

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008353.D
 Acq On : 15 Apr 2022 16:02
 Operator : KP/MD
 Sample : N2429-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6075

Quant Time: Apr 16 04:59:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

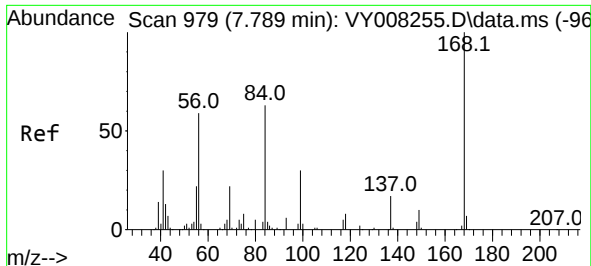
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	96539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	175515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	56683	62.508	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.020%			
35) Dibromofluoromethane	7.722	113	55794	55.038	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.080%			
50) Toluene-d8	10.179	98	212482	61.255	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 122.500%			
62) 4-Bromofluorobenzene	12.483	95	78588	60.234	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 120.460%			
Target Compounds						
3) Chloromethane	2.119	50	238	Below Cal	Qvalue 90	
5) Bromomethane	2.668	94	247	Below Cal	# 76	
10) Methyl Iodide	4.094	142	26	2.412 ug/l	# 35	
16) Acetone	3.948	43	1354	6.208 ug/l	# 57	
18) Methyl Acetate	4.485	43	169	Below Cal	# 56	
20) Methylene Chloride	4.710	84	8926	Below Cal	# 76	
31) Cyclohexane	7.789	56	2037	1.242 ug/l	# 1	
36) 1,1-Dichloropropene	7.789	75	7304	4.512 ug/l	# 51	
38) Carbon Tetrachloride	7.789	117	9567	5.493 ug/l	# 15	
51) 4-Methyl-2-Pentanone	10.179	43	880	1.100 ug/l	# 1	
76) 1,2,3-Trichloropropane	12.483	75	47016	54.498 ug/l	# 100	
81) trans-1,4-Dichloro-2-b...	12.483	75	47016	121.938 ug/l	# 9	

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

Quant Time: Apr 16 04:59:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

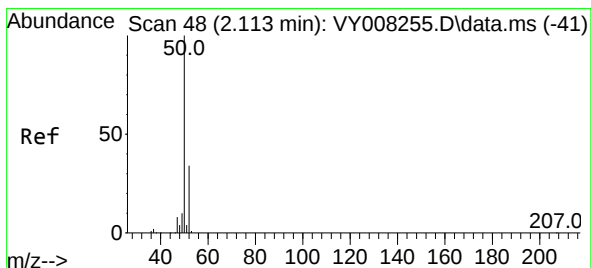
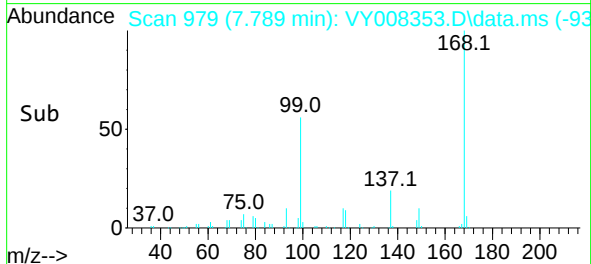
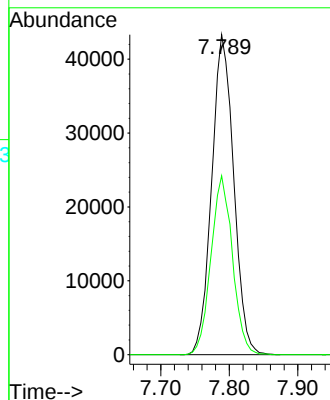
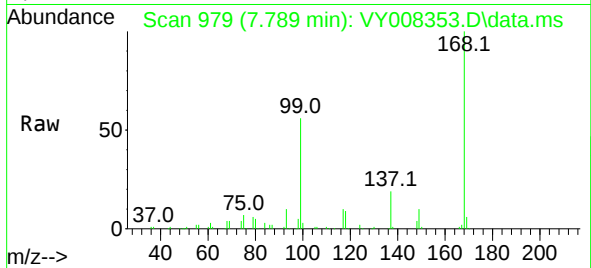




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008353.D
Acq: 15 Apr 2022 16:02

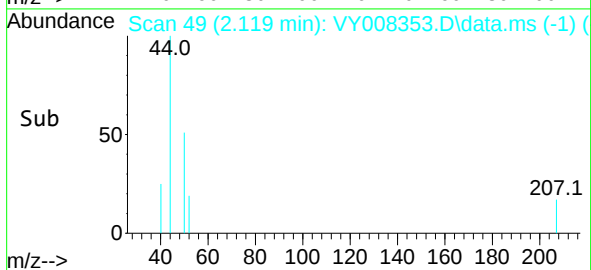
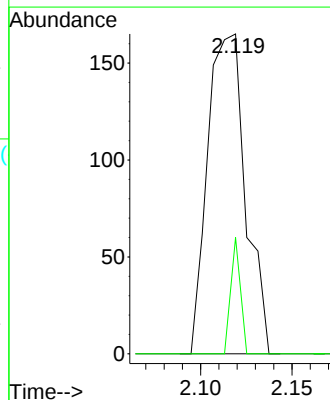
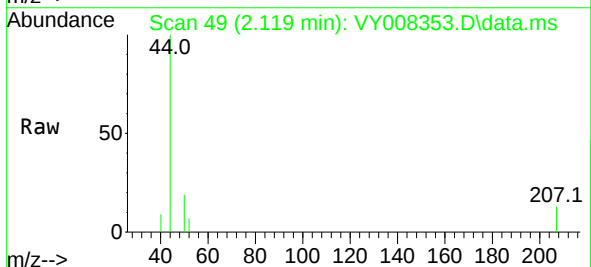
Instrument :
MSVOA_Y
ClientSampleId :
SB-6075

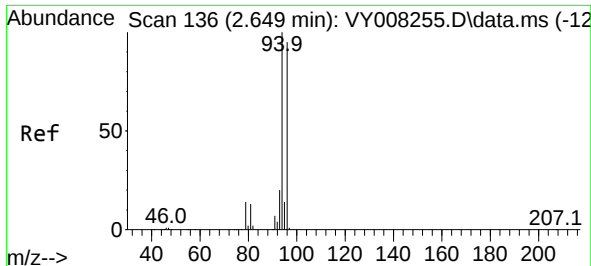
Tgt Ion:168 Resp: 96539
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008353.D
Acq: 15 Apr 2022 16:02

Tgt Ion: 50 Resp: 238
Ion Ratio Lower Upper
50 100
52 36.4 24.6 37.0

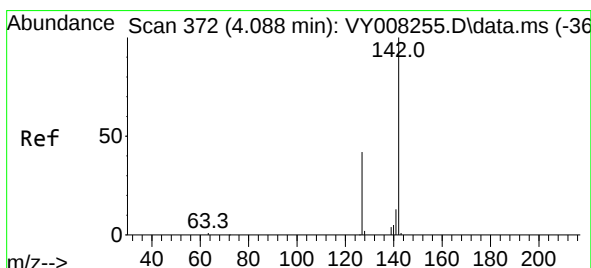
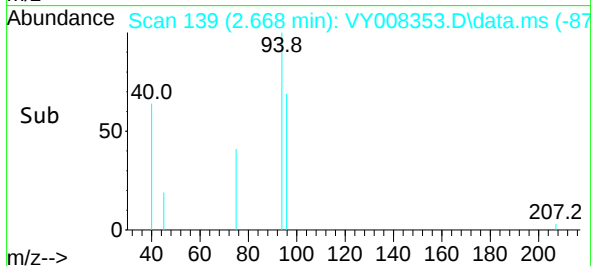
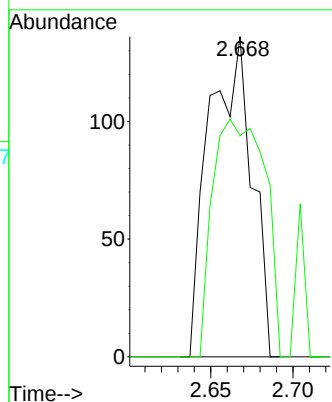
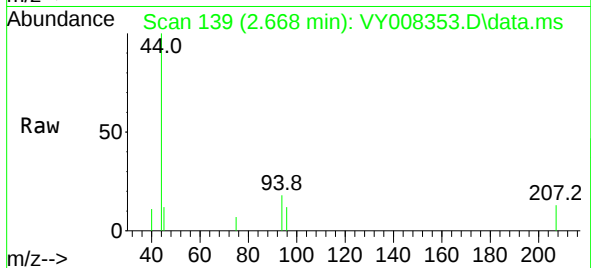




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008353.D
Acq: 15 Apr 2022 16:02

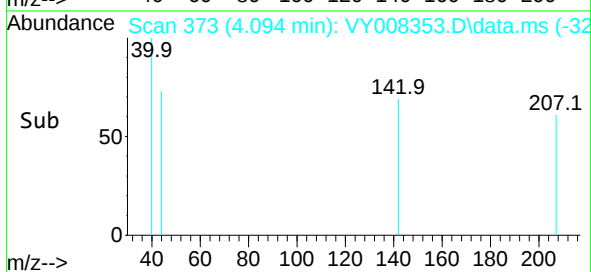
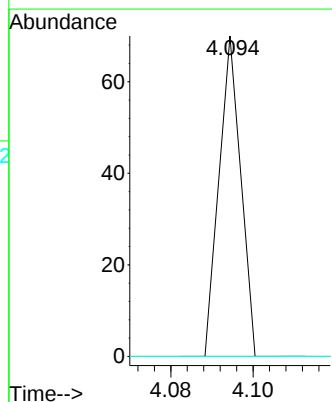
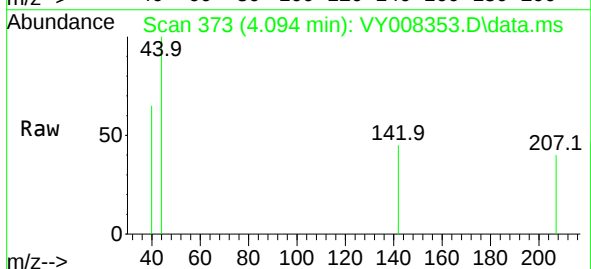
Instrument :
MSVOA_Y
ClientSampleId :
SB-6075

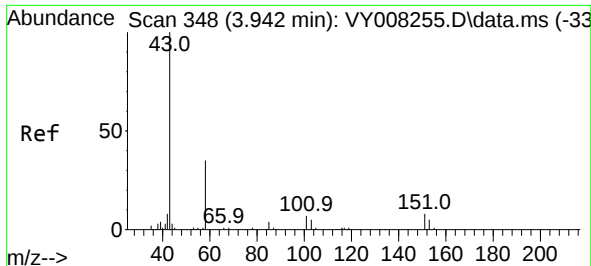
Tgt Ion: 94 Resp: 247
Ion Ratio Lower Upper
94 100
96 69.1 73.5 110.3#



#10
Methyl Iodide
Concen: 2.412 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008353.D
Acq: 15 Apr 2022 16:02

Tgt Ion:142 Resp: 26
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#16

Acetone

Concen: 6.208 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY008353.D

Acq: 15 Apr 2022 16:02

Instrument :

MSVOA_Y

ClientSampleId :

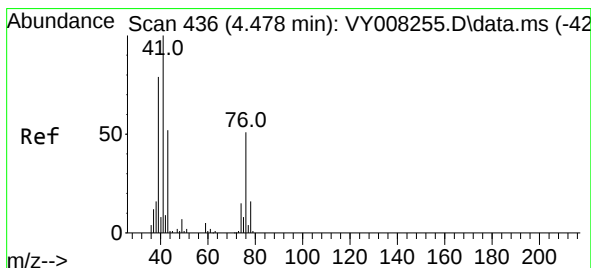
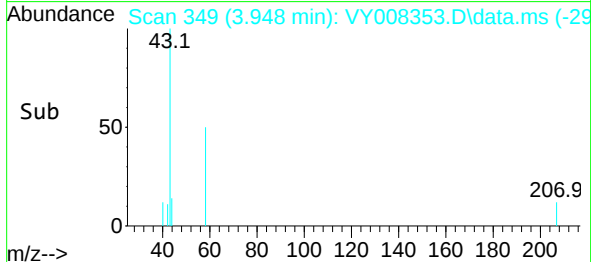
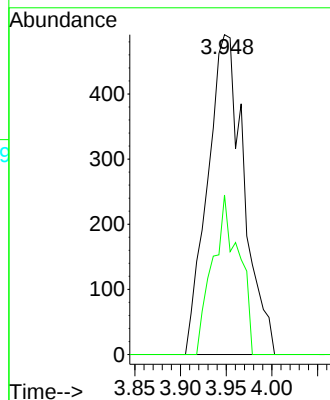
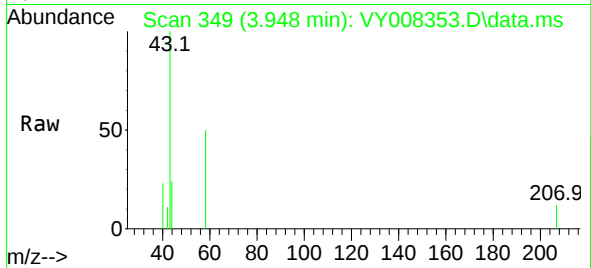
SB-6075

Tgt Ion: 43 Resp: 1354

Ion Ratio Lower Upper

43 100

58 49.9 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.485 min Scan# 437

Delta R.T. 0.007 min

Lab File: VY008353.D

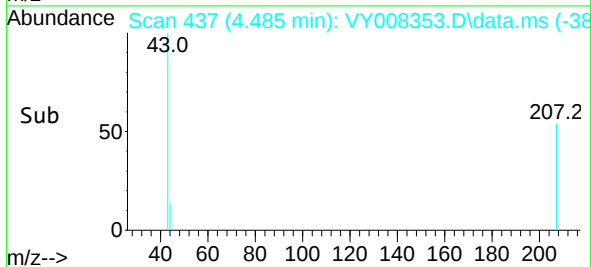
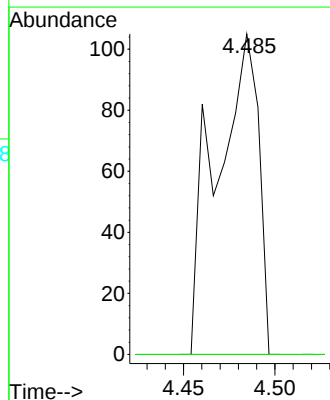
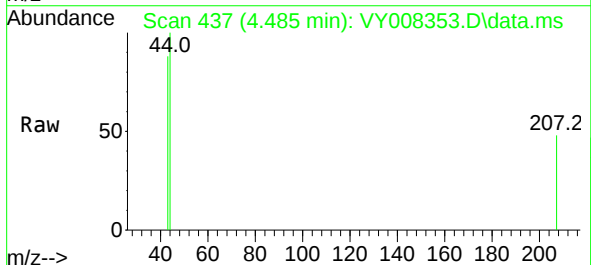
Acq: 15 Apr 2022 16:02

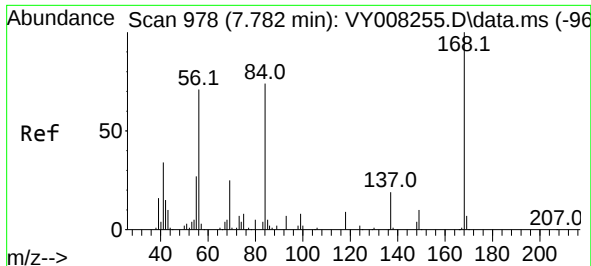
Tgt Ion: 43 Resp: 169

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

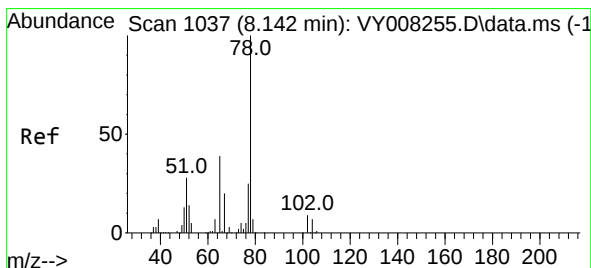
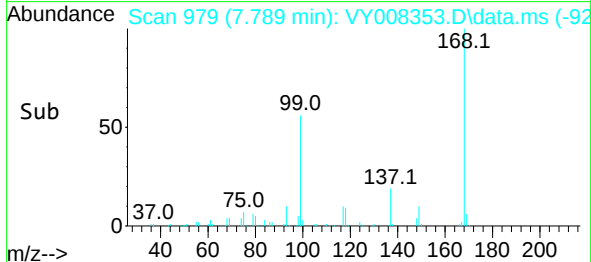
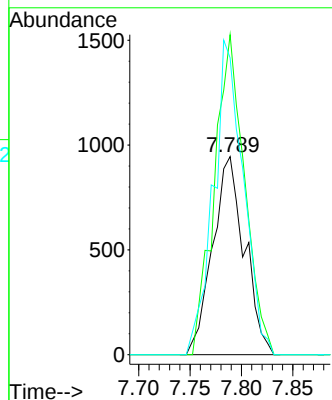
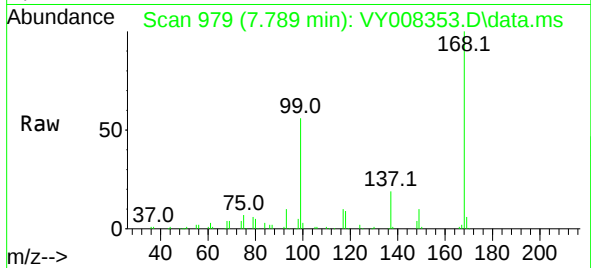




#31
Cyclohexane
Concen: 1.242 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008353.D
Acq: 15 Apr 2022 16:02

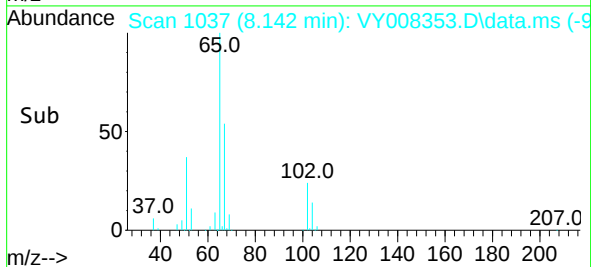
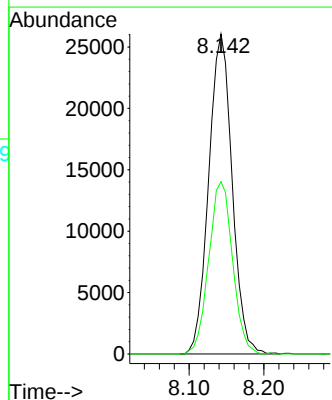
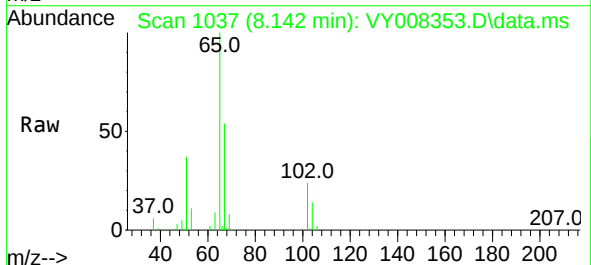
Instrument :
MSVOA_Y
ClientSampleId :
SB-6075

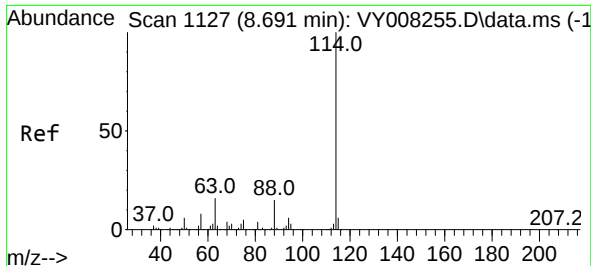
Tgt Ion: 56 Resp: 2037
Ion Ratio Lower Upper
56 100
69 161.6 26.7 40.1#
84 149.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.508 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008353.D
Acq: 15 Apr 2022 16:02

Tgt Ion: 65 Resp: 56683
Ion Ratio Lower Upper
65 100
67 54.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008353.D

Acq: 15 Apr 2022 16:02

Instrument :

MSVOA_Y

ClientSampleId :

SB-6075

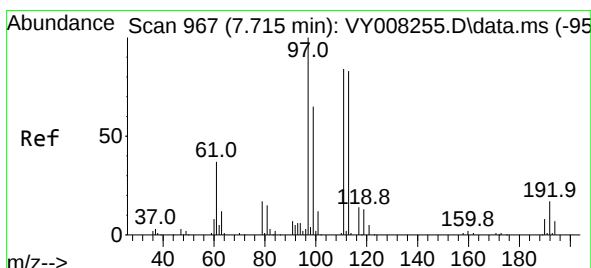
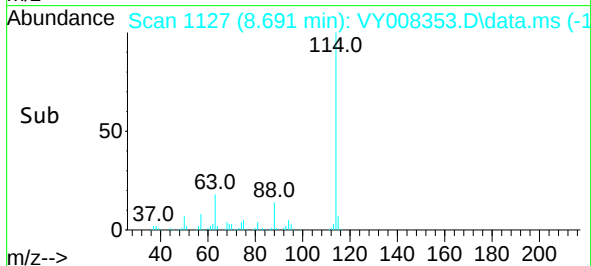
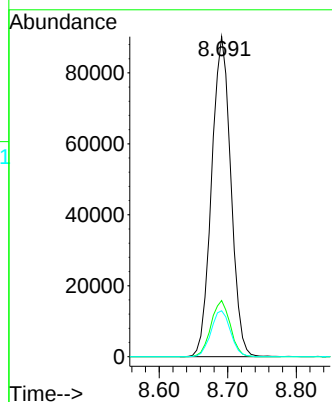
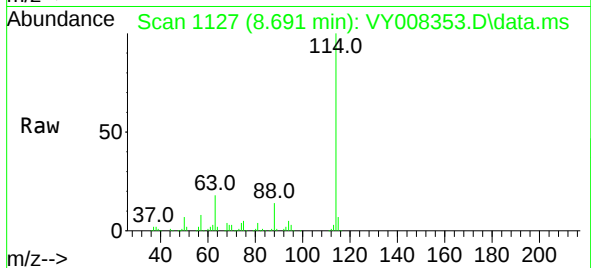
Tgt Ion:114 Resp: 175515

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.038 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.007 min

Lab File: VY008353.D

Acq: 15 Apr 2022 16:02

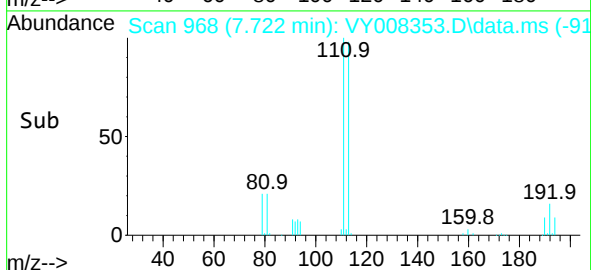
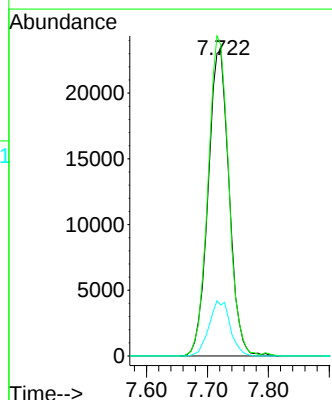
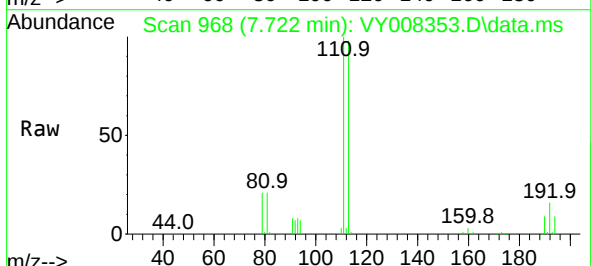
Tgt Ion:113 Resp: 55794

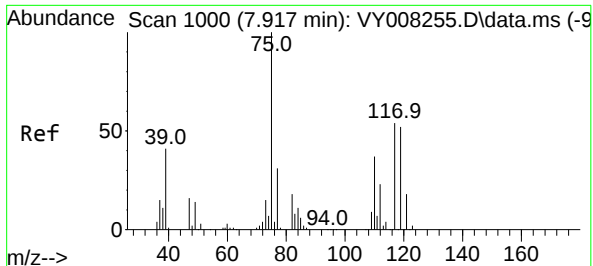
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 18.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.512 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008353.D

Acq: 15 Apr 2022 16:02

Instrument :

MSVOA_Y

ClientSampleId :

SB-6075

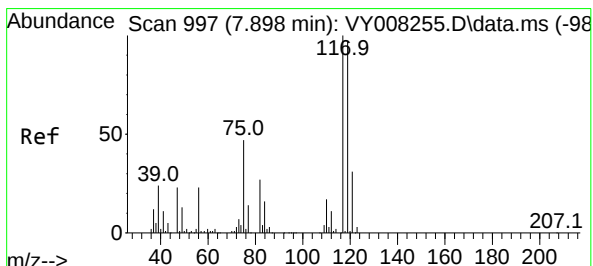
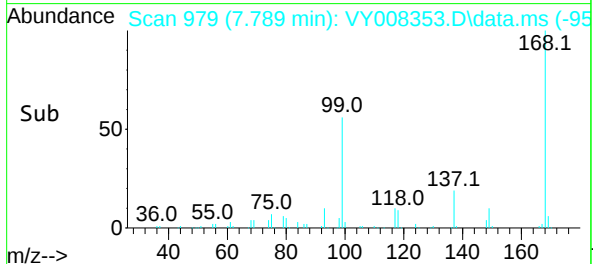
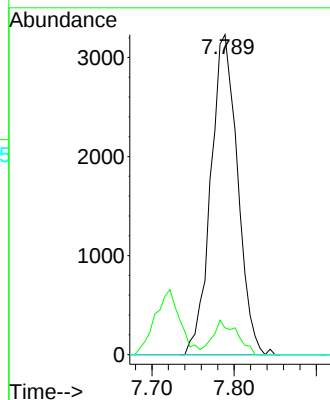
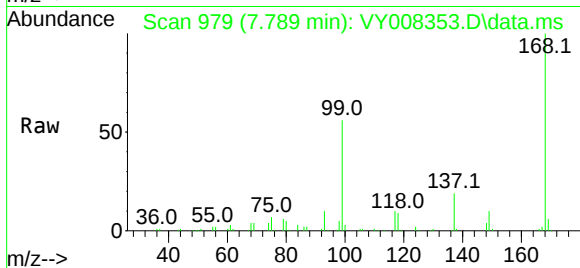
Tgt Ion: 75 Resp: 7304

Ion Ratio Lower Upper

75 100

110 9.7 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.493 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY008353.D

Acq: 15 Apr 2022 16:02

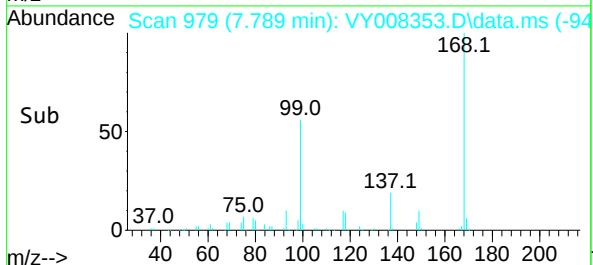
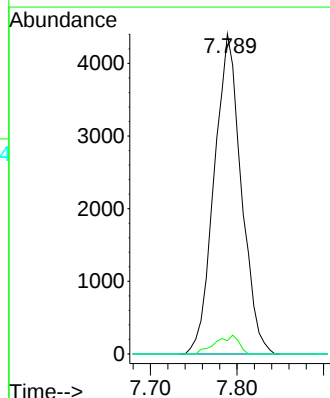
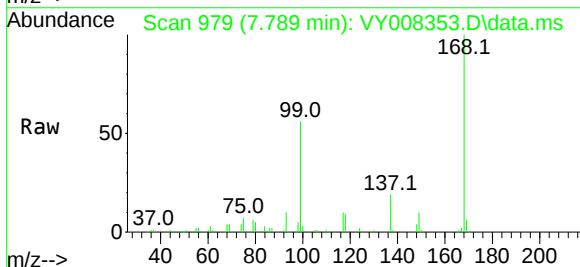
Tgt Ion: 117 Resp: 9567

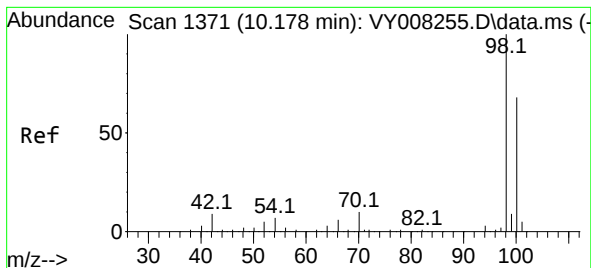
Ion Ratio Lower Upper

117 100

119 4.1 77.9 116.9#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 61.255 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008353.D

Acq: 15 Apr 2022 16:02

Instrument :

MSVOA_Y

ClientSampleId :

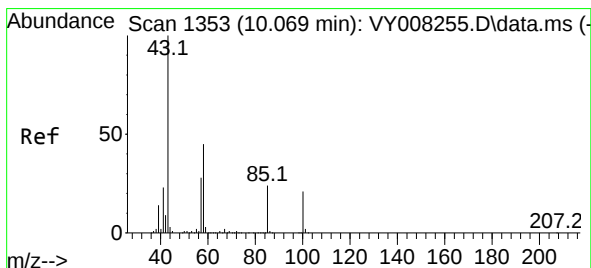
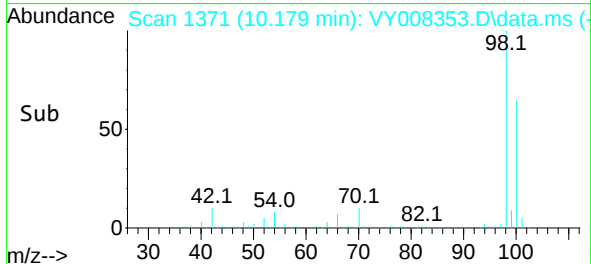
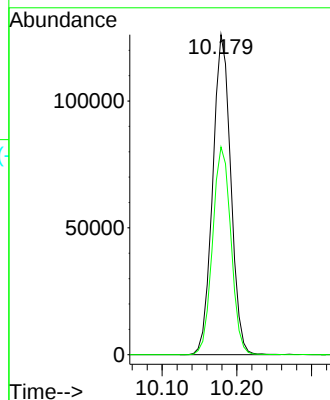
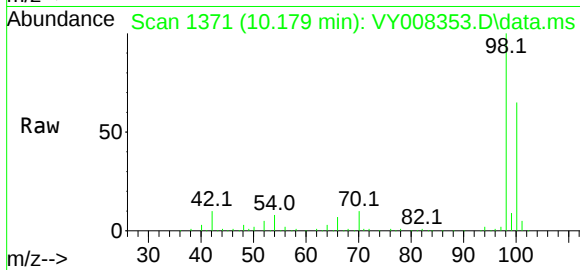
SB-6075

Tgt Ion: 98 Resp: 212482

Ion Ratio Lower Upper

98 100

100 65.9 50.2 75.2



#51

4-Methyl-2-Pentanone

Concen: 1.100 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.110 min

Lab File: VY008353.D

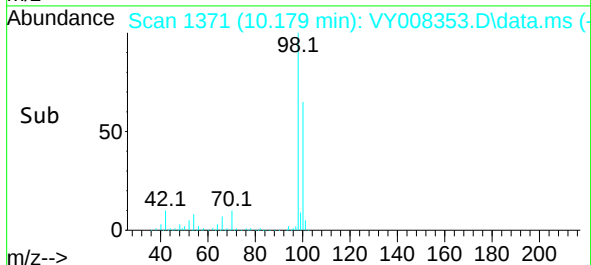
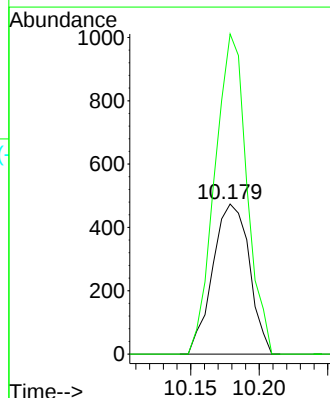
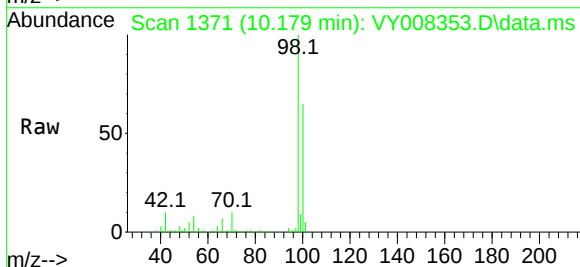
Acq: 15 Apr 2022 16:02

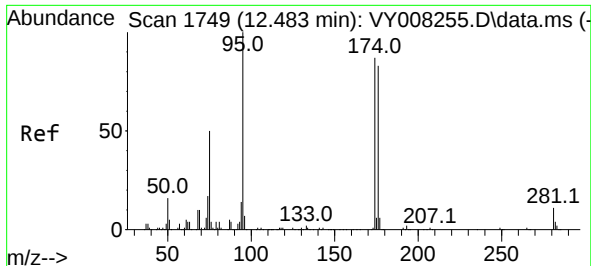
Tgt Ion: 43 Resp: 880

Ion Ratio Lower Upper

43 100

58 187.2 28.1 42.1#

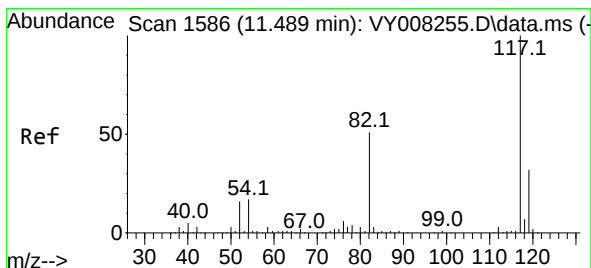
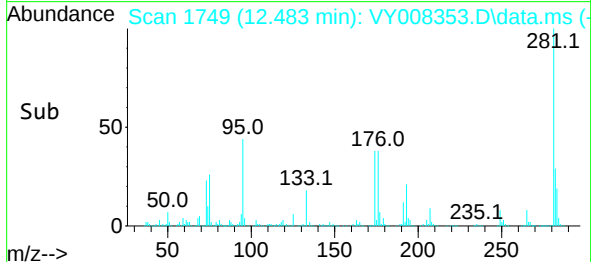
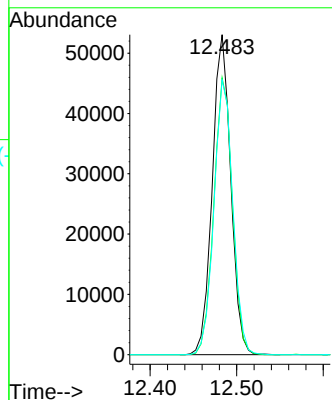
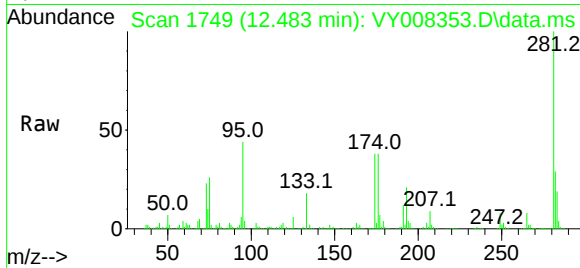




#62
4-Bromofluorobenzene
Concen: 60.234 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008353.D
Acq: 15 Apr 2022 16:02

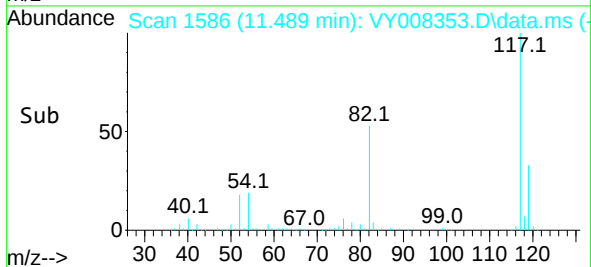
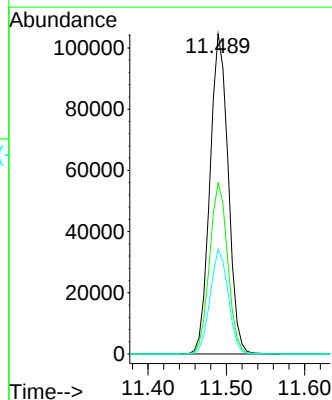
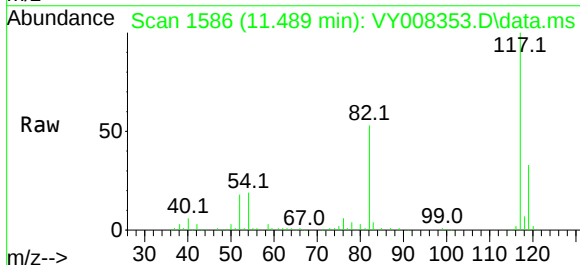
Instrument :
MSVOA_Y
ClientSampleId :
SB-6075

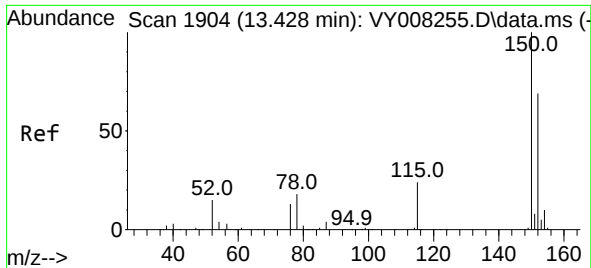
Tgt Ion: 95 Resp: 78588
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 87.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008353.D
Acq: 15 Apr 2022 16:02

Tgt Ion: 117 Resp: 169150
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.7 25.4 38.0

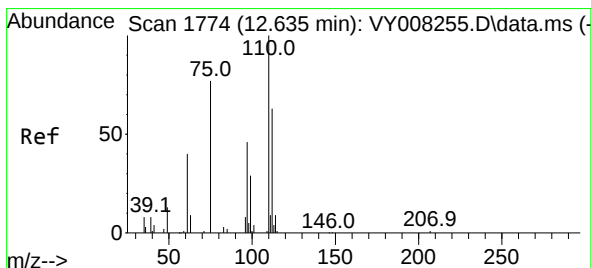
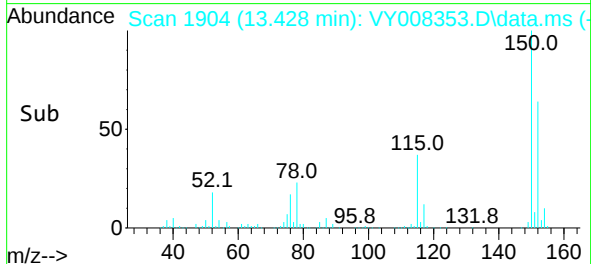
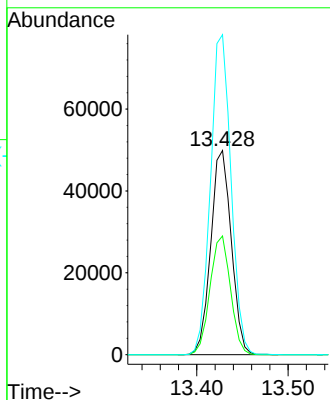
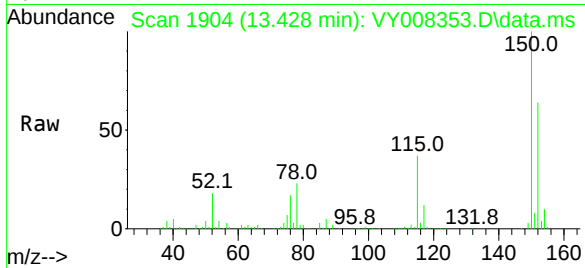




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008353.D
 Acq: 15 Apr 2022 16:02

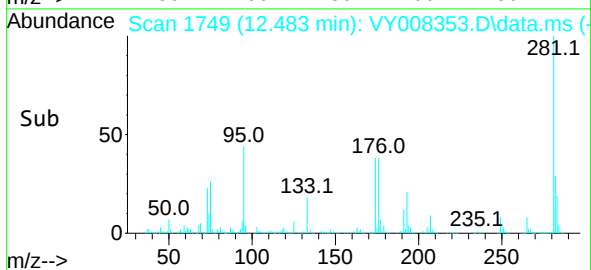
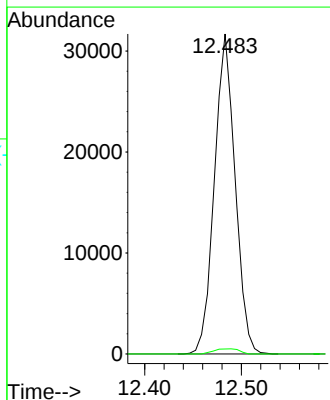
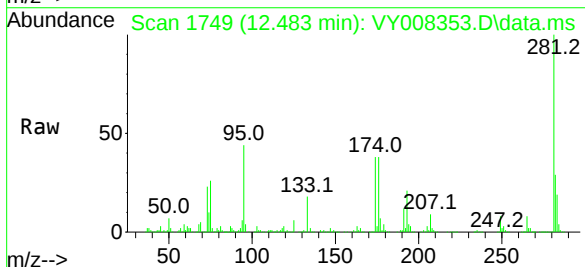
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6075

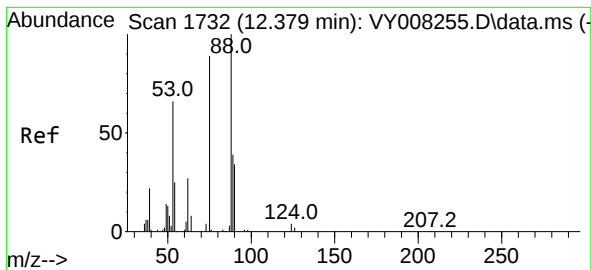
Tgt Ion:152 Resp: 78004
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.2 84.7
 150 156.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 54.498 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008353.D
 Acq: 15 Apr 2022 16:02

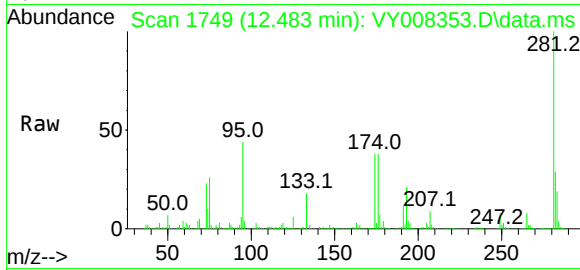
Tgt Ion: 75 Resp: 47016
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.938 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008353.D
 Acq: 15 Apr 2022 16:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6075



Tgt Ion: 75 Resp: 47016
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 4.6 37.0 55.4#

