

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013679.D
 Acq On : 10 May 2023 11:50
 Operator : KP/MD
 Sample : VY0510SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBL01

Quant Time: May 11 03:23:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

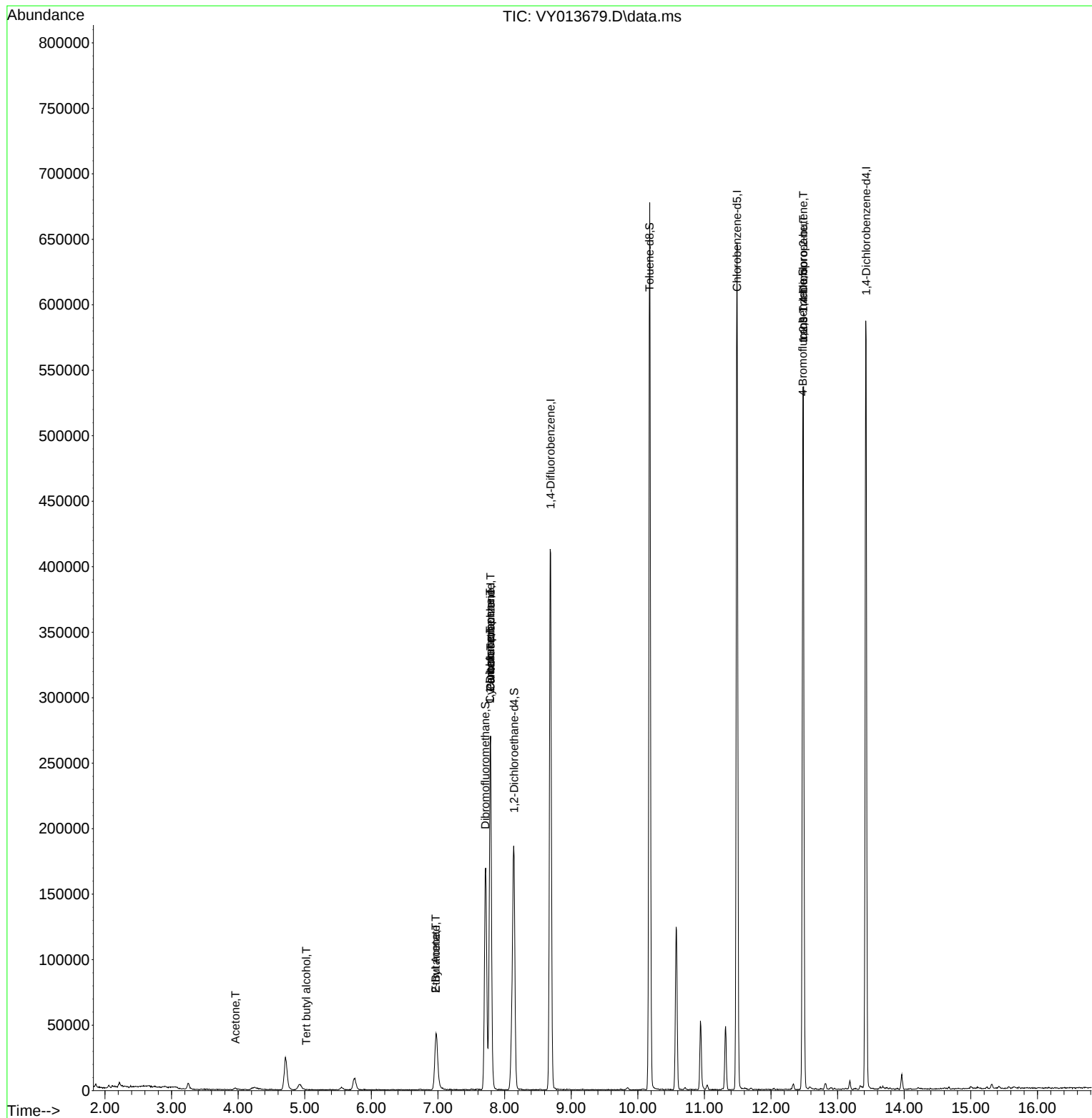
Internal Standards						
1) Pentafluorobenzene	7.789	168	208596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	356400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	343459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	136517	59.701	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.400%			
35) Dibromofluoromethane	7.710	113	118606	52.911	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.820%			
50) Toluene-d8	10.179	98	429297	53.835	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.680%			
62) 4-Bromofluorobenzene	12.477	95	138826	51.640	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.280%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.021	59	218	1.494	ug/l #	89
13) Acrolein	3.723	56	99	Below Cal	#	16
16) Acetone	3.960	43	2228	2.474	ug/l #	82
20) Methylene Chloride	4.710	84	17922	Below Cal		94
25) 2-Butanone	6.966	43	2912	2.550	ug/l #	69
31) Cyclohexane	7.783	56	4786	1.169	ug/l #	47
36) 1,1-Dichloropropene	7.783	75	15524	4.173	ug/l #	49
37) Ethyl Acetate	6.966	43	2912	1.040	ug/l #	1
38) Carbon Tetrachloride	7.789	117	20257	5.195	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	75408	36.138	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75408	73.922	ug/l #	13

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
Data File : VY013679.D
Acq On : 10 May 2023 11:50
Operator : KP/MD
Sample : VY0510SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

Quant Time: May 11 03:23:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

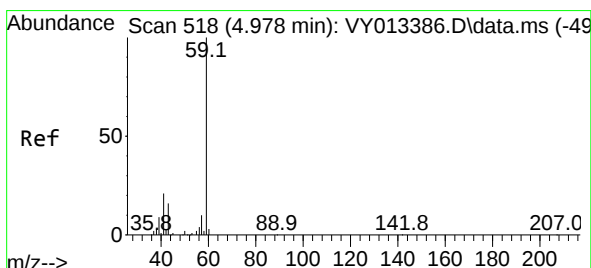
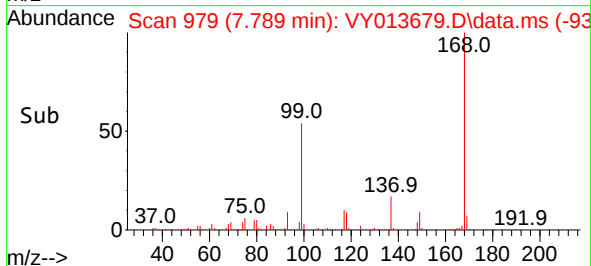
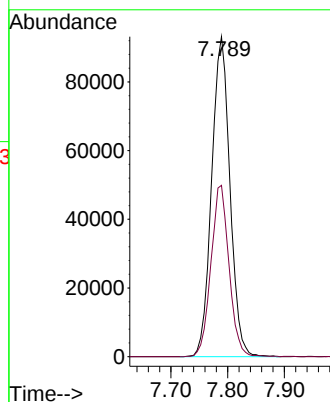
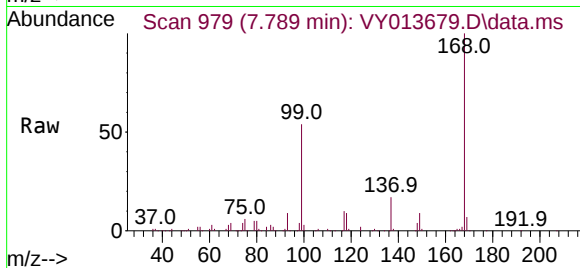




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013679.D
Acq: 10 May 2023 11:50

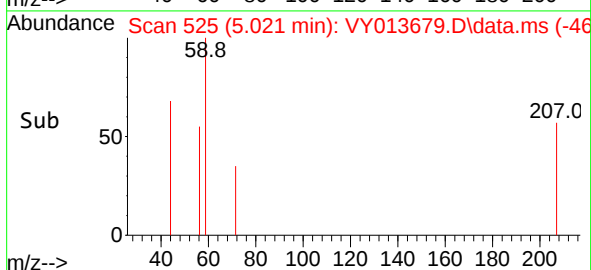
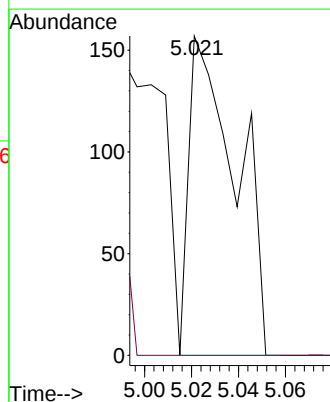
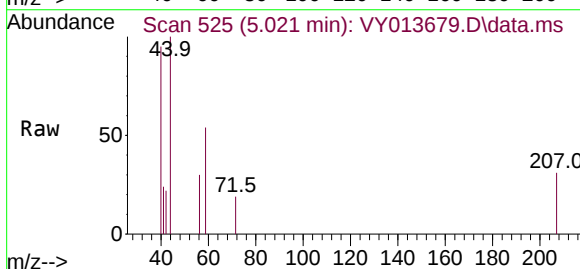
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

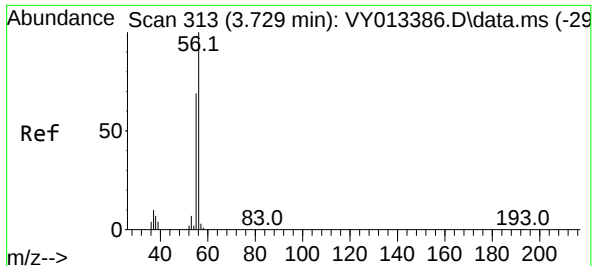
Tgt Ion:168 Resp: 208596
Ion Ratio Lower Upper
168 100
99 53.6 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.494 ug/l
RT: 5.021 min Scan# 525
Delta R.T. 0.043 min
Lab File: VY013679.D
Acq: 10 May 2023 11:50

Tgt Ion: 59 Resp: 218
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

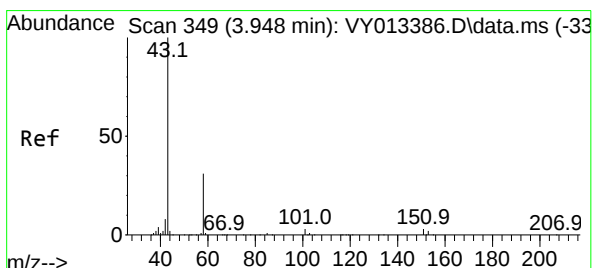
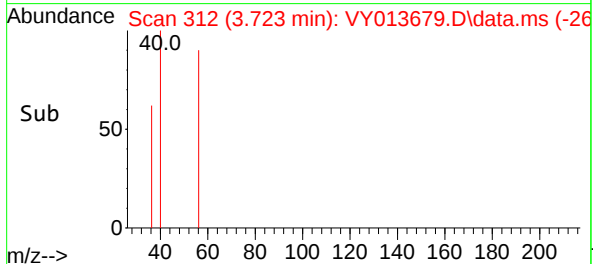
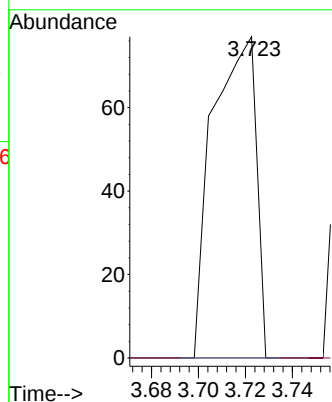
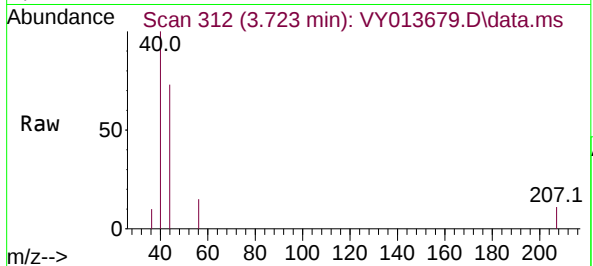




#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY013679.D
Acq: 10 May 2023 11:50

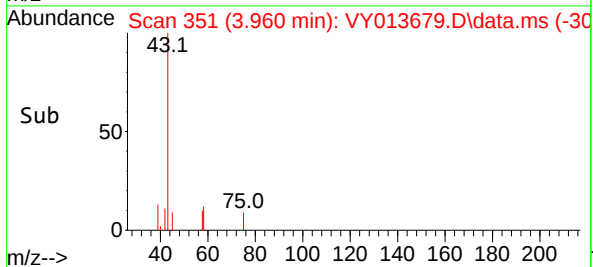
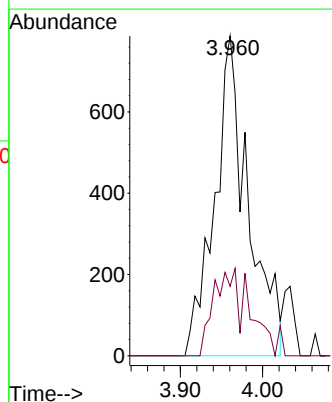
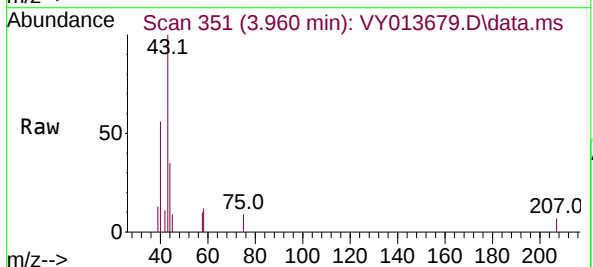
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

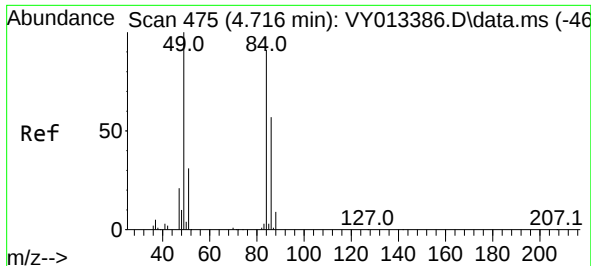
Tgt Ion: 56 Resp: 99
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#16
Acetone
Concen: 2.474 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013679.D
Acq: 10 May 2023 11:50

Tgt Ion: 43 Resp: 2228
Ion Ratio Lower Upper
43 100
58 21.7 25.4 38.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY013679.D

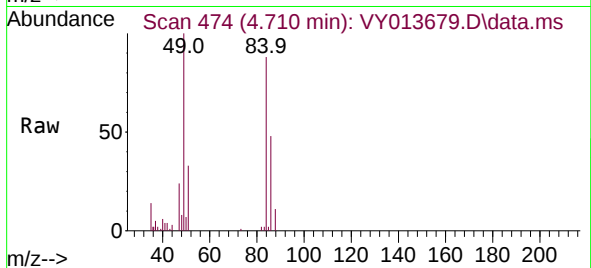
Acq: 10 May 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBL01



Tgt Ion: 84 Resp: 17922

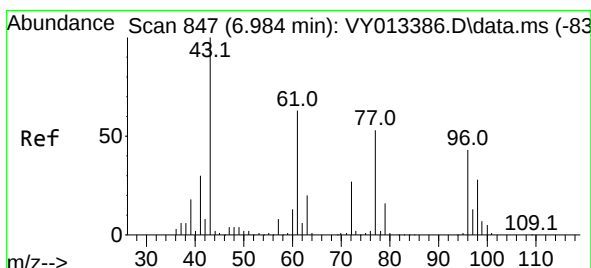
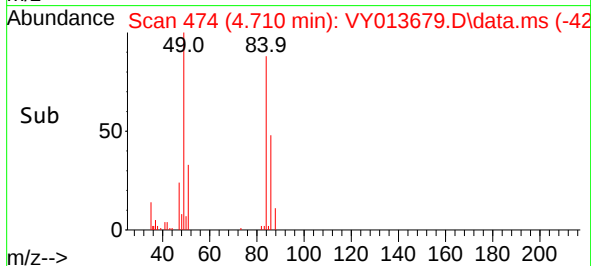
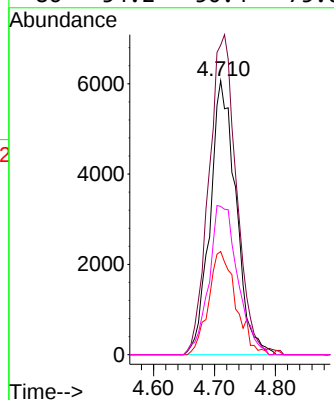
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

84	100		
----	-----	--	--

49	113.1	88.0	132.0
----	-------	------	-------

51	37.7	27.4	41.0
----	------	------	------

86	54.2	50.4	75.6
----	------	------	------



#25

2-Butanone

Concen: 2.550 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.018 min

Lab File: VY013679.D

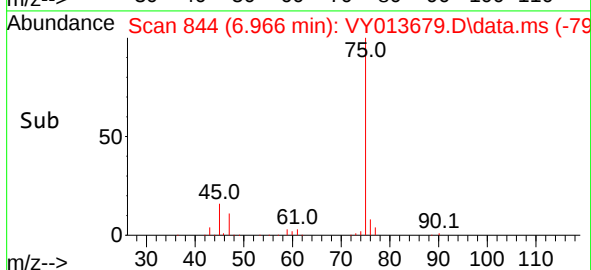
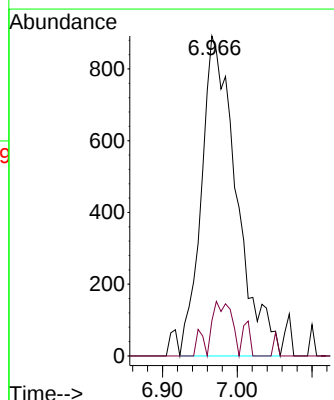
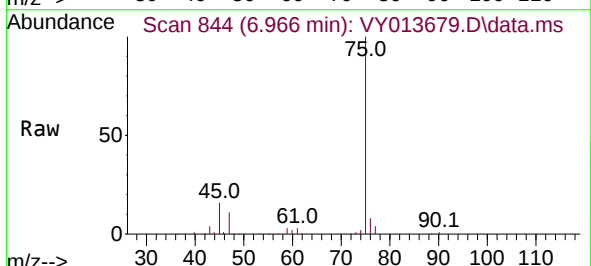
Acq: 10 May 2023 11:50

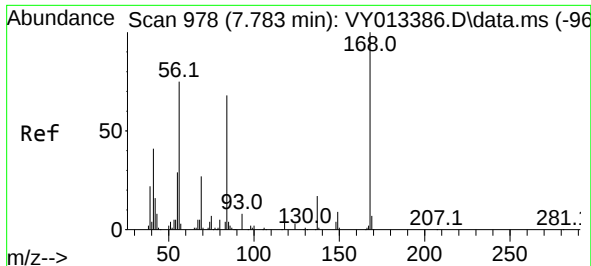
Tgt Ion: 43 Resp: 2912

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

43	100		
----	-----	--	--

72	11.0	21.9	32.9#
----	------	------	-------

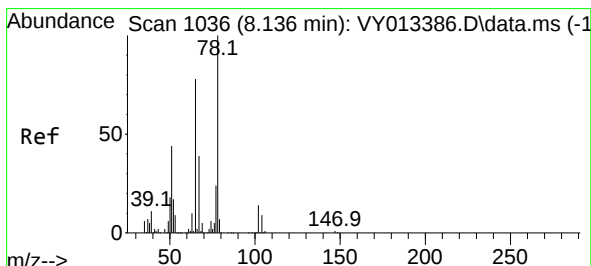
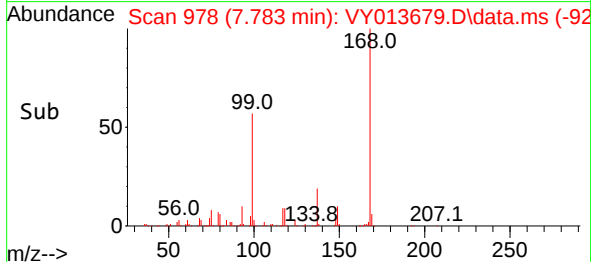
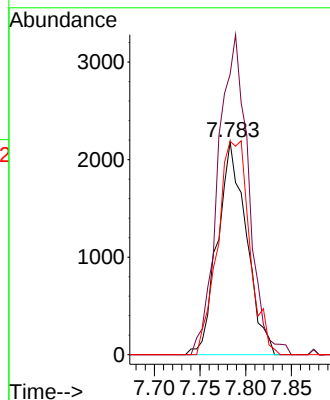
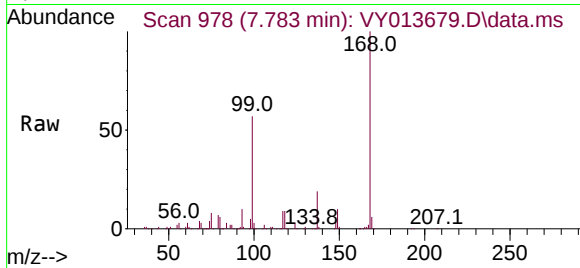




#31
Cyclohexane
Concen: 1.169 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013679.D
Acq: 10 May 2023 11:50

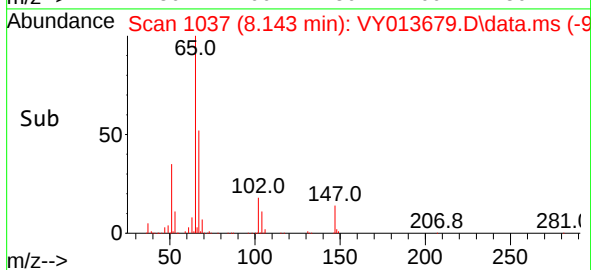
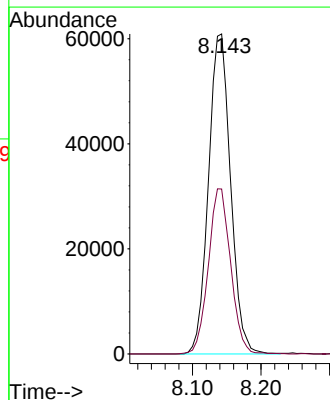
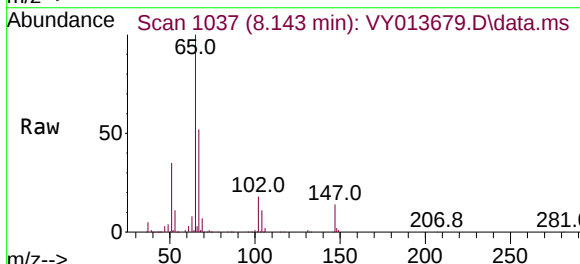
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

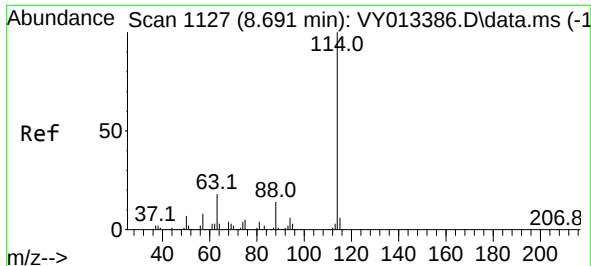
Tgt Ion: 56 Resp: 4786
Ion Ratio Lower Upper
56 100
69 131.8 29.2 43.8#
84 100.3 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 59.701 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013679.D
Acq: 10 May 2023 11:50

Tgt Ion: 65 Resp: 136517
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013679.D

Acq: 10 May 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBL01

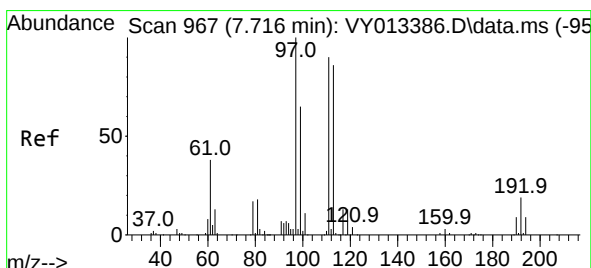
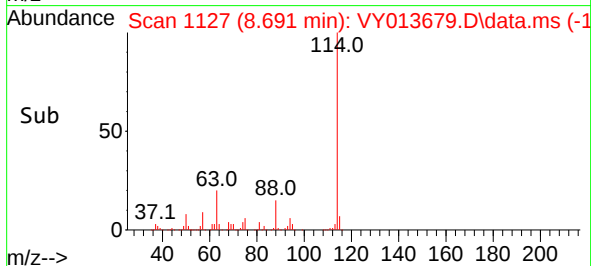
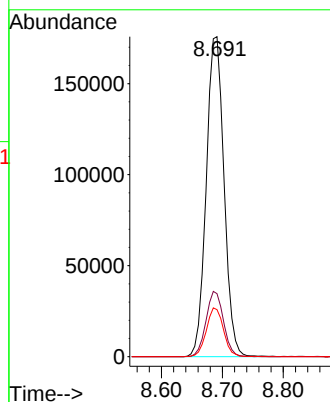
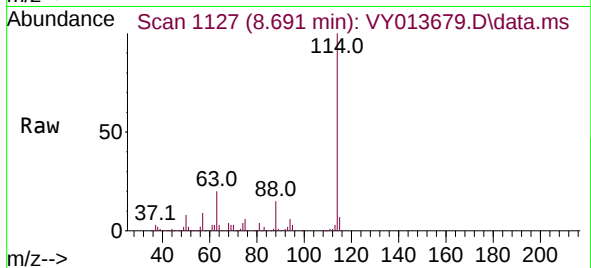
Tgt Ion:114 Resp: 356400

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.6

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 52.911 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013679.D

Acq: 10 May 2023 11:50

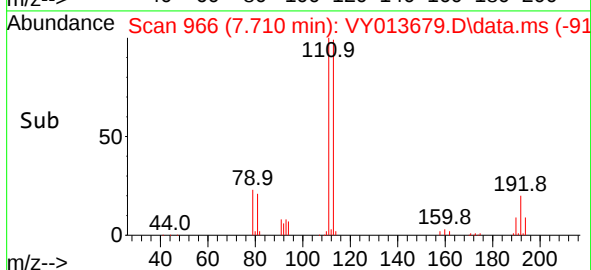
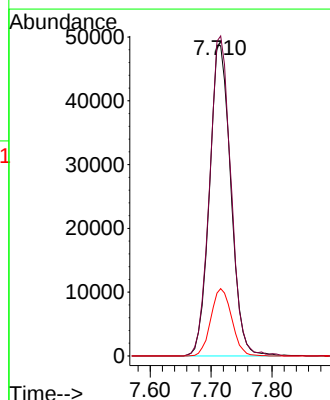
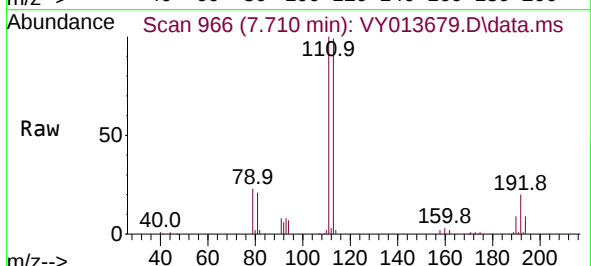
Tgt Ion:113 Resp: 118606

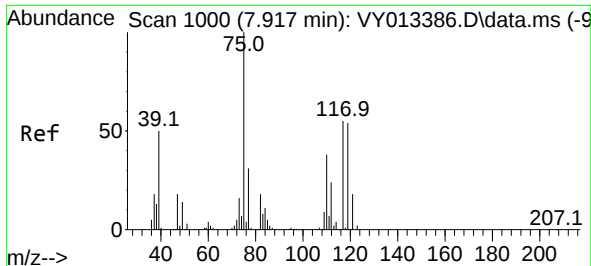
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 21.1 16.7 25.1

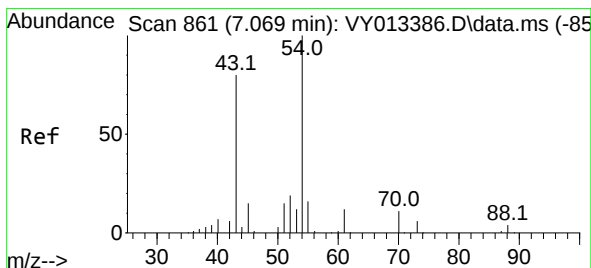
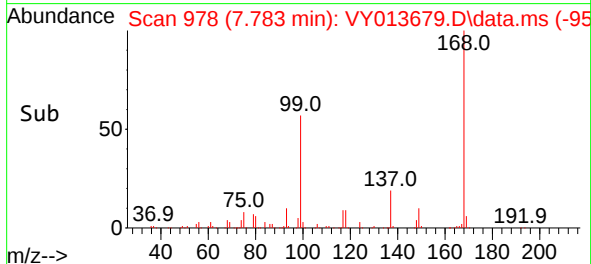
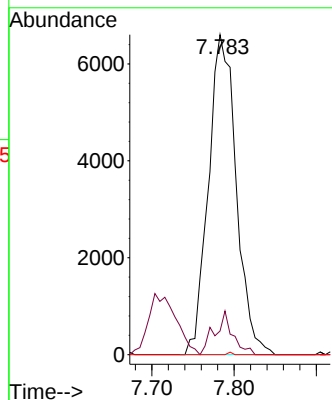
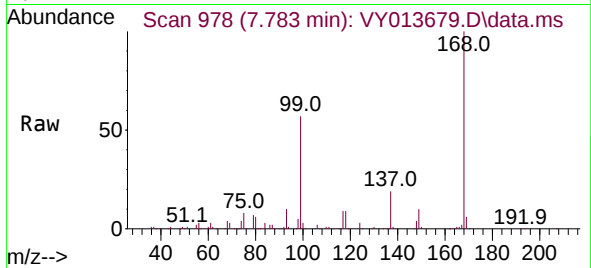




#36
1,1-Dichloropropene
Concen: 4.173 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013679.D
Acq: 10 May 2023 11:50

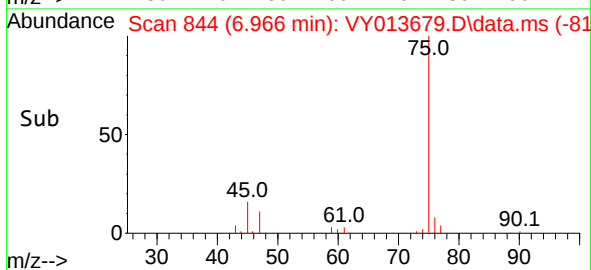
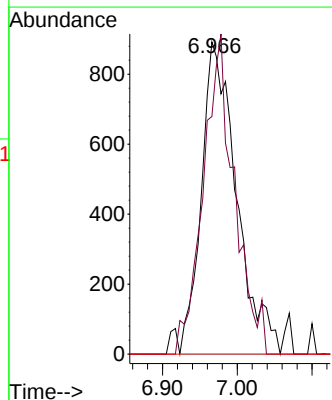
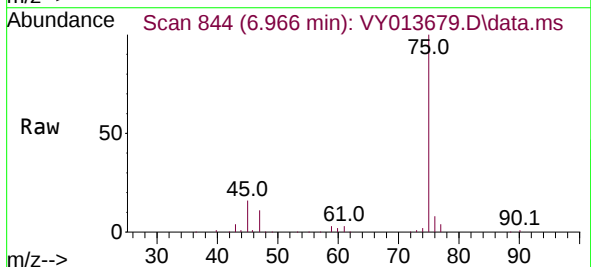
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

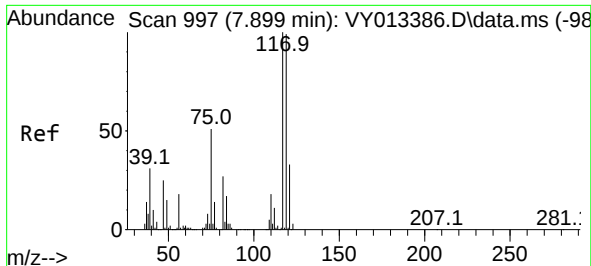
Tgt Ion: 75 Resp: 15524
Ion Ratio Lower Upper
75 100
110 8.8 18.7 56.1#
77 0.1 24.6 37.0#



#37
Ethyl Acetate
Concen: 1.040 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.103 min
Lab File: VY013679.D
Acq: 10 May 2023 11:50

Tgt Ion: 43 Resp: 2912
Ion Ratio Lower Upper
43 100
61 90.8 11.4 17.0#
70 0.0 7.9 11.9#

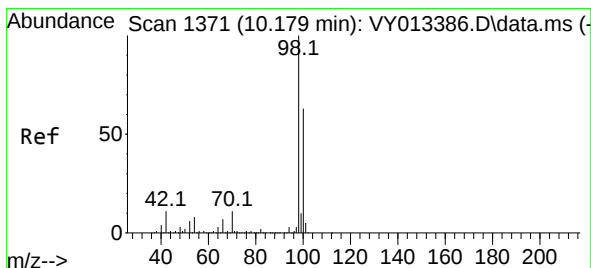
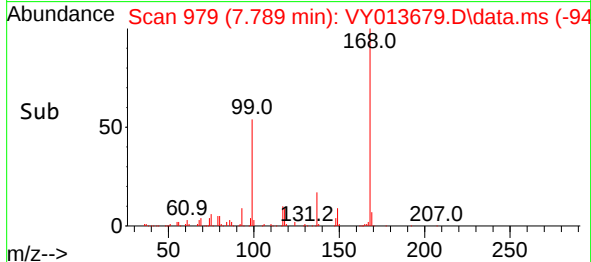
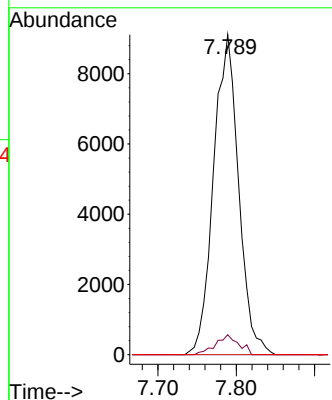
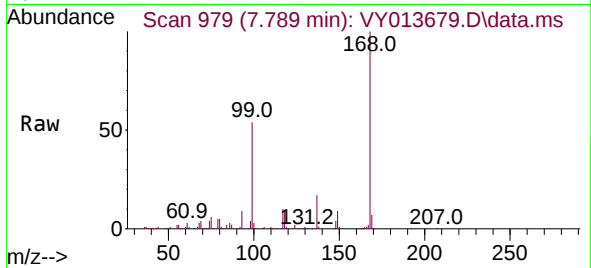




#38
Carbon Tetrachloride
Concen: 5.195 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013679.D
Acq: 10 May 2023 11:50

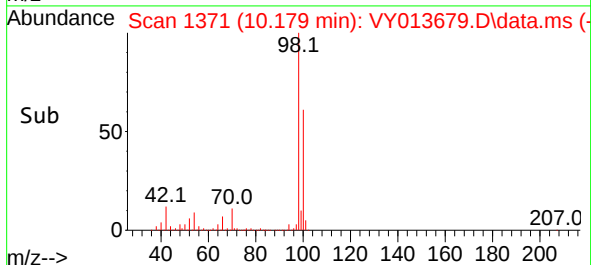
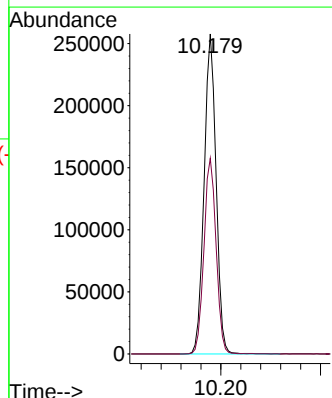
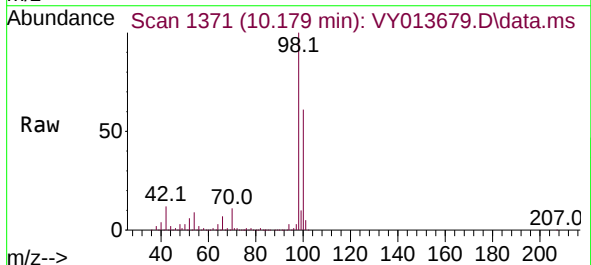
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

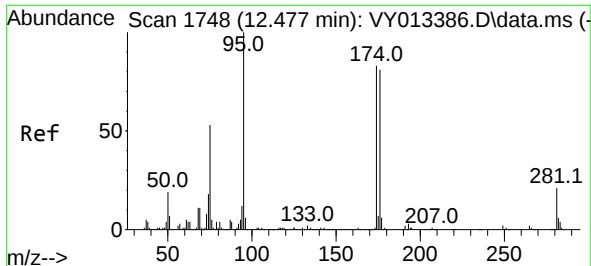
Tgt Ion:117 Resp: 20257
Ion Ratio Lower Upper
117 100
119 6.3 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 53.835 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013679.D
Acq: 10 May 2023 11:50

Tgt Ion: 98 Resp: 429297
Ion Ratio Lower Upper
98 100
100 62.1 50.5 75.7

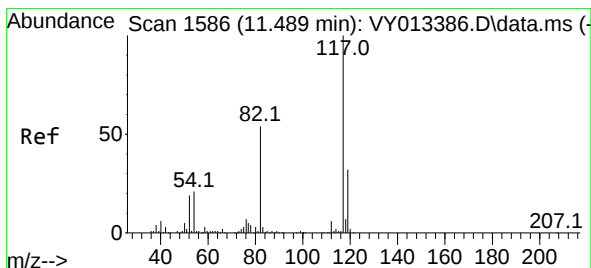
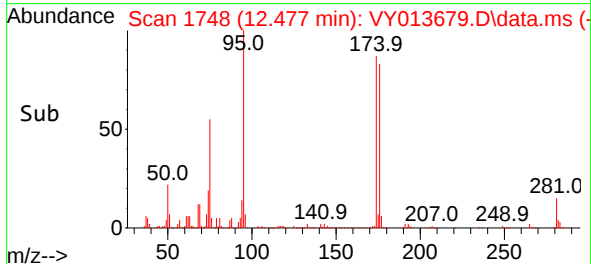
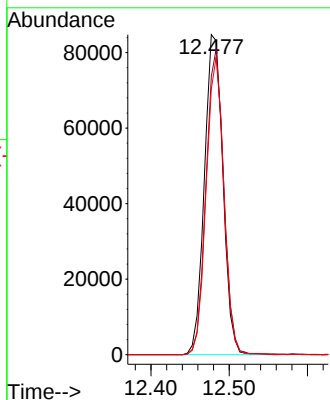
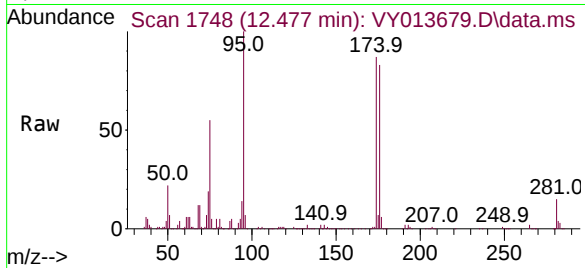




#62
4-Bromofluorobenzene
Concen: 51.640 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013679.D
Acq: 10 May 2023 11:50

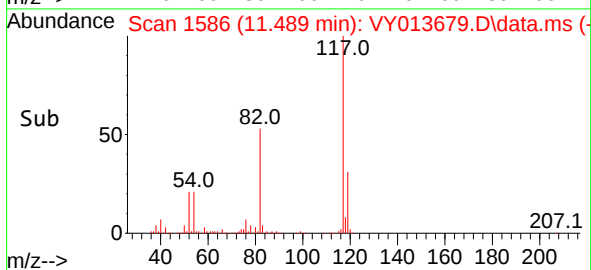
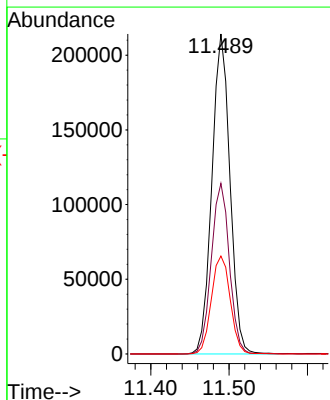
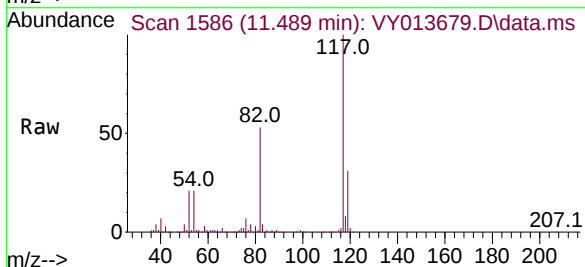
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

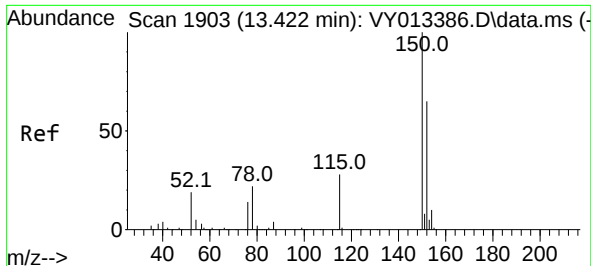
Tgt Ion: 95 Resp: 138826
Ion Ratio Lower Upper
95 100
174 91.5 0.0 182.0
176 88.8 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013679.D
Acq: 10 May 2023 11:50

Tgt Ion: 117 Resp: 343459
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.6
119 30.6 25.5 38.3

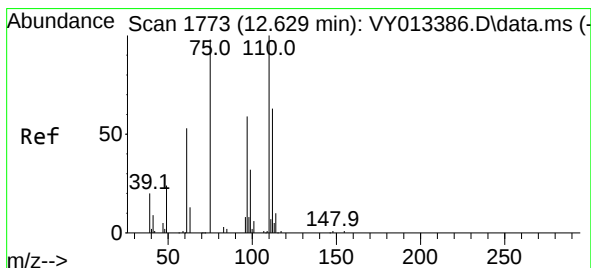
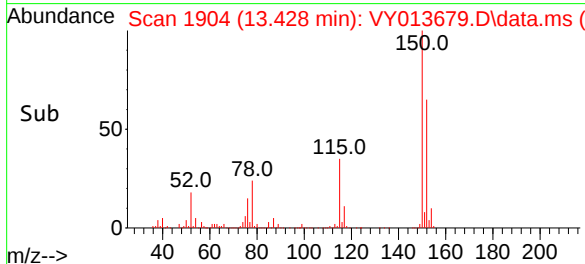
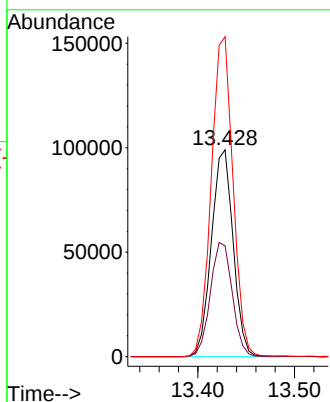
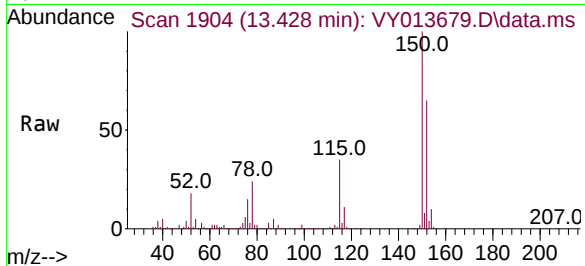




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY013679.D
 Acq: 10 May 2023 11:50

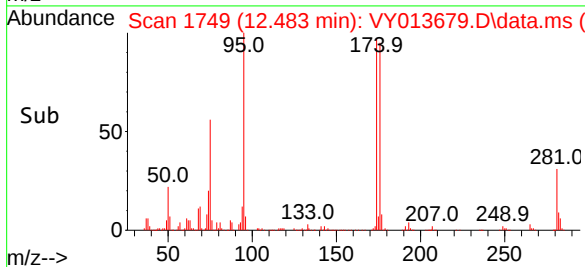
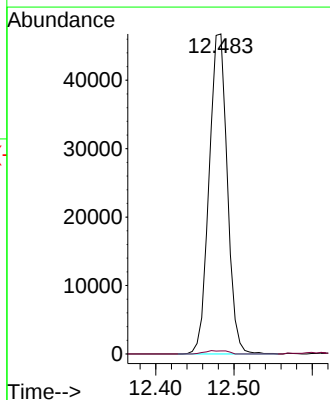
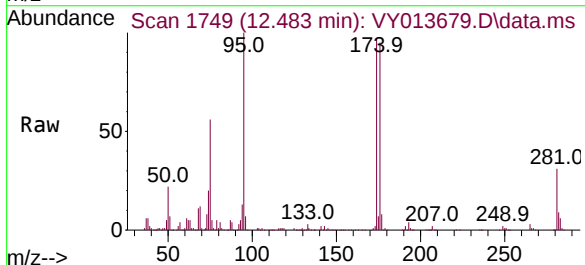
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBL01

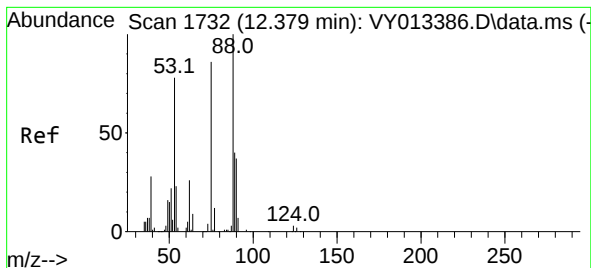
Tgt Ion:152 Resp: 154727
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.1 84.2
 150 154.6 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 36.138 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY013679.D
 Acq: 10 May 2023 11:50

Tgt Ion: 75 Resp: 75408
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.922 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013679.D
 Acq: 10 May 2023 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBL01

Tgt Ion: 75 Resp: 75408
 Ion Ratio Lower Upper
 75 100
 53 0.2 73.2 109.8#
 89 0.5 38.0 57.0#

