

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008379.D
 Acq On : 18 Apr 2022 17:29
 Operator : KP/MD
 Sample : N2427-05
 Misc : 5.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

Quant Time: Apr 19 06:31:56 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)

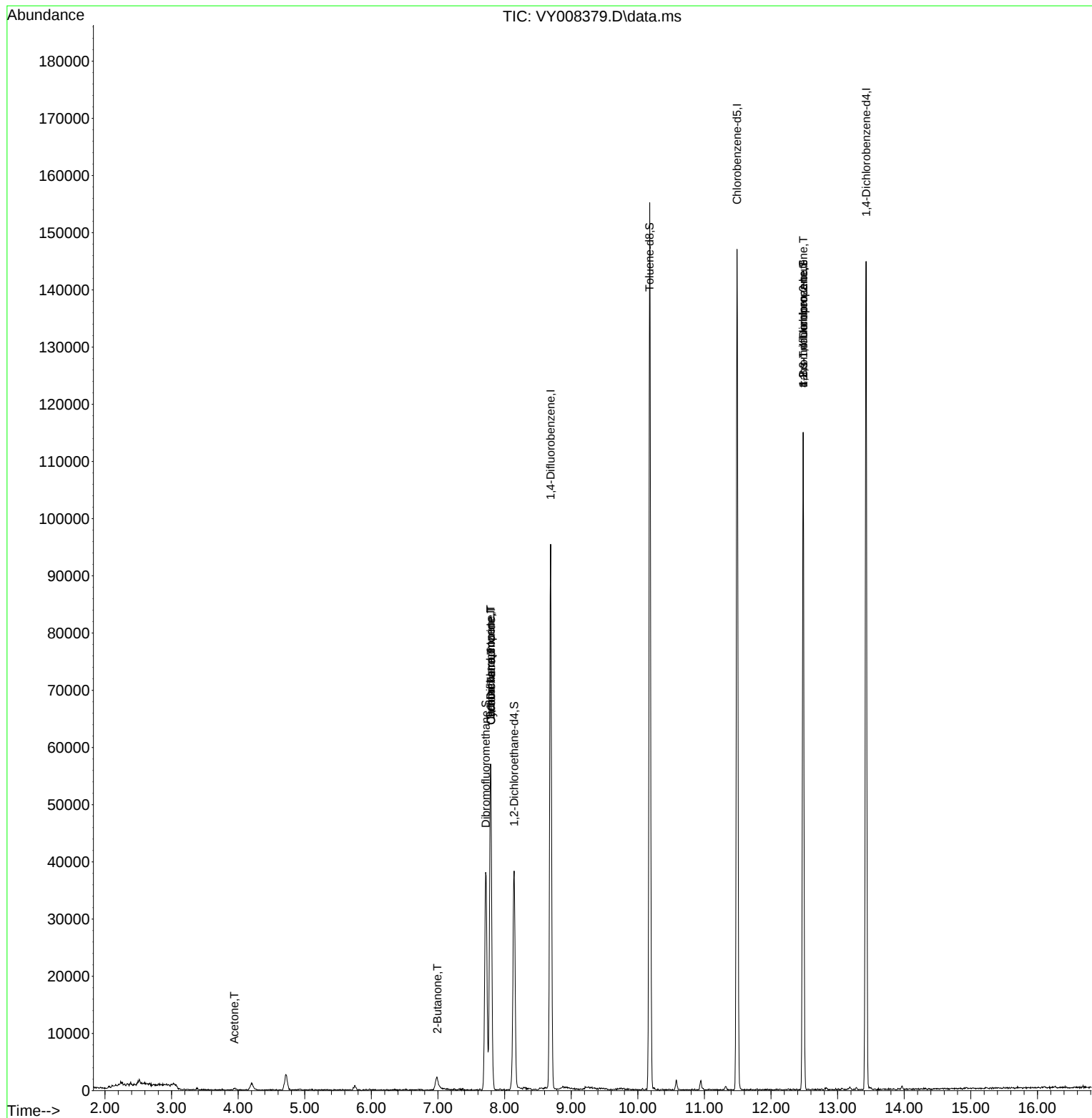
Internal Standards						
1) Pentafluorobenzene	7.789	168	45500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	83067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	82704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28644	67.020	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.040%			
35) Dibromofluoromethane	7.716	113	27534	57.389	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.780%			
50) Toluene-d8	10.179	98	99245	60.452	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 120.900%			
62) 4-Bromofluorobenzene	12.483	95	34164	55.327	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.660%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	123	Below Cal	#	44
5) Bromomethane	2.668	94	79	Below Cal	#	66
16) Acetone	3.942	43	559	5.438	ug/l	97
18) Methyl Acetate	4.491	43	19	Below Cal	#	56
20) Methylene Chloride	4.722	84	2322	Below Cal	#	73
25) 2-Butanone	6.990	43	162	1.008	ug/l #	54
31) Cyclohexane	7.795	56	833	1.078	ug/l #	5
36) 1,1-Dichloropropene	7.789	75	3687	4.812	ug/l #	49
38) Carbon Tetrachloride	7.795	117	4602	5.583	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	18786	46.677	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	18786	104.439	ug/l #	7

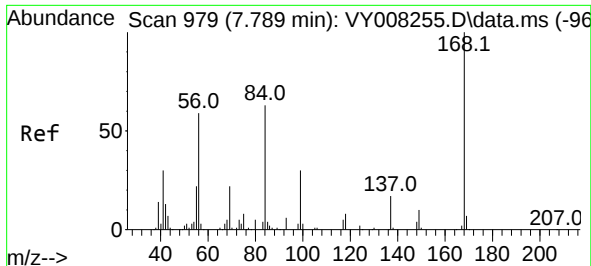
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
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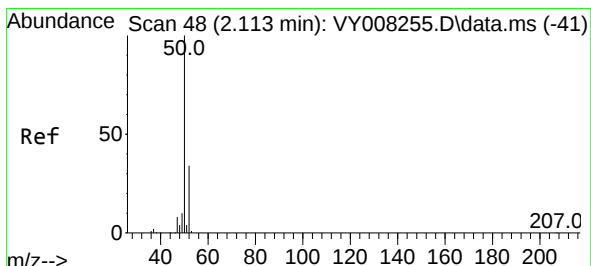
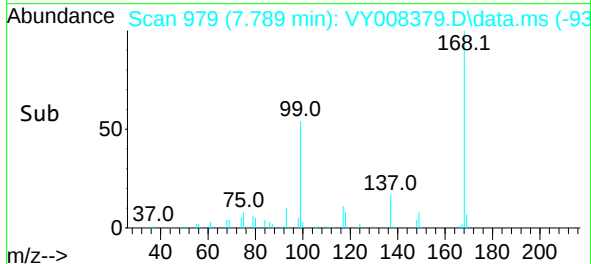
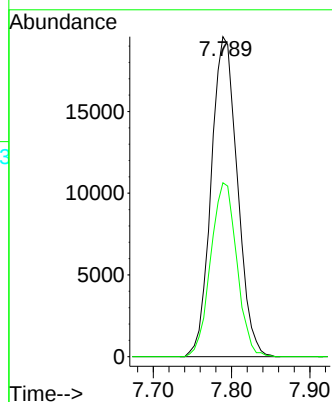
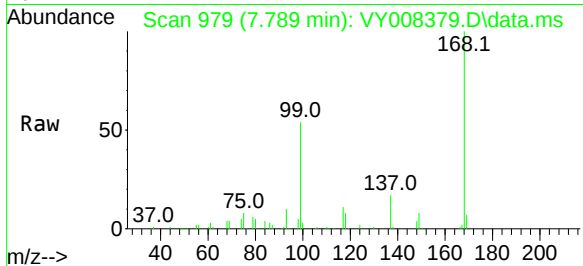




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

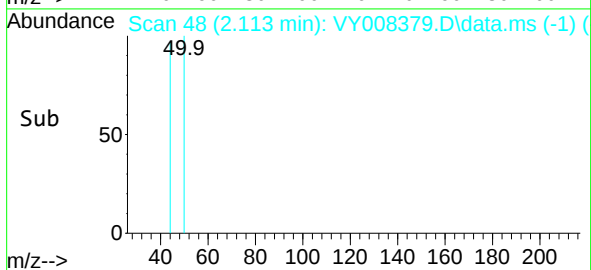
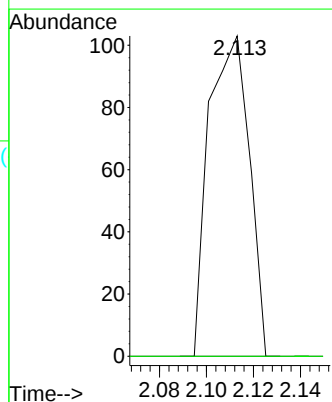
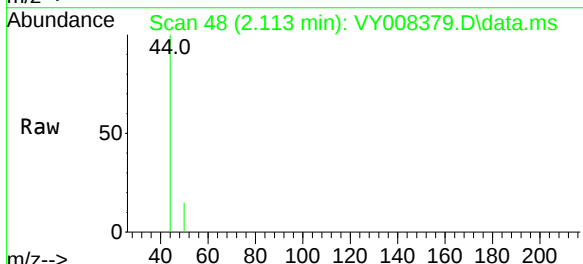
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

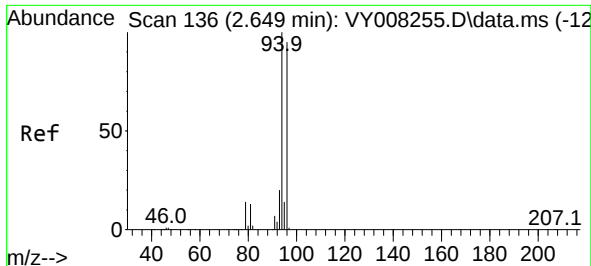
Tgt Ion:168 Resp: 45500
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

Tgt Ion: 50 Resp: 123
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

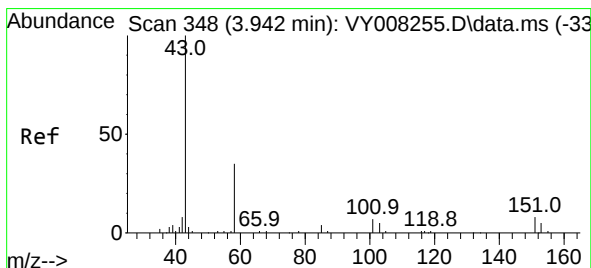
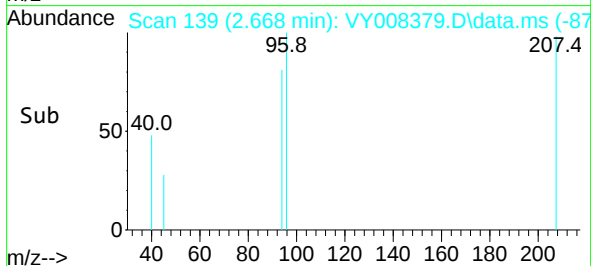
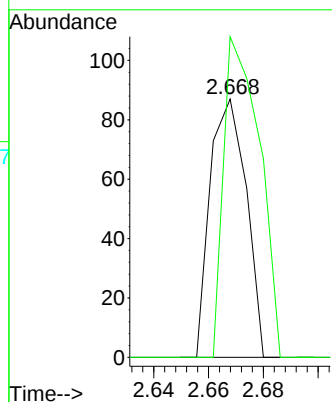
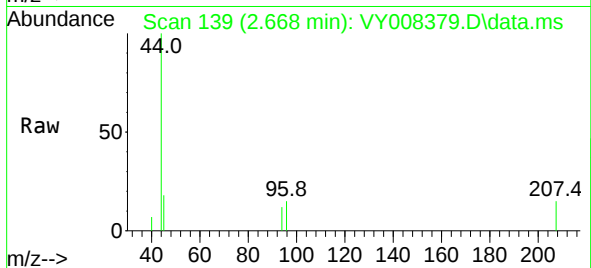




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

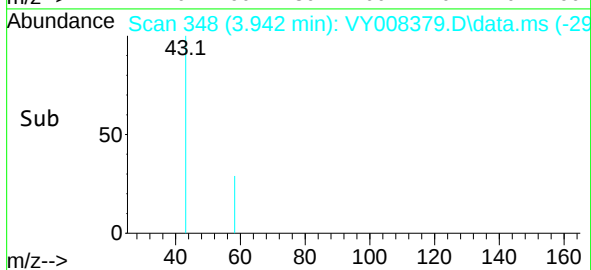
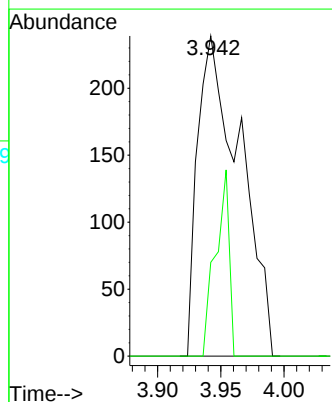
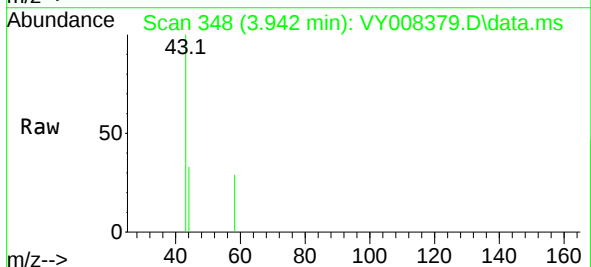
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

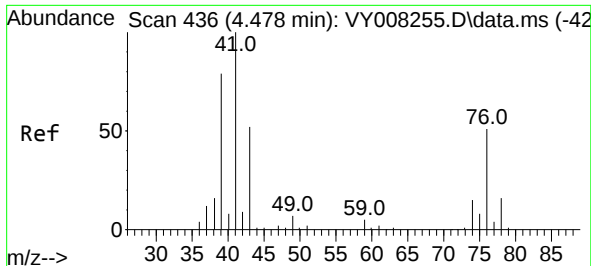
Tgt Ion: 94 Resp: 79
Ion Ratio Lower Upper
94 100
96 124.1 73.5 110.3#



#16
Acetone
Concen: 5.438 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
58 29.3 22.0 33.0

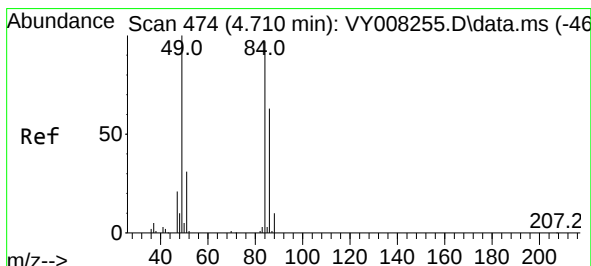
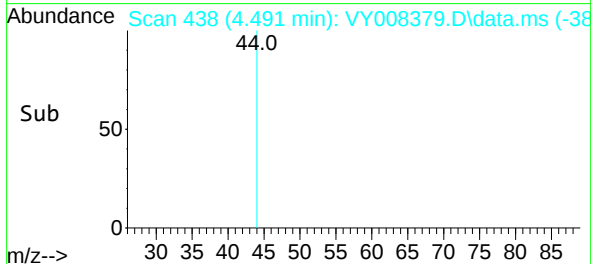
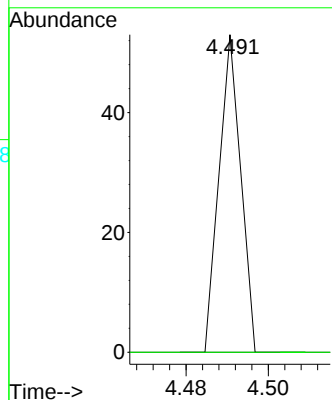
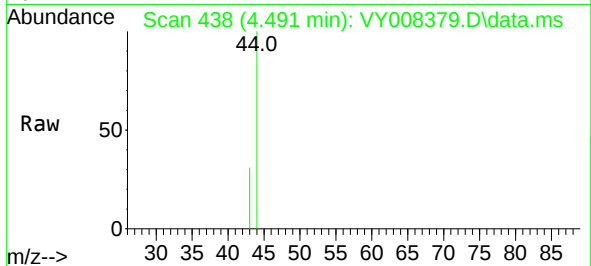




#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

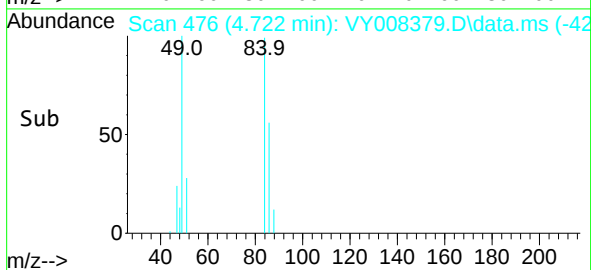
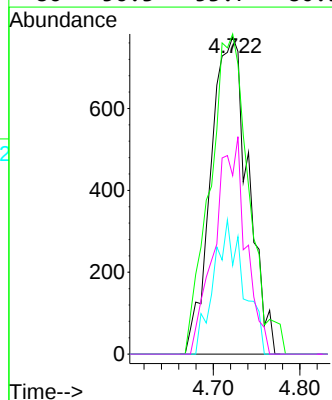
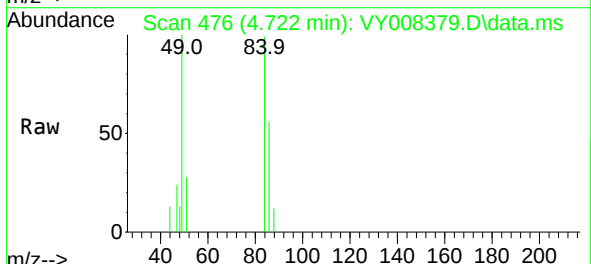
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

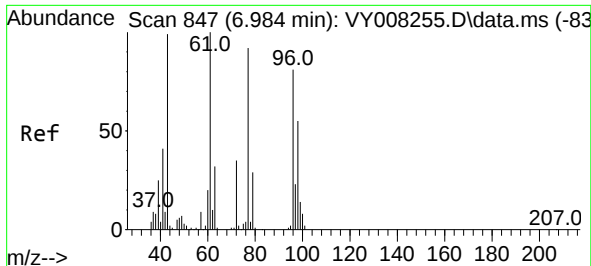
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

Tgt Ion: 84 Resp: 2322
Ion Ratio Lower Upper
84 100
49 100.9 114.4 171.6#
51 28.0 35.3 52.9#
86 56.3 53.7 80.5

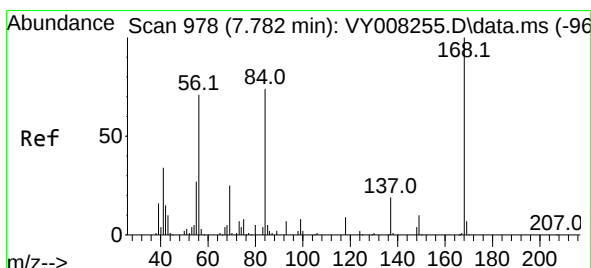
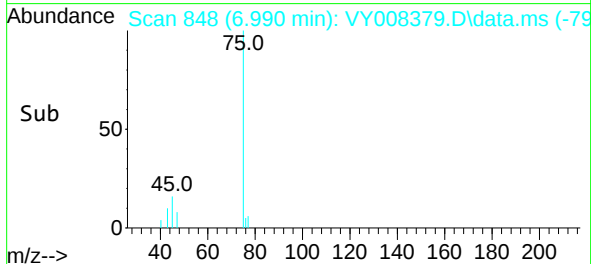
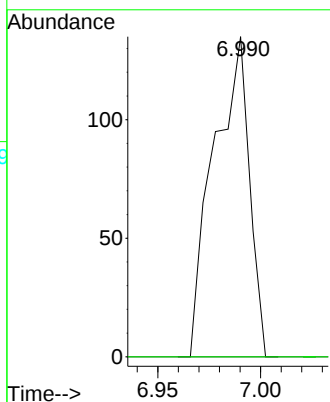
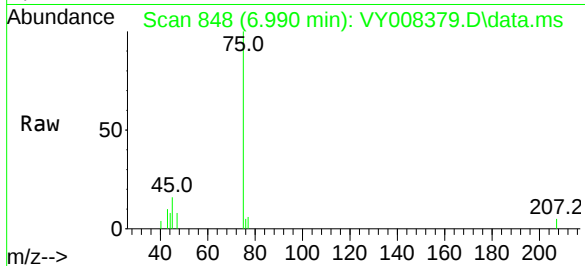




#25
2-Butanone
Concen: 1.008 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

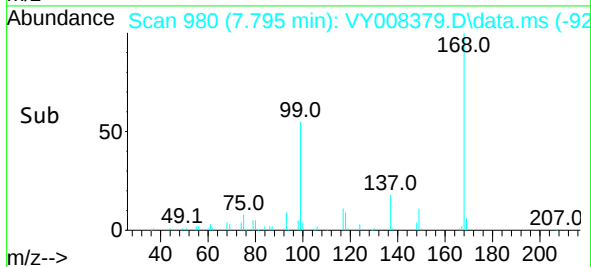
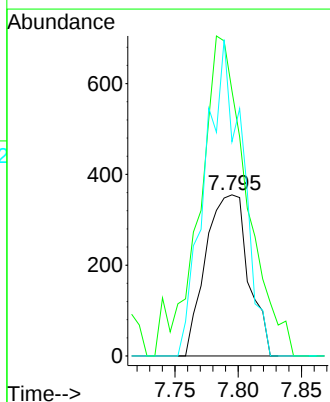
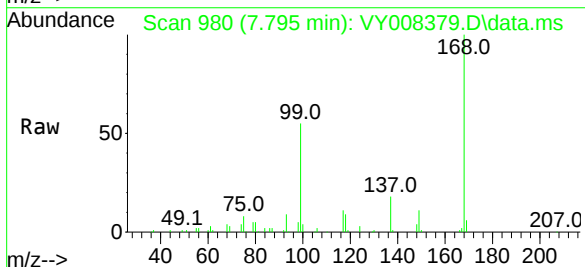
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

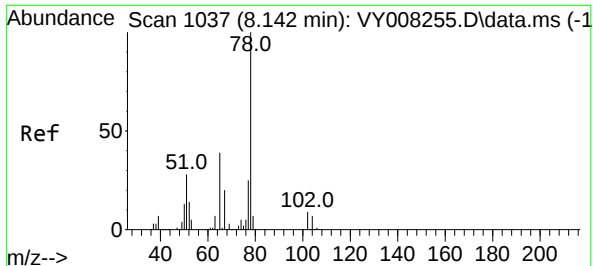
Tgt Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.013 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

Tgt Ion: 56 Resp: 833
Ion Ratio Lower Upper
56 100
69 145.4 26.7 40.1#
84 133.0 67.2 100.8#



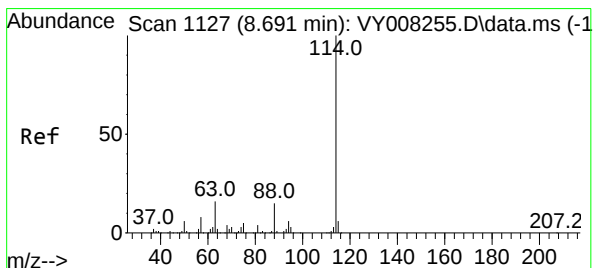
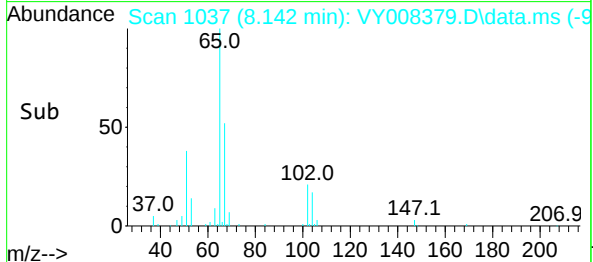
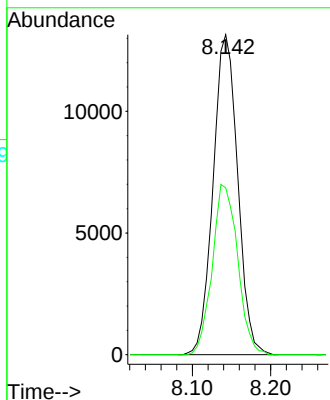
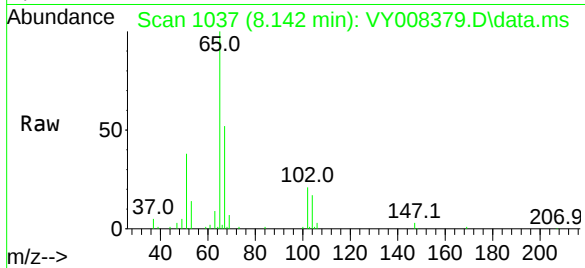


#33
 1,2-Dichloroethane-d4
 Concen: 67.020 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY008379.D
 Acq: 18 Apr 2022 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

Tgt Ion: 65 Resp: 28644

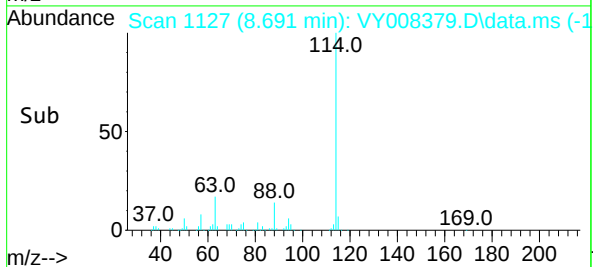
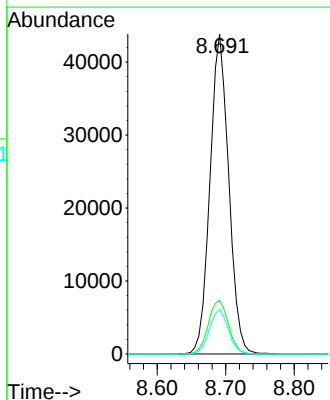
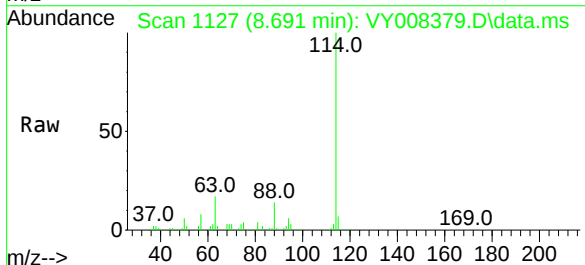
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	99.4

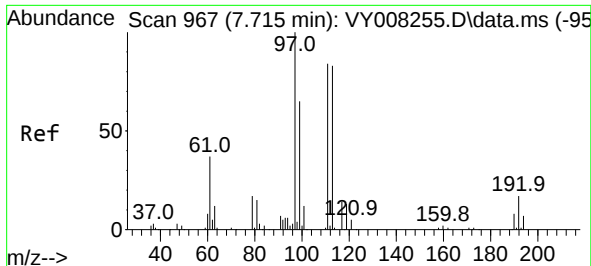


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008379.D
 Acq: 18 Apr 2022 17:29

Tgt Ion: 114 Resp: 83067

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	43.2
88	14.1	0.0	31.8

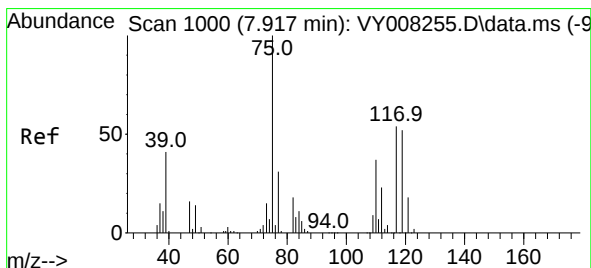
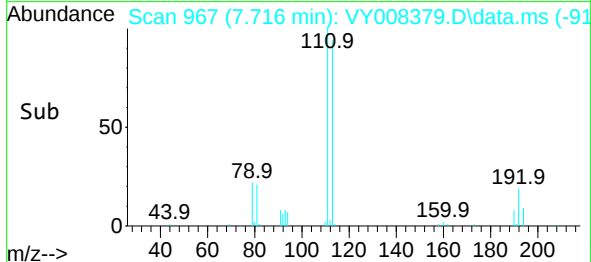
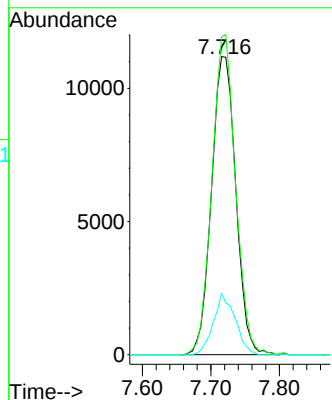
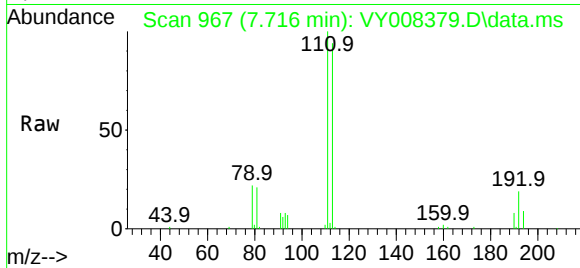




#35
Dibromofluoromethane
Concen: 57.389 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

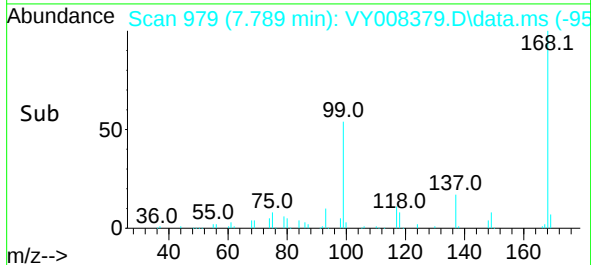
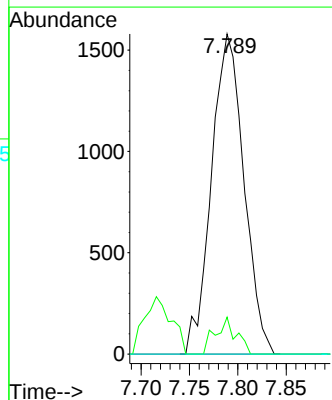
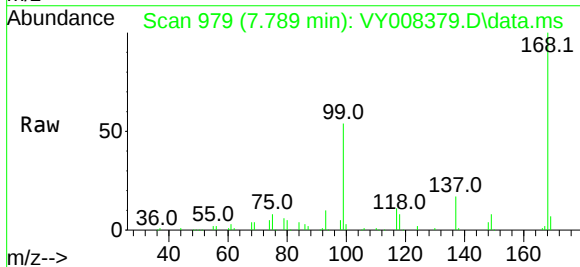
Instrument :
MSVOA_Y
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SB-5

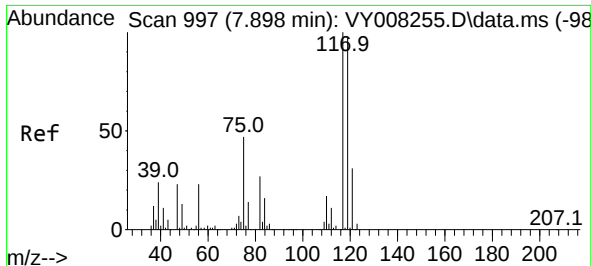
Tgt Ion:113 Resp: 27534
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 18.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.812 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

Tgt Ion: 75 Resp: 3687
Ion Ratio Lower Upper
75 100
110 7.3 17.1 51.2#
77 0.0 24.4 36.6#

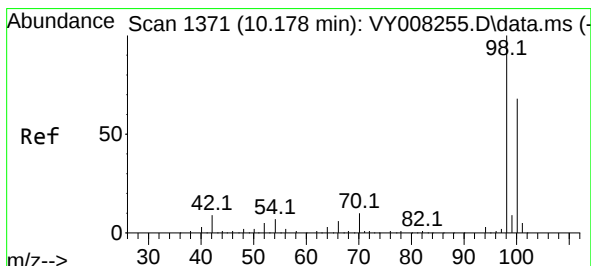
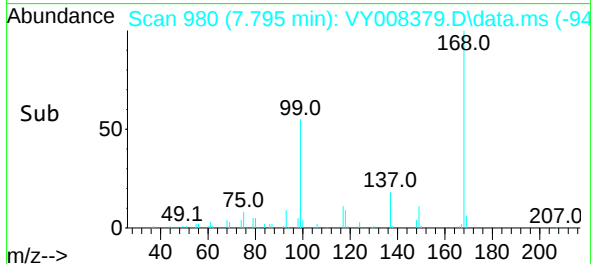
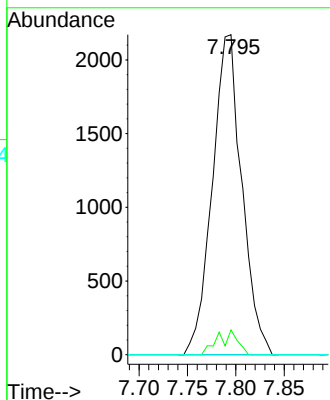
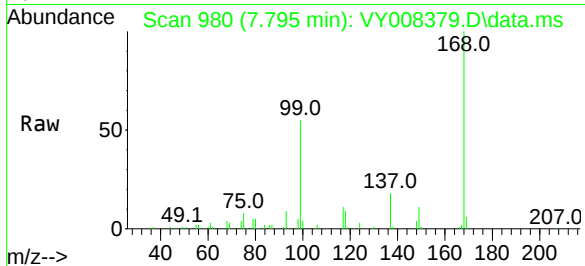




#38
Carbon Tetrachloride
Concen: 5.583 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

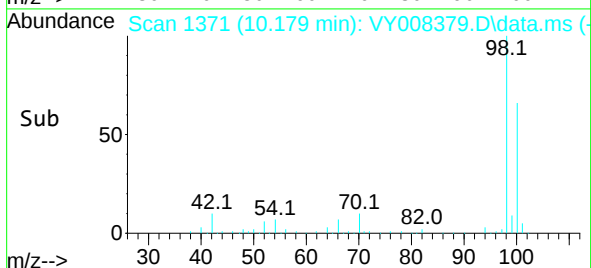
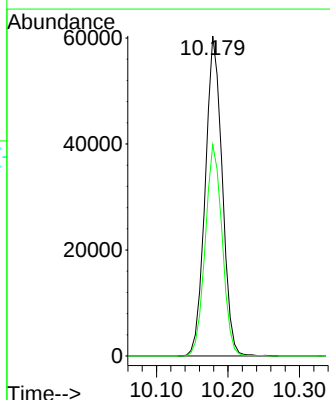
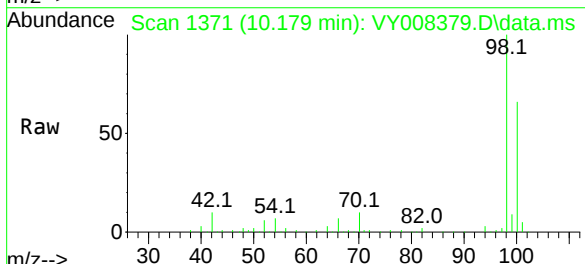
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

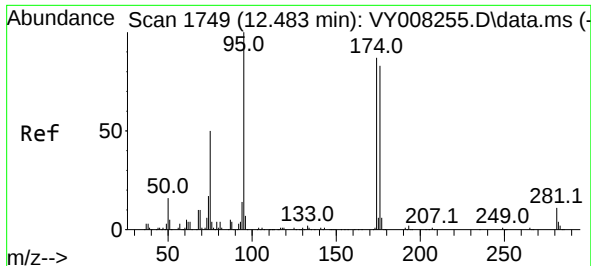
Tgt Ion:117 Resp: 4602
Ion Ratio Lower Upper
117 100
119 7.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 60.452 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

Tgt Ion: 98 Resp: 99245
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 55.327 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008379.D

Acq: 18 Apr 2022 17:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-5

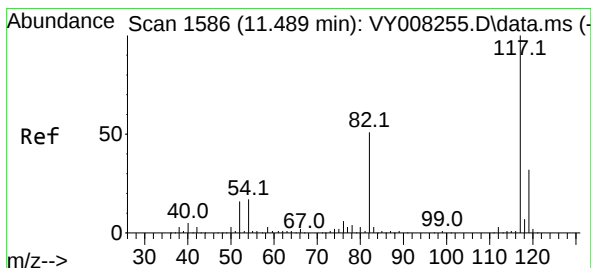
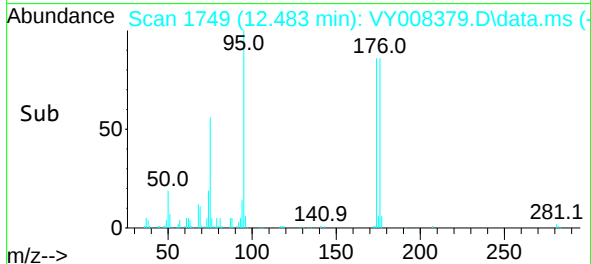
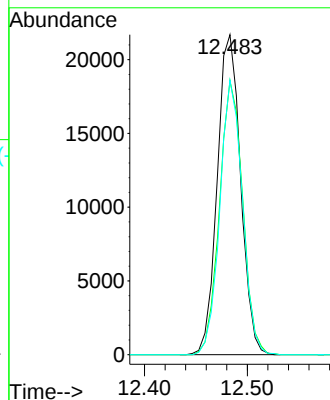
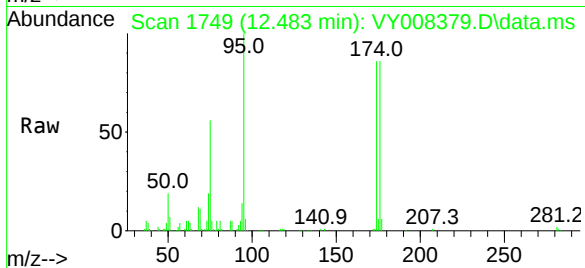
Tgt Ion: 95 Resp: 34164

Ion Ratio Lower Upper

95 100

174 85.0 0.0 177.0

176 82.8 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: VY008379.D

Acq: 18 Apr 2022 17:29

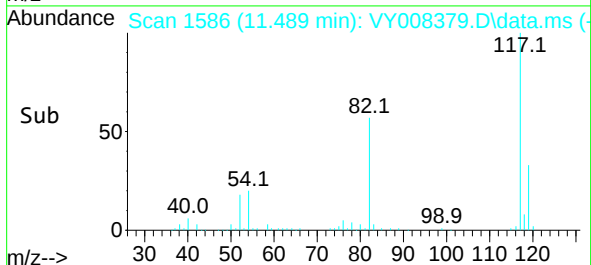
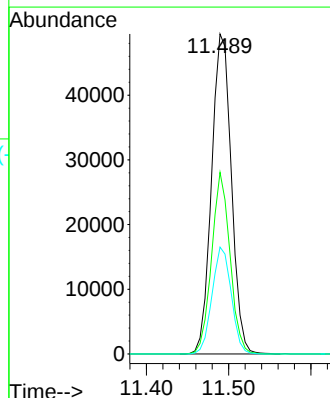
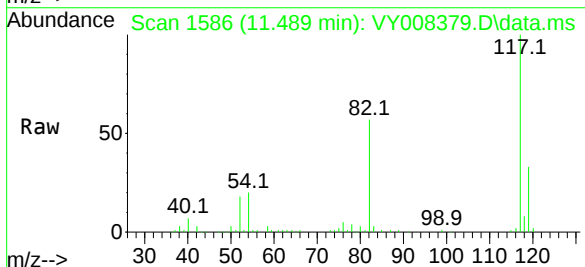
Tgt Ion: 117 Resp: 82704

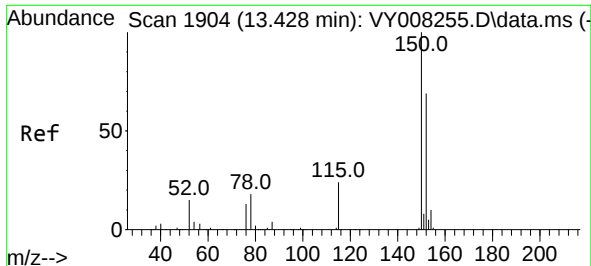
Ion Ratio Lower Upper

117 100

82 56.8 43.0 64.4

119 33.4 25.4 38.0

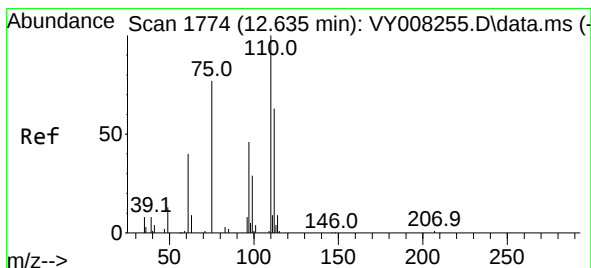
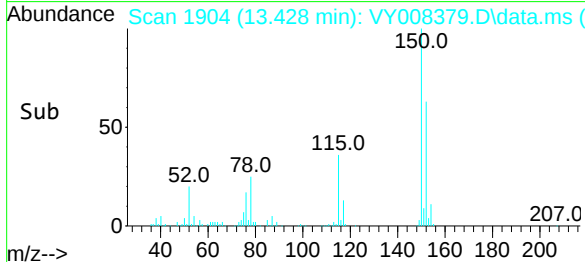
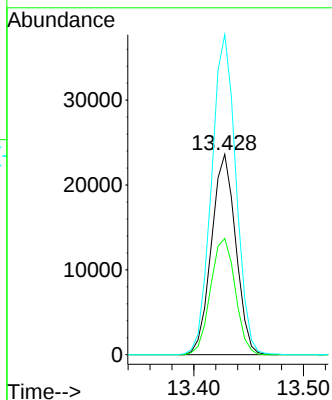
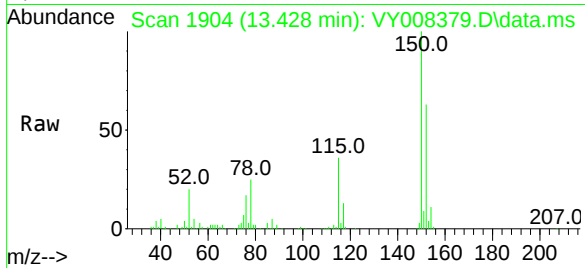




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008379.D
 Acq: 18 Apr 2022 17:29

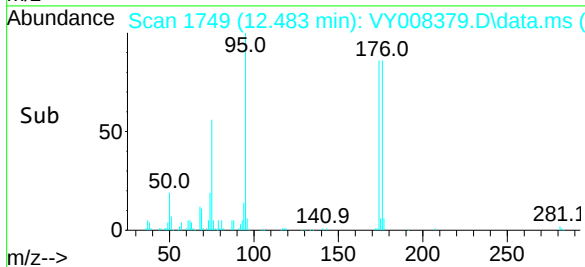
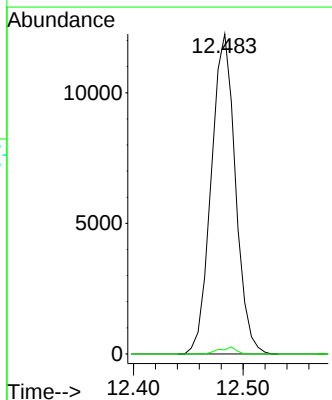
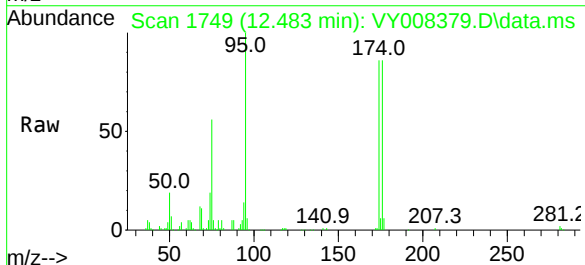
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

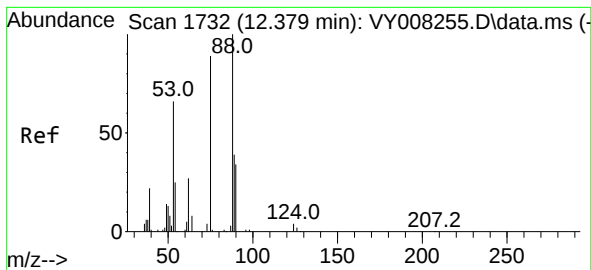
Tgt Ion:152 Resp: 36390
 Ion Ratio Lower Upper
 152 100
 115 58.8 28.2 84.7
 150 160.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.677 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008379.D
 Acq: 18 Apr 2022 17:29

Tgt Ion: 75 Resp: 18786
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.439 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008379.D
 Acq: 18 Apr 2022 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

Tgt Ion: 75 Resp: 18786
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

