

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041922\
 Data File : VY008398.D
 Acq On : 19 Apr 2022 16:07
 Operator : KP/MD
 Sample : N2427-07
 Misc : 5.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

Quant Time: Apr 20 06:29:32 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)

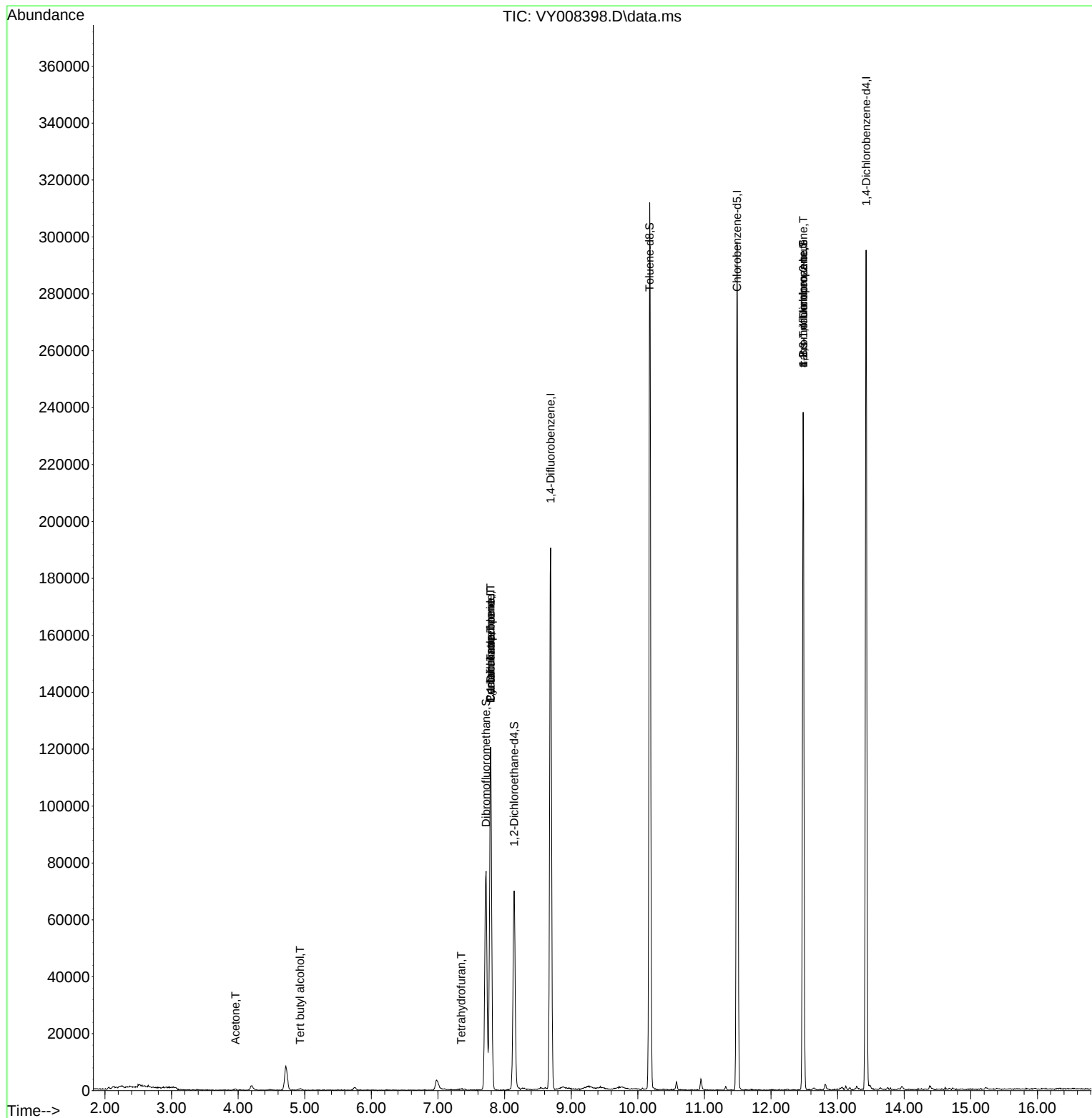
Internal Standards						
1) Pentafluorobenzene	7.789	168	92628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	165648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53742	61.767	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.540%			
35) Dibromofluoromethane	7.722	113	54598	55.363	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.720%			
50) Toluene-d8	10.179	98	207081	61.366	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 122.740%			
62) 4-Bromofluorobenzene	12.483	95	71119	56.032	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.060%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	146	Below Cal	#	44
5) Bromomethane	2.662	94	266	Below Cal		84
11) Tert butyl alcohol	4.930	59	340	3.655	ug/l #	77
16) Acetone	3.960	43	858	4.100	ug/l #	79
18) Methyl Acetate	4.478	43	503	Below Cal	#	56
20) Methylene Chloride	4.710	84	6538	Below Cal	#	77
29) Tetrahydrofuran	7.350	42	237	1.122	ug/l #	38
31) Cyclohexane	7.789	56	1919	1.220	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7069	4.489	ug/l #	51
38) Carbon Tetrachloride	7.789	117	9221	5.443	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	37537	45.002	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37537	100.690	ug/l #	7

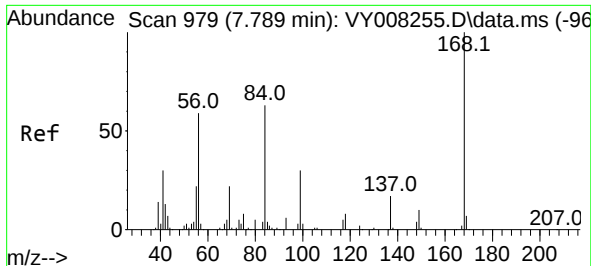
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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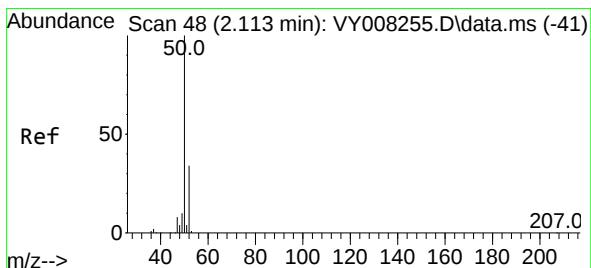
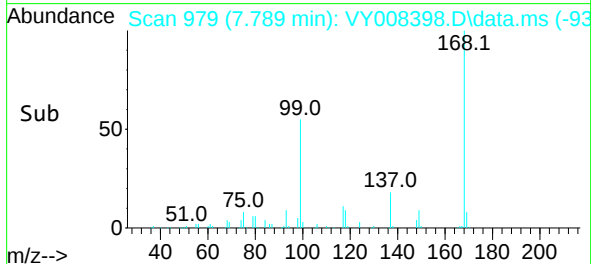
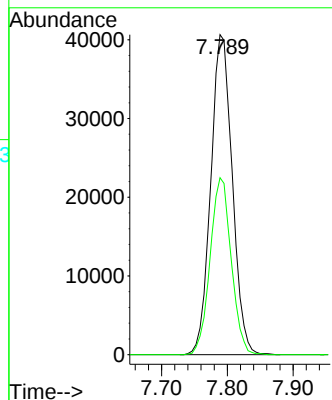
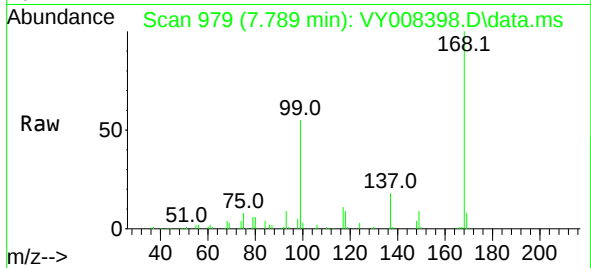




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

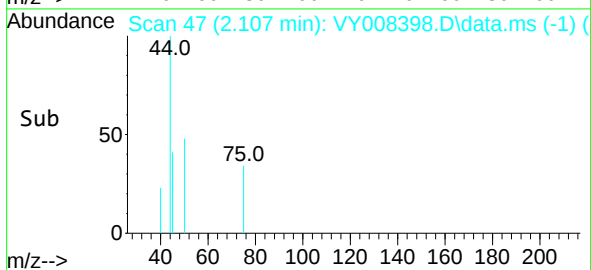
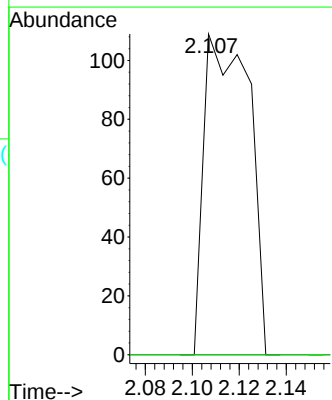
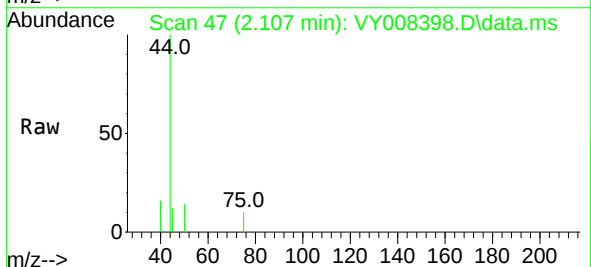
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

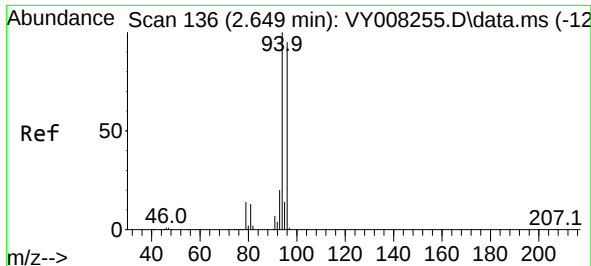
Tgt Ion:168 Resp: 92628
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

Tgt Ion: 50 Resp: 146
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#





#5

Bromomethane

Concen: Below Cal

RT: 2.662 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY008398.D

Acq: 19 Apr 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

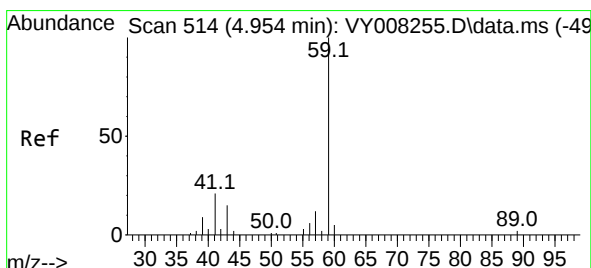
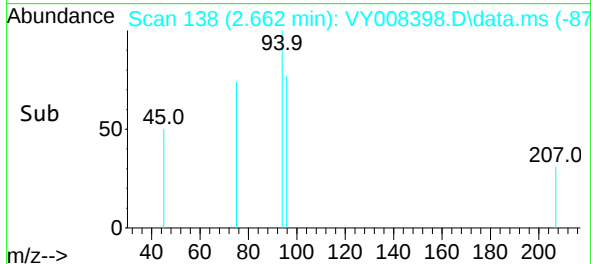
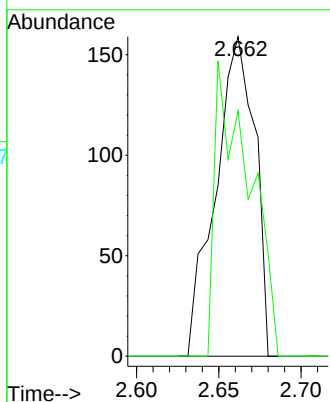
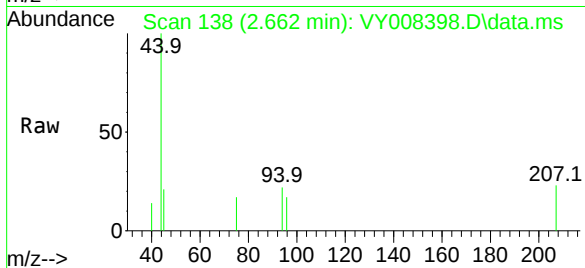
SB-7

Tgt Ion: 94 Resp: 266

Ion Ratio Lower Upper

94 100

96 76.7 73.5 110.3



#11

Tert butyl alcohol

Concen: 3.655 ug/l

RT: 4.930 min Scan# 510

Delta R.T. -0.024 min

Lab File: VY008398.D

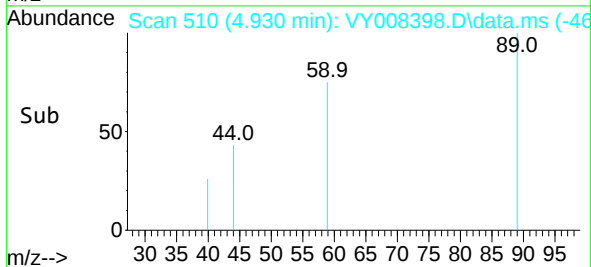
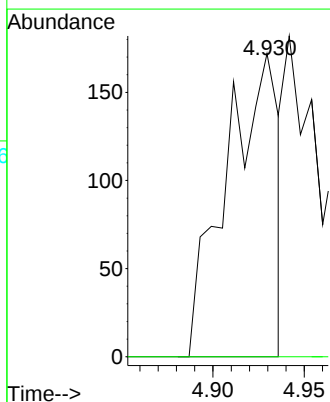
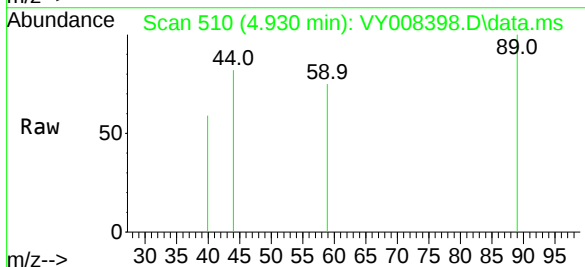
Acq: 19 Apr 2022 16:07

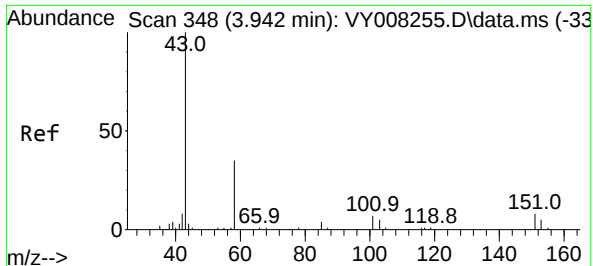
Tgt Ion: 59 Resp: 340

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#

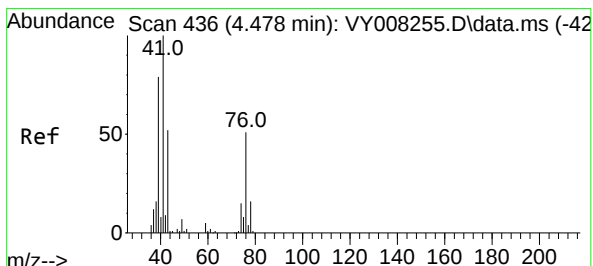
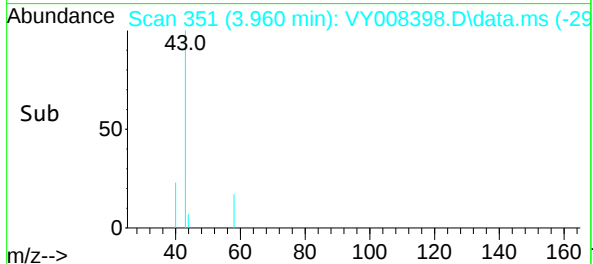
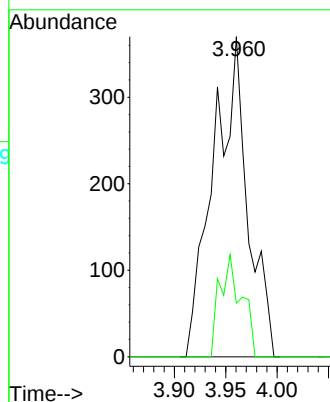
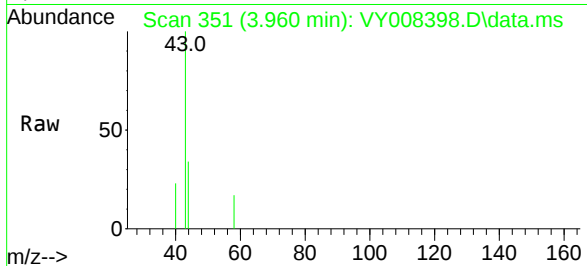




#16
Acetone
Concen: 4.100 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

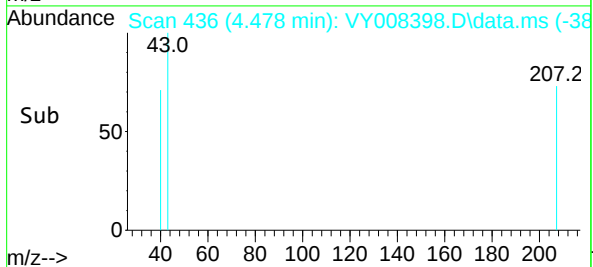
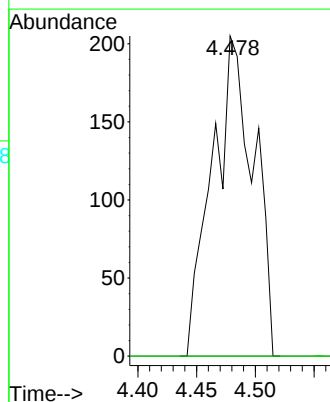
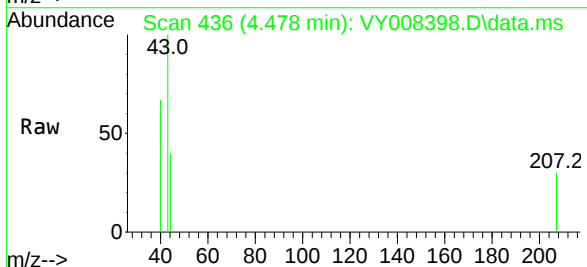
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

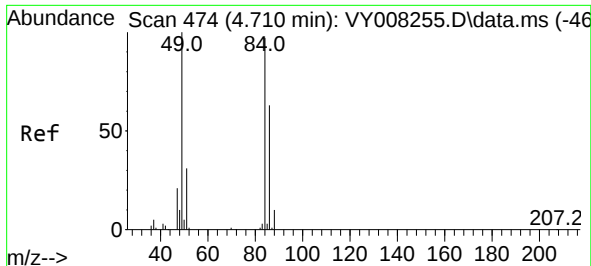
Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
58 16.8 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

Tgt Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



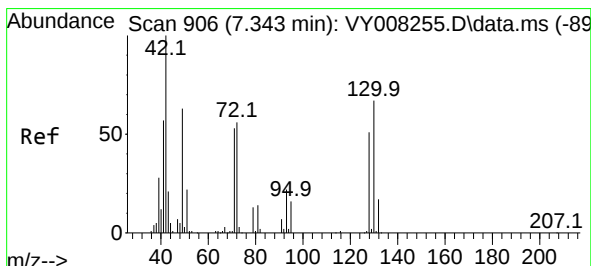
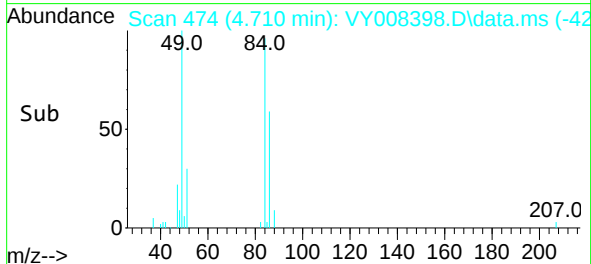
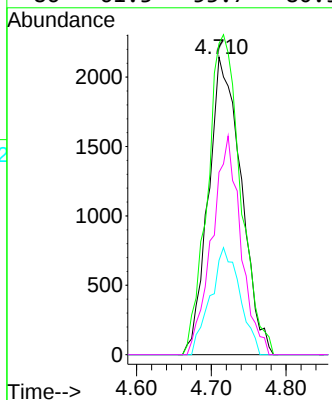
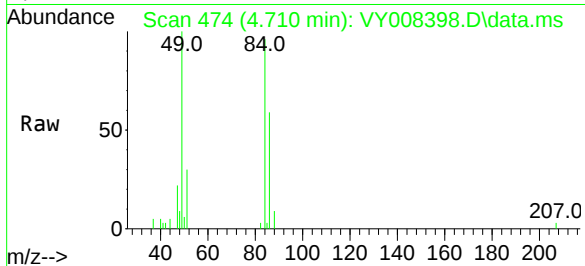


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

Instrument :
MSVOA_Y
ClientSampleId :
SB-7

Tgt Ion: 84 Resp: 6538

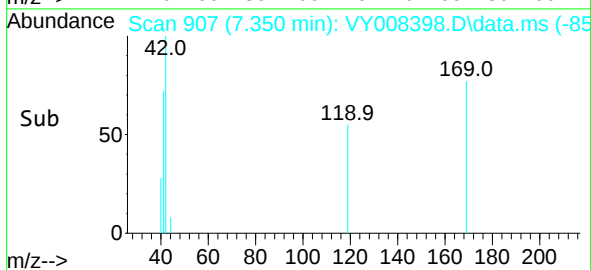
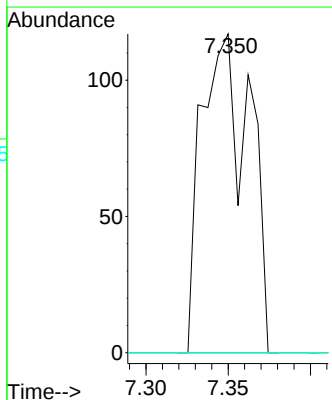
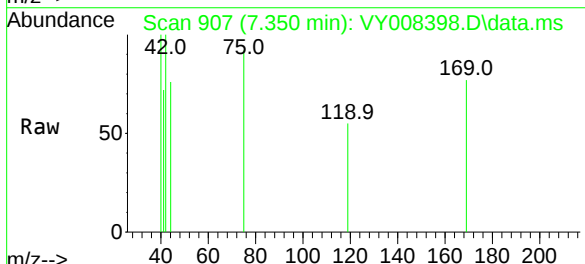
Ion	Ratio	Lower	Upper
84	100		
49	104.5	114.4	171.6#
51	31.7	35.3	52.9#
86	61.3	53.7	80.5

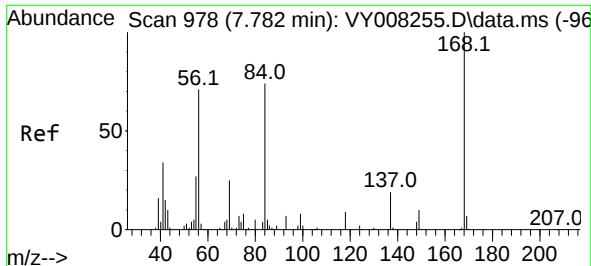


#29
Tetrahydrofuran
Concen: 1.122 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.007 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

Tgt Ion: 42 Resp: 237

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	0.0	29.0	43.4#

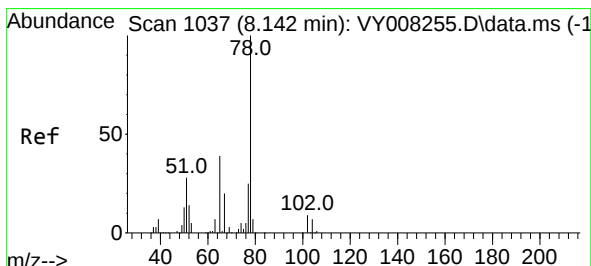
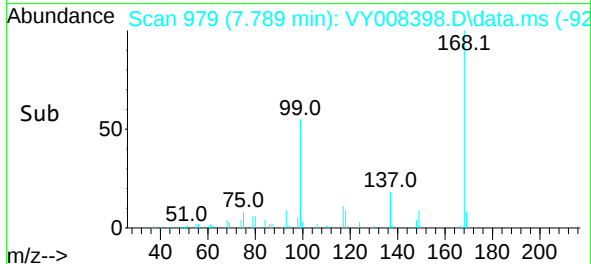
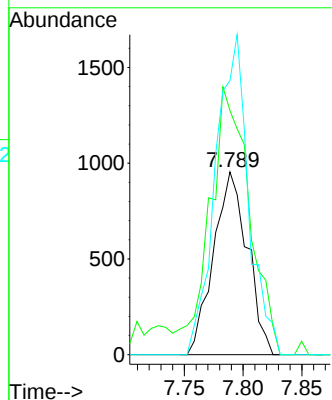
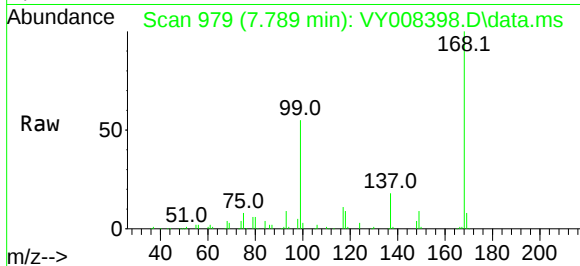




#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

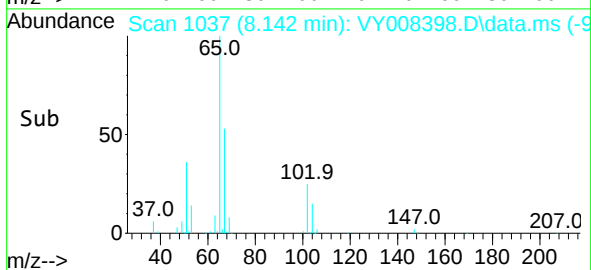
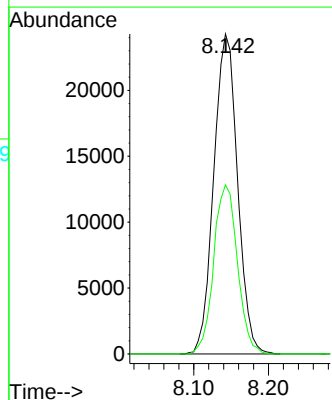
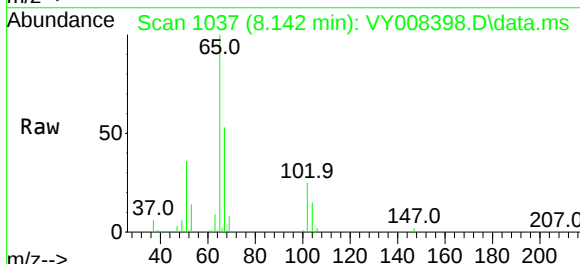
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

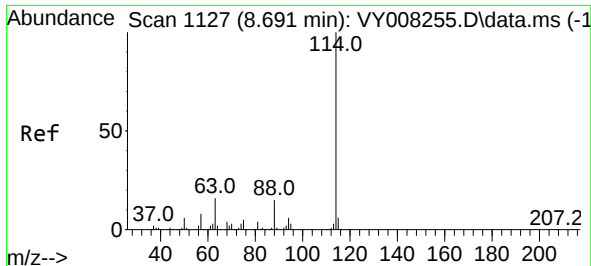
Tgt Ion: 56 Resp: 1919
Ion Ratio Lower Upper
56 100
69 133.6 26.7 40.1#
84 150.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.767 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

Tgt Ion: 65 Resp: 53742
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008398.D

Acq: 19 Apr 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

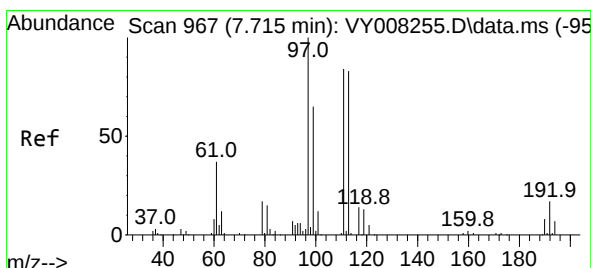
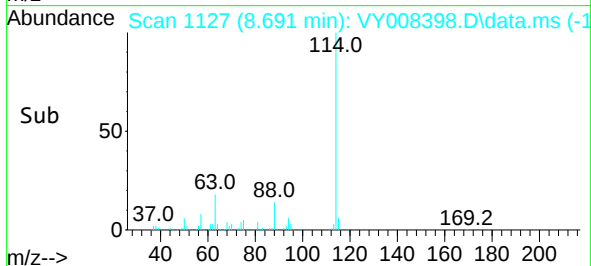
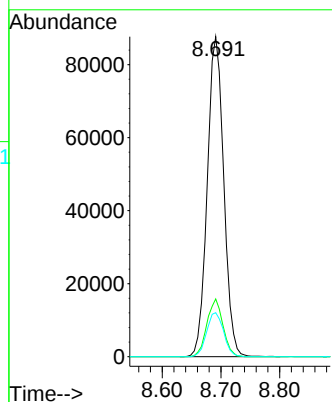
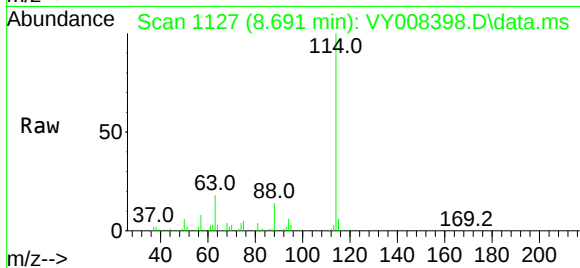
Tgt Ion:114 Resp: 170744

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.363 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.007 min

Lab File: VY008398.D

Acq: 19 Apr 2022 16:07

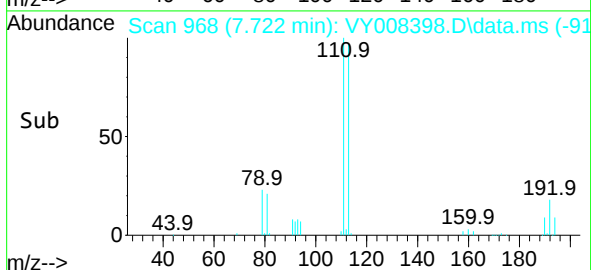
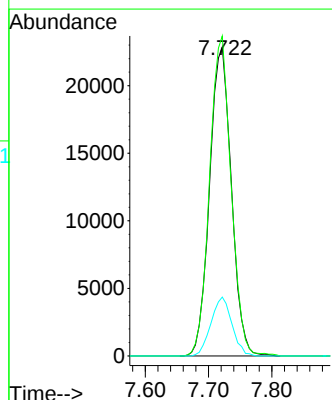
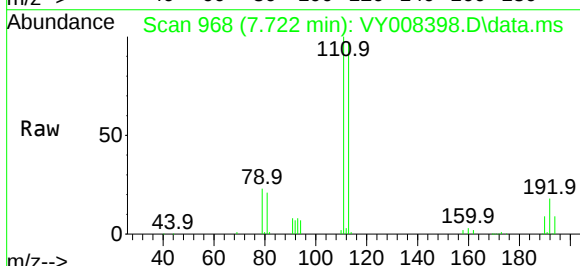
Tgt Ion:113 Resp: 54598

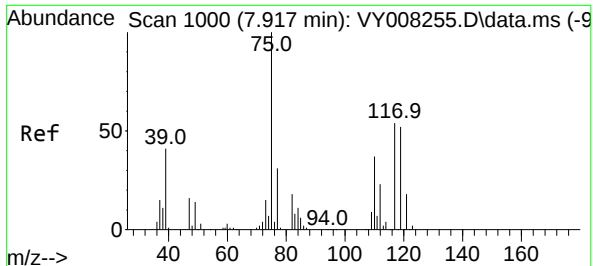
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 18.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.489 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008398.D

Acq: 19 Apr 2022 16:07

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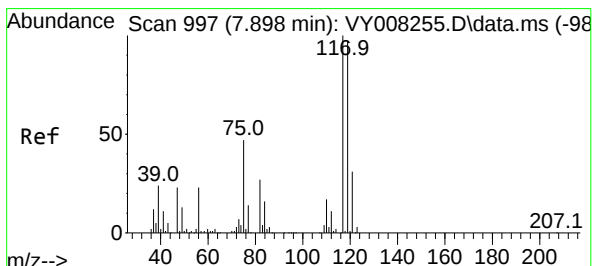
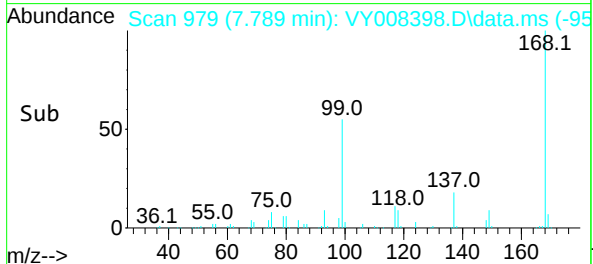
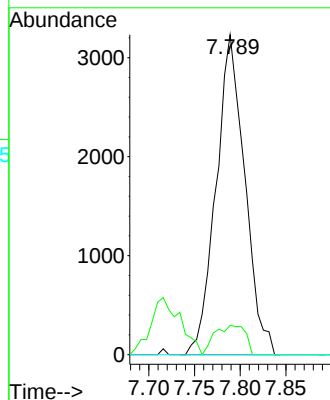
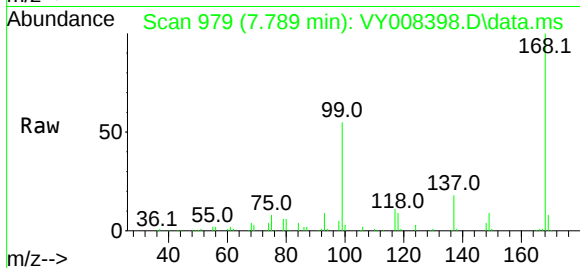
Tgt Ion: 75 Resp: 7069

Ion Ratio Lower Upper

75 100

110 9.7 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.443 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY008398.D

Acq: 19 Apr 2022 16:07

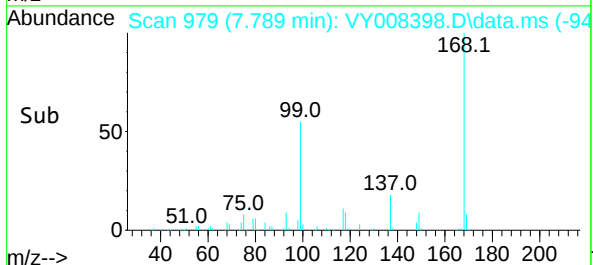
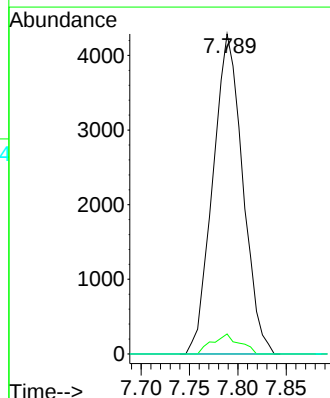
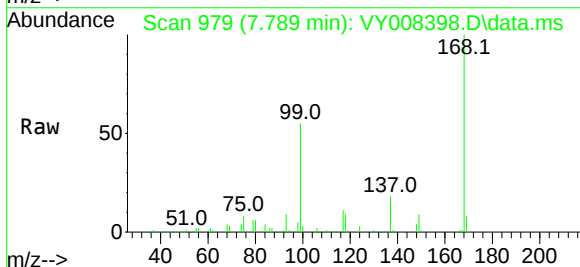
Tgt Ion: 117 Resp: 9221

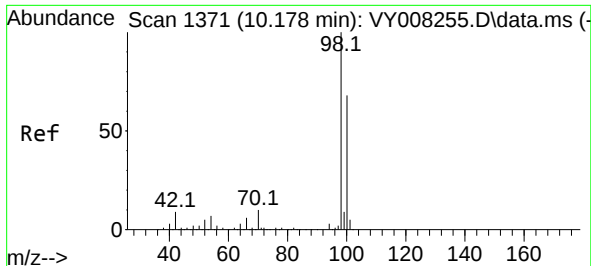
Ion Ratio Lower Upper

117 100

119 6.2 77.9 116.9#

121 0.0 24.8 37.2#

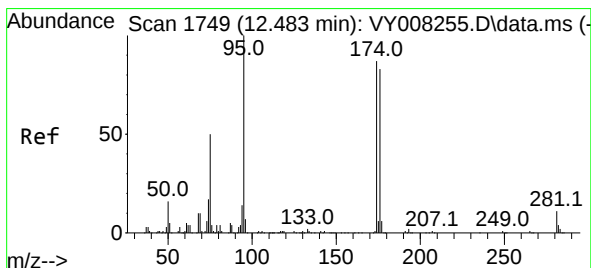
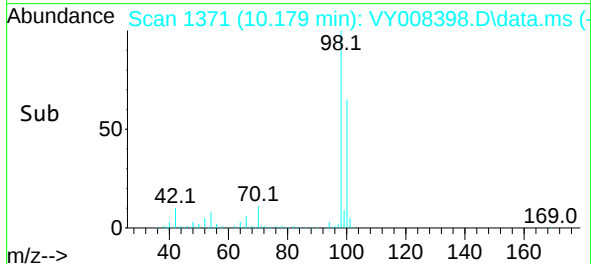
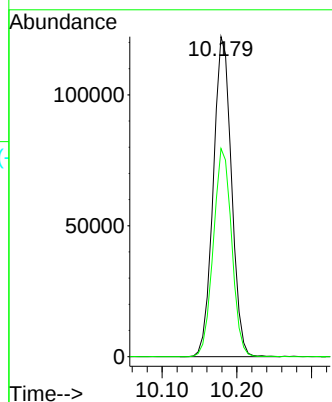
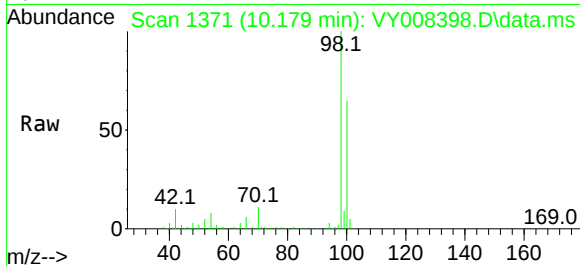




#50
Toluene-d8
Concen: 61.366 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

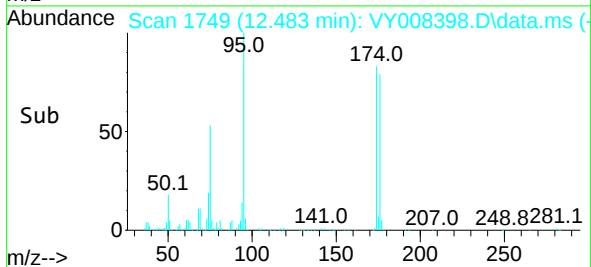
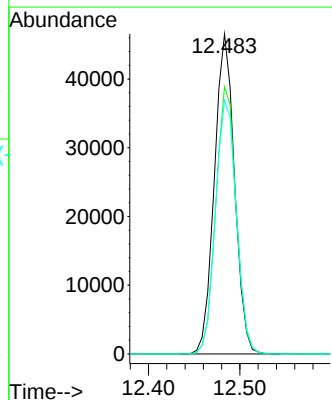
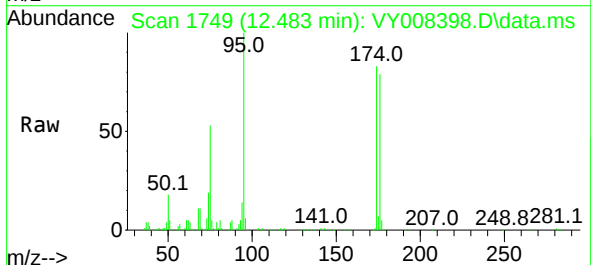
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

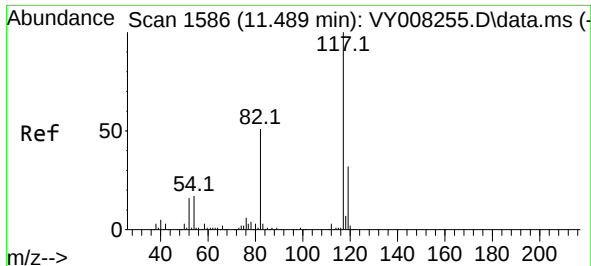
Tgt Ion: 98 Resp: 207081
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.032 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

Tgt Ion: 95 Resp: 71119
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 82.3 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: VY008398.D

Acq: 19 Apr 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

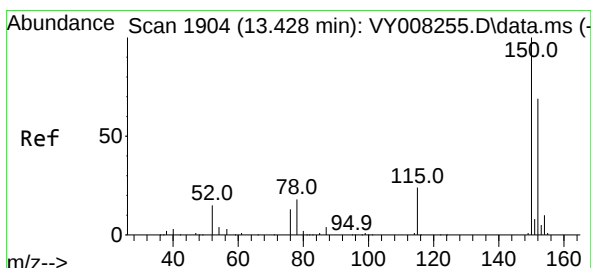
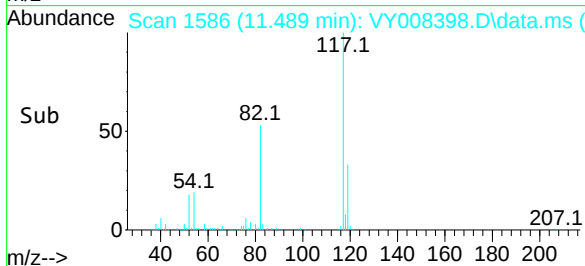
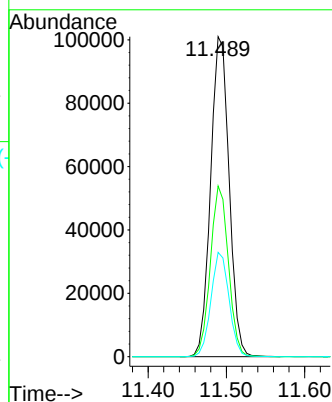
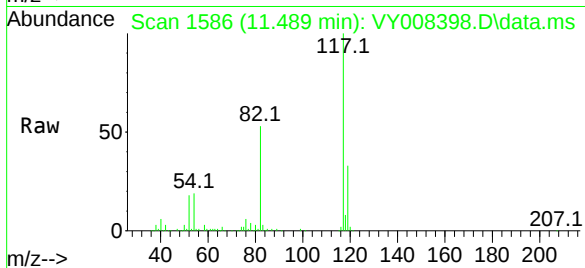
Tgt Ion:117 Resp: 165648

Ion Ratio Lower Upper

117 100

82 53.4 43.0 64.4

119 32.6 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: VY008398.D

Acq: 19 Apr 2022 16:07

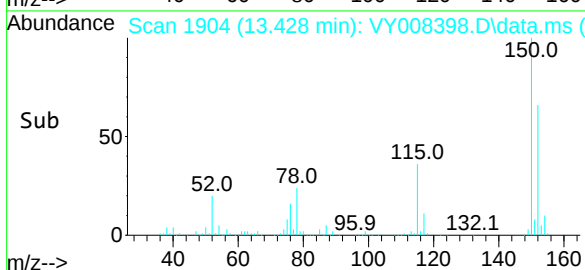
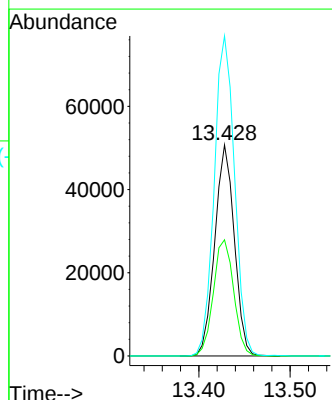
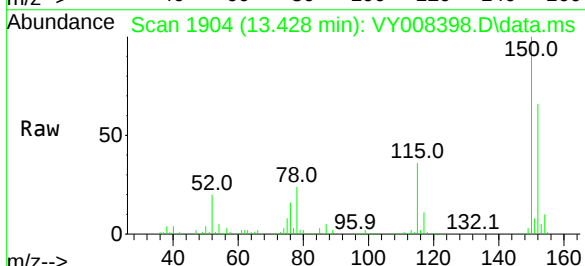
Tgt Ion:152 Resp: 75420

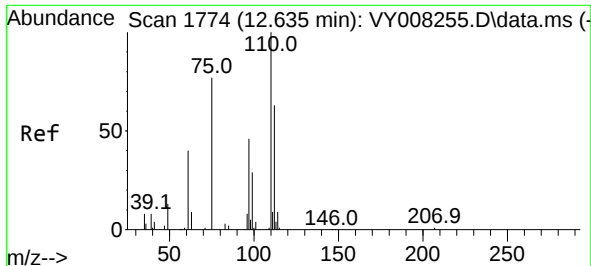
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 157.9 0.0 347.6

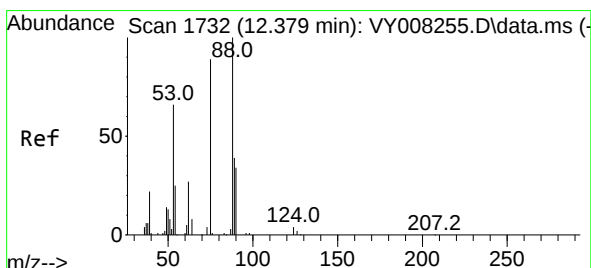
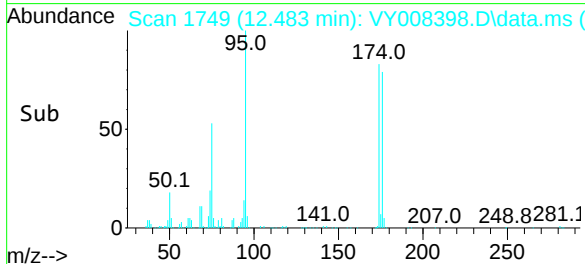
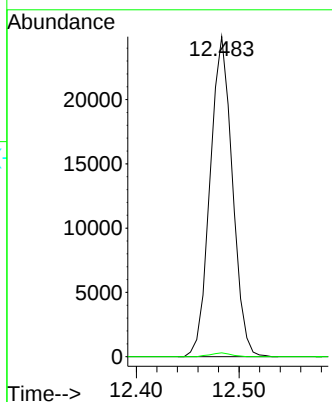
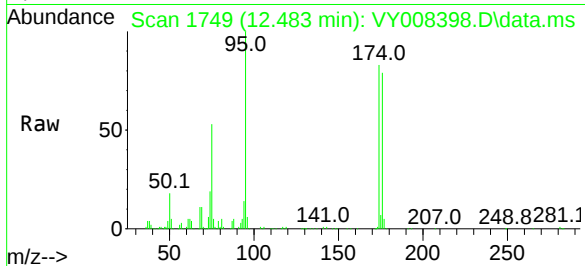




#76
1,2,3-Trichloropropane
Concen: 45.002 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

Instrument :
MSVOA_Y
ClientSampleId :
SB-7

Tgt Ion: 75 Resp: 37537
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.690 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008398.D
Acq: 19 Apr 2022 16:07

Tgt Ion: 75 Resp: 37537
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

