

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
 Data File : VY013134.D
 Acq On : 29 Mar 2023 16:59
 Operator : KP/MD
 Sample : 02126-02
 Misc : 5.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-B

Quant Time: Mar 29 23:33:28 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	83954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	145499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	133609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56480	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57112	68.516	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.040%
35) Dibromofluoromethane	7.716	113	51300	58.423	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.840%
50) Toluene-d8	10.179	98	175235	54.589	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.180%
62) 4-Bromofluorobenzene	12.483	95	52014	48.006	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.020%

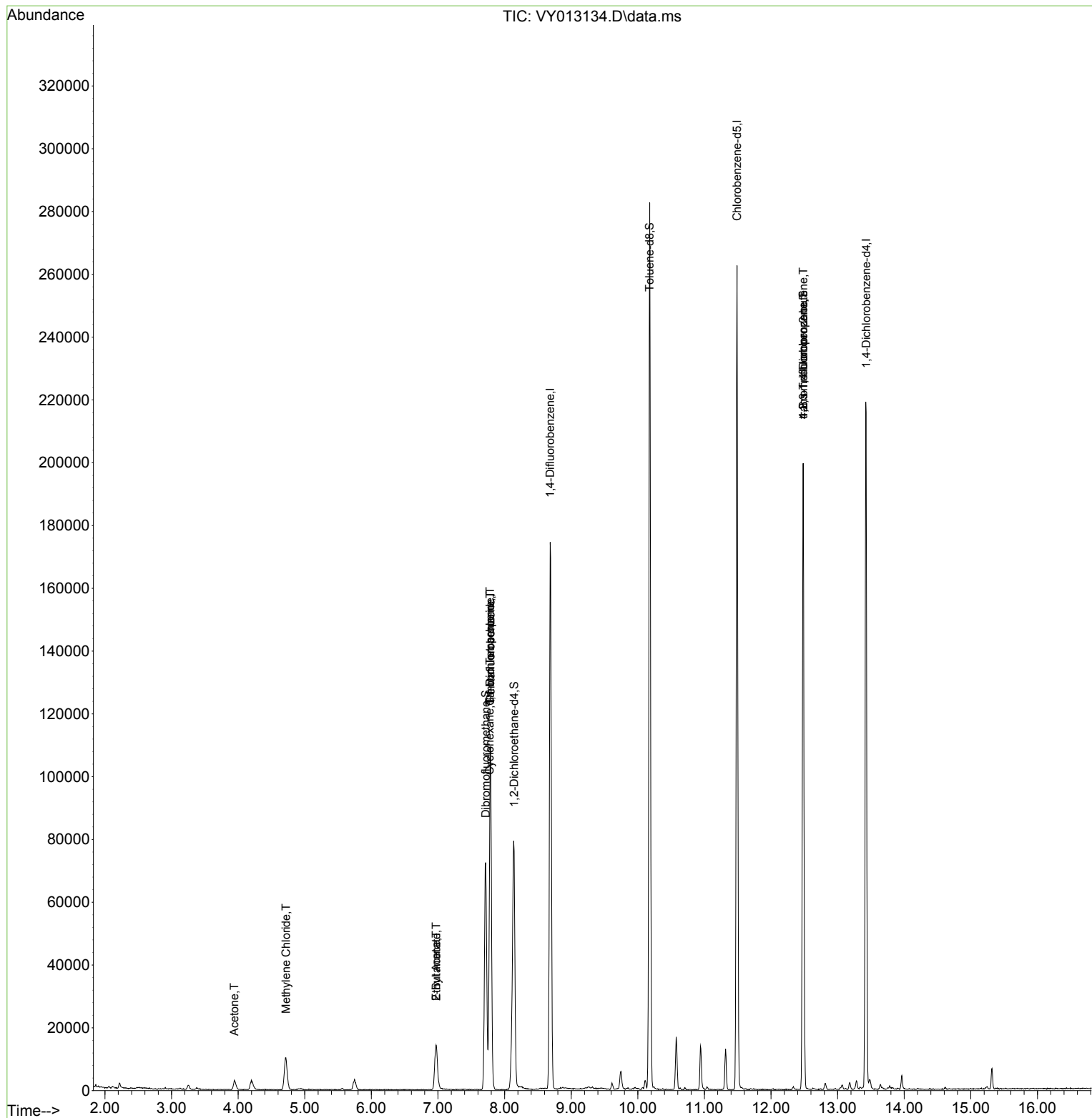
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	677	Below Cal	#	74
16) Acetone	3.942	43	5144	15.722	ug/l	91
20) Methylene Chloride	4.716	84	7024	1.863	ug/l	96
25) 2-Butanone	6.972	43	1009	2.490	ug/l	# 49
31) Cyclohexane	7.777	56	1773	1.111	ug/l	# 16
36) 1,1-Dichloropropene	7.783	75	6974	4.739	ug/l	# 48
37) Ethyl Acetate	6.972	43	1009	1.088	ug/l	# 1
38) Carbon Tetrachloride	7.783	117	8341	5.489	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	27459	40.712	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	27459	84.357	ug/l	# 13

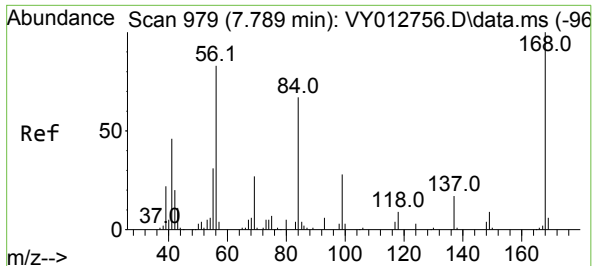
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
Data File : VY013134.D
Acq On : 29 Mar 2023 16:59
Operator : KP/MD
Sample : 02126-02
Misc : 5.31g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RS-B

Quant Time: Mar 29 23:33:28 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

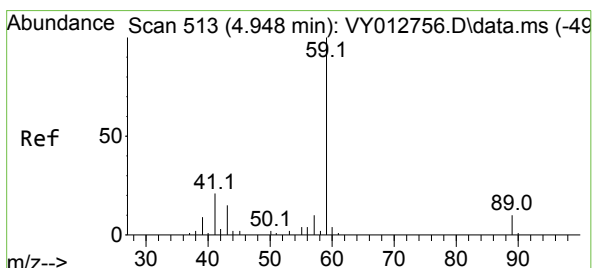
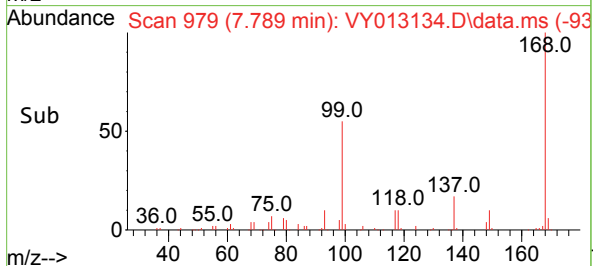
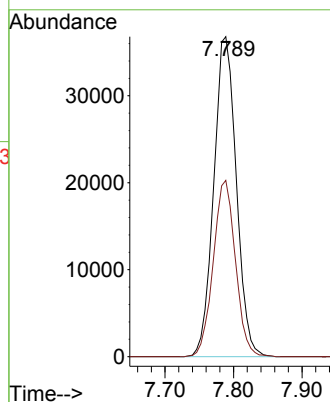
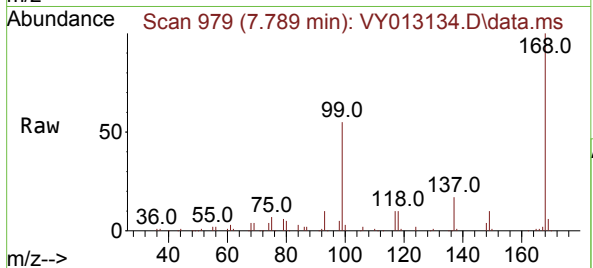




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

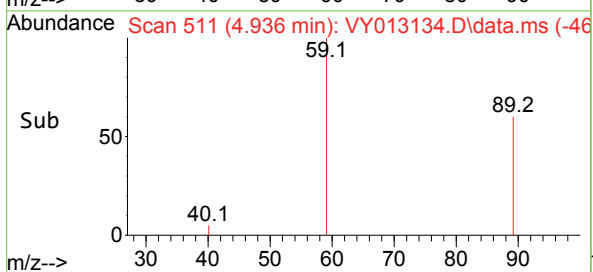
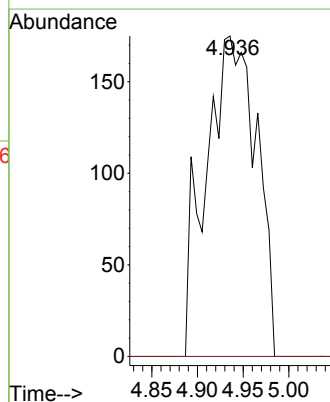
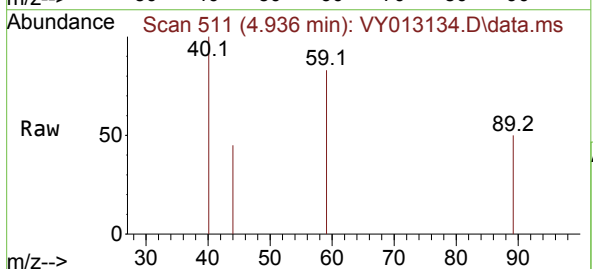
Instrument :
MSVOA_Y
ClientSampleId :
RS-B

Tgt Ion:168 Resp: 83954
Ion Ratio Lower Upper
168 100
99 55.1 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

Tgt Ion: 59 Resp: 677
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

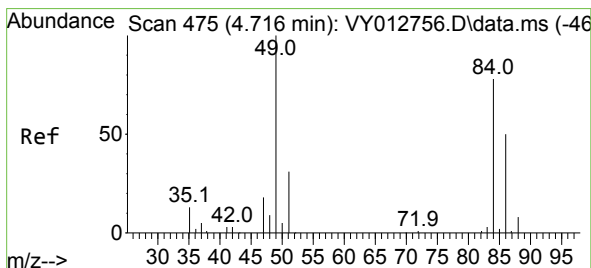
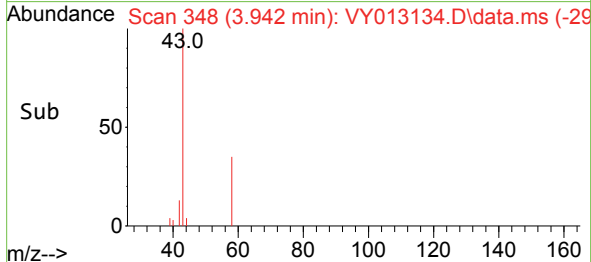
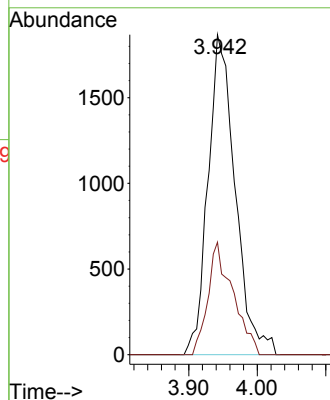
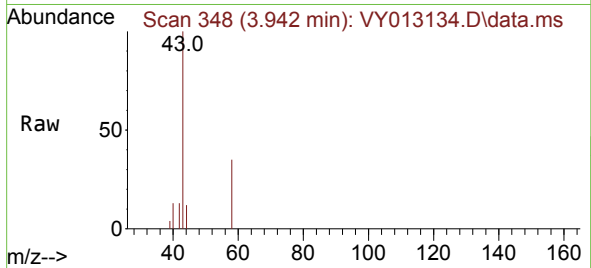




#16
Acetone
Concen: 15.722 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

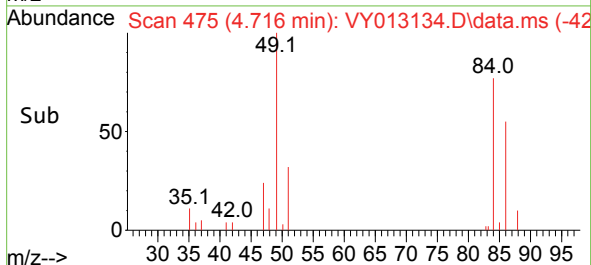
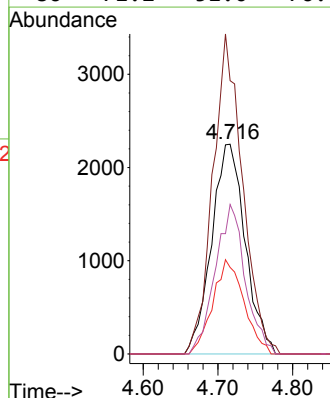
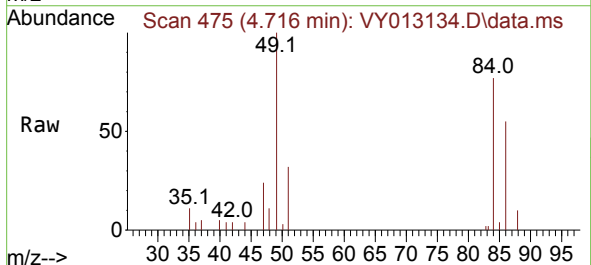
Instrument :
MSVOA_Y
ClientSampleId :
RS-B

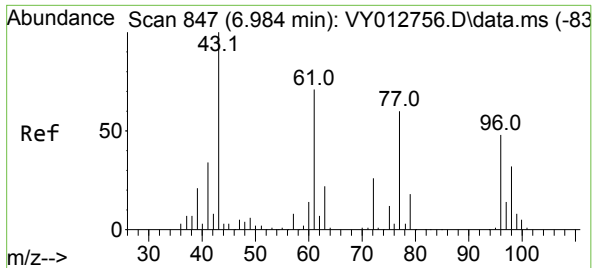
Tgt Ion: 43 Resp: 5144
Ion Ratio Lower Upper
43 100
58 35.2 24.2 36.2



#20
Methylene Chloride
Concen: 1.863 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

Tgt Ion: 84 Resp: 7024
Ion Ratio Lower Upper
84 100
49 130.3 102.6 154.0
51 41.2 31.9 47.9
86 71.2 51.0 76.6

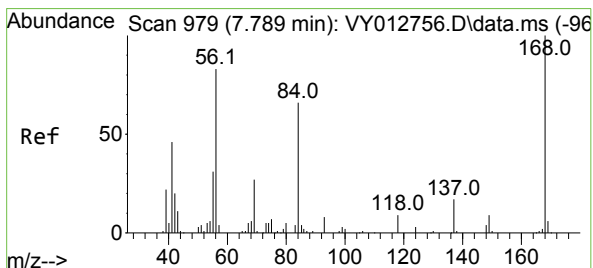
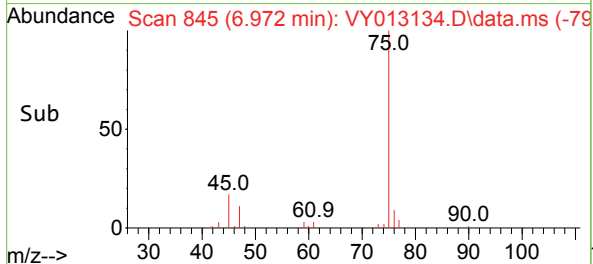
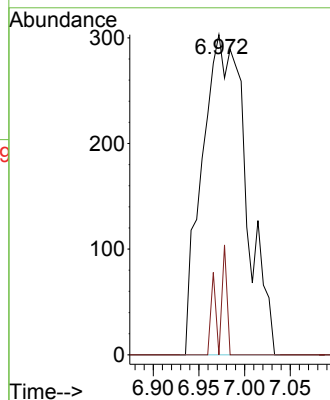
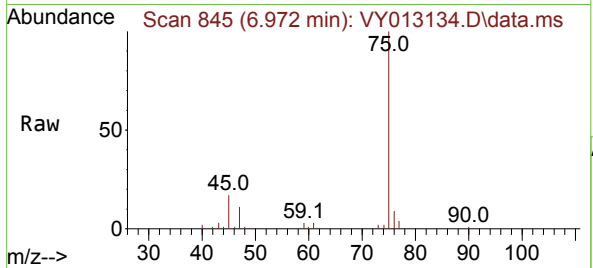




#25
2-Butanone
Concen: 2.490 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

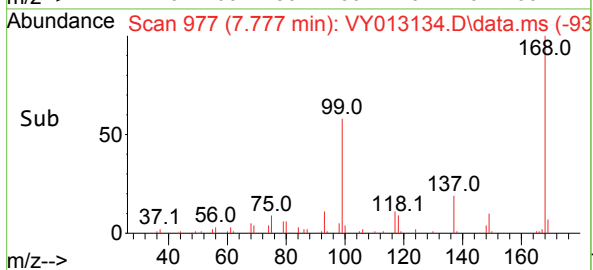
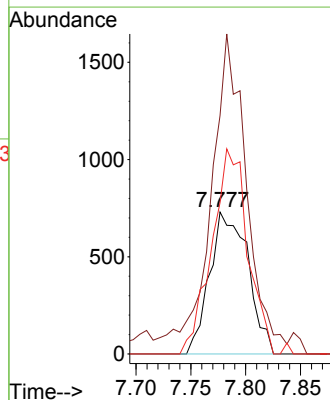
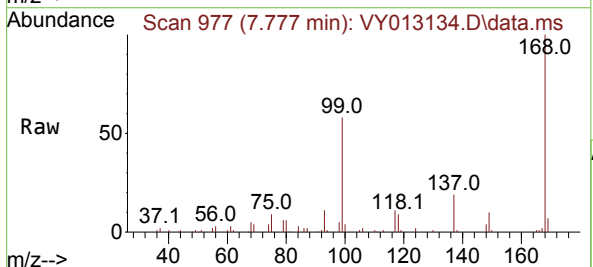
Instrument :
MSVOA_Y
ClientSampleId :
RS-B

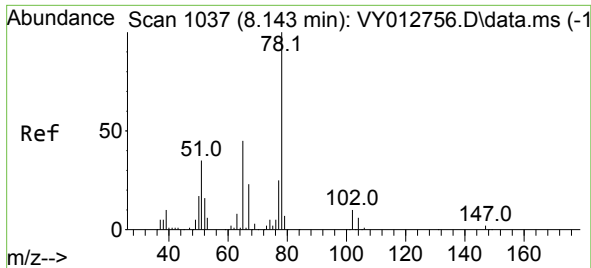
Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.012 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

Tgt Ion: 56 Resp: 1773
Ion Ratio Lower Upper
56 100
69 154.1 25.7 38.5#
84 106.7 64.3 96.5#

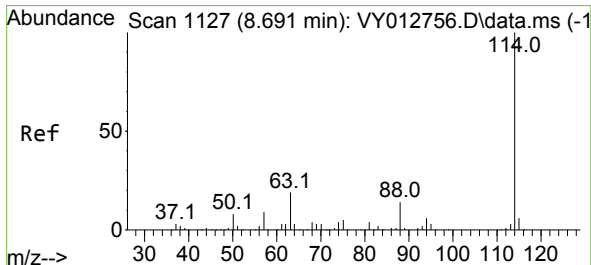
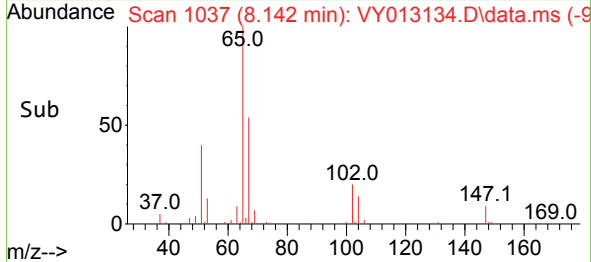
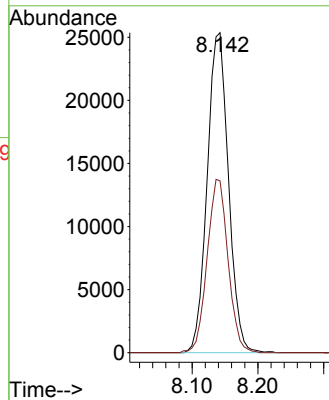
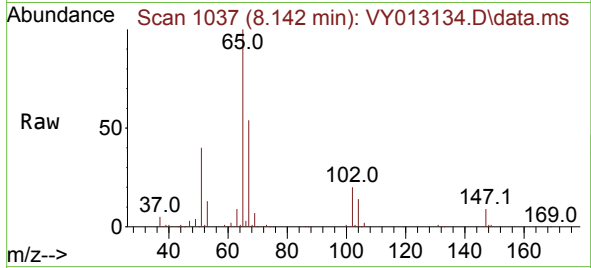




#33
1,2-Dichloroethane-d4
Concen: 68.516 ug/l
RT: 8.142 min Scan# 1103
Delta R.T. -0.001 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

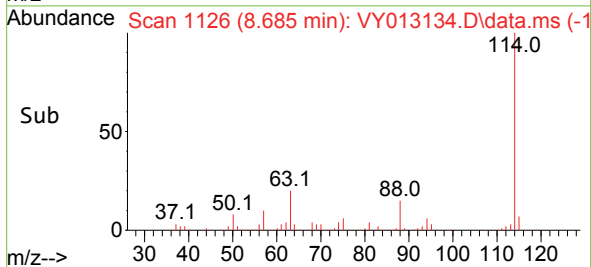
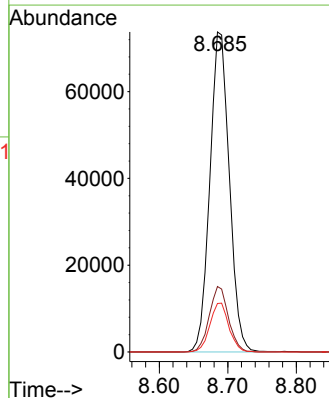
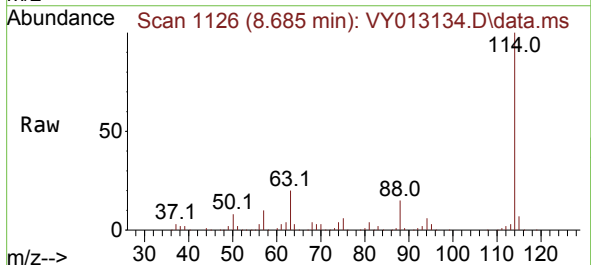
Instrument :
MSVOA_Y
ClientSampleId :
RS-B

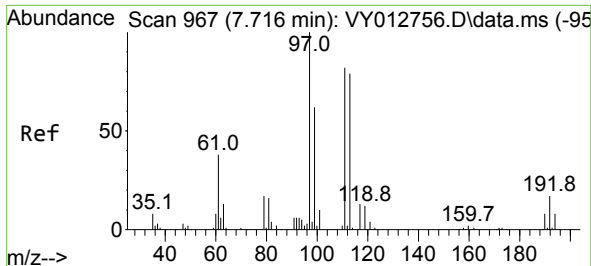
Tgt Ion: 65 Resp: 57112
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

Tgt Ion: 114 Resp: 145499
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 15.1 0.0 28.6

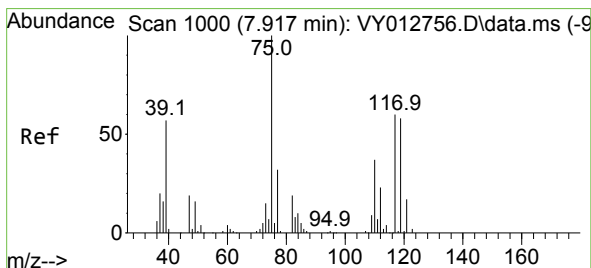
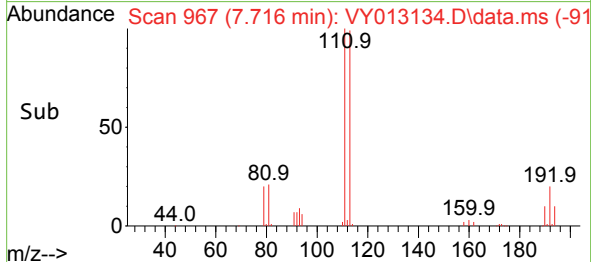
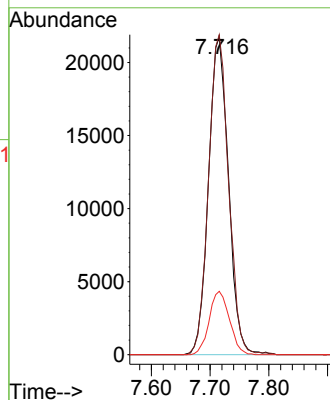
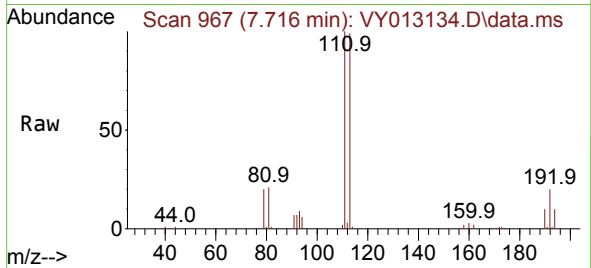




#35
Dibromofluoromethane
Concen: 58.423 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

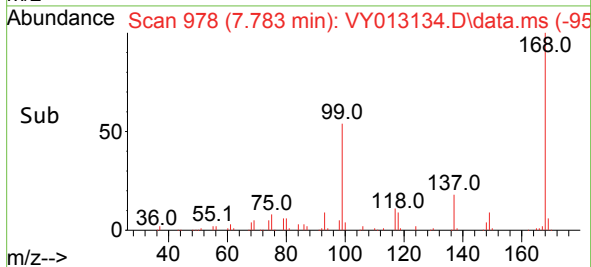
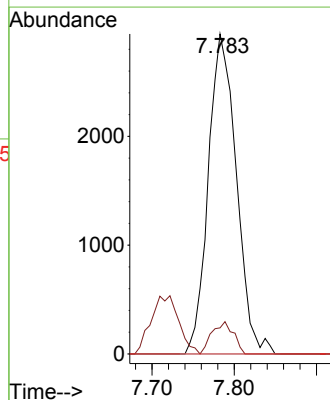
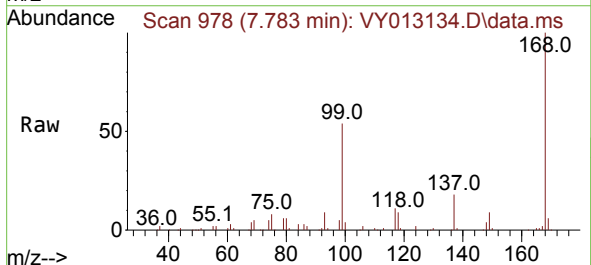
Instrument :
MSVOA_Y
ClientSampleId :
RS-B

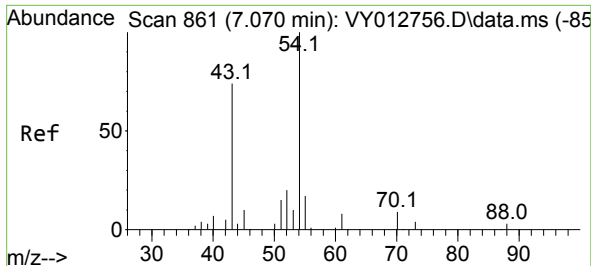
Tgt Ion:113 Resp: 51300
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 20.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.739 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

Tgt Ion: 75 Resp: 6974
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.088 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY013134.D

Acq: 29 Mar 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

RS-B

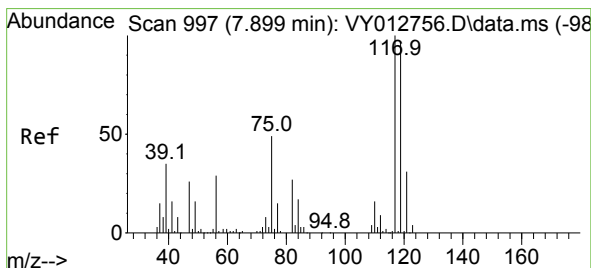
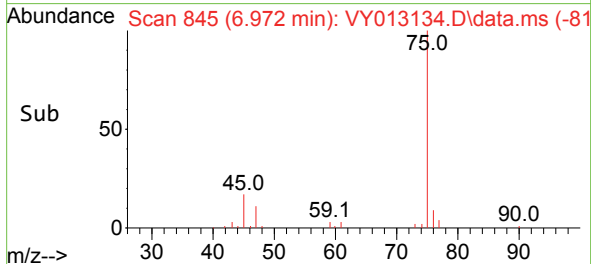
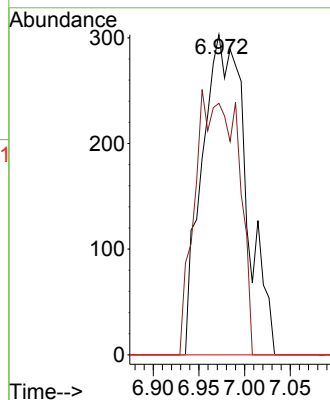
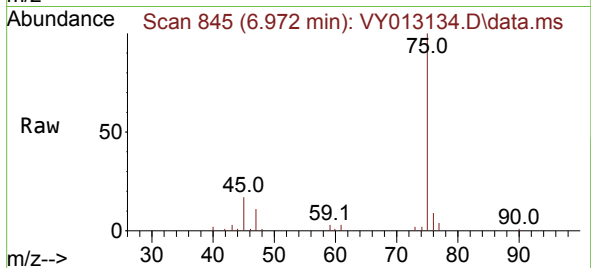
Tgt Ion: 43 Resp: 1009

Ion Ratio Lower Upper

43 100

61 80.7 10.7 16.1#

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 5.489 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY013134.D

Acq: 29 Mar 2023 16:59

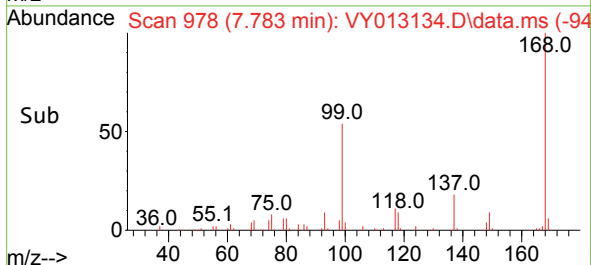
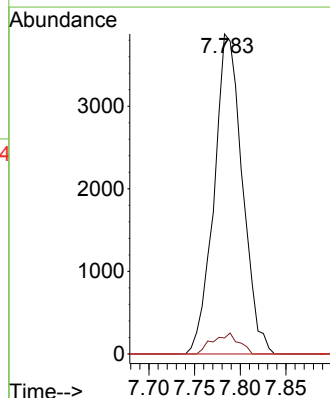
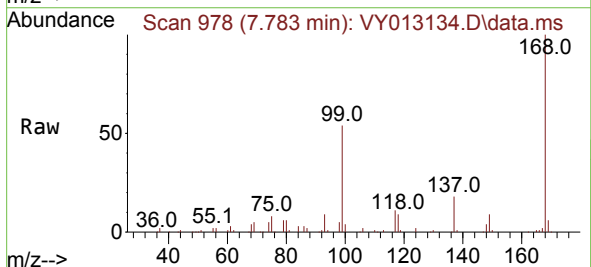
Tgt Ion: 117 Resp: 8341

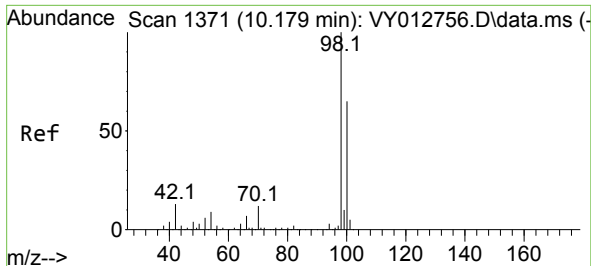
Ion Ratio Lower Upper

117 100

119 5.0 77.2 115.8#

121 0.0 24.7 37.1#

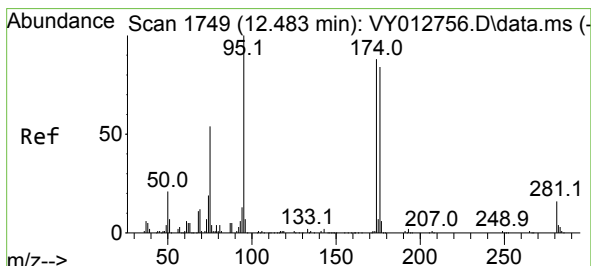
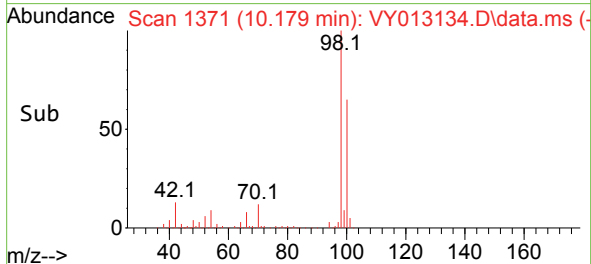
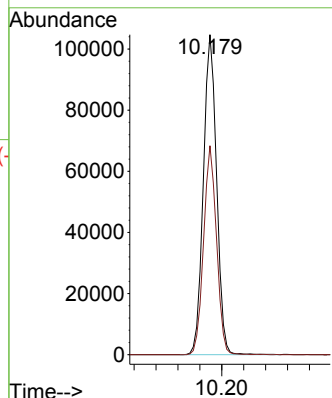
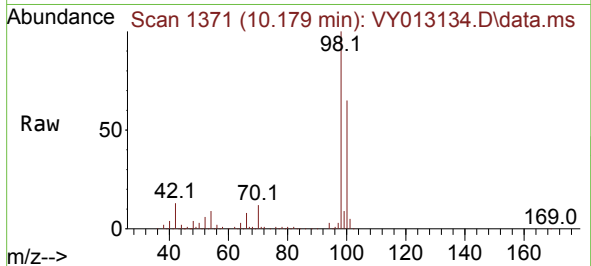




#50
Toluene-d8
Concen: 54.589 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

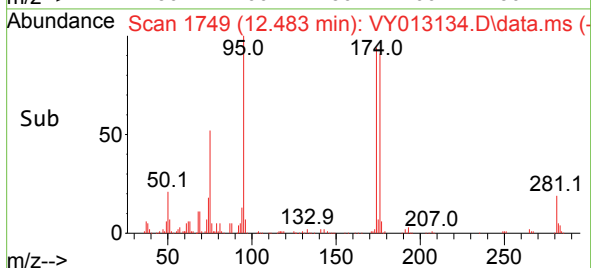
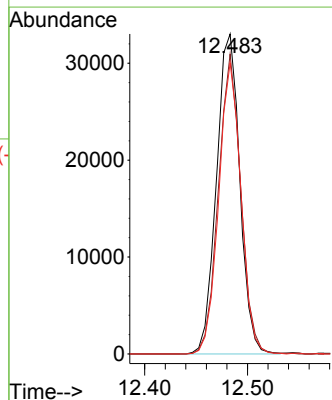
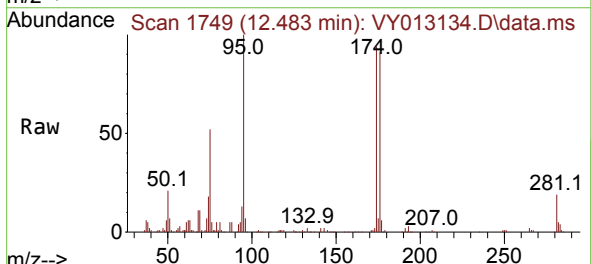
Instrument :
MSVOA_Y
ClientSampleId :
RS-B

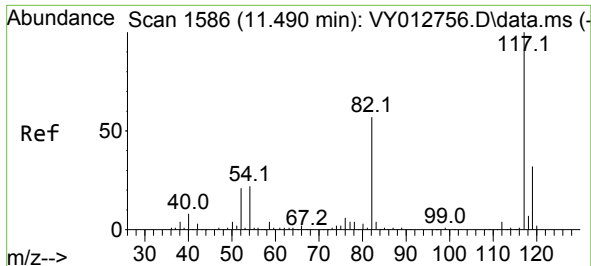
Tgt Ion: 98 Resp: 175235
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.006 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

Tgt Ion: 95 Resp: 52014
Ion Ratio Lower Upper
95 100
174 89.7 0.0 176.6
176 86.7 0.0 170.2

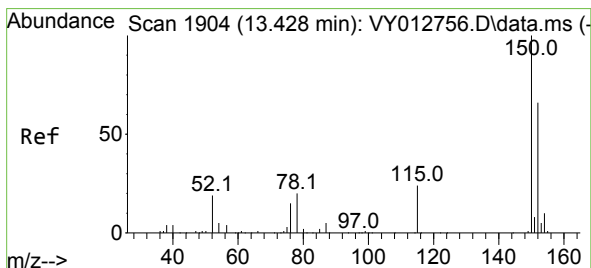
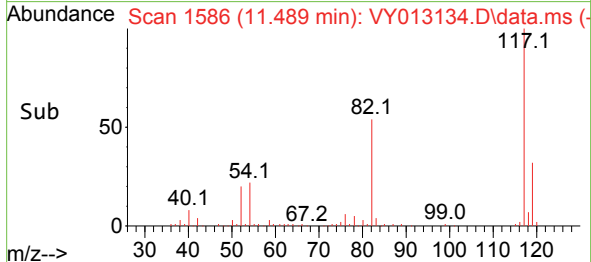
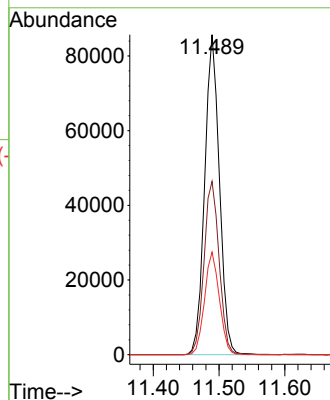
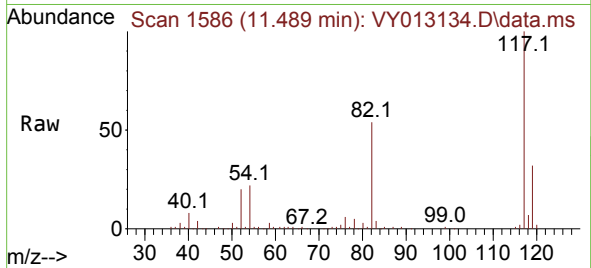




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

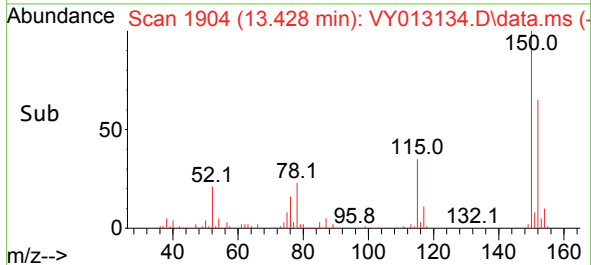
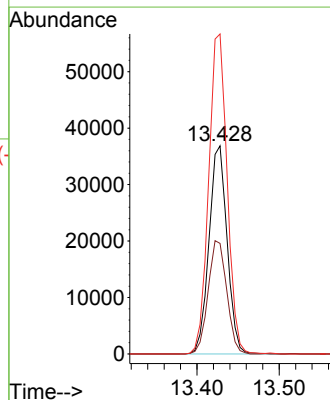
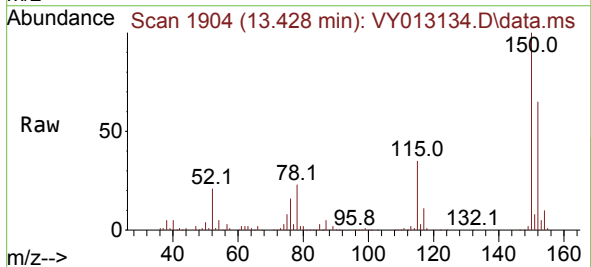
Instrument :
MSVOA_Y
ClientSampleId :
RS-B

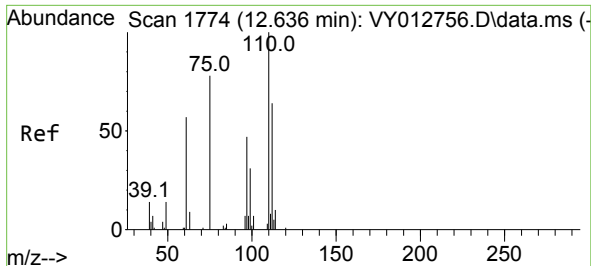
Tgt Ion:117 Resp: 133609
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

Tgt Ion:152 Resp: 56480
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 156.5 0.0 347.8

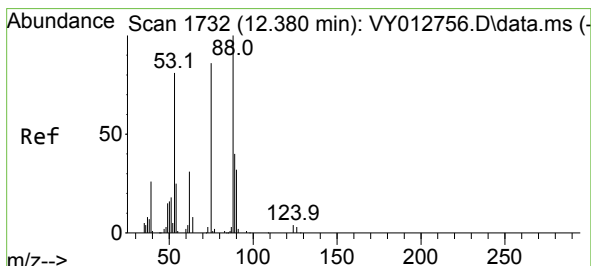
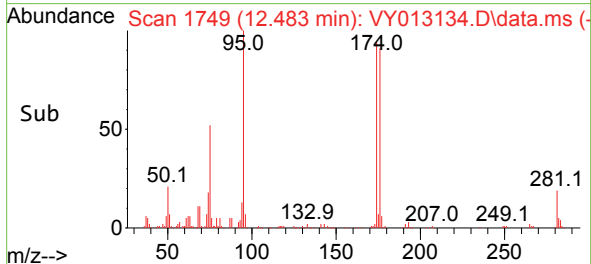
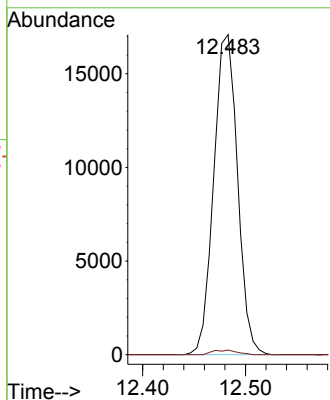
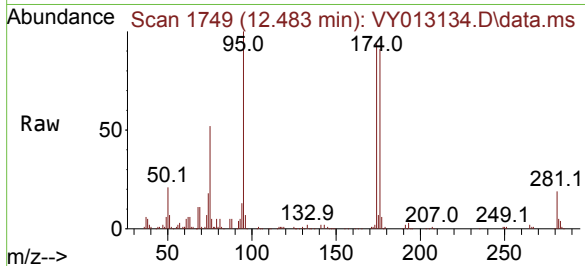




#76
1,2,3-Trichloropropane
Concen: 40.712 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

Instrument :
MSVOA_Y
ClientSampleId :
RS-B

Tgt Ion: 75 Resp: 27459
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.357 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY013134.D
Acq: 29 Mar 2023 16:59

Tgt Ion: 75 Resp: 27459
Ion Ratio Lower Upper
75 100
53 0.3 73.4 110.0#
89 0.0 36.6 55.0#

