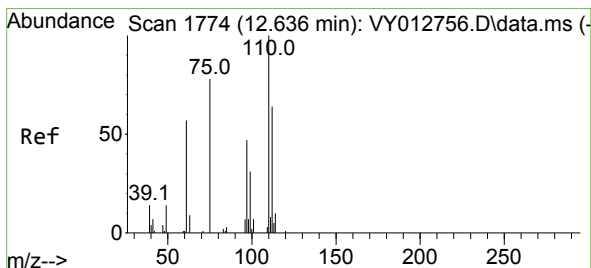
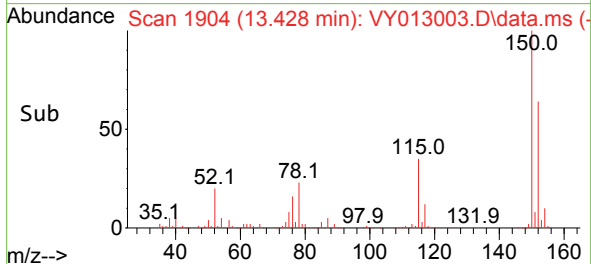
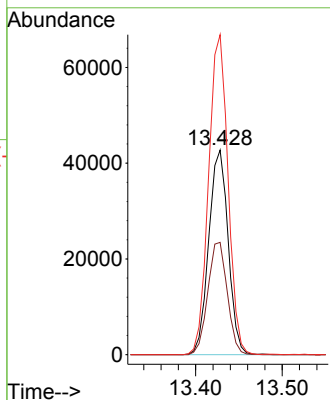
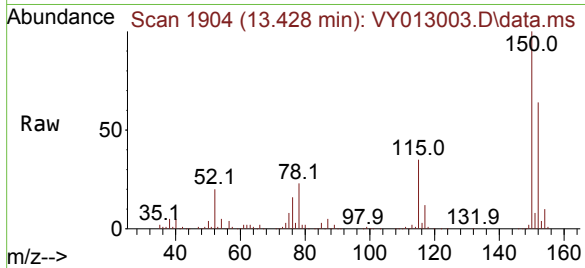




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY013003.D
 Acq: 20 Mar 2023 12:42

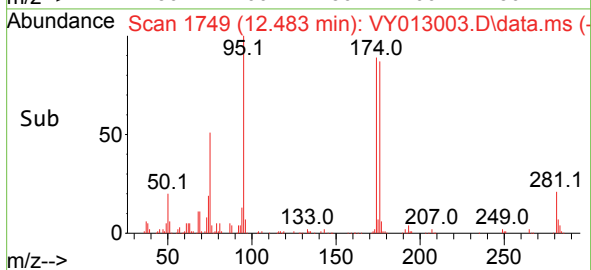
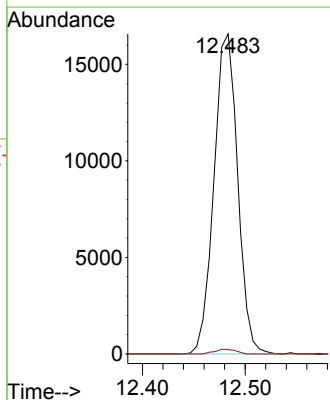
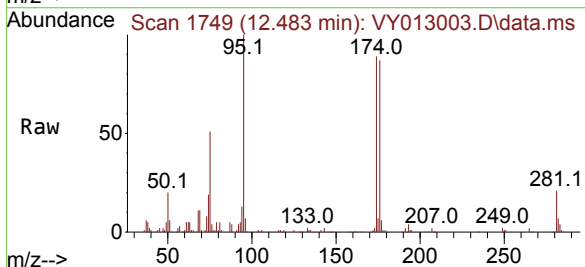
Instrument :
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 VY0320SBL01

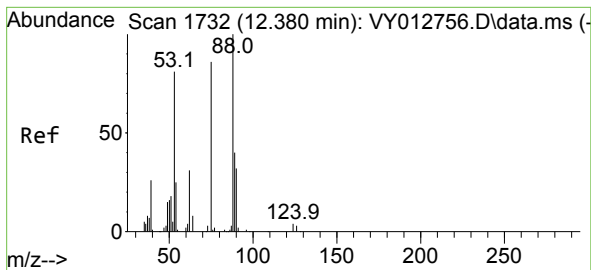
Tgt Ion:152 Resp: 66627
 Ion Ratio Lower Upper
 152 100
 115 55.0 27.1 81.3
 150 156.0 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 33.365 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY013003.D
 Acq: 20 Mar 2023 12:42

Tgt Ion: 75 Resp: 26546
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.133 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013003.D
 Acq: 20 Mar 2023 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBL01

Tgt Ion: 75 Resp: 26546
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.4 110.0#
 89 0.1 36.6 55.0#

