

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021424\
 Data File : VY017379.D
 Acq On : 14 Feb 2024 13:10
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 15 02:20:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 01:05:41 2024
 Response via : Initial Calibration

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

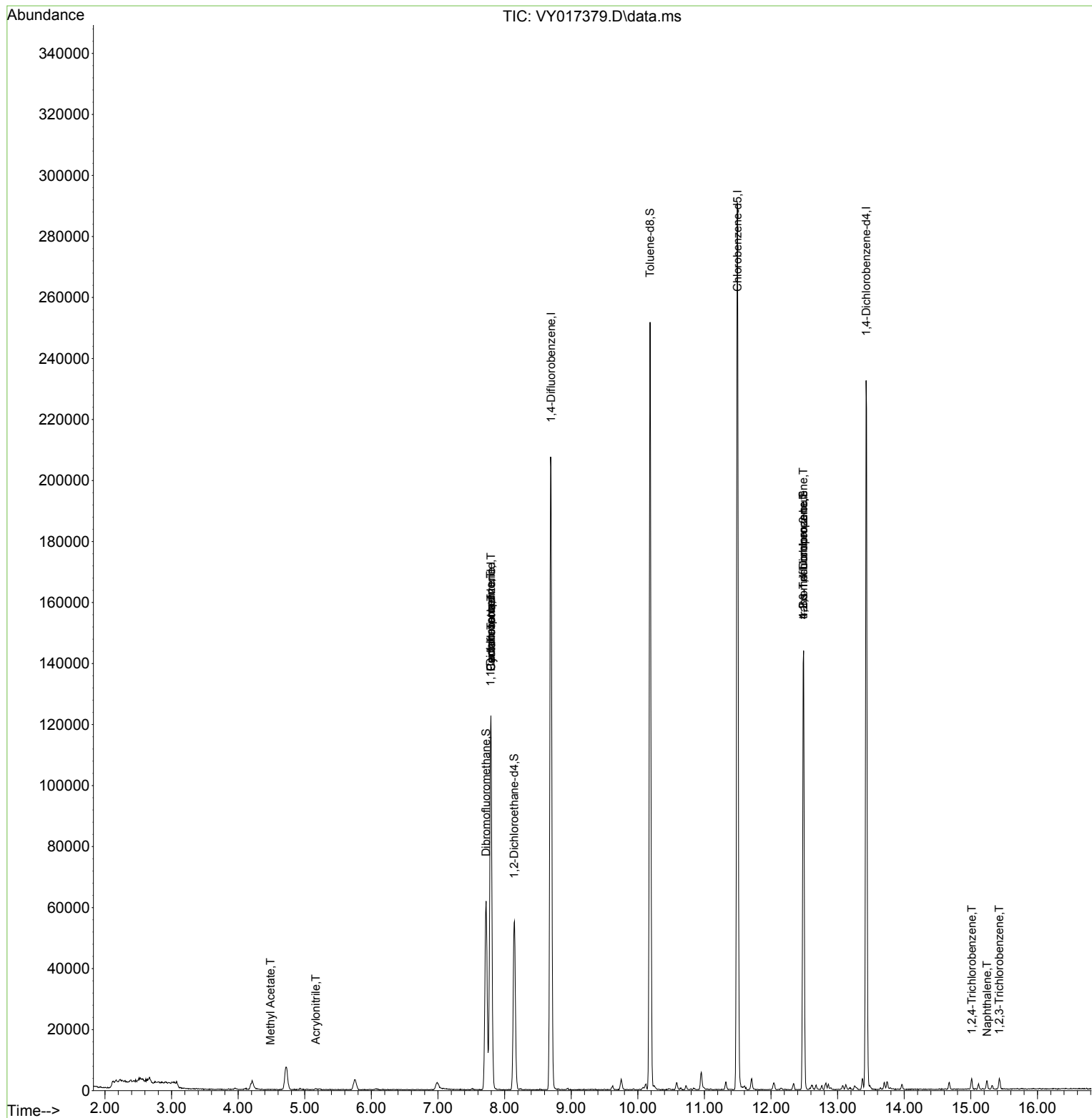
Internal Standards						
1) Pentafluorobenzene	7.795	168	91681	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.697	114	180071	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	157566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56590	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	43191	44.396	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.800%		
35) Dibromofluoromethane	7.722	113	44625	38.870	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	77.740%		
50) Toluene-d8	10.185	98	159792	35.920	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	71.840%		
62) 4-Bromofluorobenzene	12.483	95	44631	32.727	ug/l	-0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	65.460%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	93	Below Cal	#	75
15) Acrylonitrile	5.167	53	275	1.250	ug/l #	35
16) Acetone	3.954	43	735	Below Cal		94
18) Methyl Acetate	4.485	43	132	4.817	ug/l #	51
20) Methylene Chloride	4.729	84	5788	Below Cal	#	91
23) Vinyl Acetate	6.070	43	637	Below Cal	#	71
28) Bromochloromethane	7.332	49	20	Below Cal	#	71
31) Cyclohexane	7.795	56	2320	1.253	ug/l #	7
36) 1,1-Dichloropropene	7.789	75	8048	4.281	ug/l #	49
38) Carbon Tetrachloride	7.795	117	9148	5.072	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	24168	41.394	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	24168	94.622	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.013	180	1286	1.556	ug/l	89
95) Naphthalene	15.245	128	2532	1.761	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	1255	1.810	ug/l	96

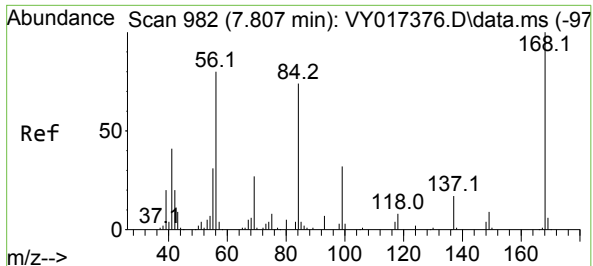
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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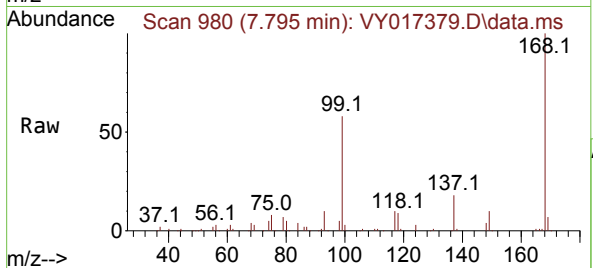
Quant Time: Feb 15 02:20:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 01:05:41 2024
Response via : Initial Calibration



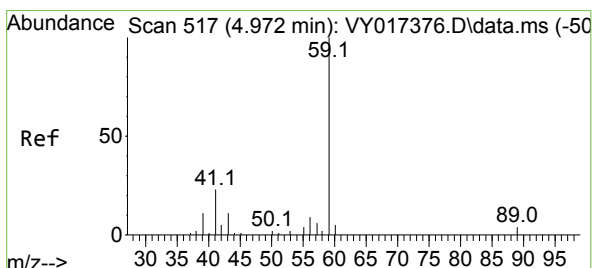
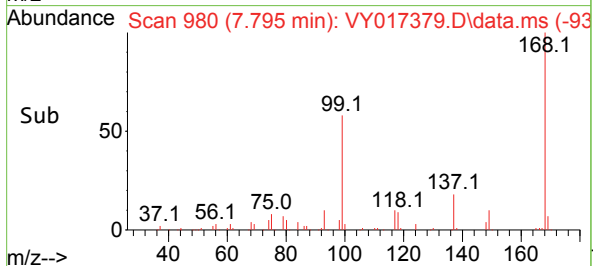
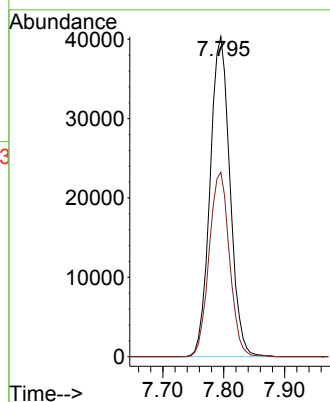


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

Instrument :
MSVOA_Y
ClientSampleId :

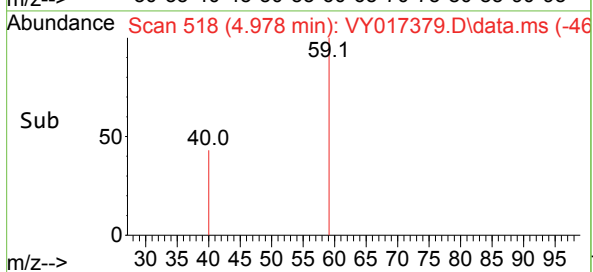
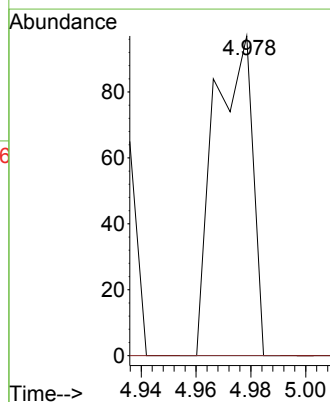
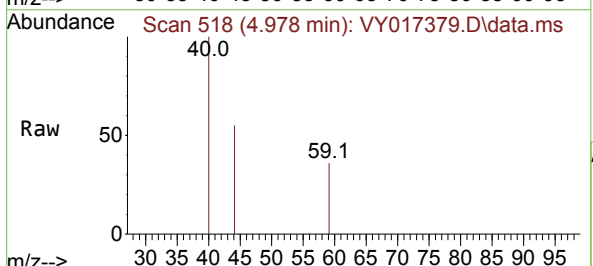


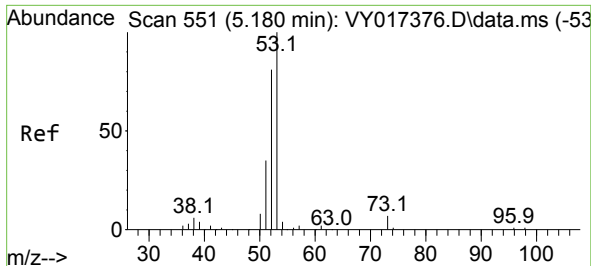
Tgt Ion:168 Resp: 91681
Ion Ratio Lower Upper
168 100
99 57.6 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.978 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

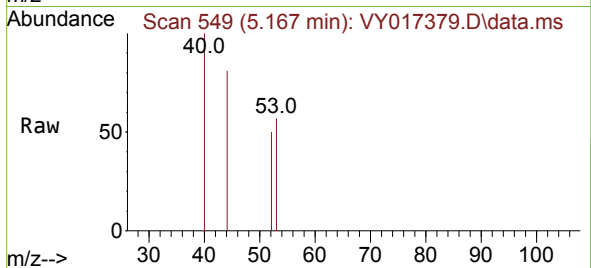
Tgt Ion: 59 Resp: 93
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



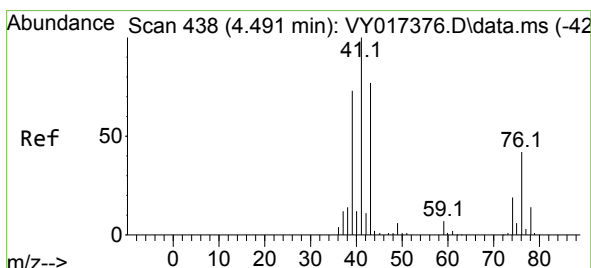
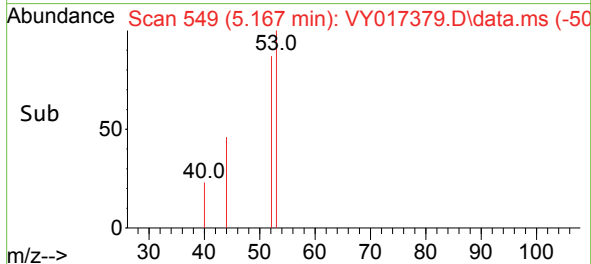
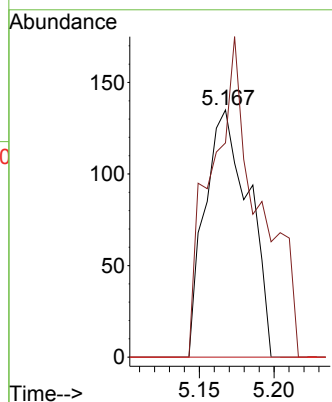


#15
Acrylonitrile
Concen: 1.250 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

Instrument :
MSVOA_Y
ClientSampleId :

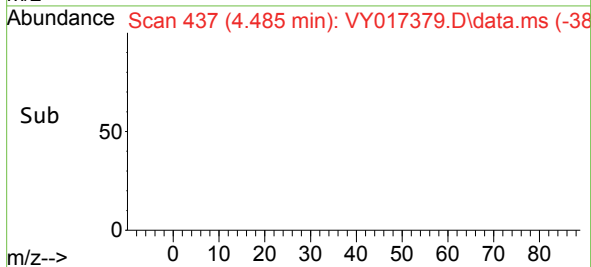
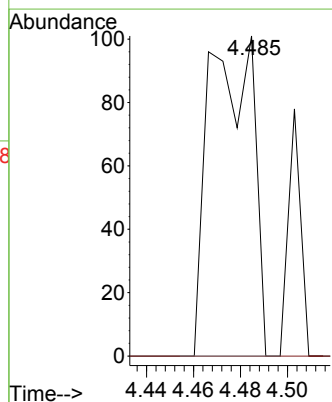
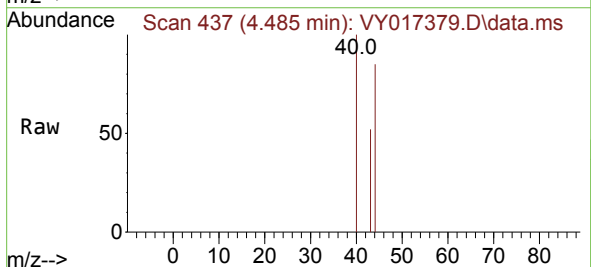


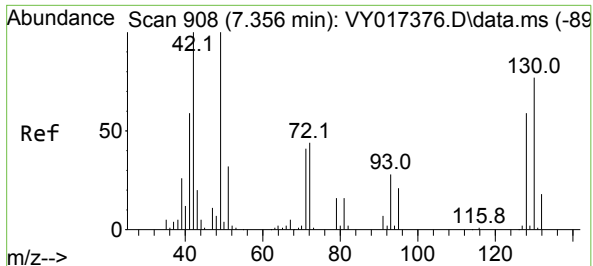
Tgt Ion: 53 Resp: 275
Ion Ratio Lower Upper
53 100
52 140.7 65.1 97.7#
51 0.0 29.0 43.4#



#18
Methyl Acetate
Concen: 4.817 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

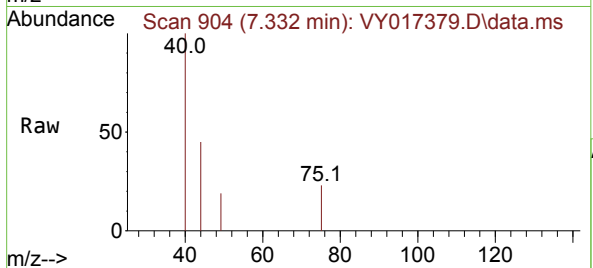
Tgt Ion: 43 Resp: 132
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



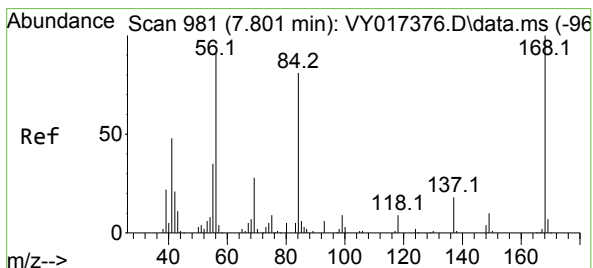
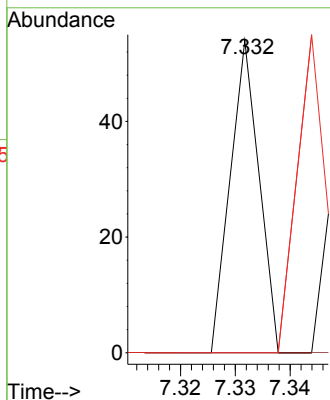
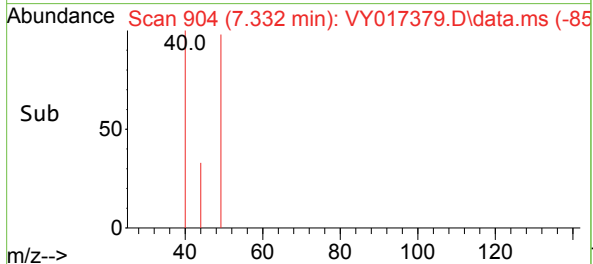


#28
Bromochloromethane
Concen: Below Cal
RT: 7.332 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

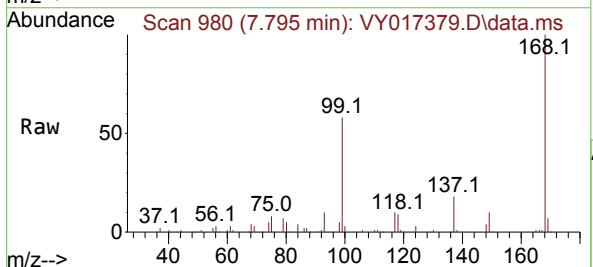
Instrument :
MSVOA_Y
ClientSampleId :



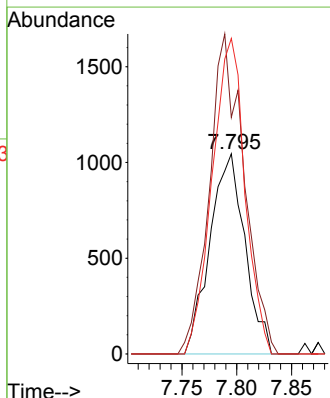
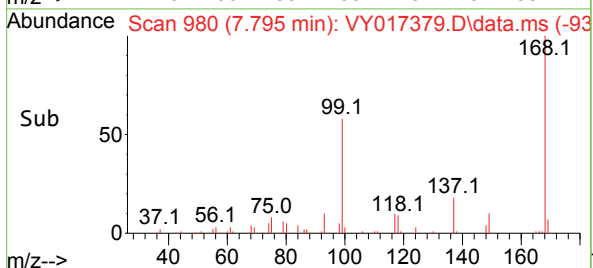
Tgt Ion: 49 Resp: 20
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 100.0 59.8 89.8#

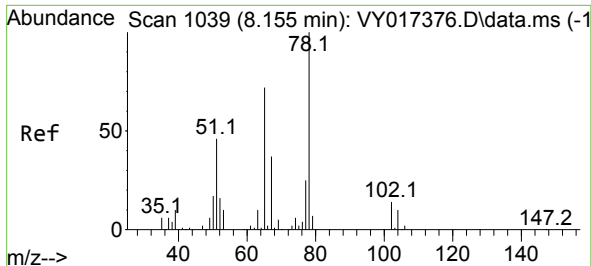


#31
Cyclohexane
Concen: 1.253 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10



Tgt Ion: 56 Resp: 2320
Ion Ratio Lower Upper
56 100
69 118.3 27.0 40.6#
84 157.7 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 44.396 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY017379.D

Acq: 14 Feb 2024 13:10

Instrument :

MSVOA_Y

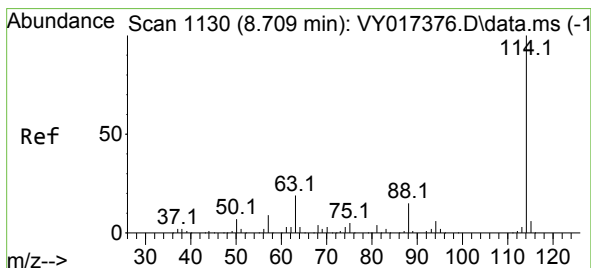
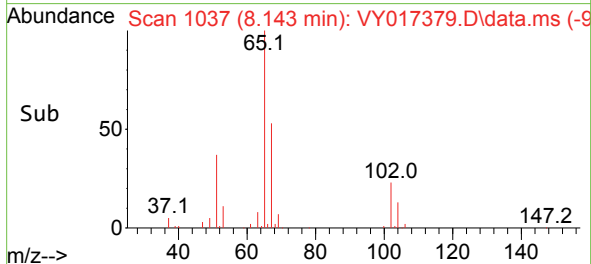
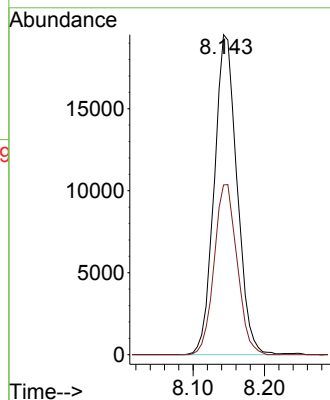
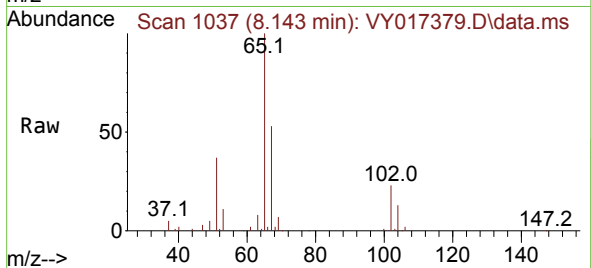
ClientSampleId :

Tgt Ion: 65 Resp: 43191

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VY017379.D

Acq: 14 Feb 2024 13:10

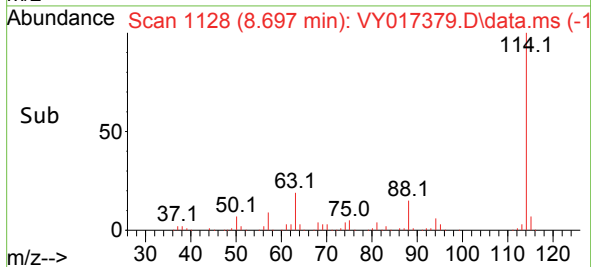
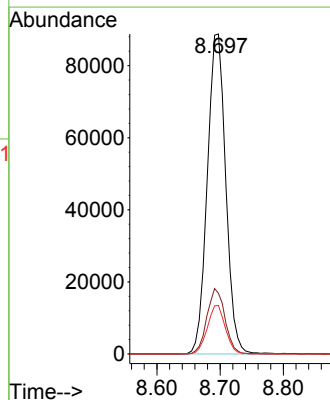
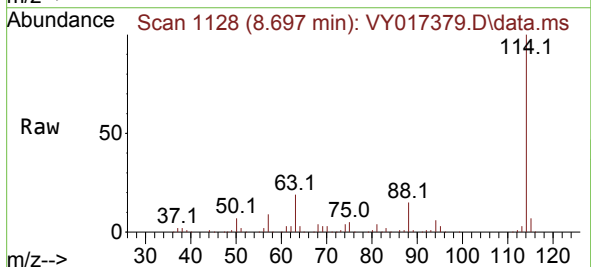
Tgt Ion: 114 Resp: 180071

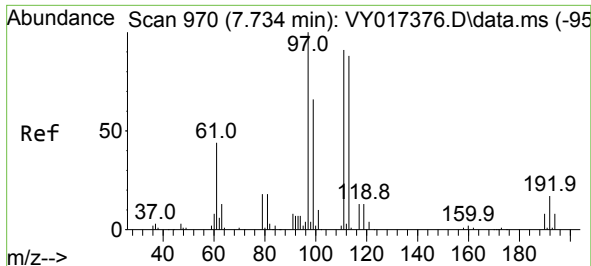
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

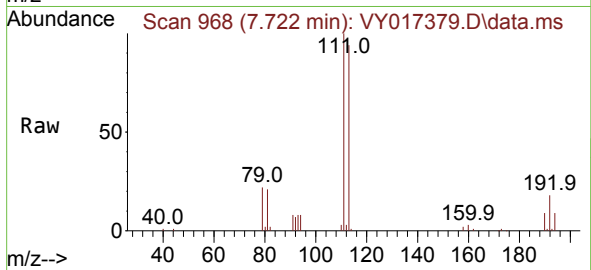
88 15.2 0.0 29.0



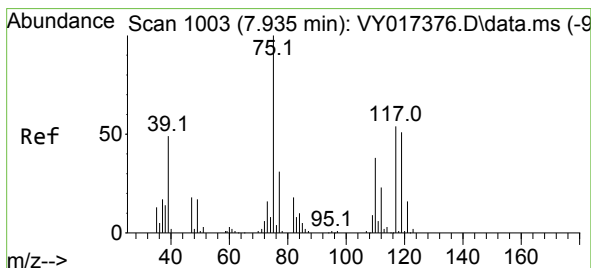
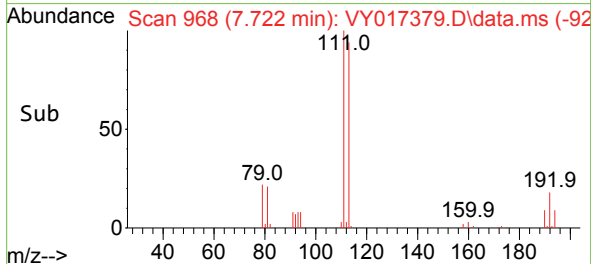
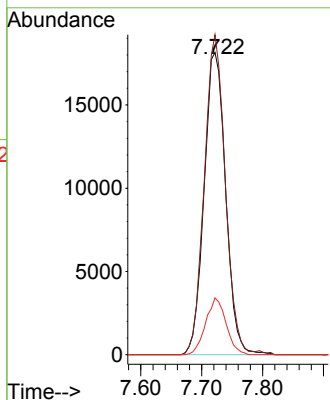


#35
Dibromofluoromethane
Concen: 38.870 ug/l
RT: 7.722 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

Instrument :
MSVOA_Y
ClientSampleId :

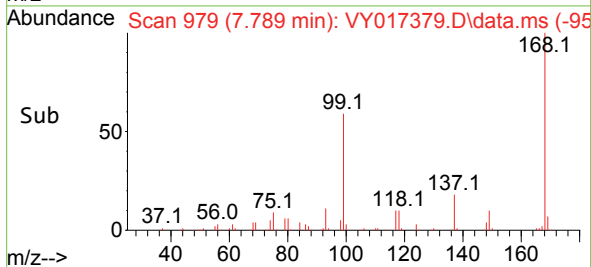
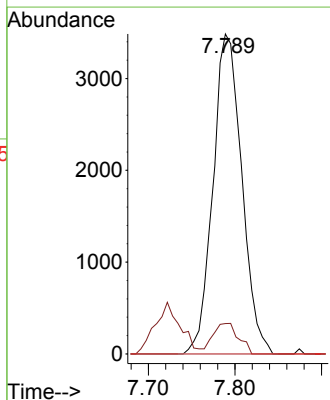
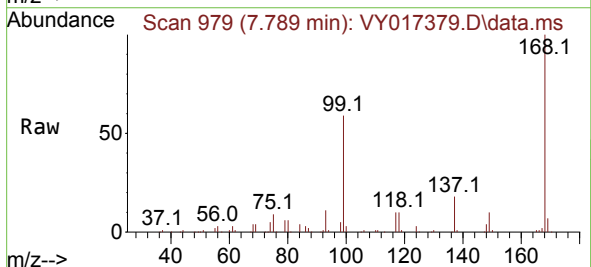


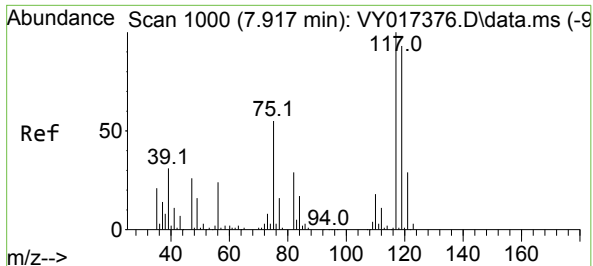
Tgt Ion:113 Resp: 44625
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.8 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.281 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.146 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

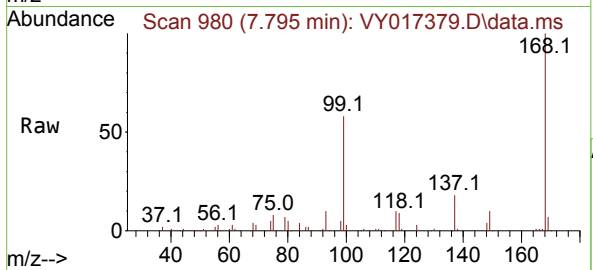
Tgt Ion: 75 Resp: 8048
Ion Ratio Lower Upper
75 100
110 8.3 17.4 52.3#
77 0.0 24.7 37.1#



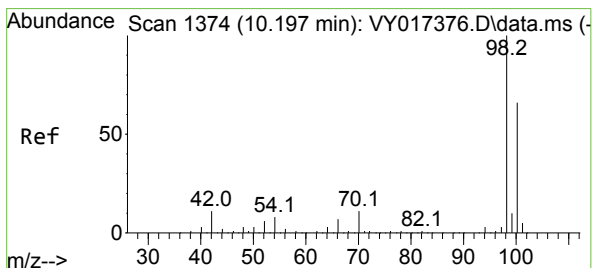
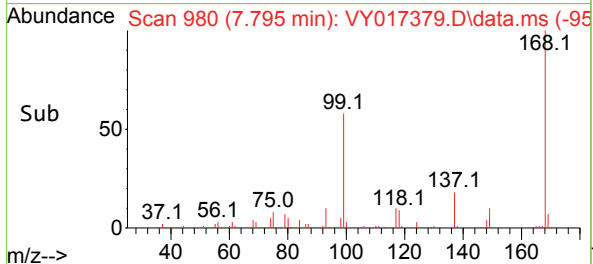
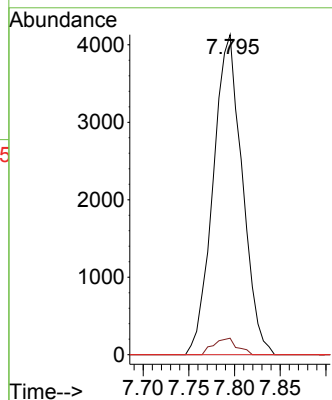


#38
Carbon Tetrachloride
Concen: 5.072 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

Instrument :
MSVOA_Y
ClientSampleId :

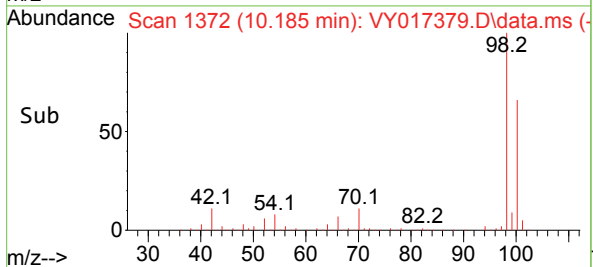
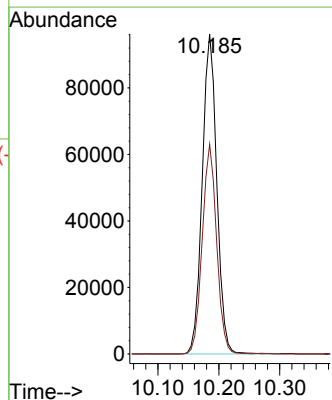
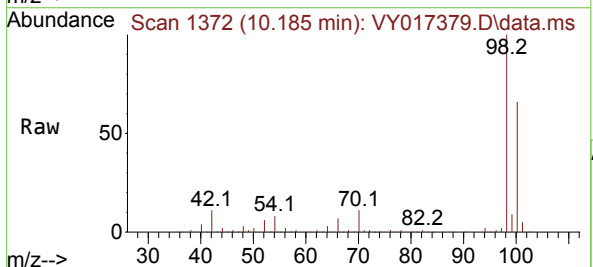


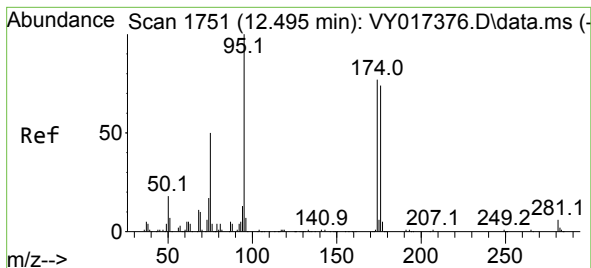
Tgt Ion:117 Resp: 9148
Ion Ratio Lower Upper
117 100
119 5.2 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 35.920 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.012 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

Tgt Ion: 98 Resp: 159792
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

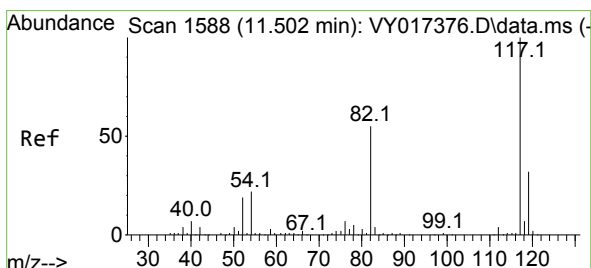
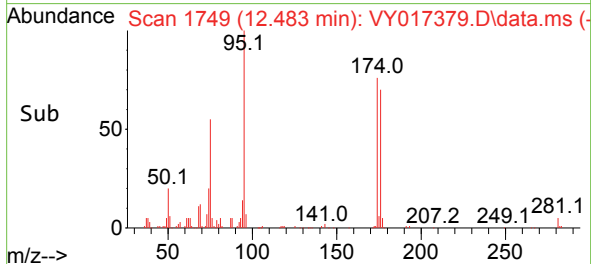
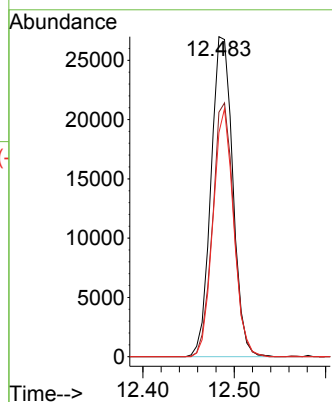
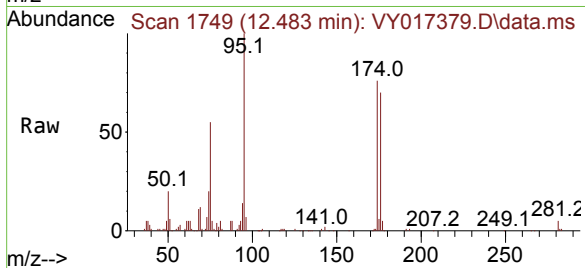




#62
4-Bromofluorobenzene
Concen: 32.727 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

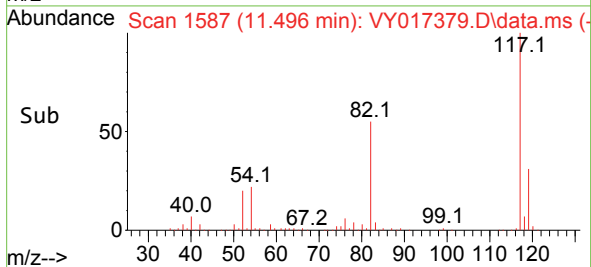
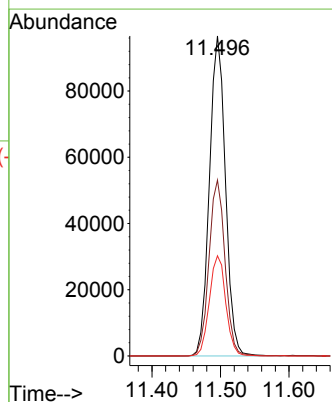
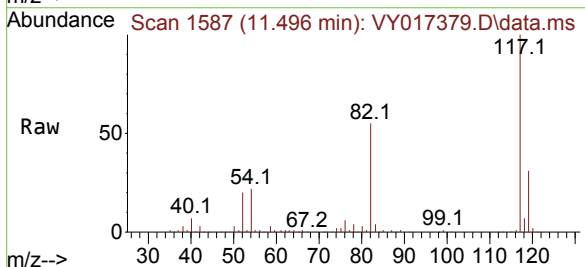
Instrument :
MSVOA_Y
ClientSampleId :

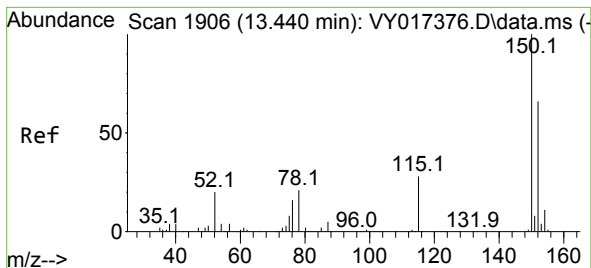
Tgt Ion: 95 Resp: 44631
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.0
176 73.4 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

Tgt Ion: 117 Resp: 157566
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.8
119 31.3 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.012 min

Lab File: VY017379.D

Acq: 14 Feb 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

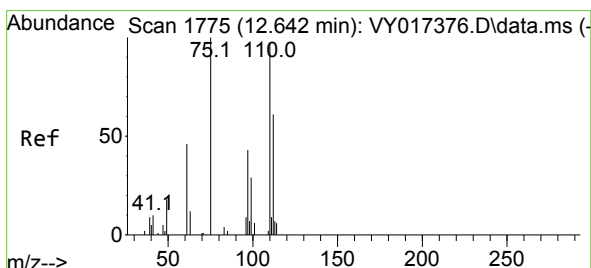
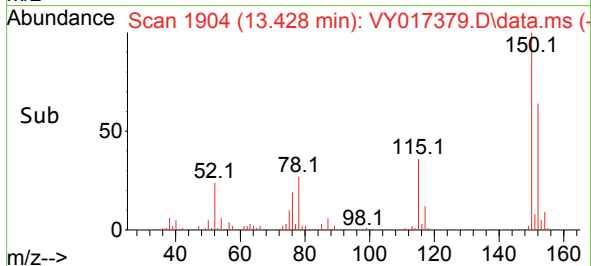
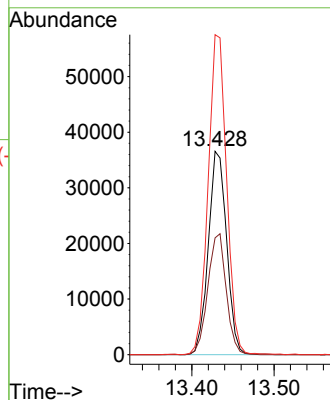
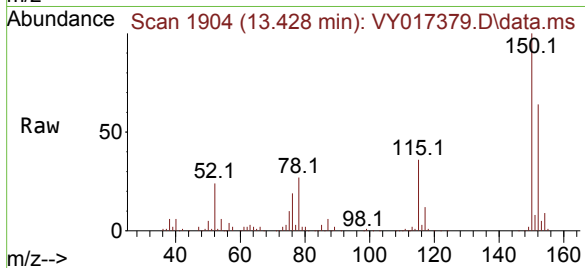
Tgt Ion:152 Resp: 56590

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 158.5 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 41.394 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.158 min

Lab File: VY017379.D

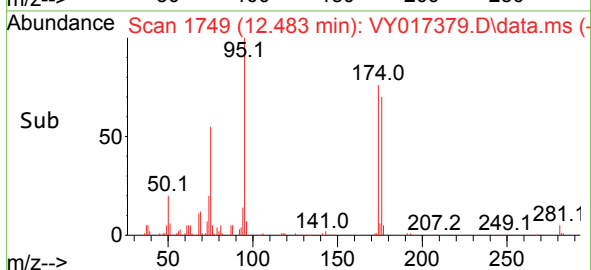
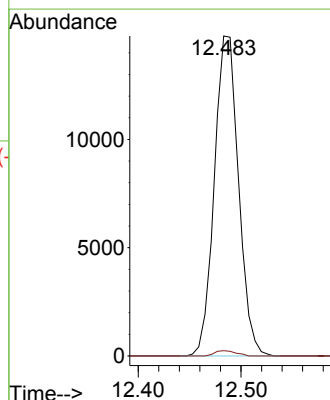
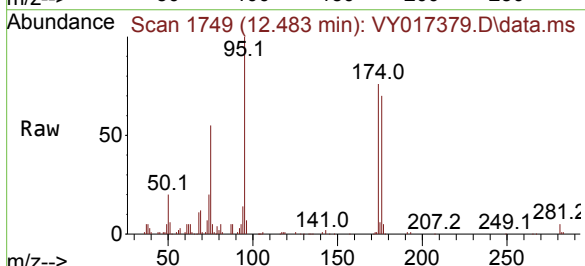
Acq: 14 Feb 2024 13:10

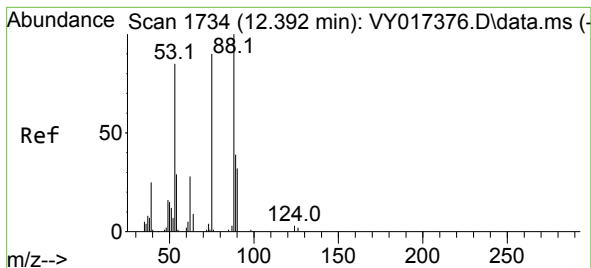
Tgt Ion: 75 Resp: 24168

Ion Ratio Lower Upper

75 100

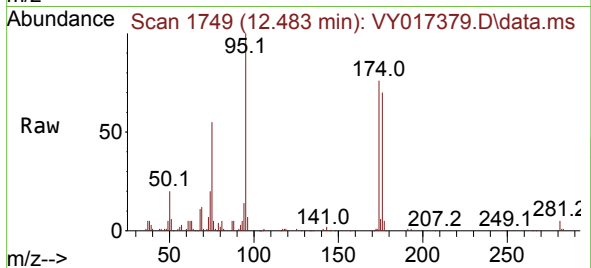
77 1.5 0.0 0.0#



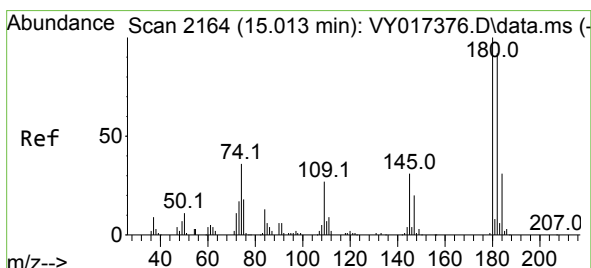
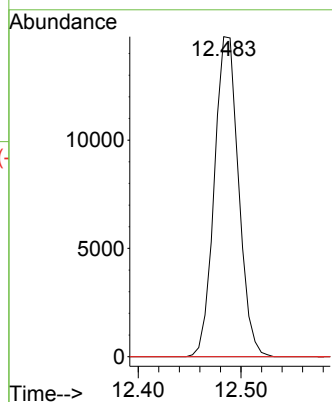
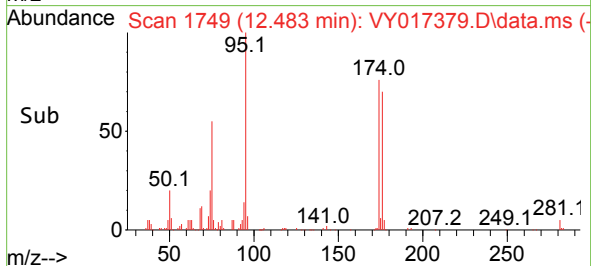


#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.622 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.091 min
 Lab File: VY017379.D
 Acq: 14 Feb 2024 13:10

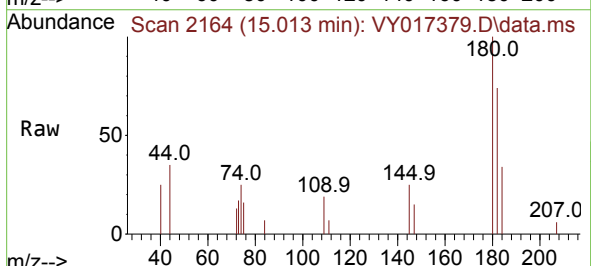
Instrument :
 MSVOA_Y
 ClientSampleId :



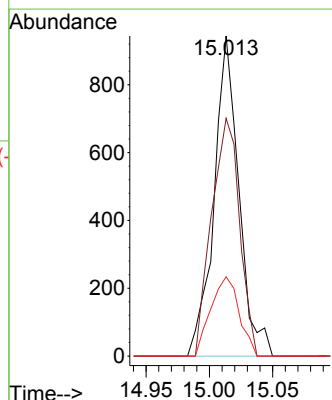
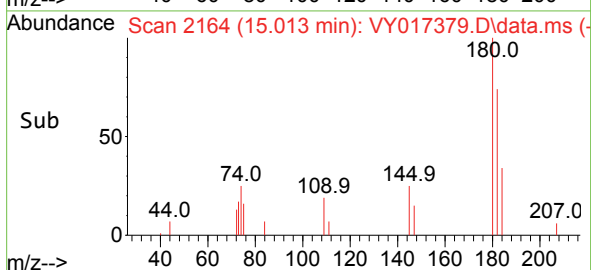
Tgt Ion: 75 Resp: 24168
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

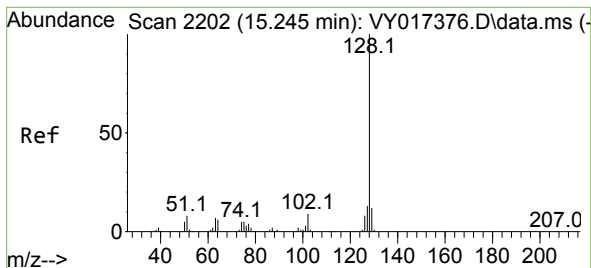


#93
 1,2,4-Trichlorobenzene
 Concen: 1.556 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. 0.000 min
 Lab File: VY017379.D
 Acq: 14 Feb 2024 13:10



Tgt Ion: 180 Resp: 1286
 Ion Ratio Lower Upper
 180 100
 182 83.6 47.9 143.7
 145 28.3 15.9 47.7





#95

Naphthalene

Concen: 1.761 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.000 min

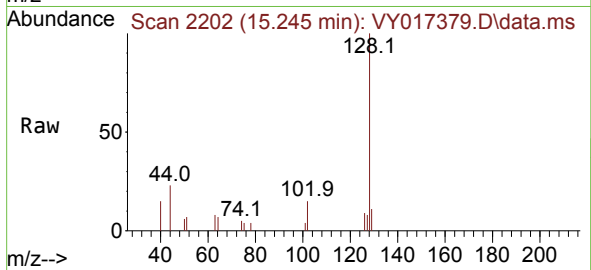
Lab File: VY017379.D

Acq: 14 Feb 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :



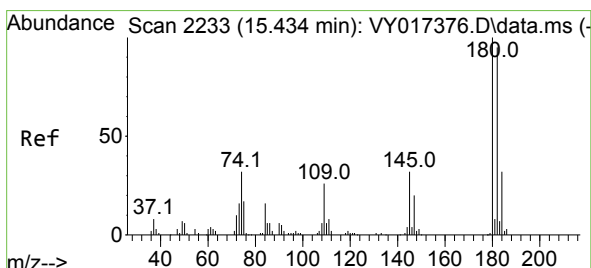
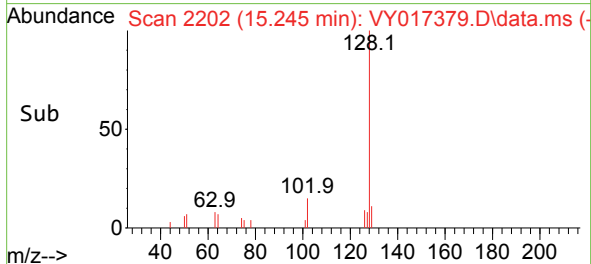
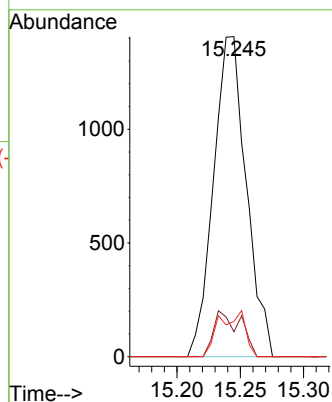
Tgt Ion:128 Resp: 2532

Ion Ratio Lower Upper

128 100

127 11.7 10.2 15.4

129 11.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 1.810 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017379.D

Acq: 14 Feb 2024 13:10

Tgt Ion:180 Resp: 1255

Ion Ratio Lower Upper

180 100

182 94.6 46.3 138.8

145 36.4 16.1 48.2

