

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : VY013149.D
 Acq On : 30 Mar 2023 14:26
 Operator : KP/MD
 Sample : VY0330SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBL01

Quant Time: Mar 31 05:44:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

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

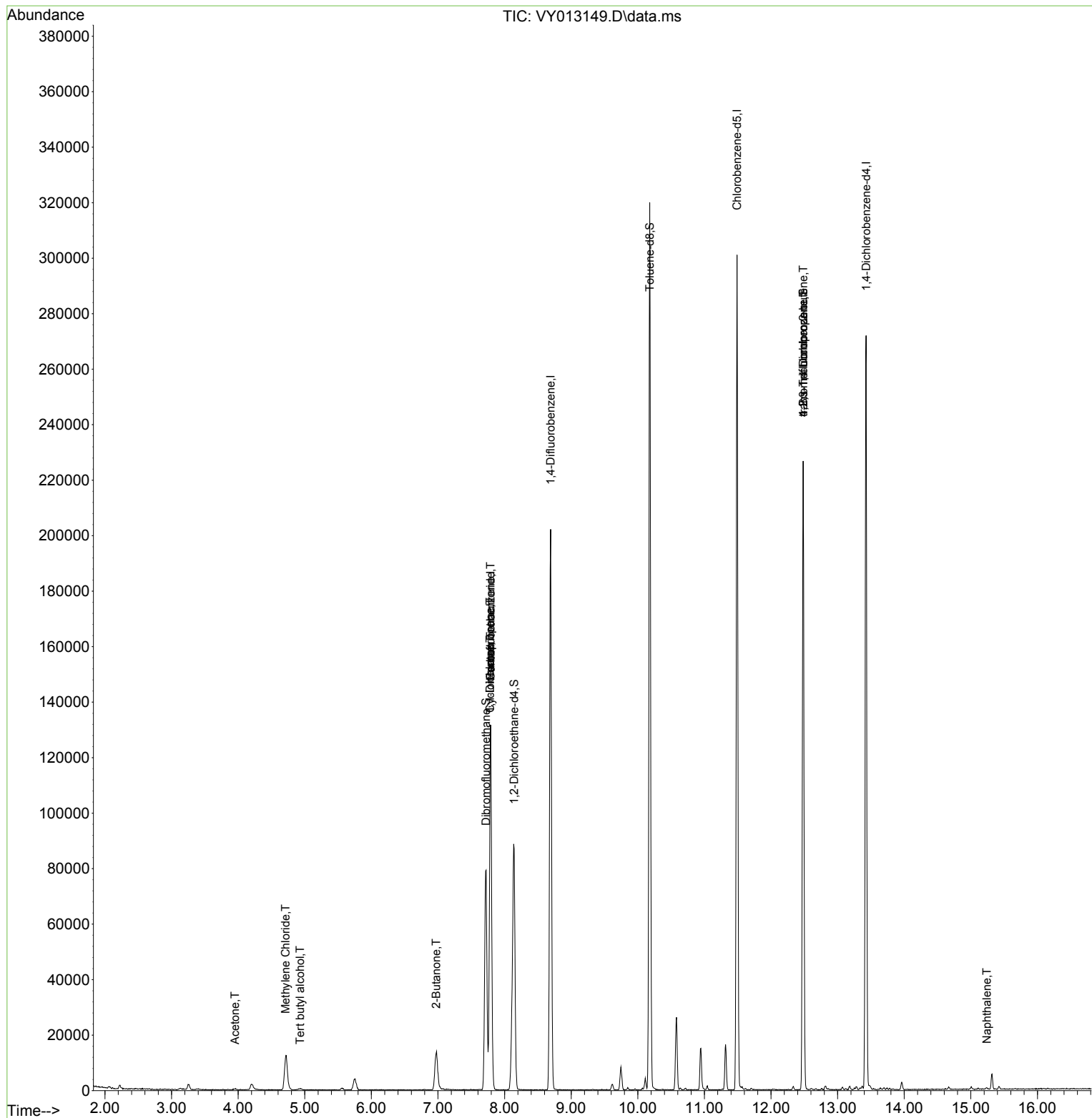
Internal Standards						
1) Pentafluorobenzene	7.789	168	103230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	157598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60786	54.792	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 109.580%		
35) Dibromofluoromethane	7.722	113	56617	50.695	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 101.380%		
50) Toluene-d8	10.179	98	202594	48.052	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 96.100%		
62) 4-Bromofluorobenzene	12.483	95	63539	46.299	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 92.600%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	279	2.790	ug/l #	74
16) Acetone	3.954	43	660	1.946	ug/l	100
20) Methylene Chloride	4.710	84	8772	2.375	ug/l	95
25) 2-Butanone	6.972	43	933	2.200	ug/l #	49
31) Cyclohexane	7.783	56	2094	1.156	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7565	4.500	ug/l #	49
38) Carbon Tetrachloride	7.789	117	9406	5.070	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	33104	41.334	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33104	92.181	ug/l #	13
95) Naphthalene	15.239	128	790	3.509	ug/l #	77

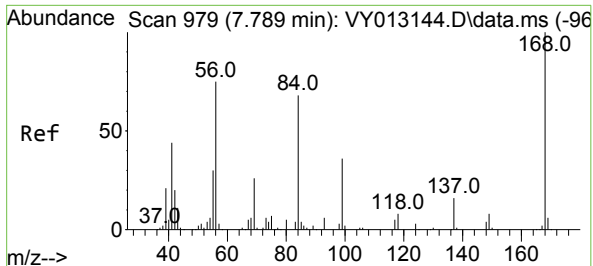
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
Data File : VY013149.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

Quant Time: Mar 31 05:44:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 31 05:07:15 2023
Response via : Initial Calibration

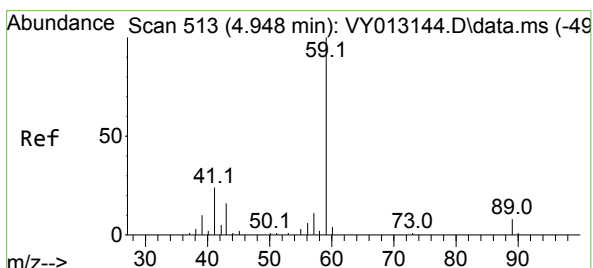
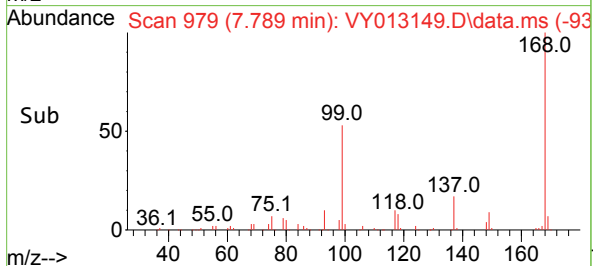
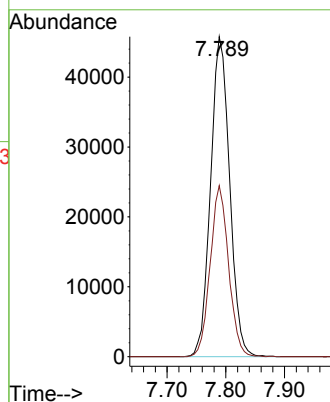
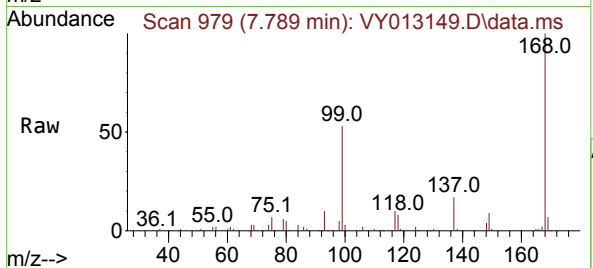




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013149.D
Acq: 30 Mar 2023 14:26

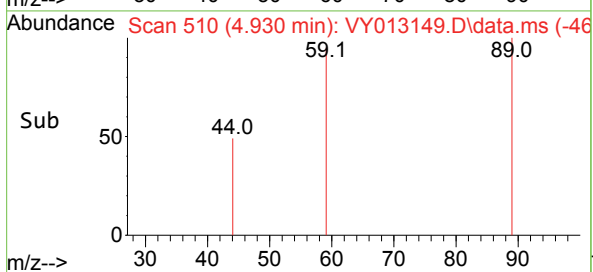
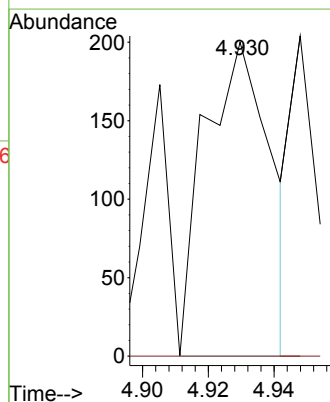
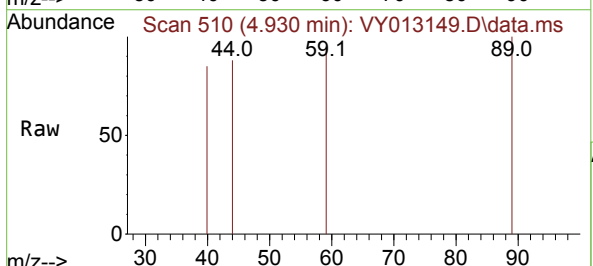
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

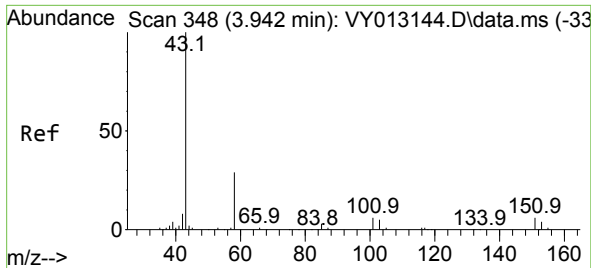
Tgt Ion:168 Resp: 103230
Ion Ratio Lower Upper
168 100
99 53.5 41.7 62.5



#11
Tert butyl alcohol
Concen: 2.790 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY013149.D
Acq: 30 Mar 2023 14:26

Tgt Ion: 59 Resp: 279
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 1.946 ug/l

RT: 3.954 min Scan# 311

Delta R.T. 0.012 min

Lab File: VY013149.D

Acq: 30 Mar 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

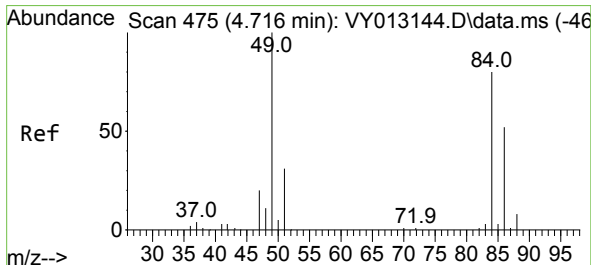
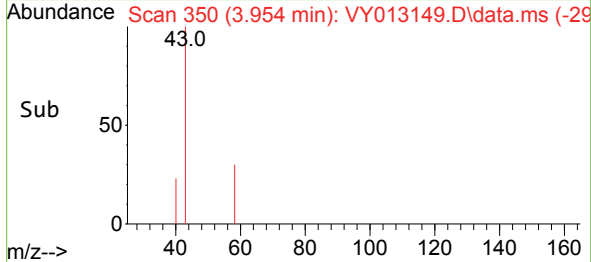
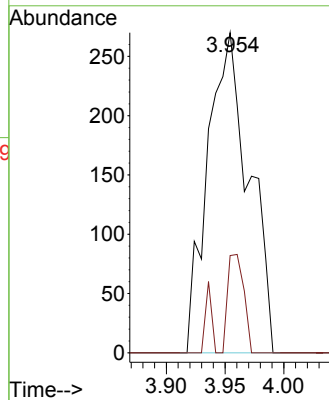
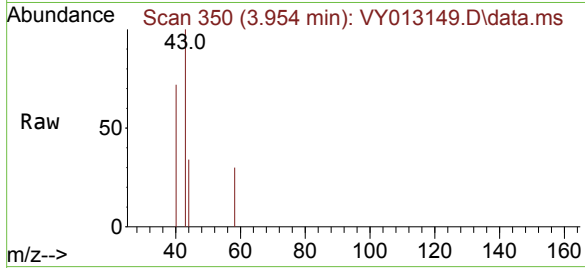
VY0330SBL01

Tgt Ion: 43 Resp: 660

Ion Ratio Lower Upper

43 100

58 30.4 24.2 36.2



#20

Methylene Chloride

Concen: 2.375 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013149.D

Acq: 30 Mar 2023 14:26

Tgt Ion: 84 Resp: 8772

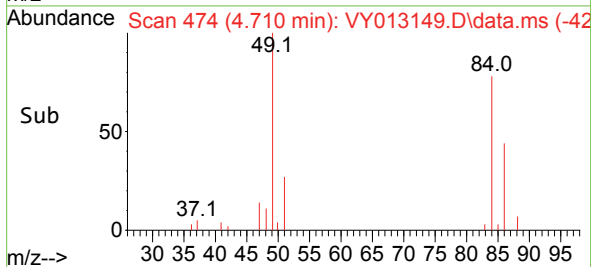
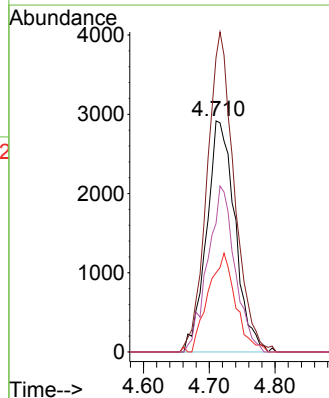
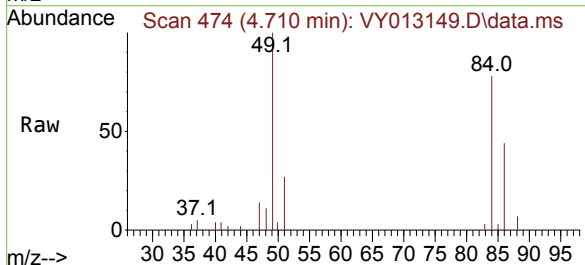
Ion Ratio Lower Upper

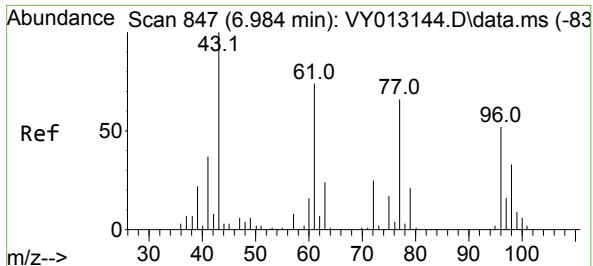
84 100

49 127.5 102.6 154.0

51 34.3 31.9 47.9

86 55.6 51.0 76.6





#25

2-Butanone

Concen: 2.200 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY013149.D

Acq: 30 Mar 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

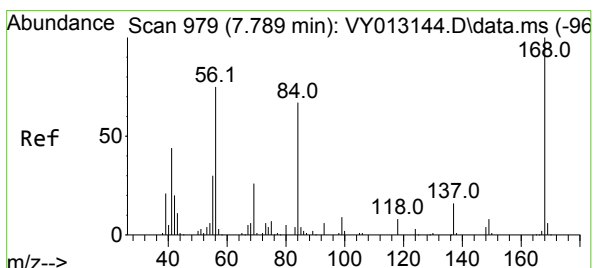
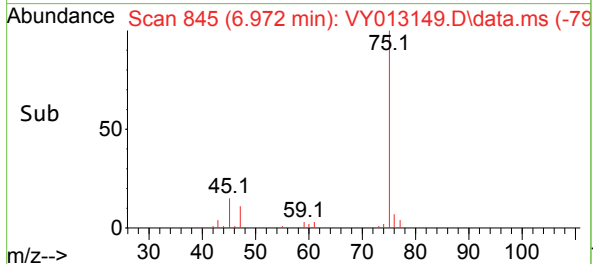
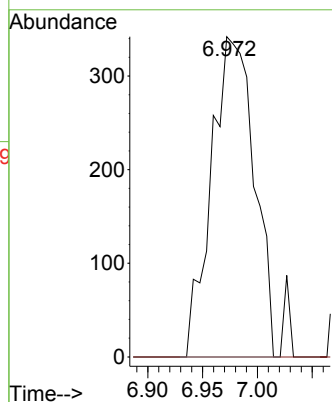
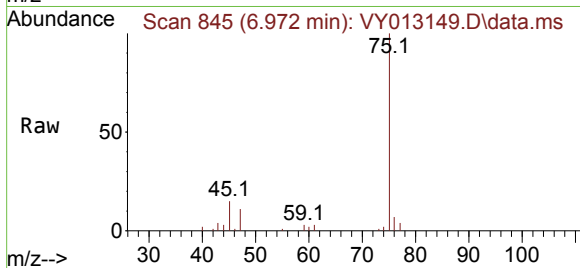
VY0330SBL01

Tgt Ion: 43 Resp: 933

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



#31

Cyclohexane

Concen: 1.156 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY013149.D

Acq: 30 Mar 2023 14:26

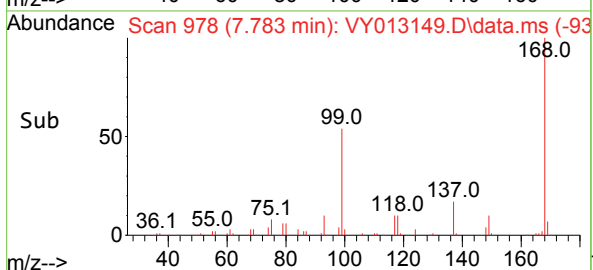
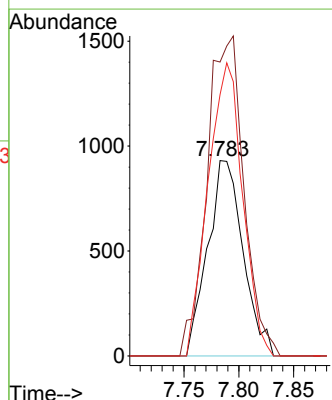
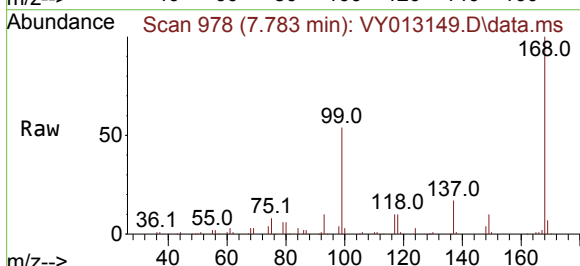
Tgt Ion: 56 Resp: 2094

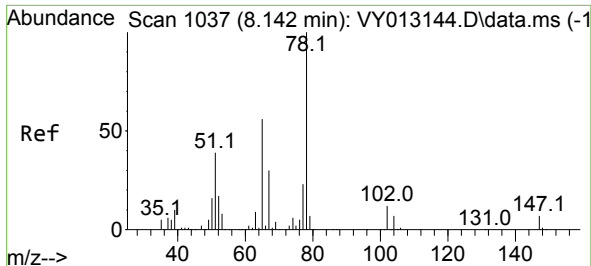
Ion Ratio Lower Upper

56 100

69 150.5 25.7 38.5#

84 133.7 64.3 96.5#

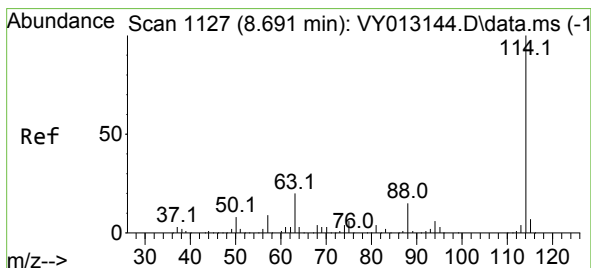
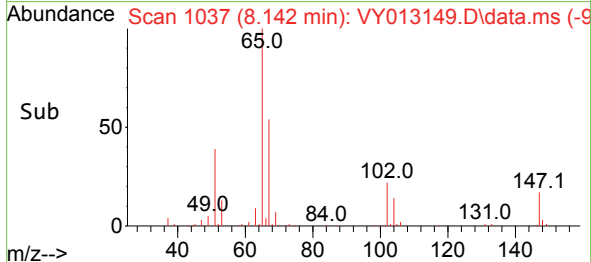
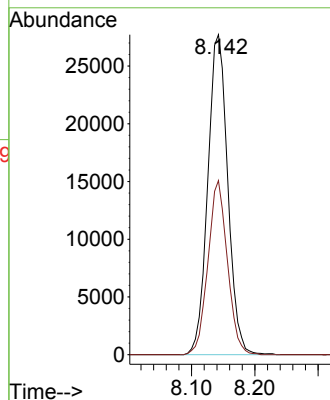
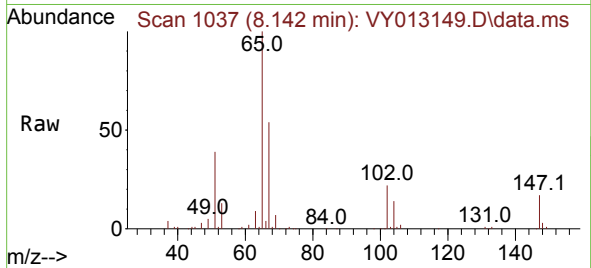




#33
1,2-Dichloroethane-d4
Concen: 54.792 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013149.D
Acq: 30 Mar 2023 14:26

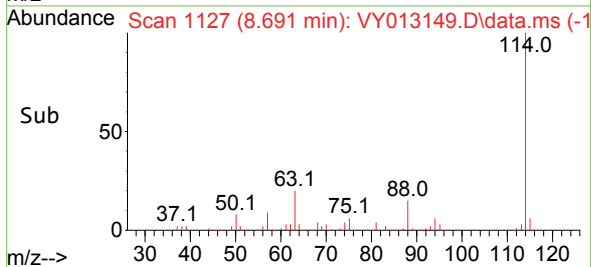
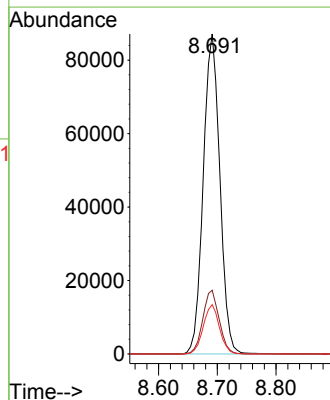
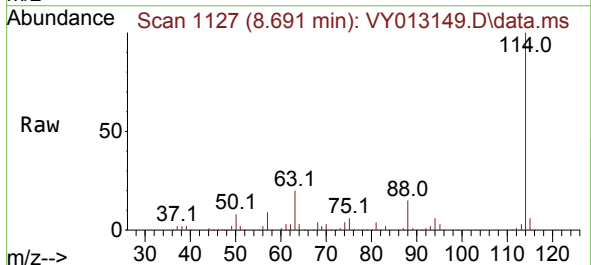
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

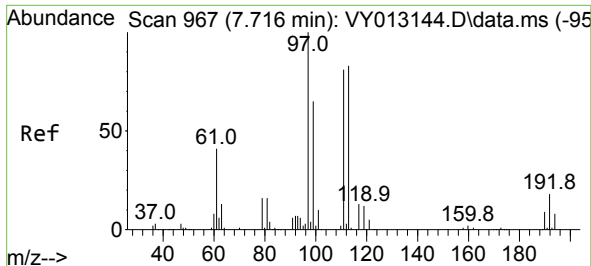
Tgt Ion: 65 Resp: 60786
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013149.D
Acq: 30 Mar 2023 14:26

Tgt Ion: 114 Resp: 170959
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.4
88 15.4 0.0 28.6

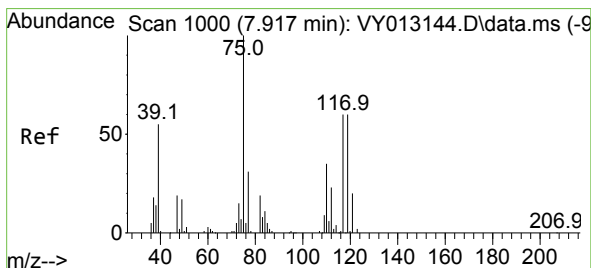
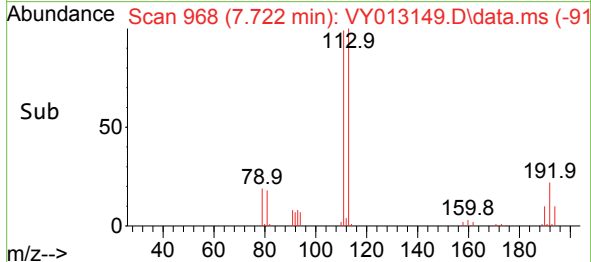
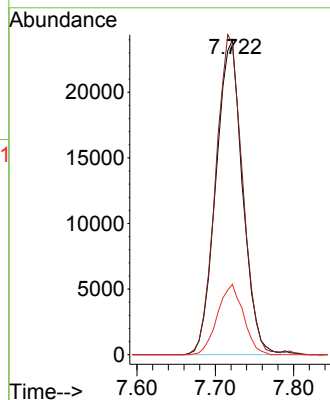
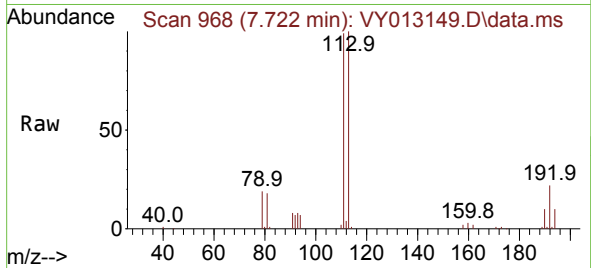




#35
Dibromofluoromethane
Concen: 50.695 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013149.D
Acq: 30 Mar 2023 14:26

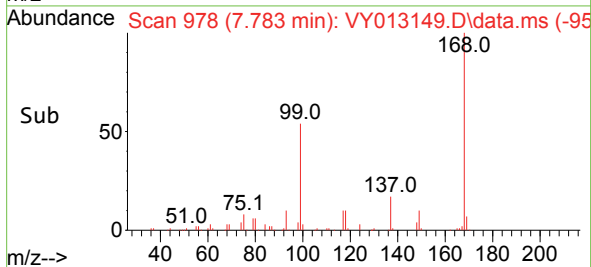
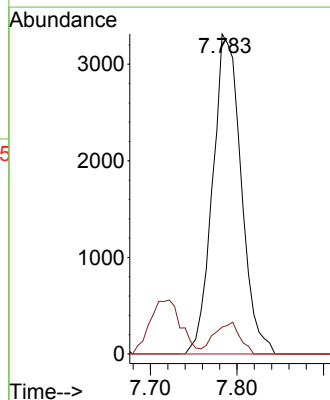
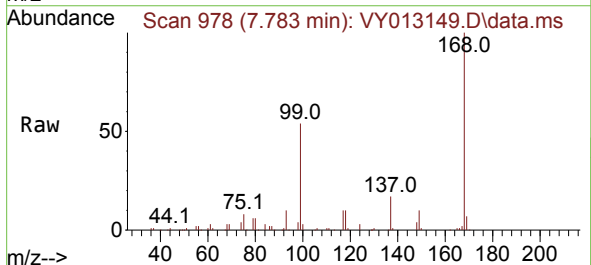
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

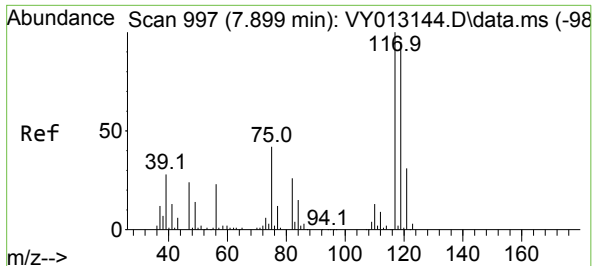
Tgt Ion:113 Resp: 56617
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 21.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.500 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013149.D
Acq: 30 Mar 2023 14:26

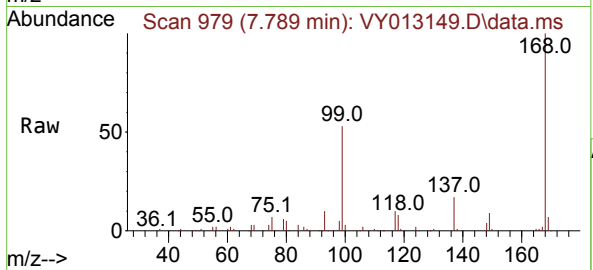
Tgt Ion: 75 Resp: 7565
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.3#
77 0.0 25.0 37.4#



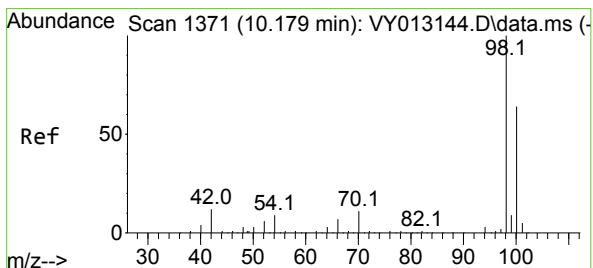
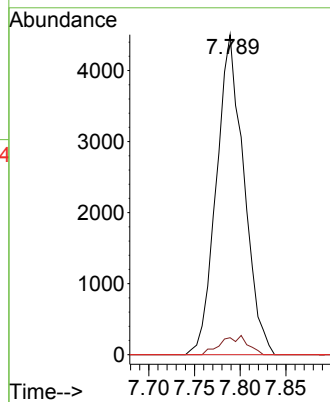
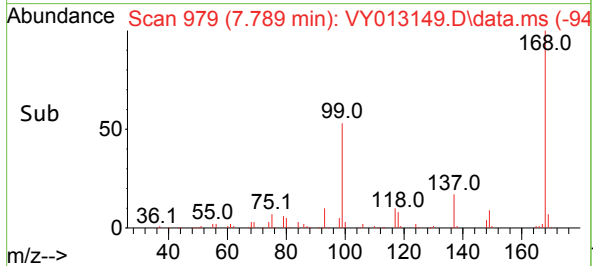


#38
Carbon Tetrachloride
Concen: 5.070 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013149.D
Acq: 30 Mar 2023 14:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

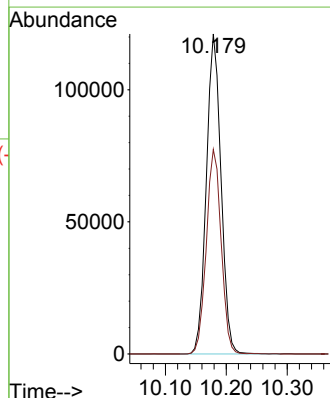
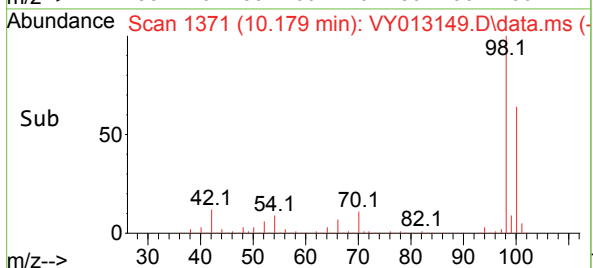
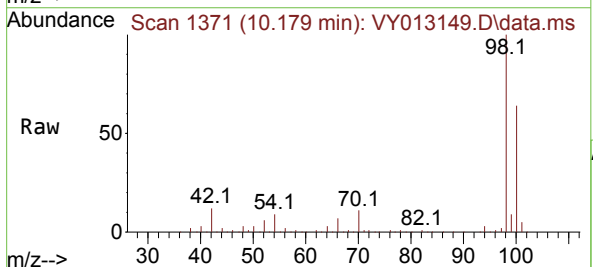


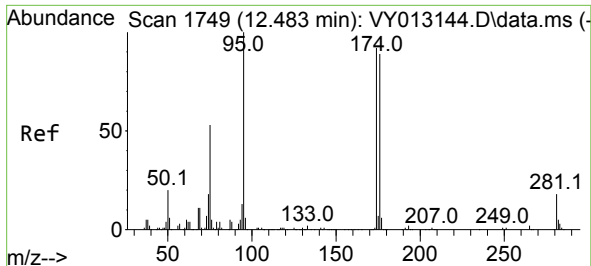
Tgt Ion:117 Resp: 9406
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.052 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013149.D
Acq: 30 Mar 2023 14:26

Tgt Ion: 98 Resp: 202594
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3

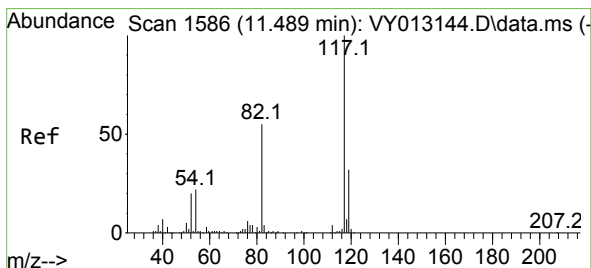
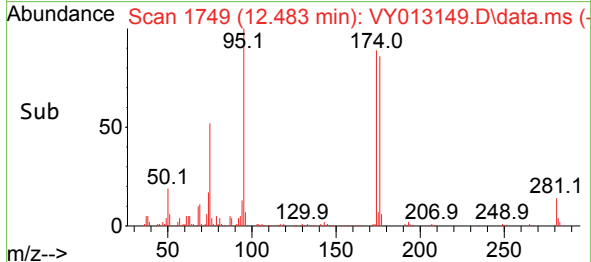
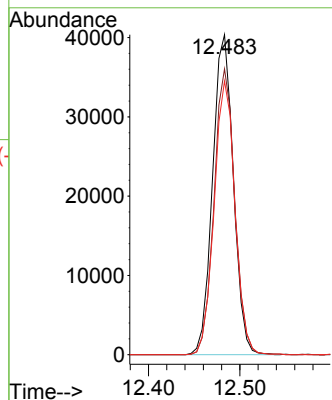
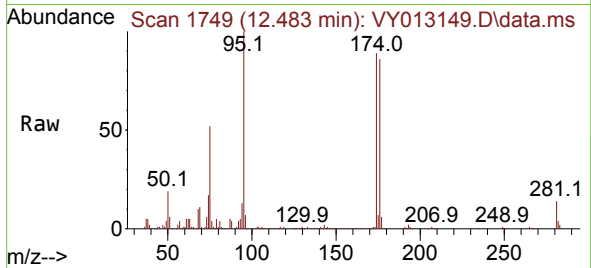




#62
4-Bromofluorobenzene
Concen: 46.299 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013149.D
Acq: 30 Mar 2023 14:26

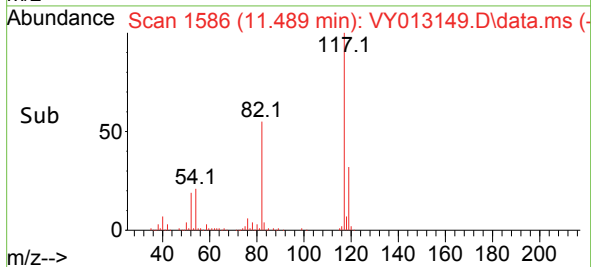
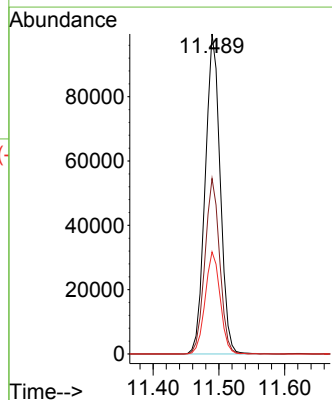
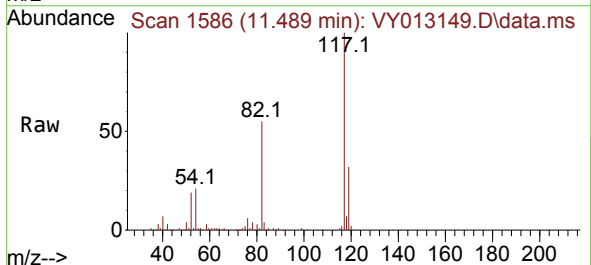
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

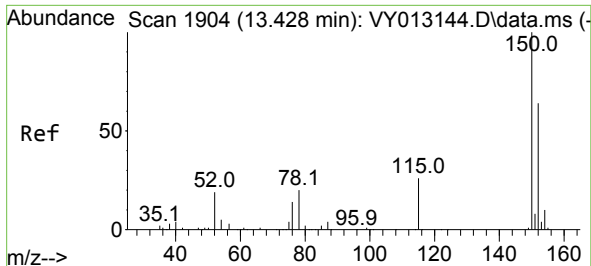
Tgt Ion: 95 Resp: 63539
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.6
176 86.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013149.D
Acq: 30 Mar 2023 14:26

Tgt Ion: 117 Resp: 157598
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.0
119 31.9 25.6 38.4

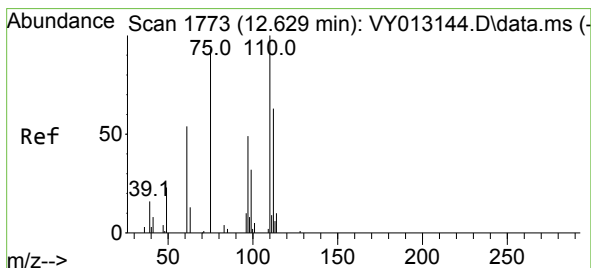
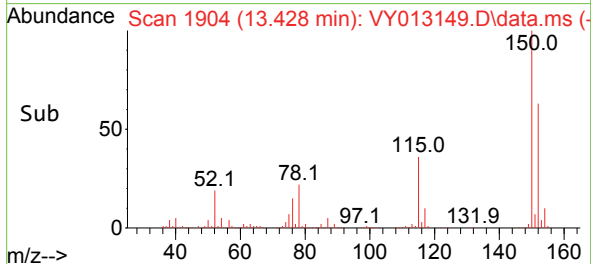
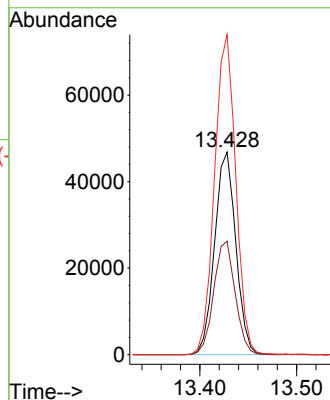
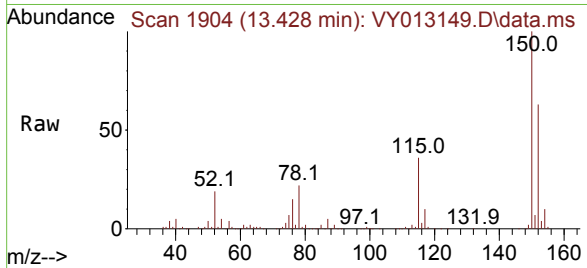




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY013149.D
 Acq: 30 Mar 2023 14:26

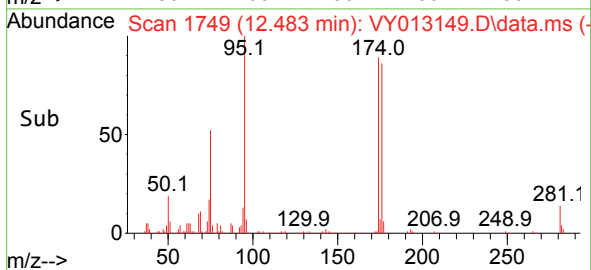
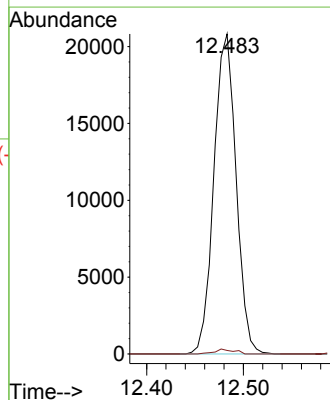
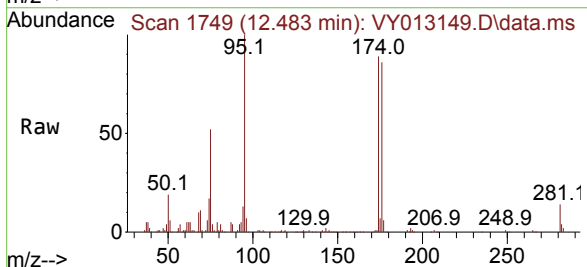
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBL01

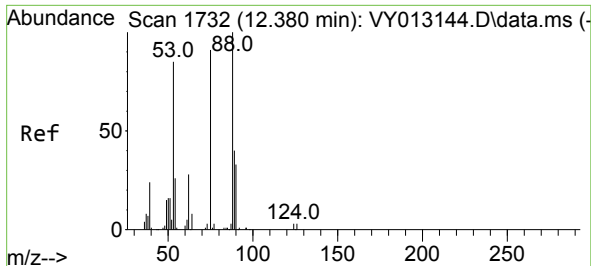
Tgt Ion:152 Resp: 71292
 Ion Ratio Lower Upper
 152 100
 115 56.8 27.1 81.3
 150 158.2 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 41.334 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY013149.D
 Acq: 30 Mar 2023 14:26

Tgt Ion: 75 Resp: 33104
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

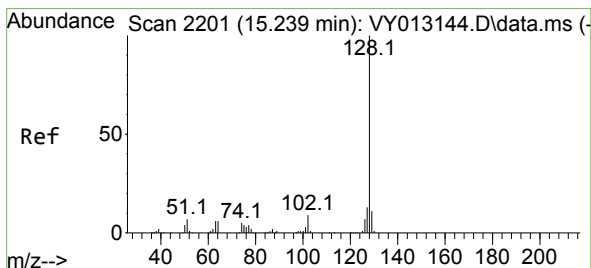
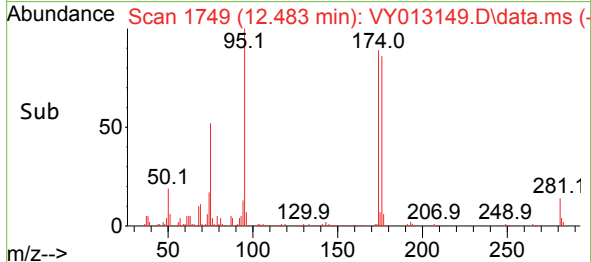
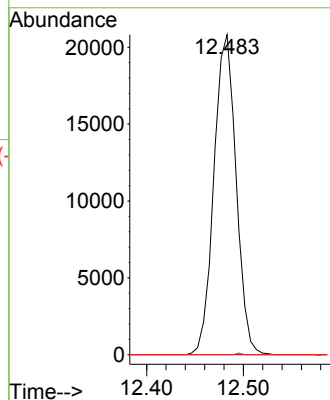
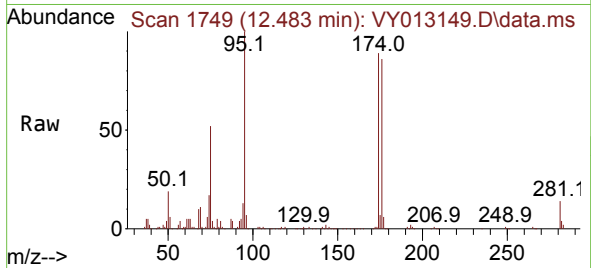




#81
trans-1,4-Dichloro-2-butene
Concen: 92.181 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013149.D
Acq: 30 Mar 2023 14:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

Tgt Ion: 75 Resp: 33104
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.1 36.6 55.0#



#95
Naphthalene
Concen: 3.509 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013149.D
Acq: 30 Mar 2023 14:26

Tgt Ion:128 Resp: 790
Ion Ratio Lower Upper
128 100
127 5.8 10.3 15.5#
129 0.0 8.6 13.0#

