

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014029.D
 Acq On : 06 Jun 2023 14:39
 Operator : KP/MD
 Sample : 03039-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB30B

Quant Time: Jun 07 01:38:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

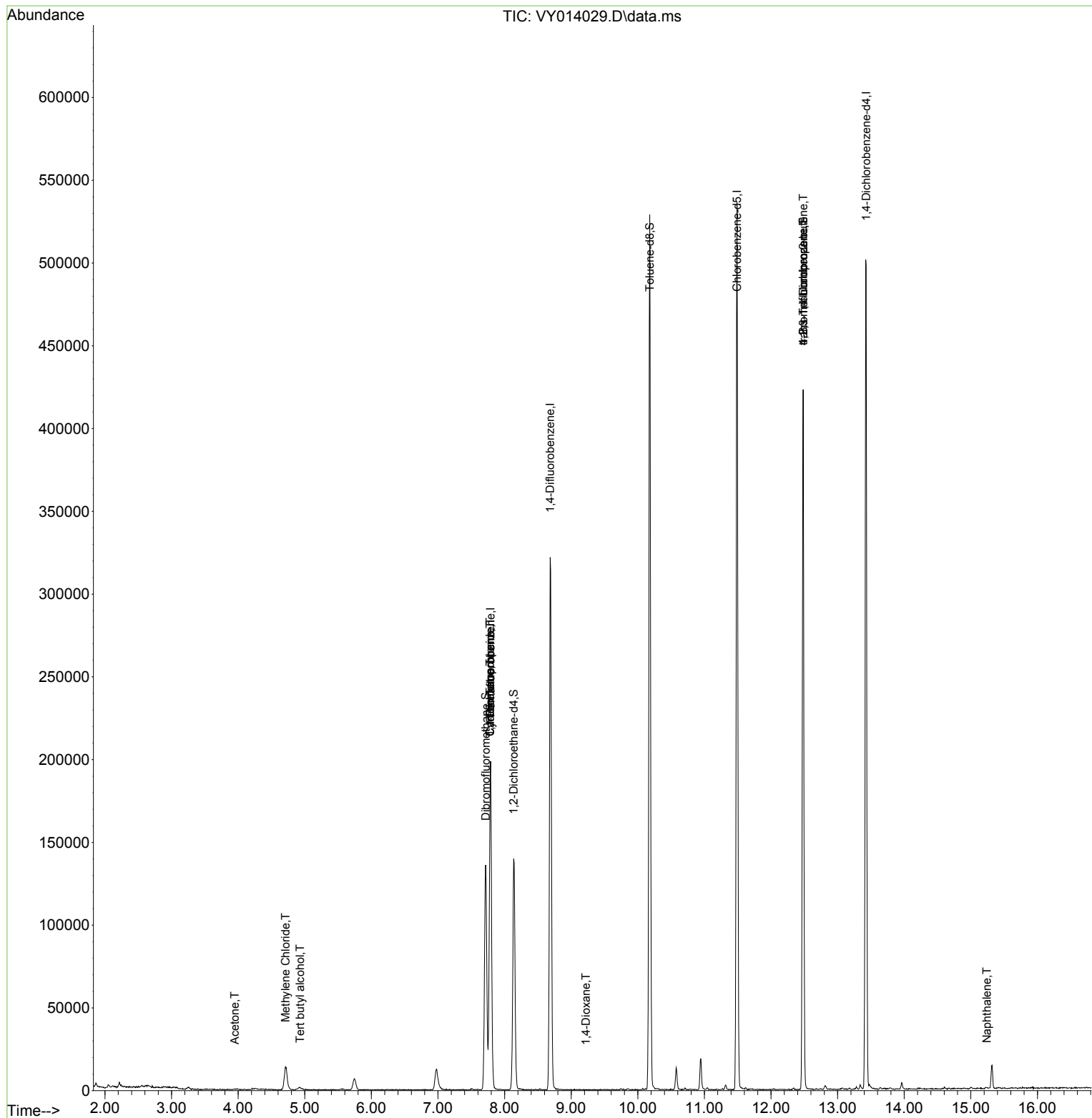
Internal Standards						
1) Pentafluorobenzene	7.789	168	151520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	268670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	278775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115137	57.403	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.800%			
35) Dibromofluoromethane	7.716	113	94100	55.112	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.220%			
50) Toluene-d8	10.179	98	334343	51.336	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.483	95	114230	51.447	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.900%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.930	59	606	1.470	ug/l #	89
16) Acetone	3.948	43	714	1.040	ug/l #	87
20) Methylene Chloride	4.710	84	9520	1.233	ug/l	88
31) Cyclohexane	7.783	56	3793	1.570	ug/l #	44
36) 1,1-Dichloropropene	7.783	75	12203	5.017	ug/l #	49
38) Carbon Tetrachloride	7.783	117	15488	5.682	ug/l #	15
49) 1,4-Dioxane	9.222	88	25	1.387	ug/l #	36
76) 1,2,3-Trichloropropane	12.483	75	63693	35.828	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63693	76.008	ug/l #	11
95) Naphthalene	15.239	128	713	3.987	ug/l #	78

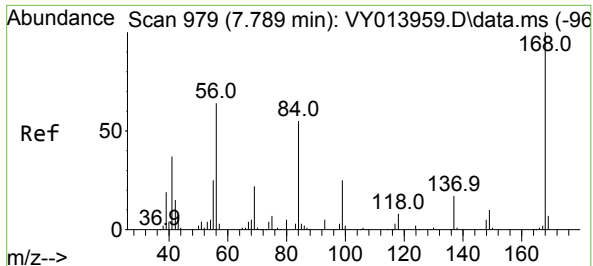
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

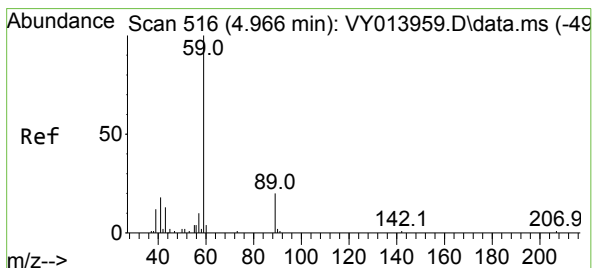
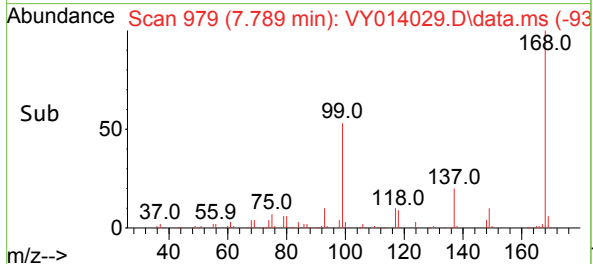
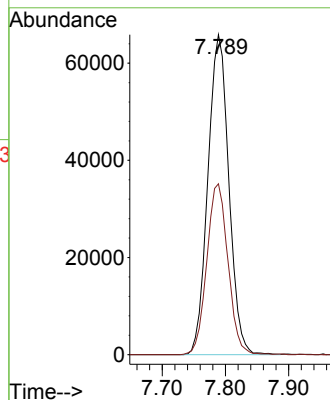
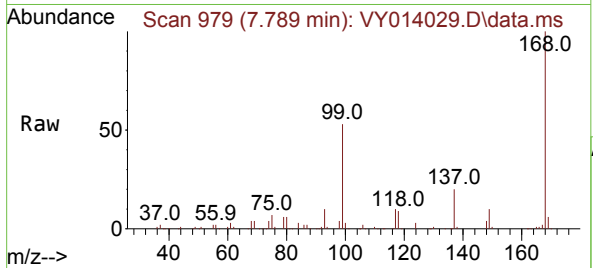




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014029.D
Acq: 06 Jun 2023 14:39

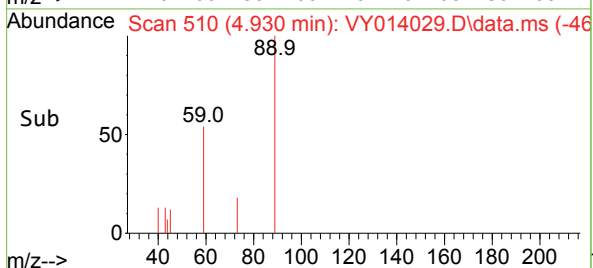
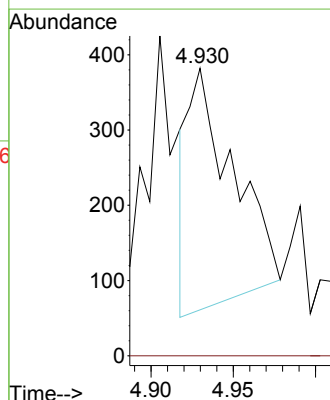
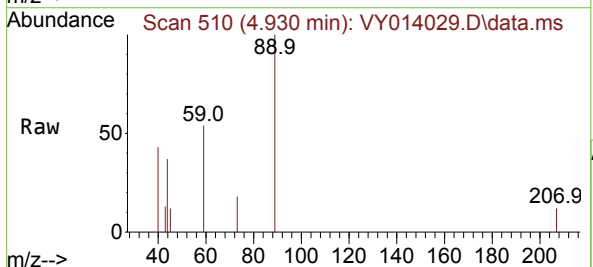
Instrument :
MSVOA_Y
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SB30B

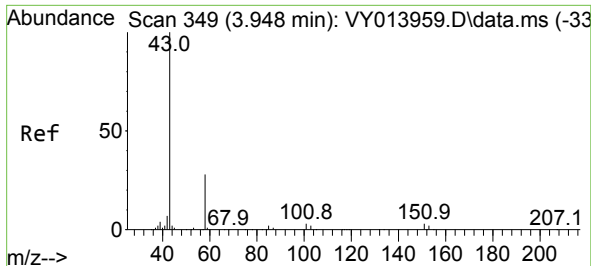
Tgt Ion:168 Resp: 151520
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.470 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.036 min
Lab File: VY014029.D
Acq: 06 Jun 2023 14:39

Tgt Ion: 59 Resp: 606
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 1.040 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY014029.D

Acq: 06 Jun 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

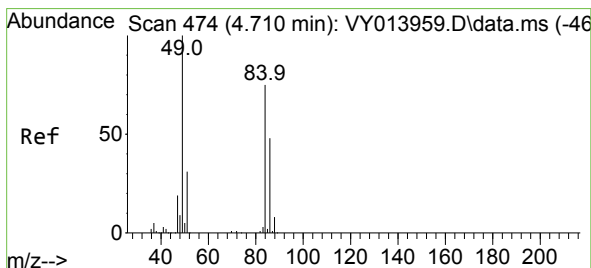
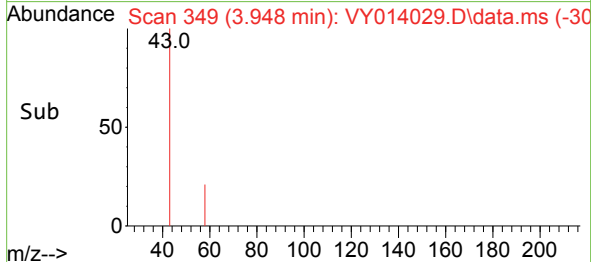
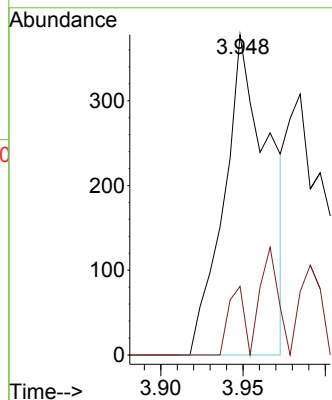
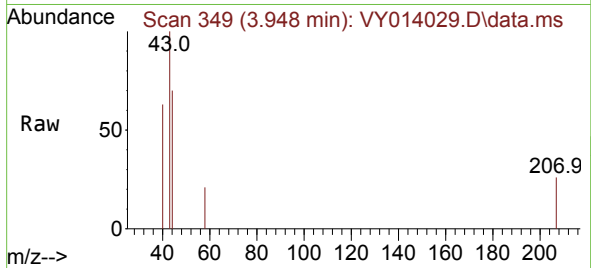
SB30B

Tgt Ion: 43 Resp: 714

Ion Ratio Lower Upper

43 100

58 21.4 22.7 34.1#



#20

Methylene Chloride

Concen: 1.233 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY014029.D

Acq: 06 Jun 2023 14:39

Tgt Ion: 84 Resp: 9520

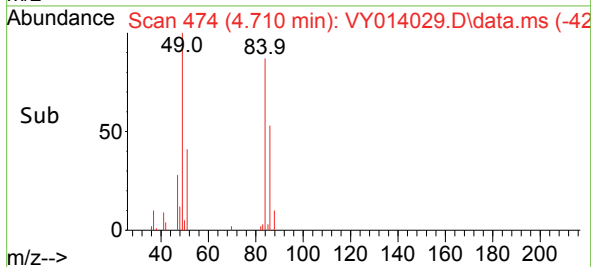
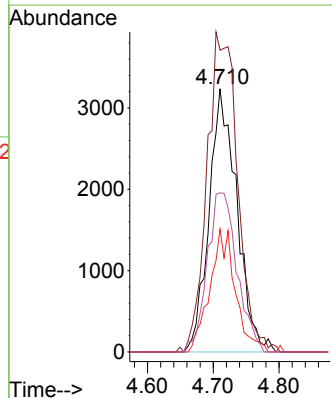
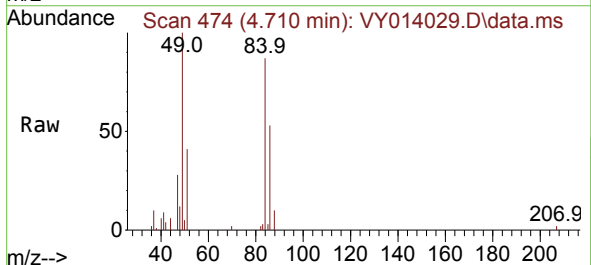
Ion Ratio Lower Upper

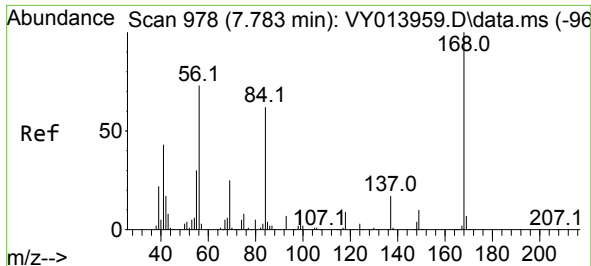
84 100

49 114.7 106.9 160.3

51 46.6 33.2 49.8

86 60.4 51.0 76.6

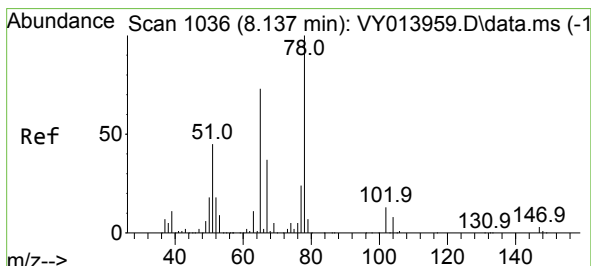
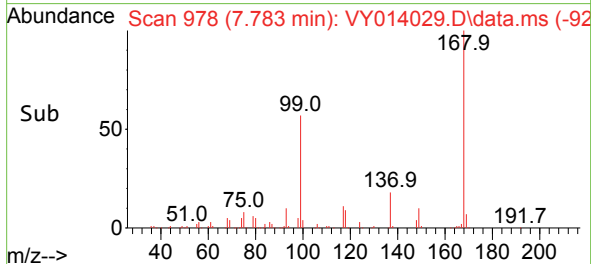
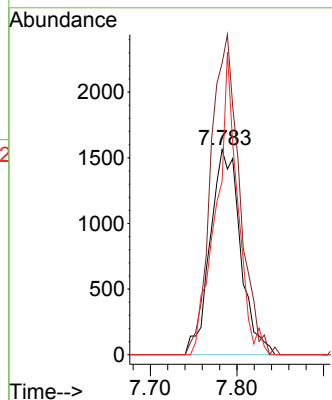
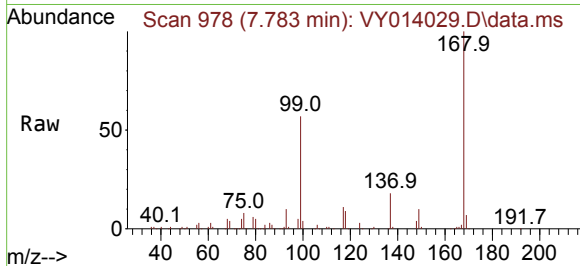




#31
Cyclohexane
Concen: 1.570 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014029.D
Acq: 06 Jun 2023 14:39

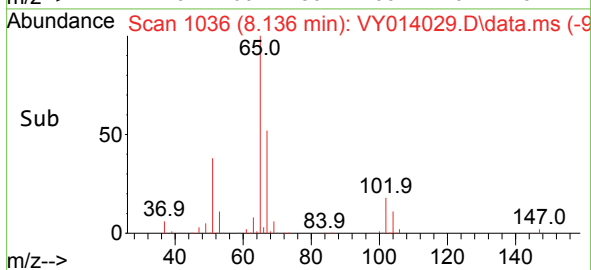
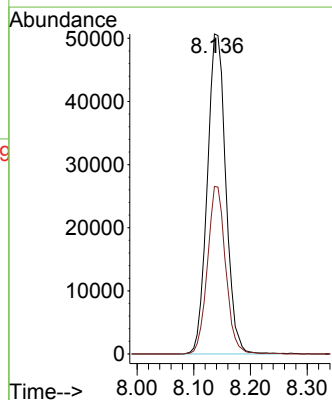
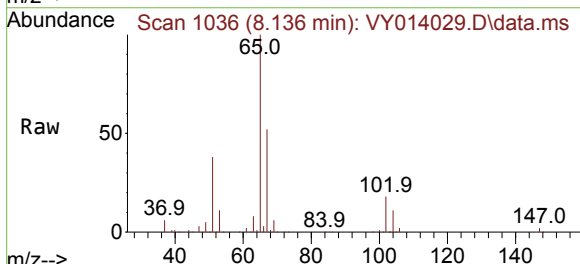
Instrument :
MSVOA_Y
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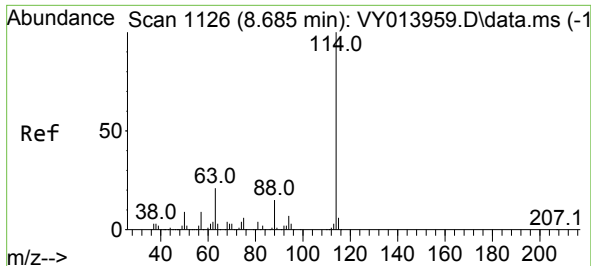
Tgt Ion: 56 Resp: 3793
Ion Ratio Lower Upper
56 100
69 142.1 27.8 41.6#
84 84.5 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 57.403 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY014029.D
Acq: 06 Jun 2023 14:39

Tgt Ion: 65 Resp: 115137
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8

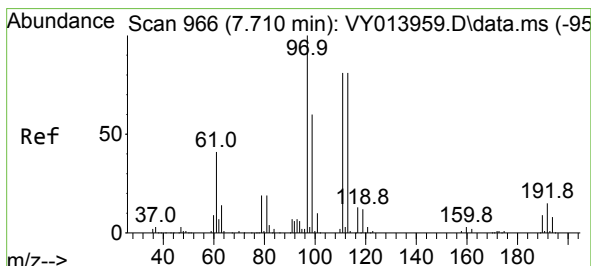
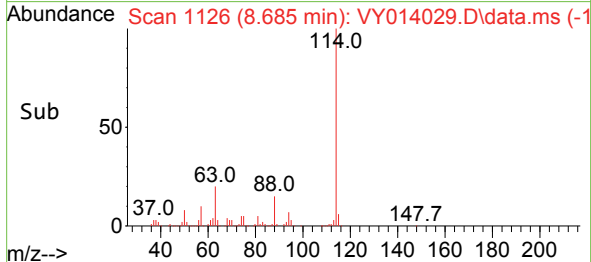
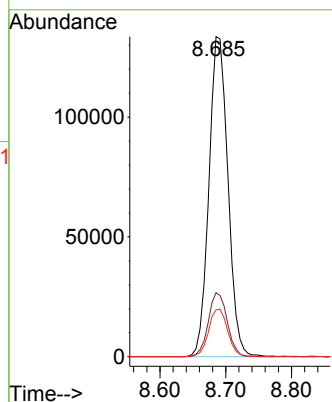
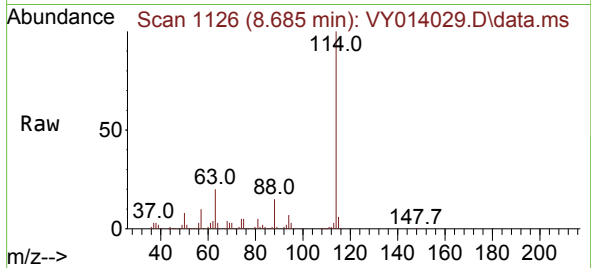




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014029.D
Acq: 06 Jun 2023 14:39

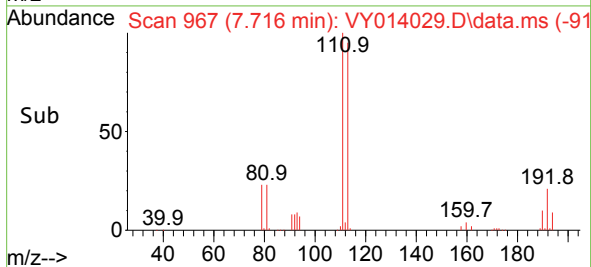
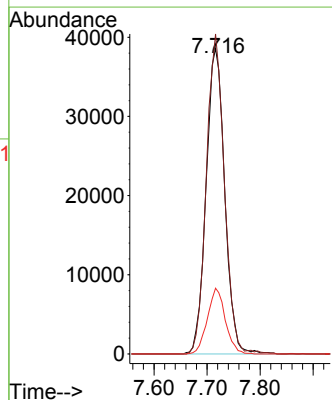
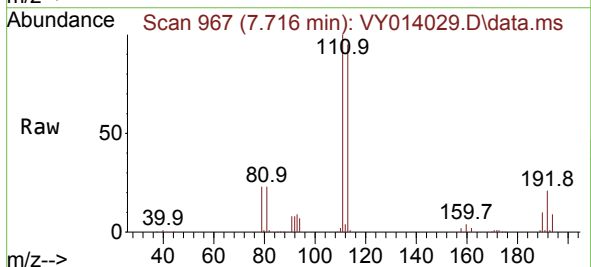
Instrument :
MSVOA_Y
ClientSampleId :
SB30B

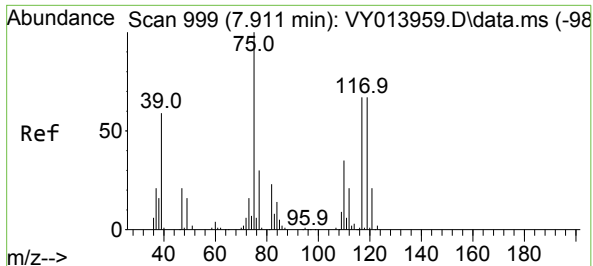
Tgt Ion:114 Resp: 268670
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.112 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY014029.D
Acq: 06 Jun 2023 14:39

Tgt Ion:113 Resp: 94100
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 20.8 16.9 25.3

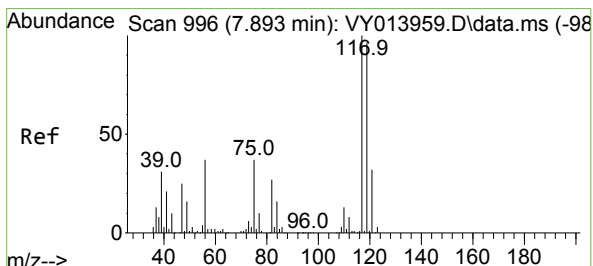
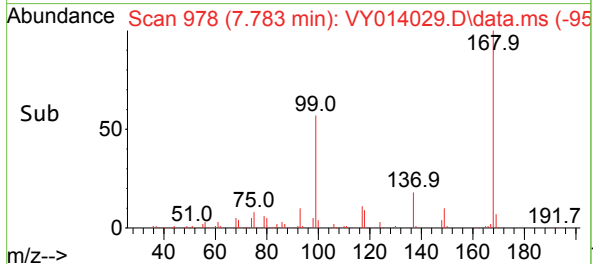
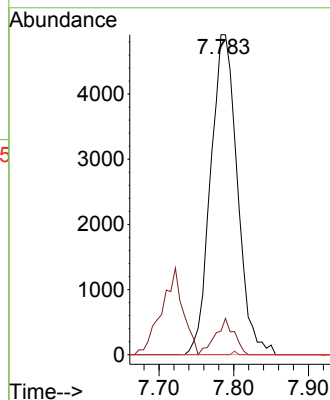
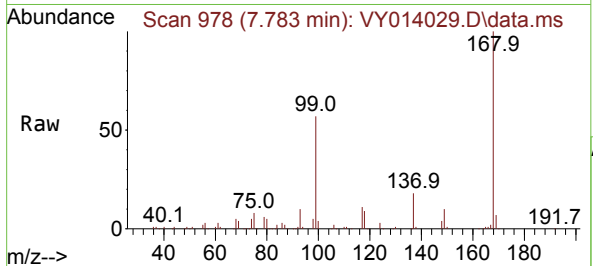




#36
1,1-Dichloropropene
Concen: 5.017 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014029.D
Acq: 06 Jun 2023 14:39

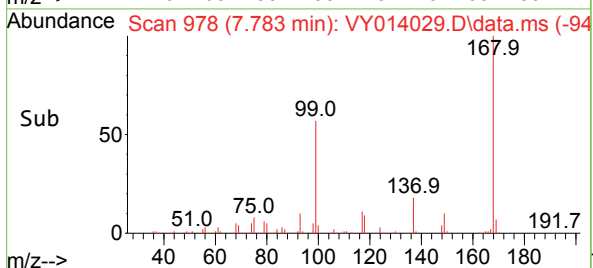
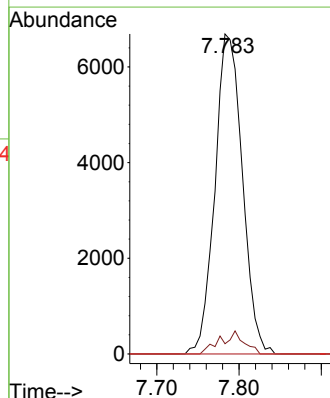
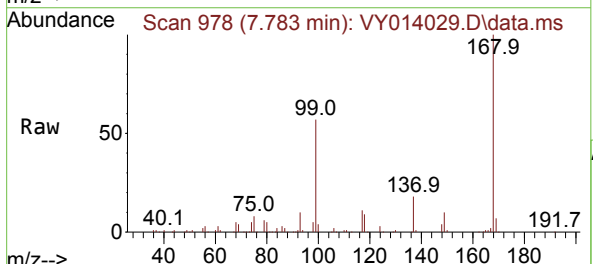
Instrument :
MSVOA_Y
ClientSampleId :
SB30B

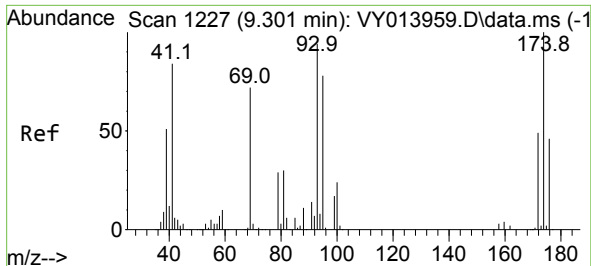
Tgt Ion: 75 Resp: 12203
Ion Ratio Lower Upper
75 100
110 7.9 17.8 53.5#
77 0.2 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.682 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY014029.D
Acq: 06 Jun 2023 14:39

Tgt Ion: 117 Resp: 15488
Ion Ratio Lower Upper
117 100
119 3.2 76.4 114.6#
121 0.0 25.8 38.6#

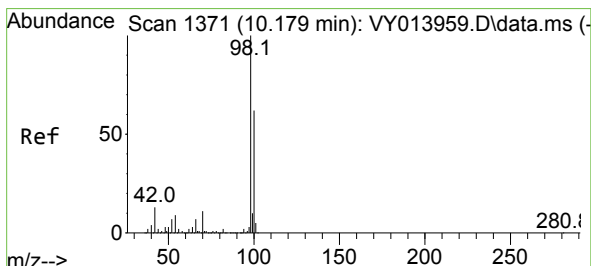
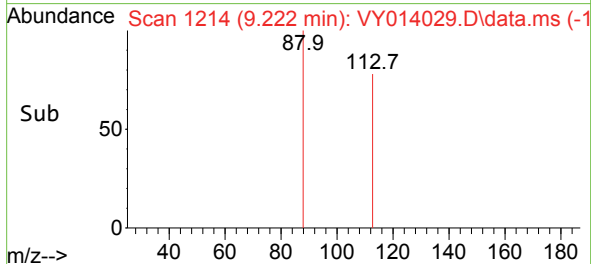
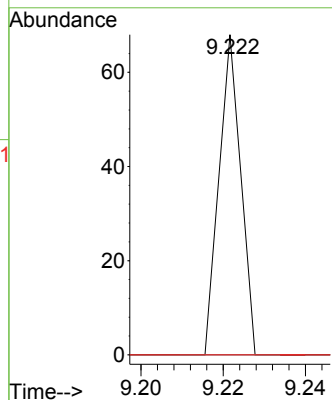
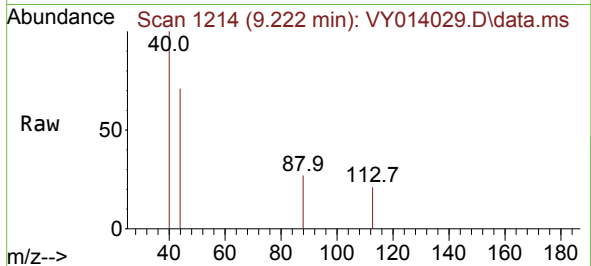




#49
 1,4-Dioxane
 Concen: 1.387 ug/l
 RT: 9.222 min Scan# 1214
 Delta R.T. -0.079 min
 Lab File: VY014029.D
 Acq: 06 Jun 2023 14:39

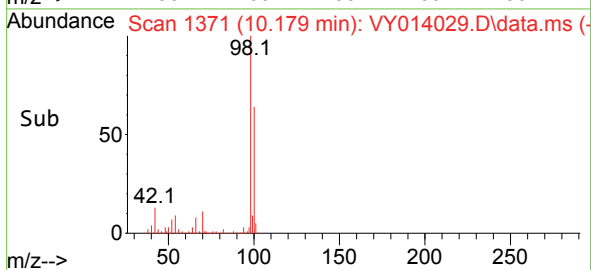
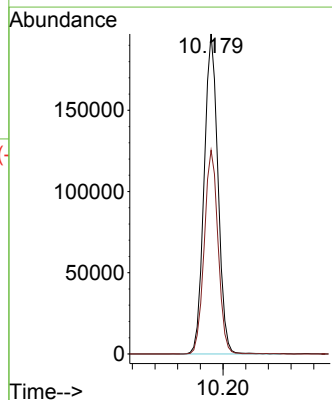
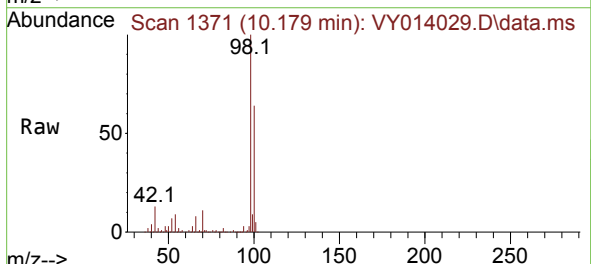
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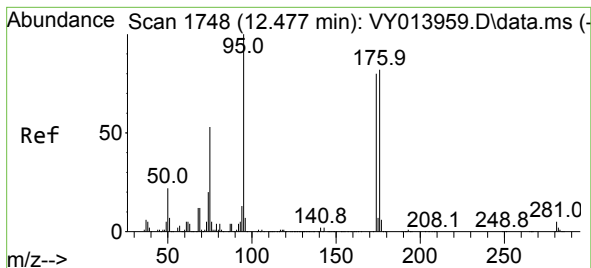
Tgt Ion: 88 Resp: 25
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 0.0 30.9 46.3#



#50
 Toluene-d8
 Concen: 51.336 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY014029.D
 Acq: 06 Jun 2023 14:39

Tgt Ion: 98 Resp: 334343
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 51.447 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014029.D

Acq: 06 Jun 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

SB30B

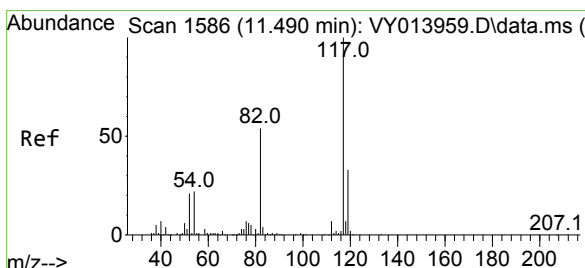
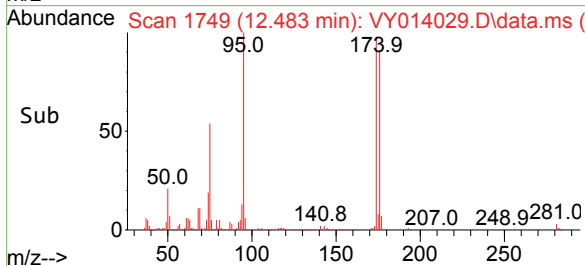
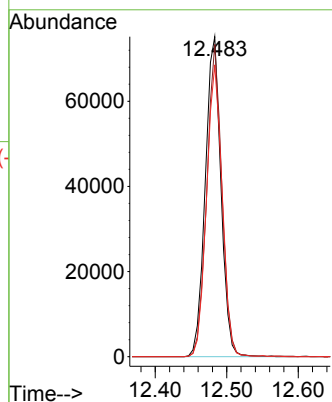
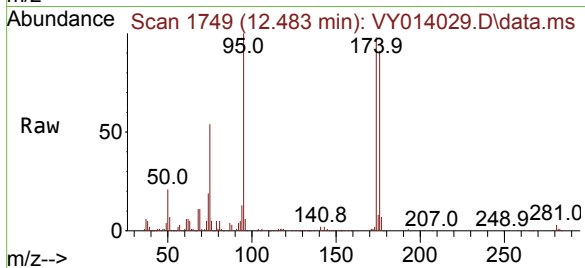
Tgt Ion: 95 Resp: 114230

Ion Ratio Lower Upper

95 100

174 94.7 0.0 178.2

176 91.0 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY014029.D

Acq: 06 Jun 2023 14:39

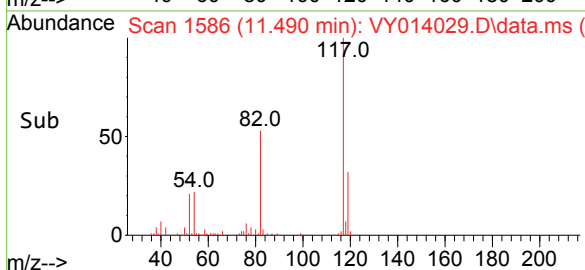
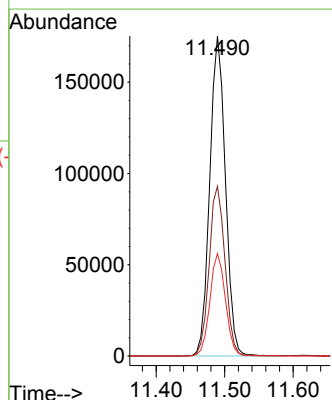
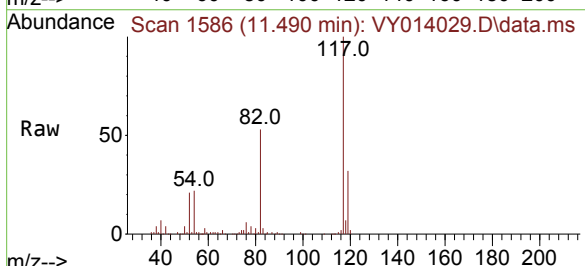
Tgt Ion: 117 Resp: 278775

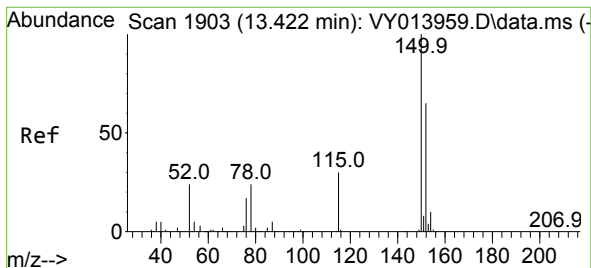
Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY014029.D

Acq: 06 Jun 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

SB30B

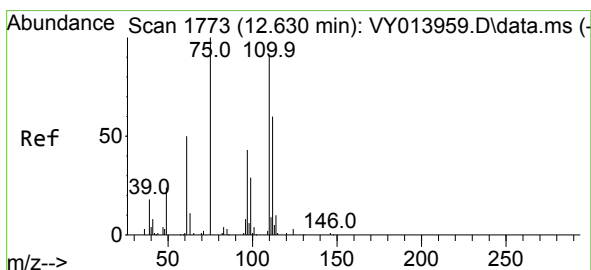
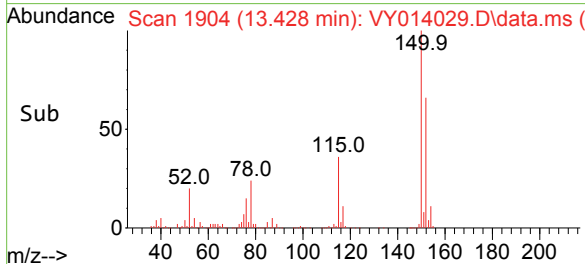
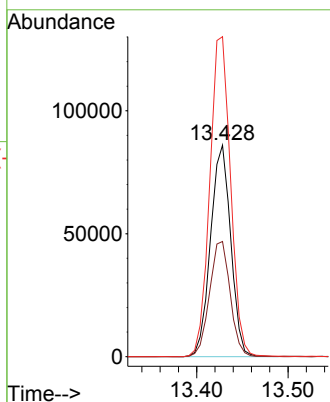
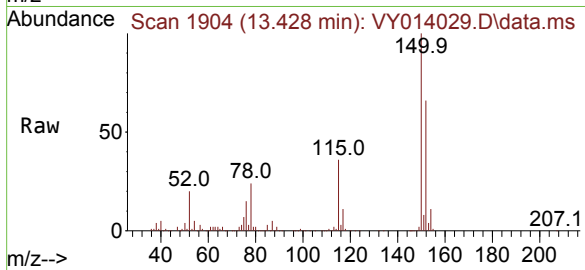
Tgt Ion:152 Resp: 132108

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 155.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 35.828 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY014029.D

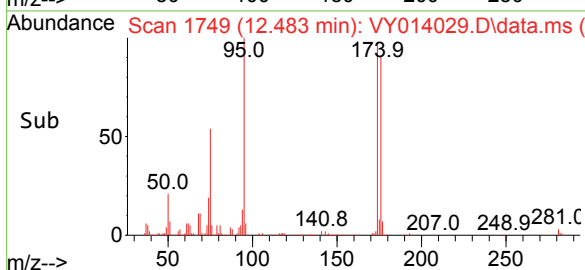
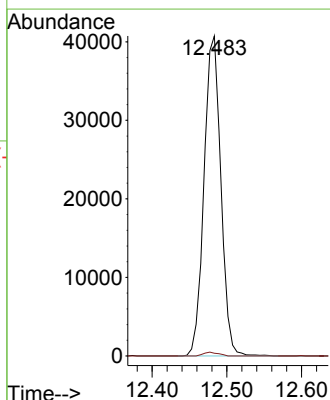
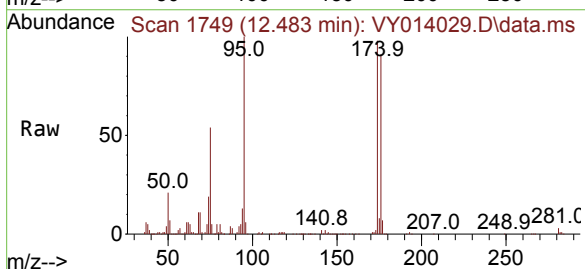
Acq: 06 Jun 2023 14:39

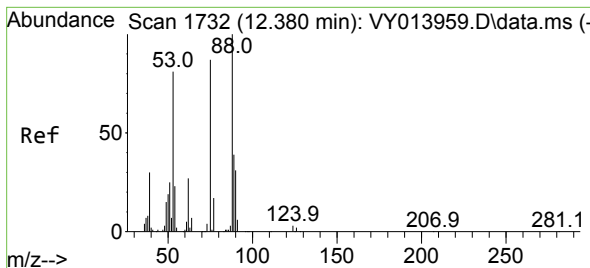
Tgt Ion: 75 Resp: 63693

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#

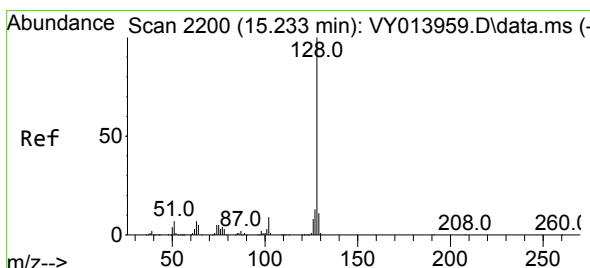
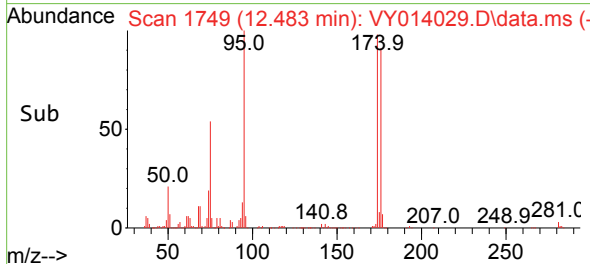
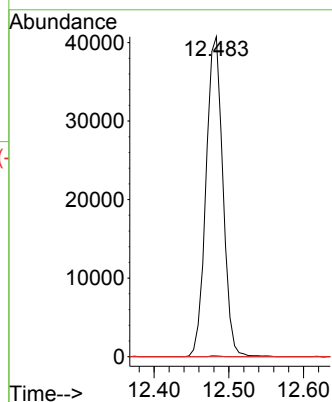
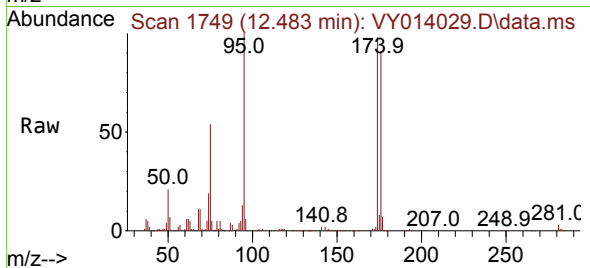




#81
trans-1,4-Dichloro-2-butene
Concen: 76.008 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014029.D
Acq: 06 Jun 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
SB30B

Tgt Ion: 75 Resp: 63693
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 3.987 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY014029.D
Acq: 06 Jun 2023 14:39

Tgt Ion: 128 Resp: 713
Ion Ratio Lower Upper
128 100
127 6.9 10.8 16.2#
129 0.0 8.6 13.0#

