

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008193.D
 Acq On : 04 Apr 2022 20:10
 Operator : SY/MD
 Sample : N2237-05
 Misc : 6.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 05 04:44:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

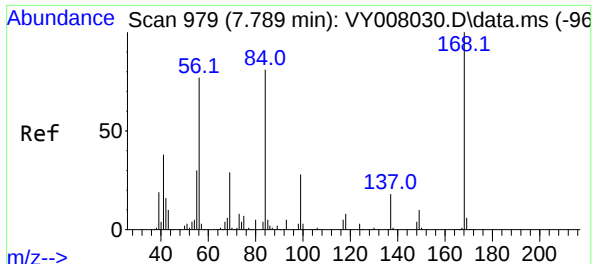
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	116026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	146732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	32280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67373	57.876	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.760%			
35) Dibromofluoromethane	7.716	113	65678	51.548	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.100%			
50) Toluene-d8	10.179	98	238835	49.755	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.520%			
62) 4-Bromofluorobenzene	12.483	95	47188	27.864	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 55.720%			
Target Compounds						Qvalue
16) Acetone	3.948	43	397	1.492	ug/l #	36
18) Methyl Acetate	4.485	43	1144	Below Cal	#	89
20) Methylene Chloride	4.716	84	9221	2.328	ug/l #	75
31) Cyclohexane	7.789	56	2367	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8684	4.339	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11929	5.469	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	931	1.006	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	28682	72.890	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28682	162.630	ug/l #	10

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

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Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

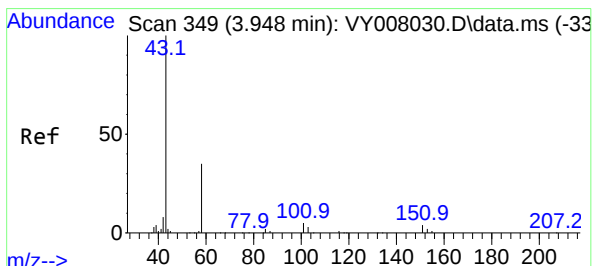
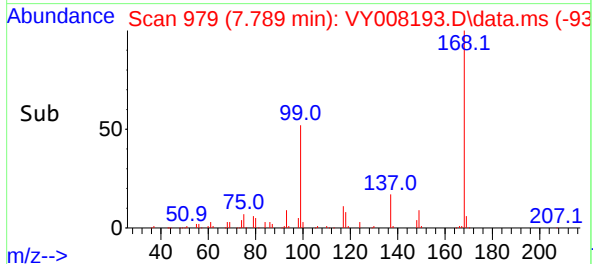
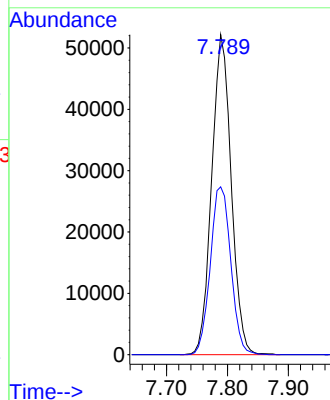
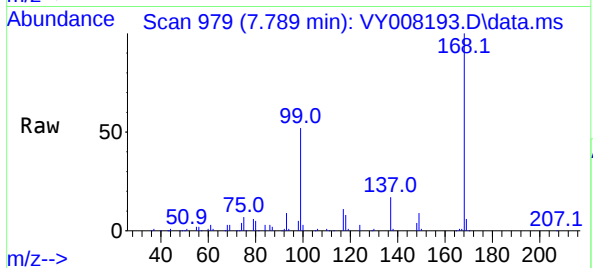




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008193.D
Acq: 04 Apr 2022 20:10

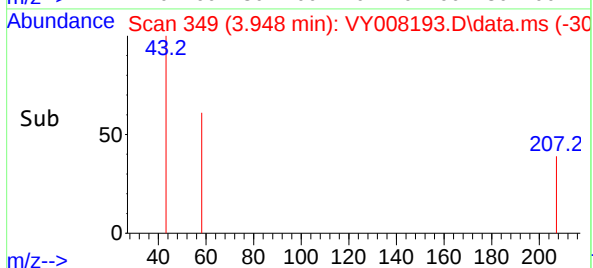
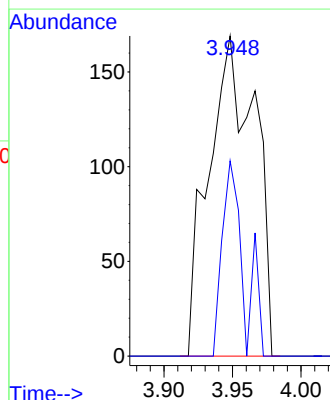
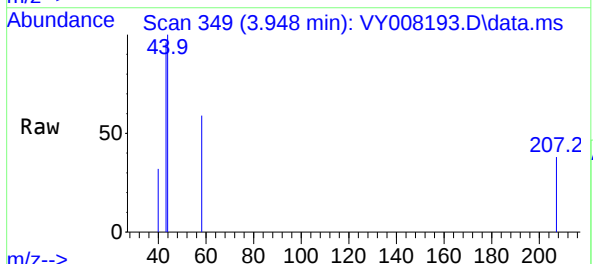
Instrument :
MSVOA_Y
ClientSampleId :

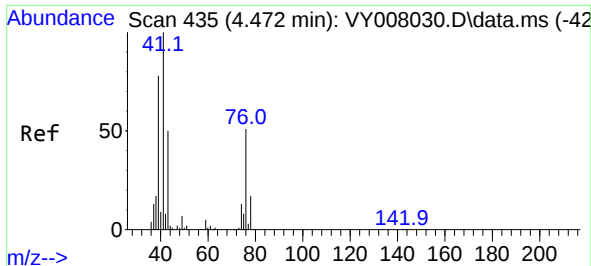
Tgt Ion:168 Resp: 116026
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#16
Acetone
Concen: 1.492 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008193.D
Acq: 04 Apr 2022 20:10

Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
58 60.9 22.0 33.0#

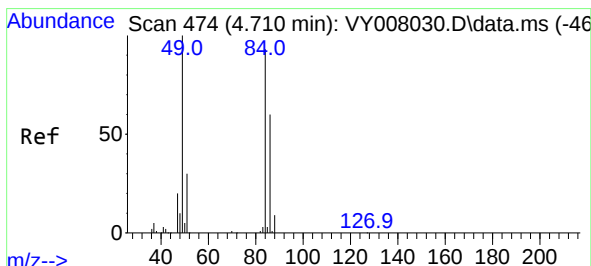
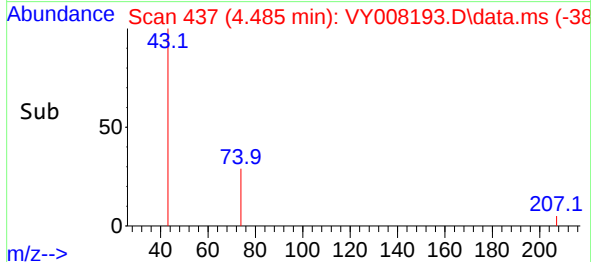
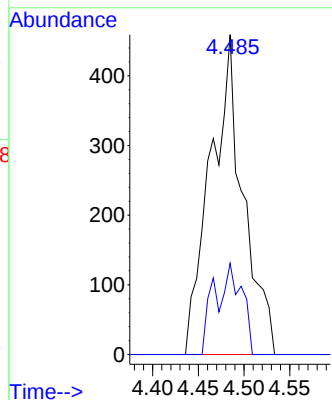
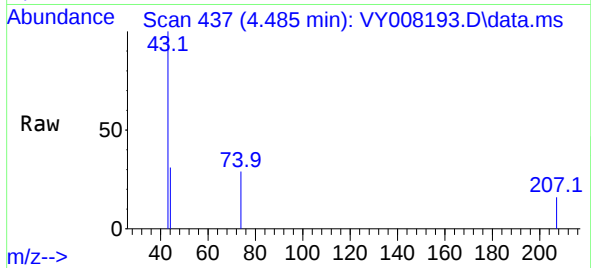




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY008193.D
Acq: 04 Apr 2022 20:10

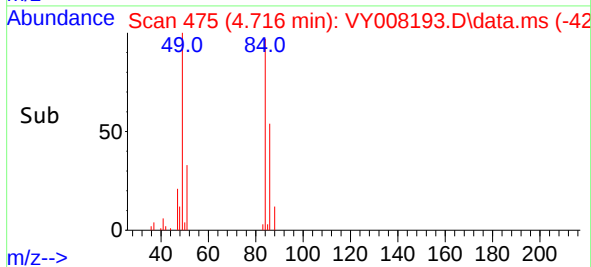
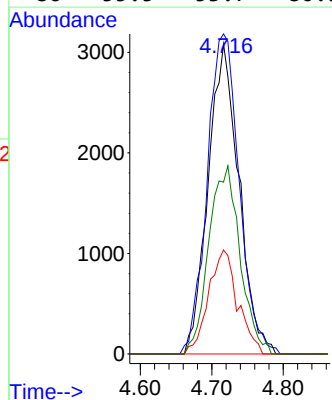
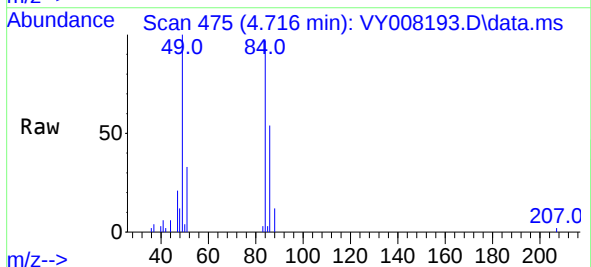
Instrument :
MSVOA_Y
ClientSampleId :

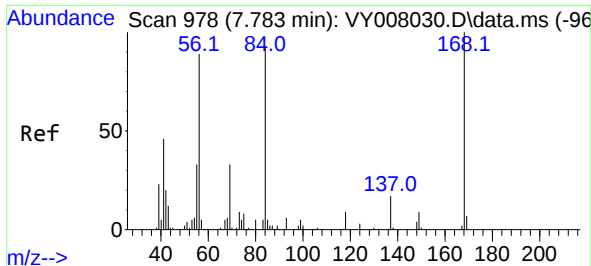
Tgt Ion: 43 Resp: 1144
Ion Ratio Lower Upper
43 100
74 15.5 16.6 24.8#



#20
Methylene Chloride
Concen: 2.328 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008193.D
Acq: 04 Apr 2022 20:10

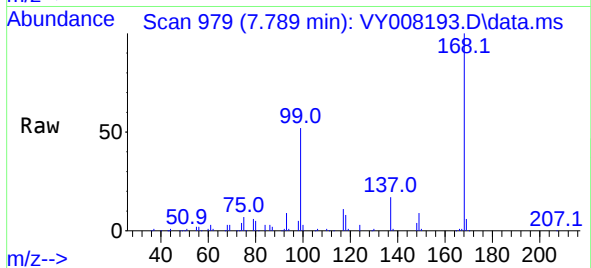
Tgt Ion: 84 Resp: 9221
Ion Ratio Lower Upper
84 100
49 103.2 114.4 171.6#
51 33.6 35.3 52.9#
86 55.5 53.7 80.5



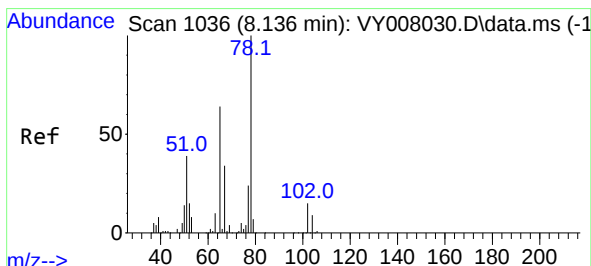
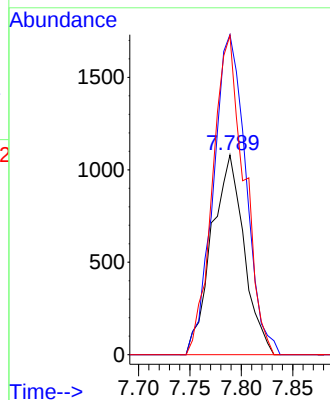
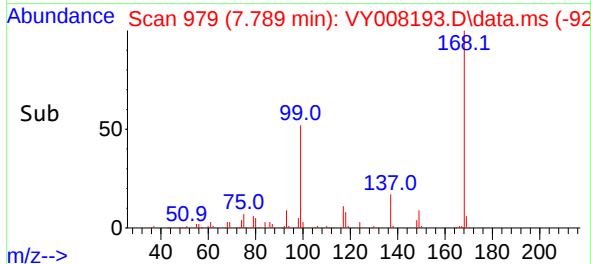


#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008193.D
Acq: 04 Apr 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :

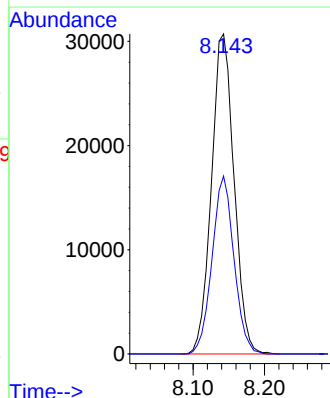
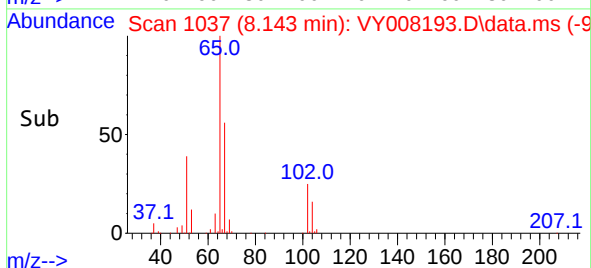
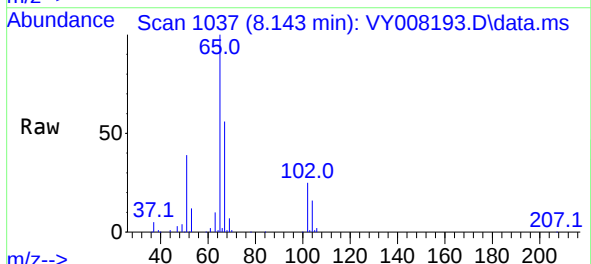


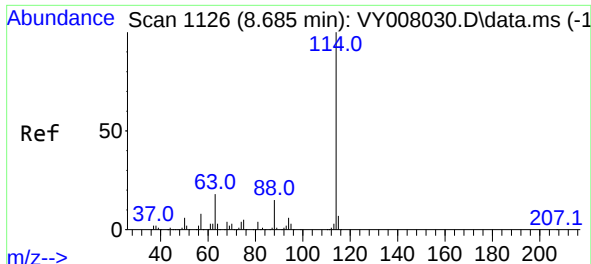
Tgt Ion: 56 Resp: 2367
Ion Ratio Lower Upper
56 100
69 160.3 26.7 40.1#
84 159.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.876 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008193.D
Acq: 04 Apr 2022 20:10

Tgt Ion: 65 Resp: 67373
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008193.D

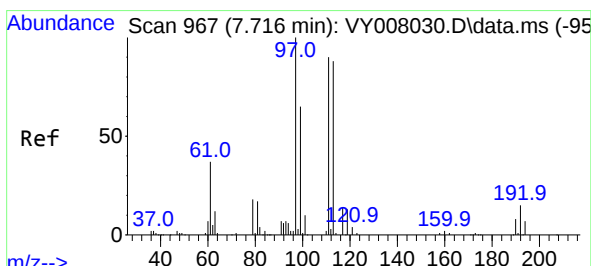
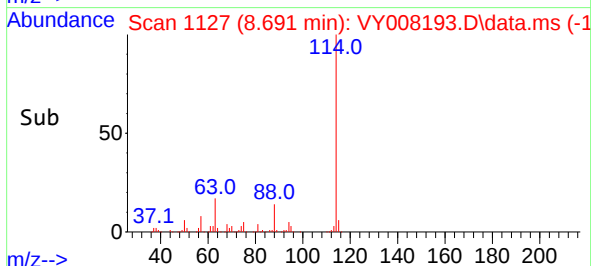
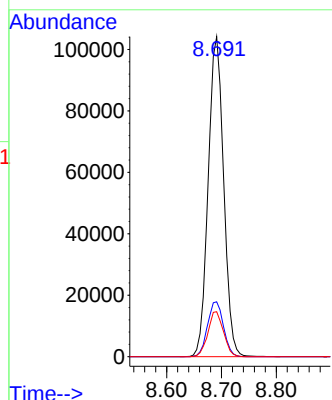
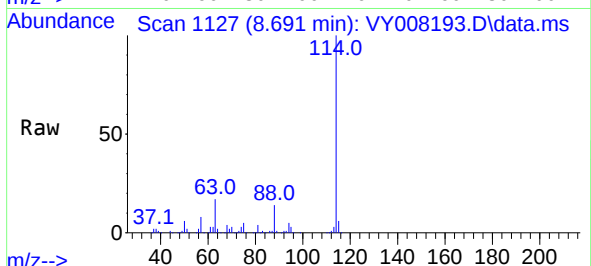
Acq: 04 Apr 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	203215
Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	43.2
88	14.1	0.0	31.8



#35

Dibromofluoromethane

Concen: 51.548 ug/l

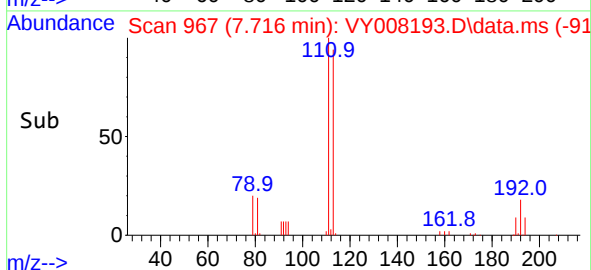
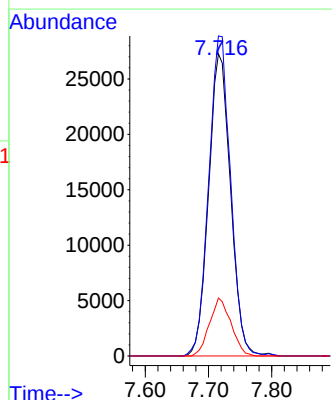
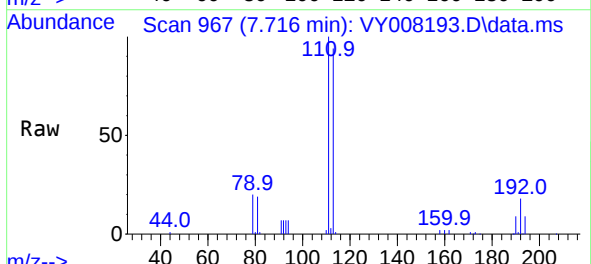
RT: 7.716 min Scan# 967

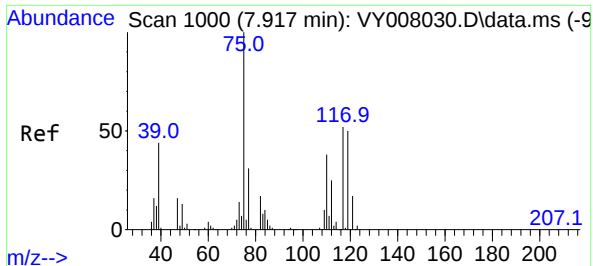
Delta R.T. -0.000 min

Lab File: VY008193.D

Acq: 04 Apr 2022 20:10

Tgt Ion:	113	Resp:	65678
Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.6	124.0
192	18.8	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.339 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

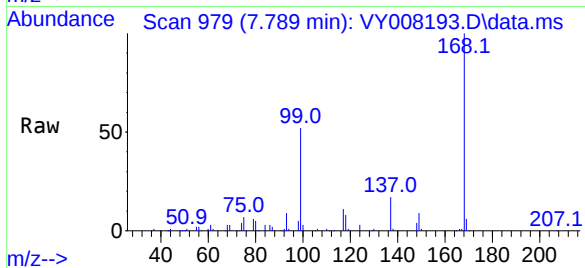
Lab File: VY008193.D

Acq: 04 Apr 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :



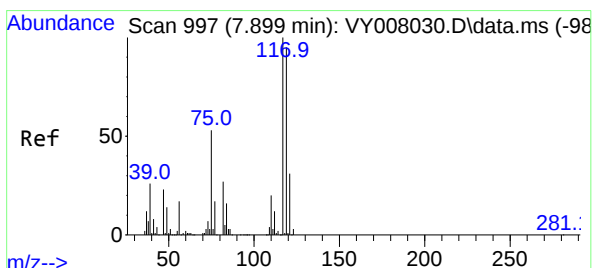
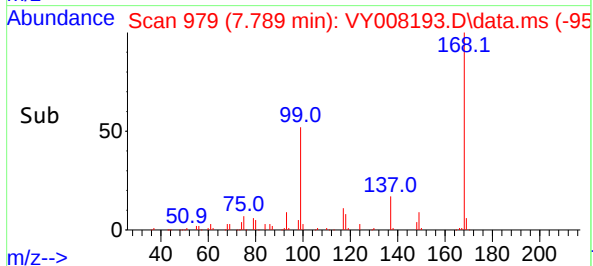
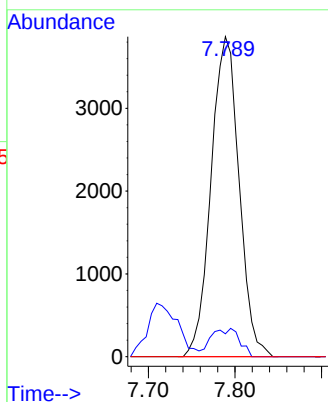
Tgt Ion: 75 Resp: 8684

Ion Ratio Lower Upper

75 100

110 8.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.469 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008193.D

Acq: 04 Apr 2022 20:10

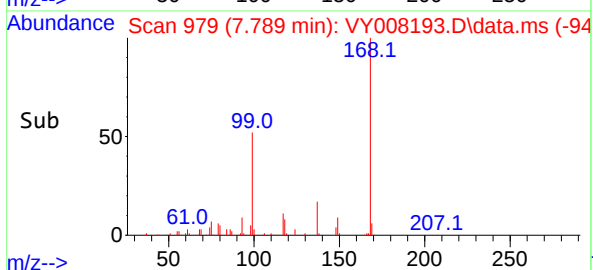
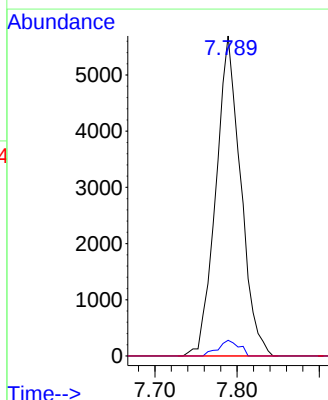
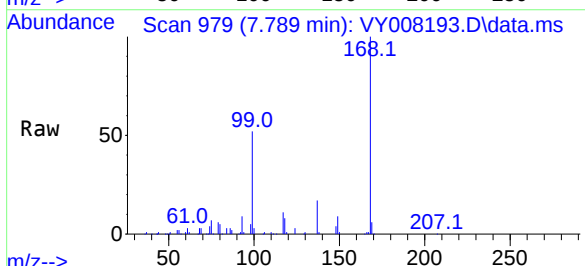
Tgt Ion: 117 Resp: 11929

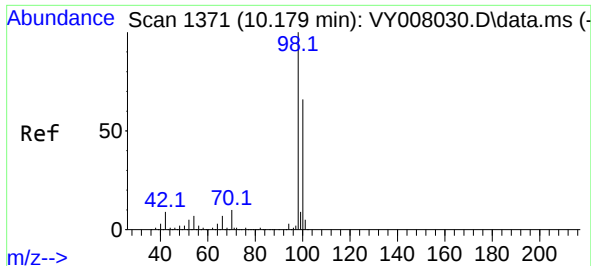
Ion Ratio Lower Upper

117 100

119 4.9 77.9 116.9#

121 0.0 24.8 37.2#

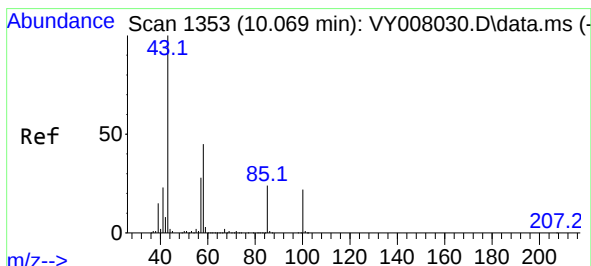
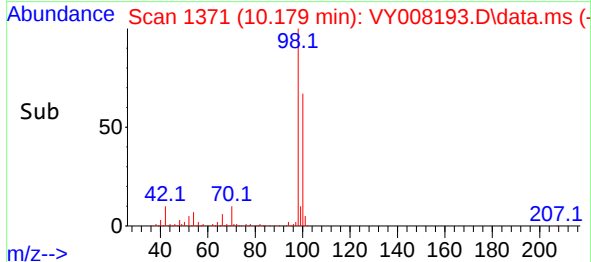
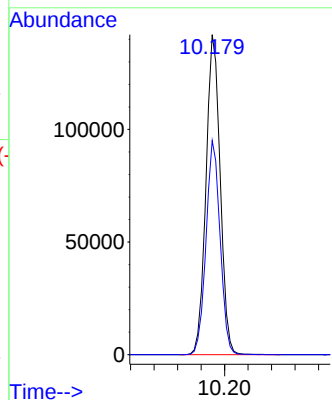
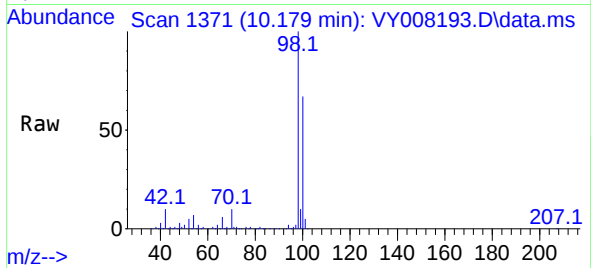




#50
Toluene-d8
Concen: 49.755 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008193.D
Acq: 04 Apr 2022 20:10

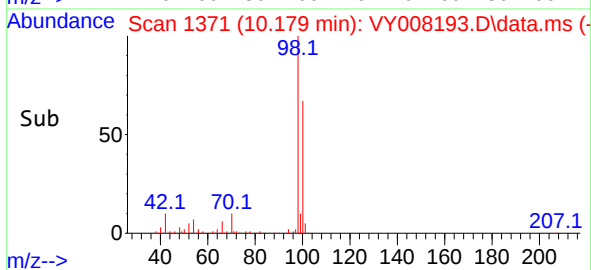
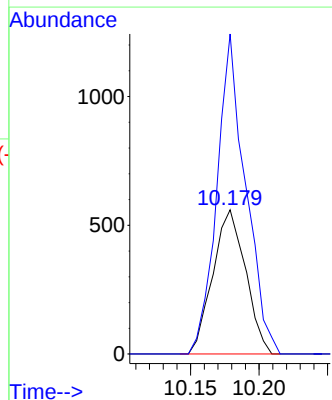
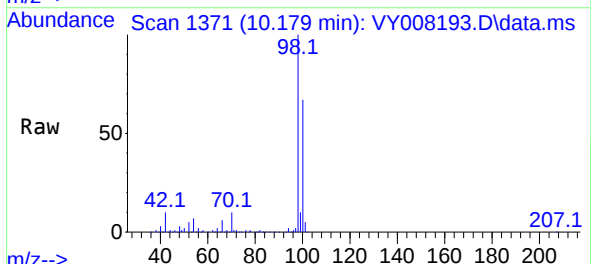
Instrument :
MSVOA_Y
ClientSampleId :

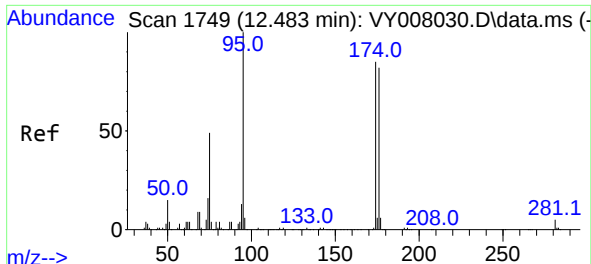
Tgt Ion: 98 Resp: 238835
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.006 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY008193.D
Acq: 04 Apr 2022 20:10

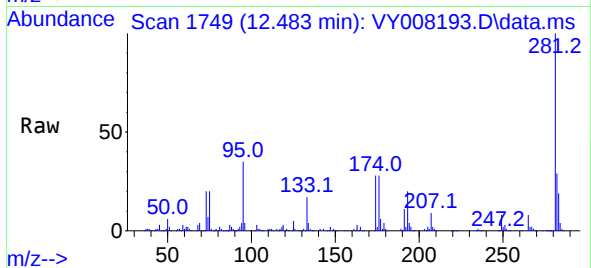
Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
58 195.0 28.1 42.1#



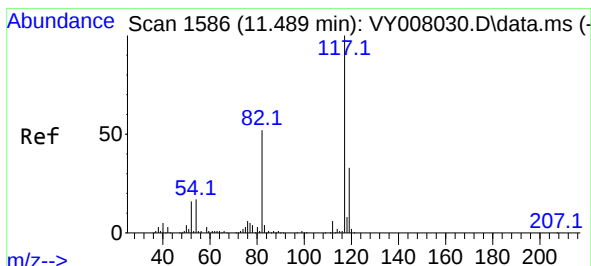
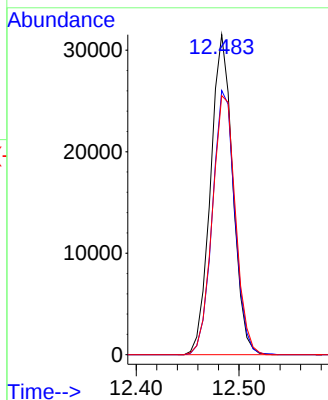
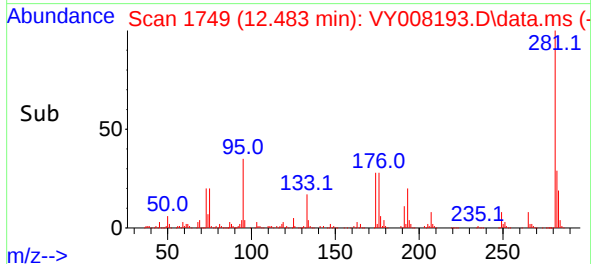


#62
4-Bromofluorobenzene
Concen: 27.864 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008193.D
Acq: 04 Apr 2022 20:10

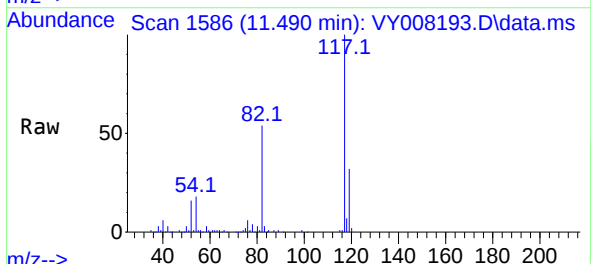
Instrument :
MSVOA_Y
ClientSampleId :



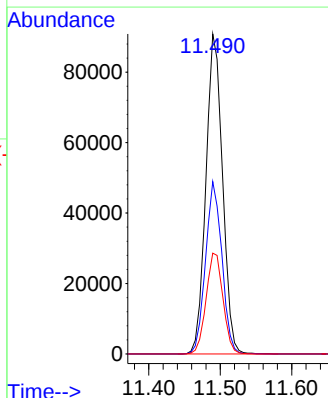
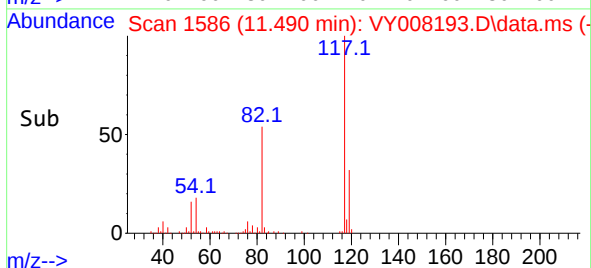
Tgt Ion: 95 Resp: 47188
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 84.6 0.0 175.8

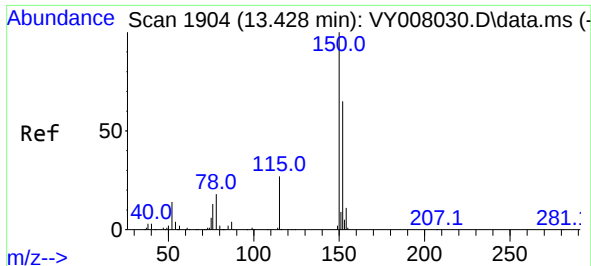


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008193.D
Acq: 04 Apr 2022 20:10



Tgt Ion: 117 Resp: 146732
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.5 25.4 38.0

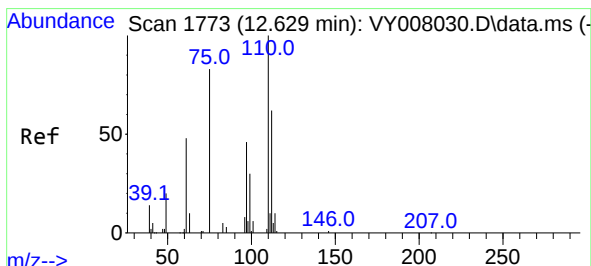
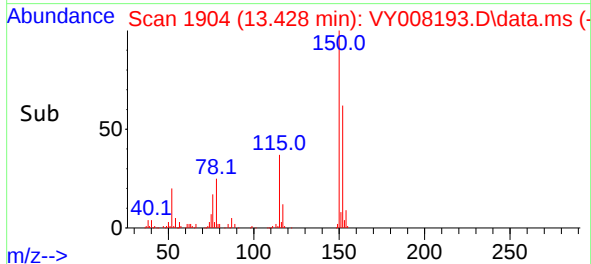
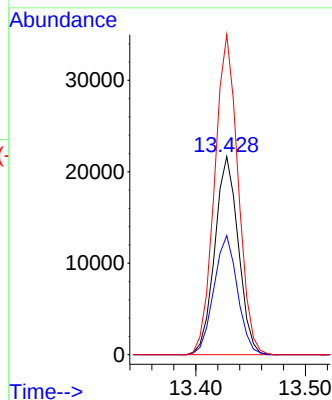
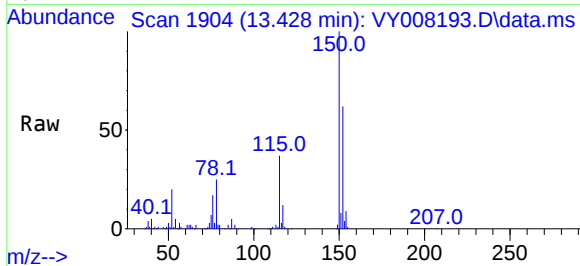




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY008193.D
 Acq: 04 Apr 2022 20:10

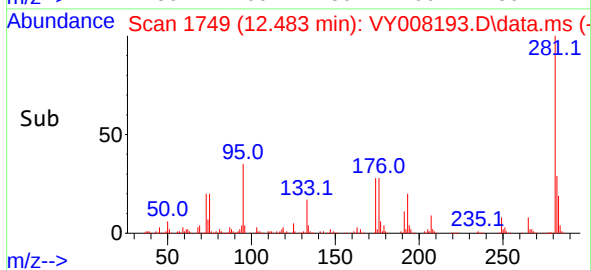
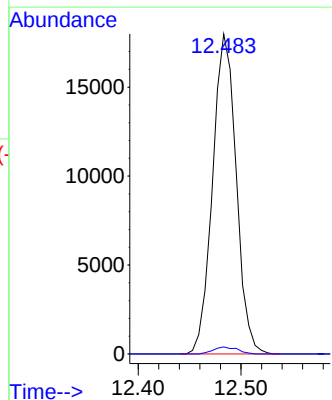
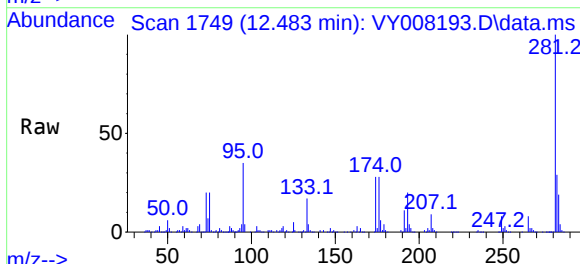
Instrument :
 MSVOA_Y
 ClientSampleId :

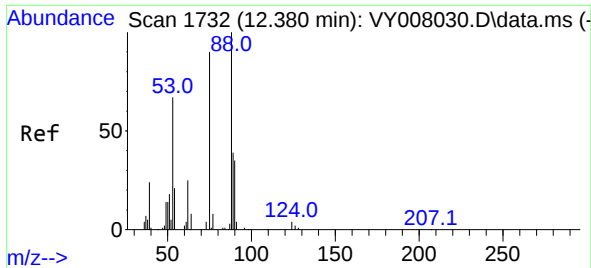
Tgt Ion:152 Resp: 32280
 Ion Ratio Lower Upper
 152 100
 115 60.5 28.2 84.7
 150 161.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 72.890 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008193.D
 Acq: 04 Apr 2022 20:10

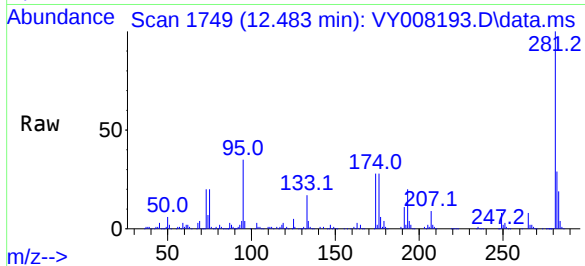
Tgt Ion: 75 Resp: 28682
 Ion Ratio Lower Upper
 75 100
 77 2.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 162.630 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008193.D
 Acq: 04 Apr 2022 20:10

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 28682
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 5.4 37.0 55.4#

