

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007700.D
 Acq On : 03 Mar 2022 13:34
 Operator : SY/MD
 Sample : N1726-05
 Misc : 6.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 332

Quant Time: Mar 04 00:41:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

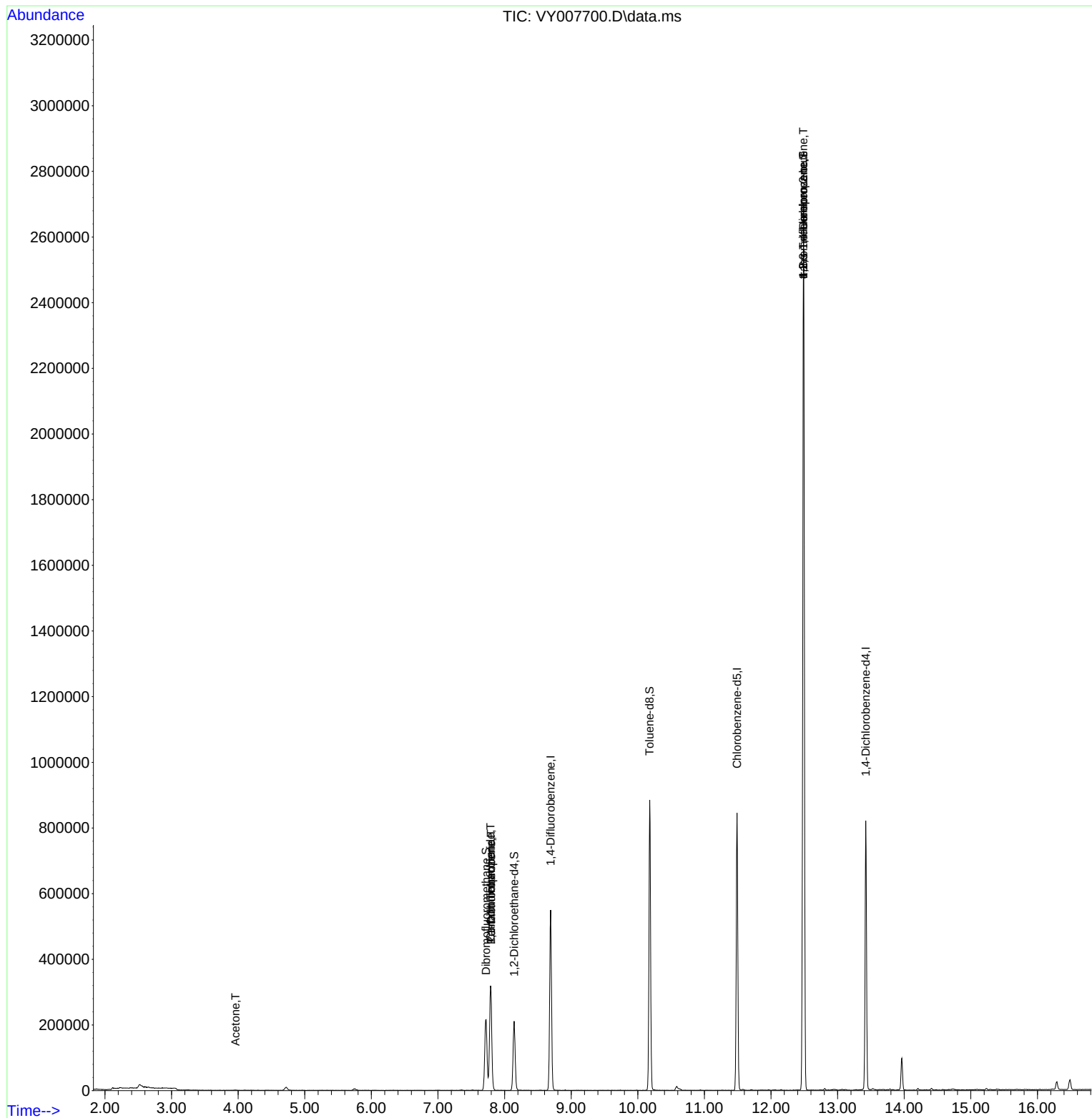
Internal Standards						
1) Pentafluorobenzene	7.795	168	251801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	459272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	447224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	200514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	156214	59.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.520%	
35) Dibromofluoromethane	7.722	113	153734	52.357	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.720%	
50) Toluene-d8	10.179	98	569864	52.723	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.440%	
62) 4-Bromofluorobenzene	12.483	95	196501	56.400	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	74	Below Cal	#	43
3) Chloromethane	2.113	50	2526	Below Cal		92
13) Acrolein	3.723	56	19	Below Cal	#	14
16) Acetone	3.960	43	1568	2.924	ug/l #	70
17) Carbon Disulfide	4.186	76	161	Below Cal	#	75
18) Methyl Acetate	4.485	43	750	Below Cal	#	62
20) Methylene Chloride	4.729	84	6969	Below Cal	#	67
31) Cyclohexane	7.789	56	5965	Below Cal	#	21
36) 1,1-Dichloropropene	7.795	75	19391	4.198	ug/l #	52
38) Carbon Tetrachloride	7.789	117	25079	5.090	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	123356	55.088	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	123356	112.620	ug/l #	9

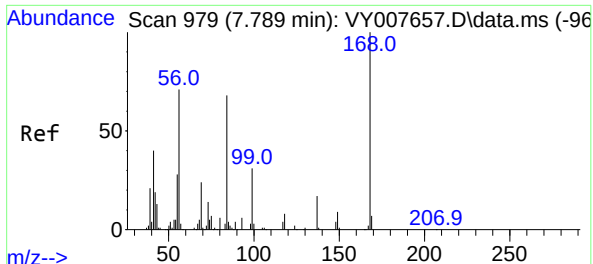
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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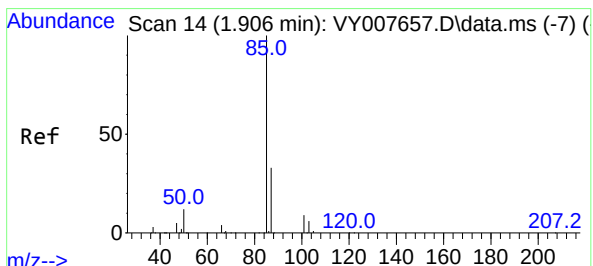
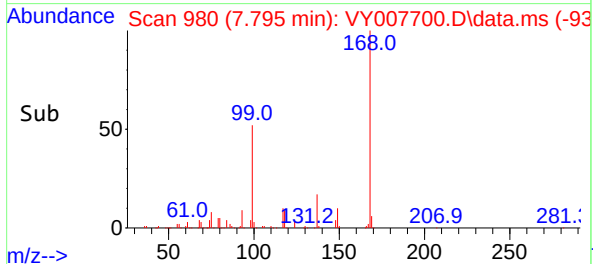
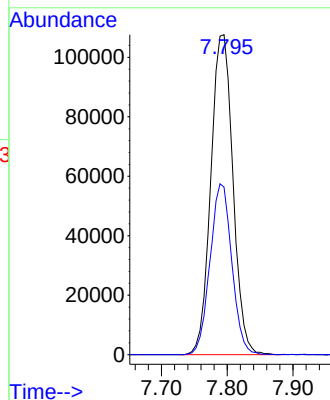
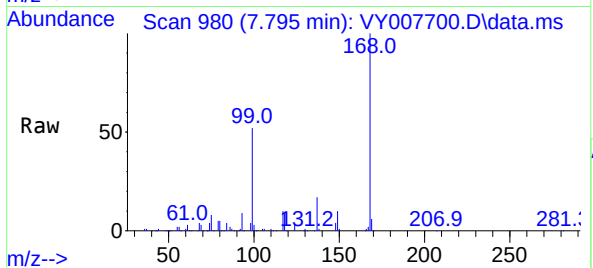




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007700.D
Acq: 03 Mar 2022 13:34

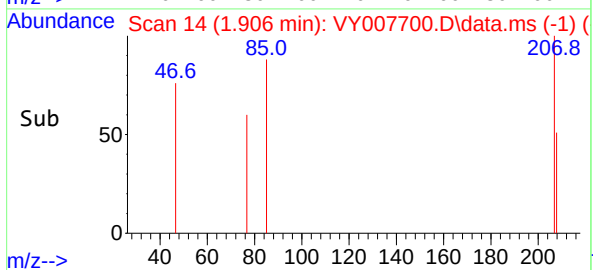
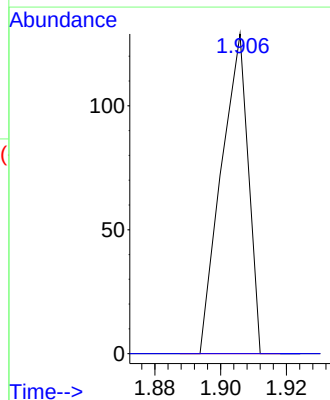
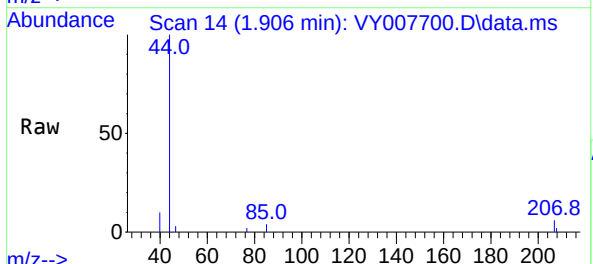
Instrument :
MSVOA_Y
ClientSampleId :
332

Tgt Ion:168 Resp: 251801
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3

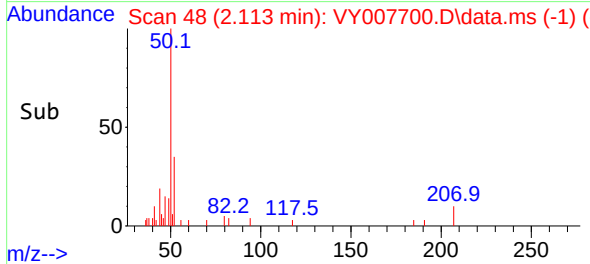
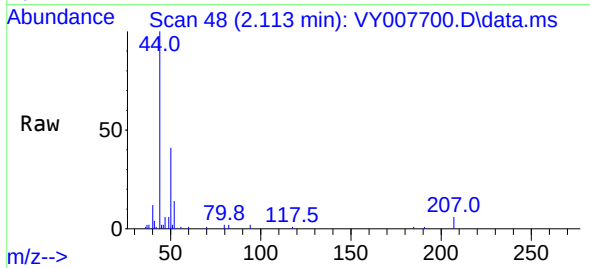
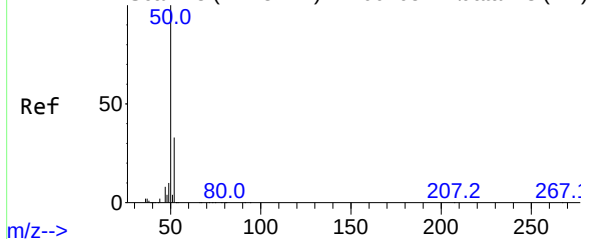


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007700.D
Acq: 03 Mar 2022 13:34

Tgt Ion: 85 Resp: 74
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007700.D

Acq: 03 Mar 2022 13:34

Instrument :

MSVOA_Y

ClientSampleId :

332

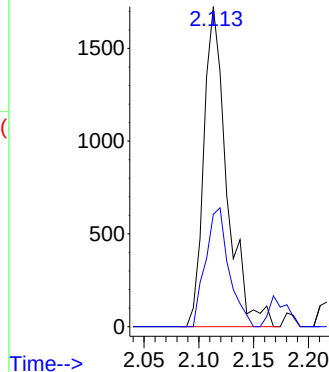
Tgt Ion: 50 Resp: 2526

Ion Ratio Lower Upper

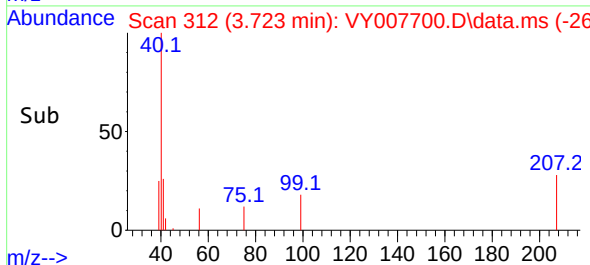
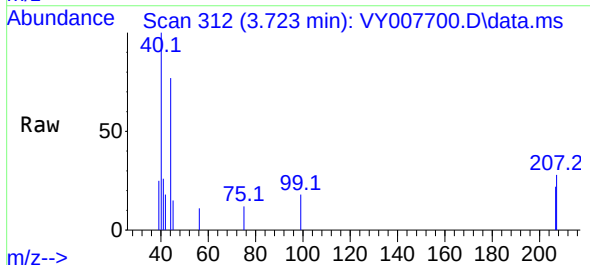
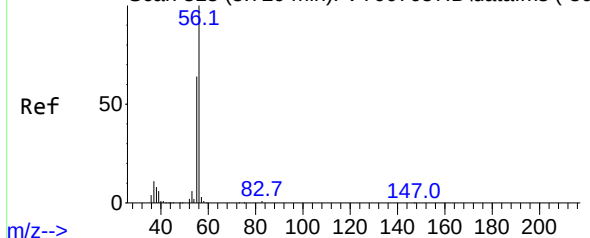
50 100

52 35.1 24.6 37.0

Abundance



Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)



#13

Acrolein

Concen: Below Cal

RT: 3.723 min Scan# 312

Delta R.T. -0.006 min

Lab File: VY007700.D

Acq: 03 Mar 2022 13:34

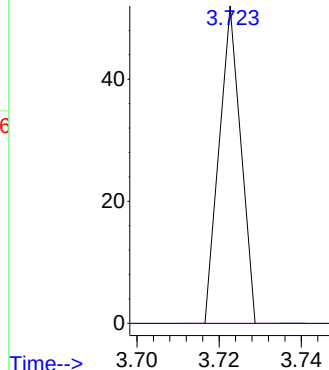
Tgt Ion: 56 Resp: 19

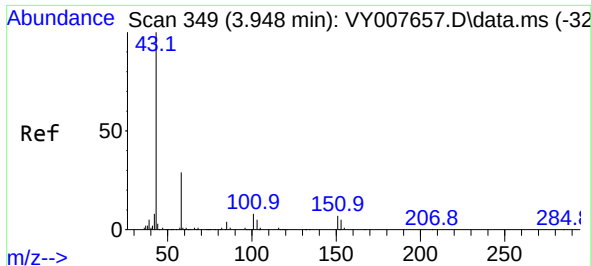
Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#

Abundance

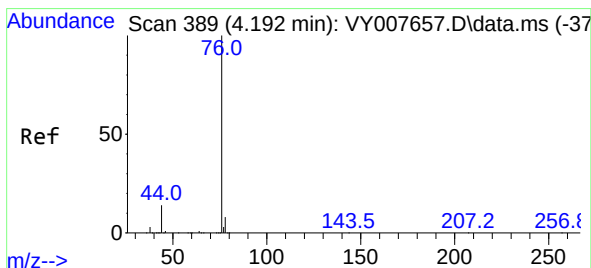
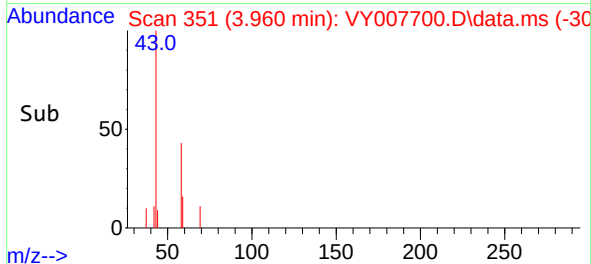
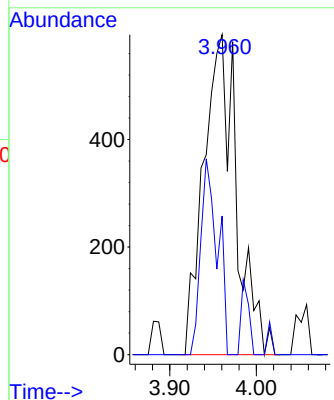
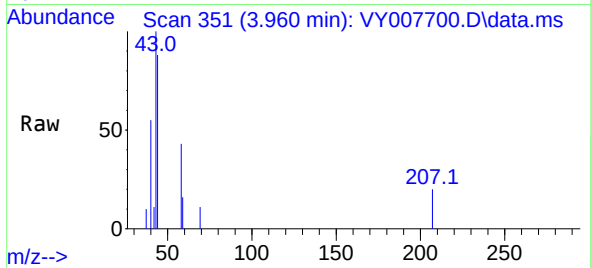




#16
Acetone
Concen: 2.924 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY007700.D
Acq: 03 Mar 2022 13:34

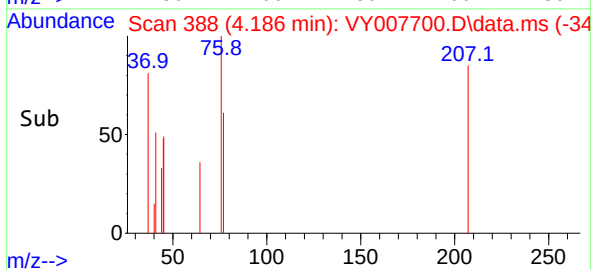
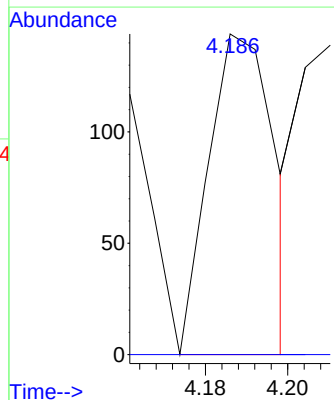
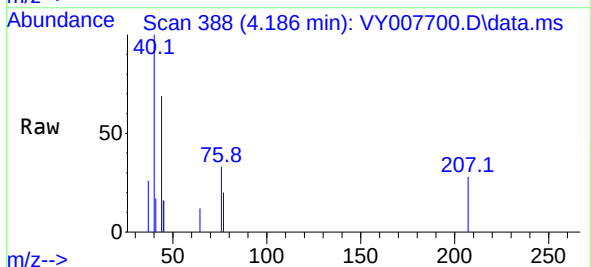
Instrument :
MSVOA_Y
ClientSampleId :
332

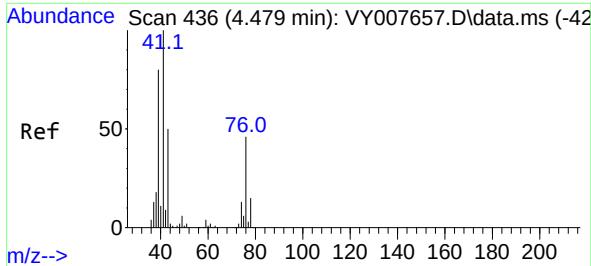
Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
58 43.4 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY007700.D
Acq: 03 Mar 2022 13:34

Tgt Ion: 76 Resp: 161
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

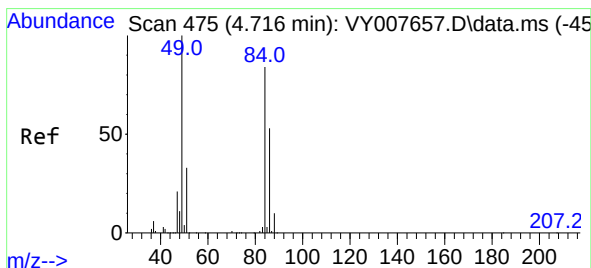
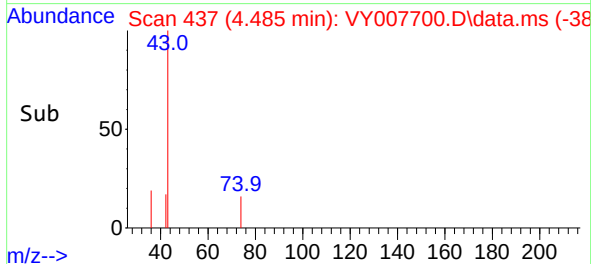
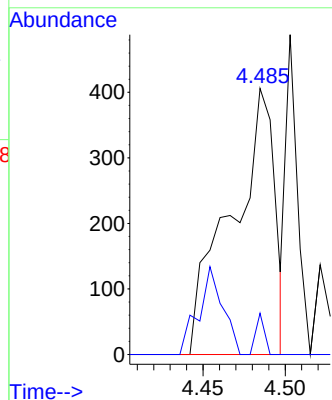
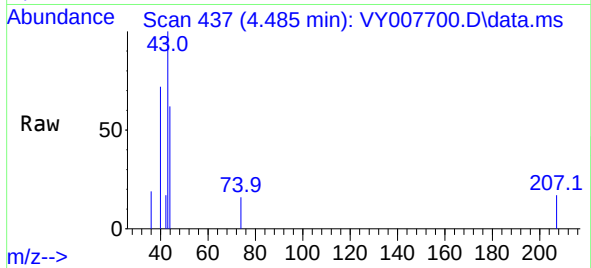




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007700.D
Acq: 03 Mar 2022 13:34

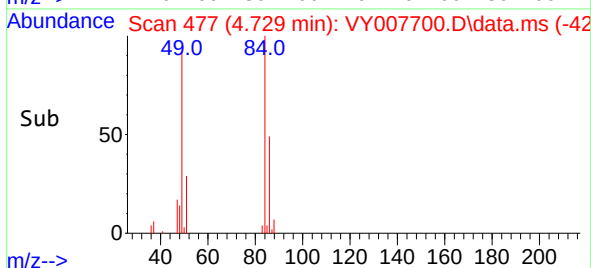
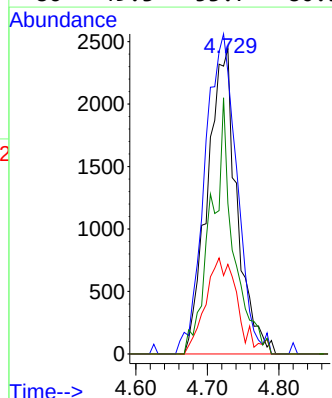
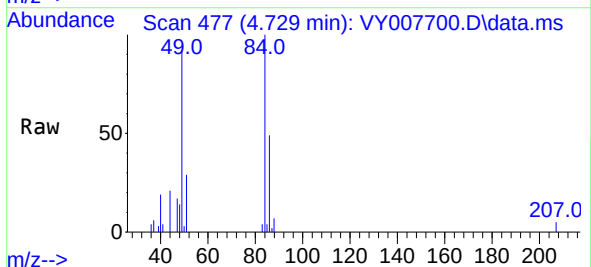
Instrument :
MSVOA_Y
ClientSampleId :
332

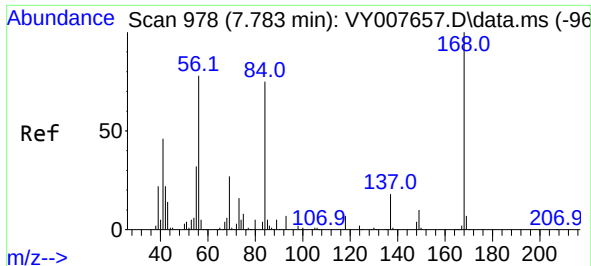
Tgt Ion: 43 Resp: 750
Ion Ratio Lower Upper
43 100
74 3.1 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY007700.D
Acq: 03 Mar 2022 13:34

Tgt Ion: 84 Resp: 6969
Ion Ratio Lower Upper
84 100
49 92.3 114.4 171.6#
51 29.3 35.3 52.9#
86 49.3 53.7 80.5#

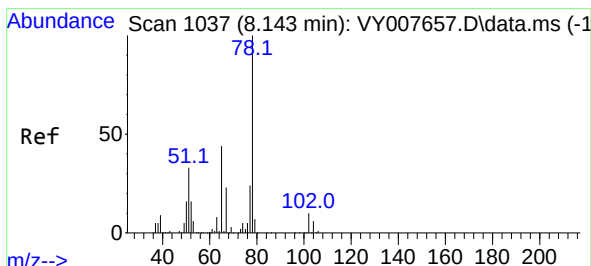
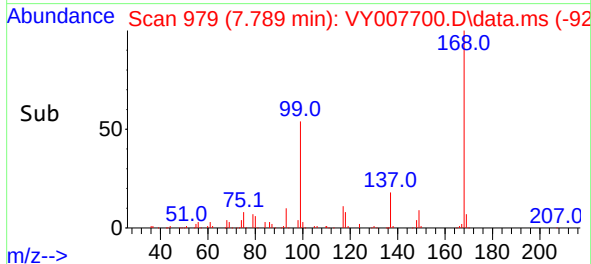
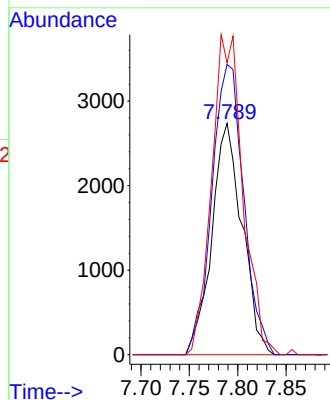
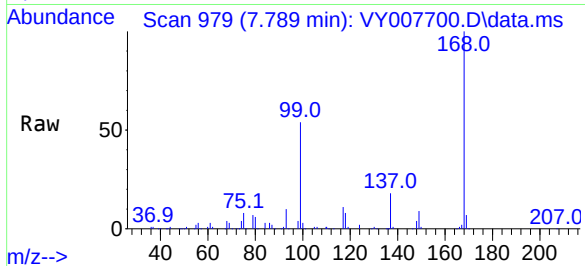




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007700.D
Acq: 03 Mar 2022 13:34

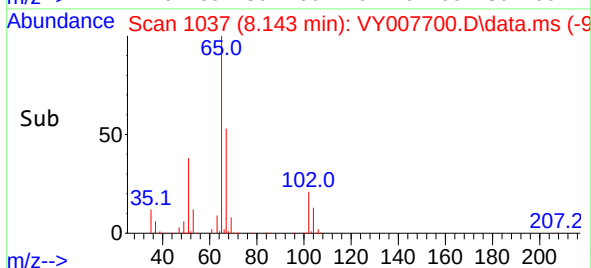
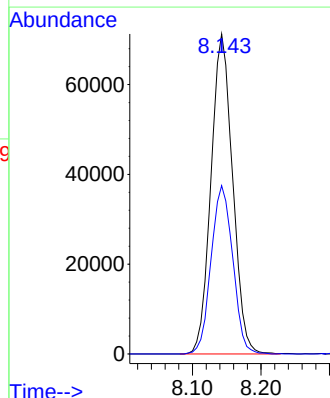
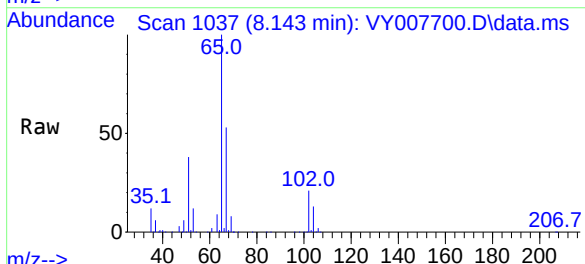
Instrument :
MSVOA_Y
ClientSampleId :
332

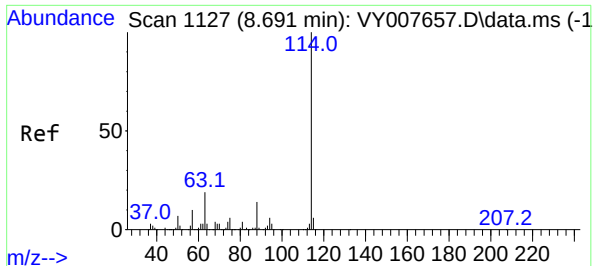
Tgt Ion: 56 Resp: 5965
Ion Ratio Lower Upper
56 100
69 125.5 26.7 40.1#
84 126.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.259 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007700.D
Acq: 03 Mar 2022 13:34

Tgt Ion: 65 Resp: 156214
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: VY007700.D

Acq: 03 Mar 2022 13:34

Instrument :

MSVOA_Y

ClientSampleId :

332

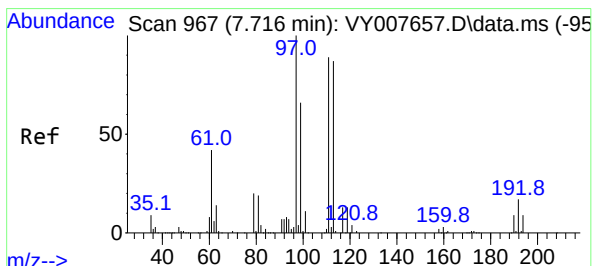
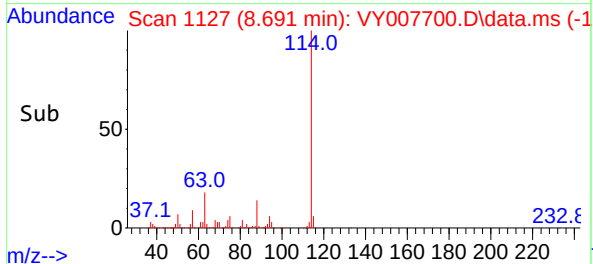
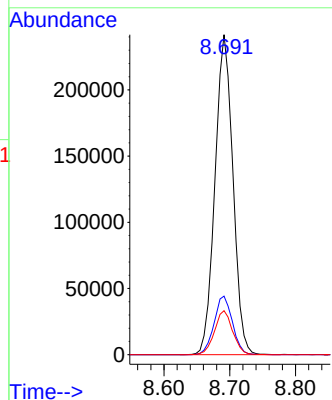
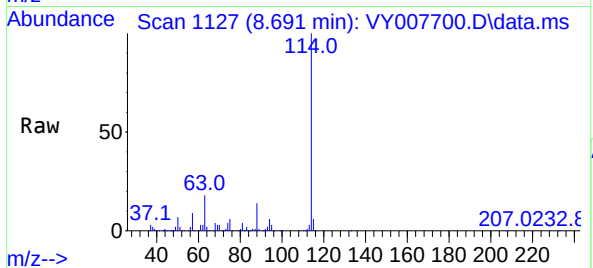
Tgt Ion:114 Resp: 459272

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.357 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007700.D

Acq: 03 Mar 2022 13:34

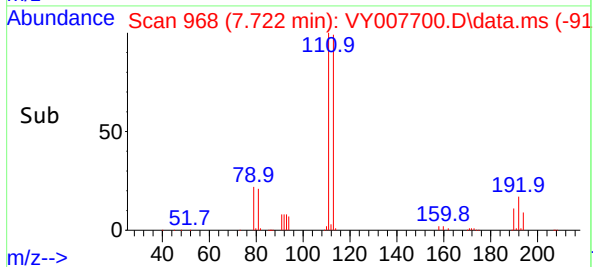
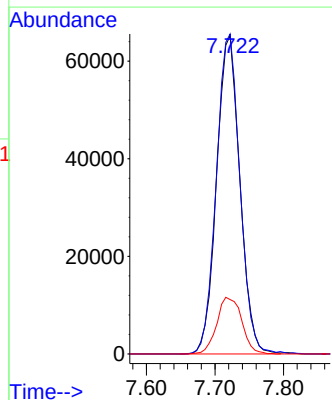
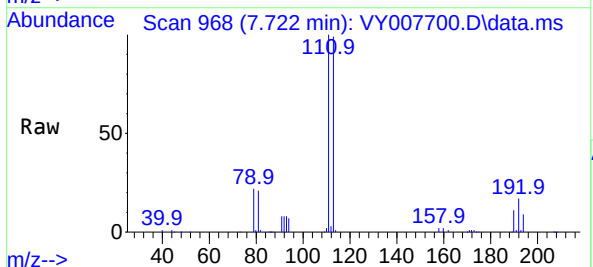
Tgt Ion:113 Resp: 153734

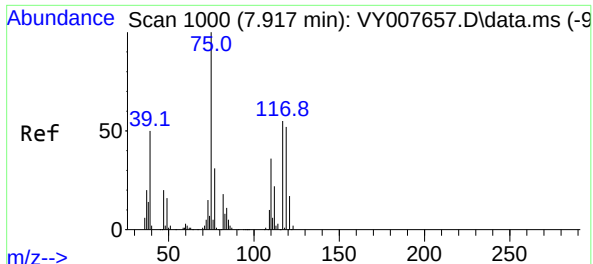
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 19.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.198 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY007700.D

Acq: 03 Mar 2022 13:34

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332

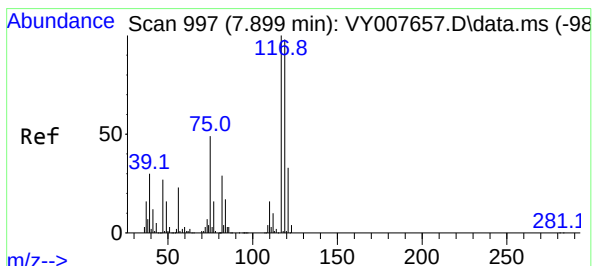
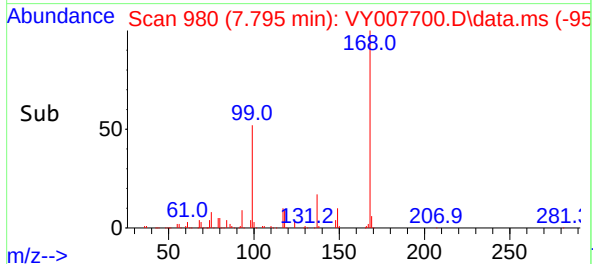
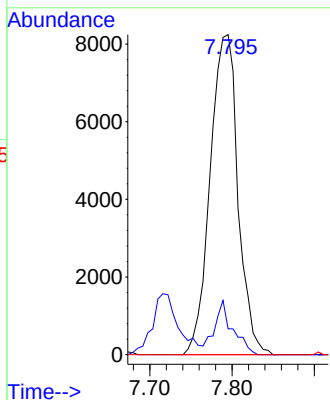
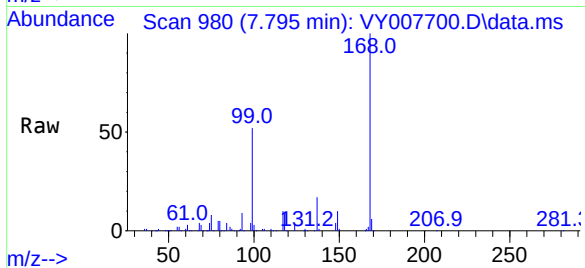
Tgt Ion: 75 Resp: 19391

Ion Ratio Lower Upper

75 100

110 11.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.090 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007700.D

Acq: 03 Mar 2022 13:34

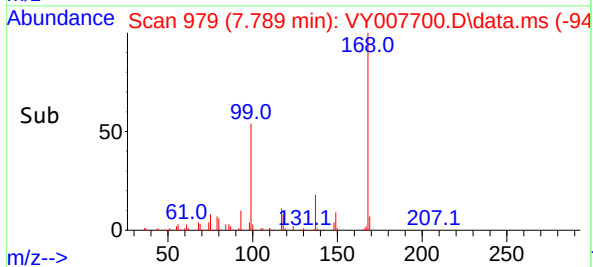
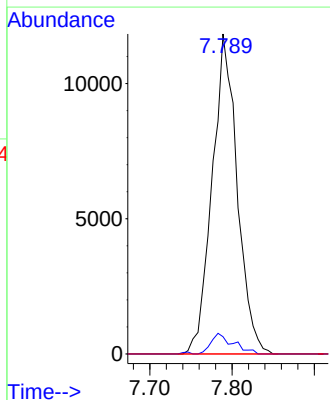
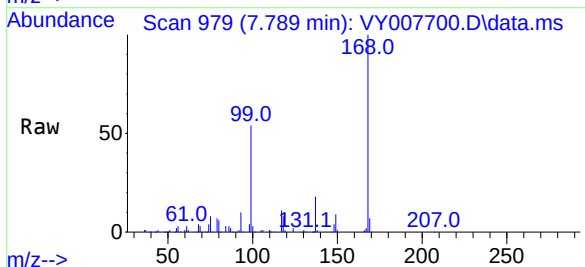
Tgt Ion: 117 Resp: 25079

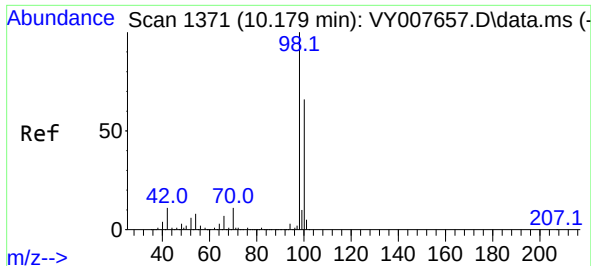
Ion Ratio Lower Upper

117 100

119 5.4 77.9 116.9#

121 0.0 24.8 37.2#

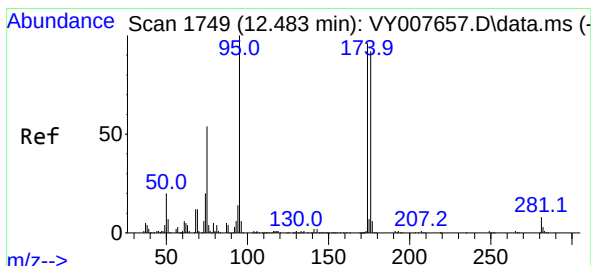
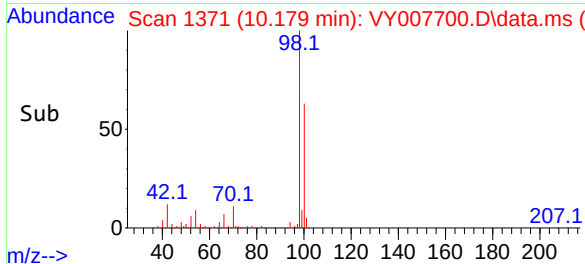
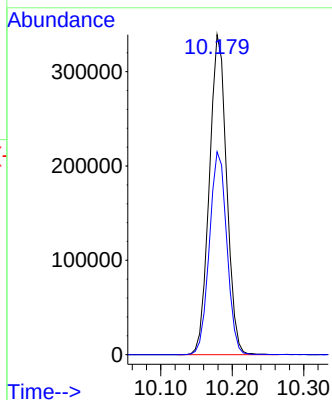
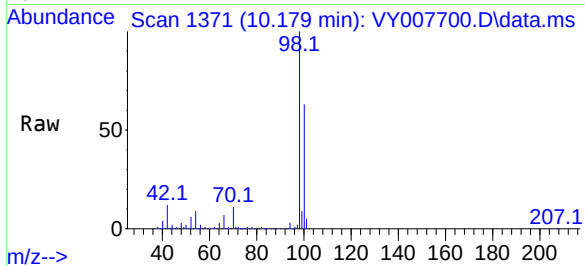




#50
Toluene-d8
Concen: 52.723 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007700.D
Acq: 03 Mar 2022 13:34

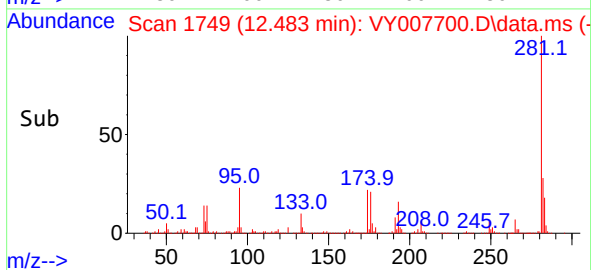
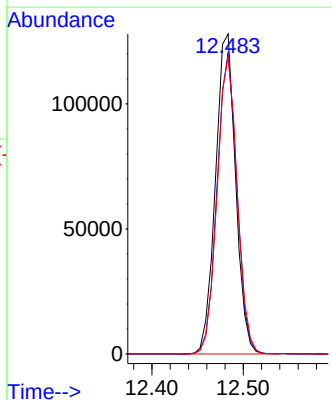
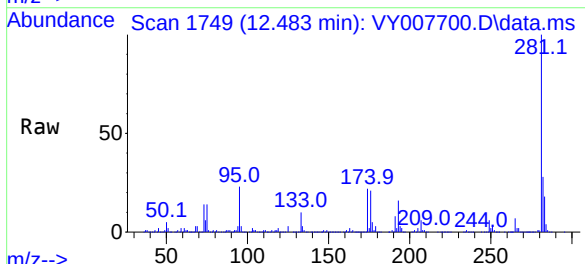
Instrument :
MSVOA_Y
ClientSampleId :
332

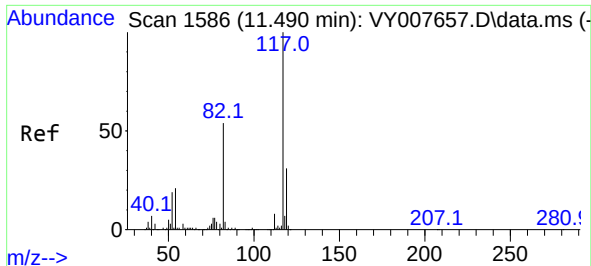
Tgt Ion: 98 Resp: 569864
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.400 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007700.D
Acq: 03 Mar 2022 13:34

Tgt Ion: 95 Resp: 196501
Ion Ratio Lower Upper
95 100
174 92.6 0.0 177.0
176 92.5 0.0 175.8

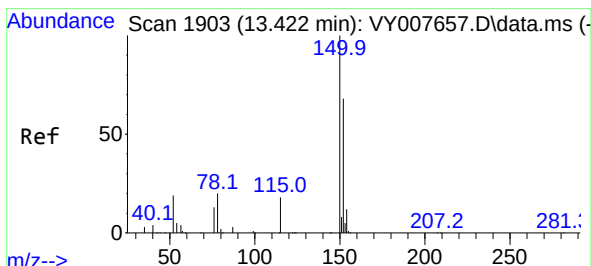
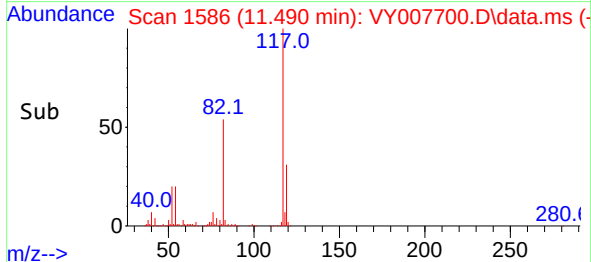
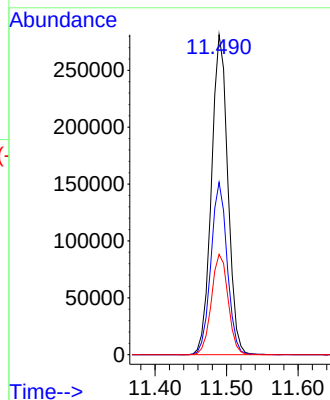
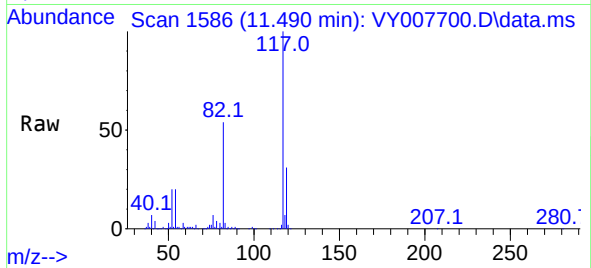




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY007700.D
Acq: 03 Mar 2022 13:34

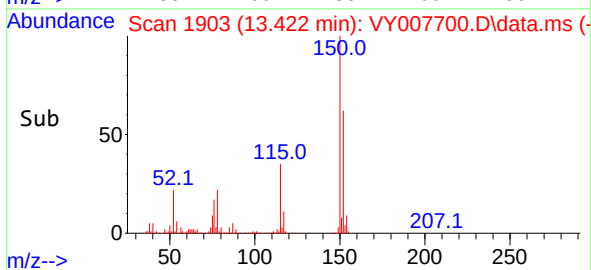
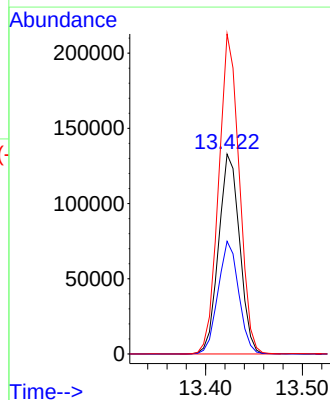
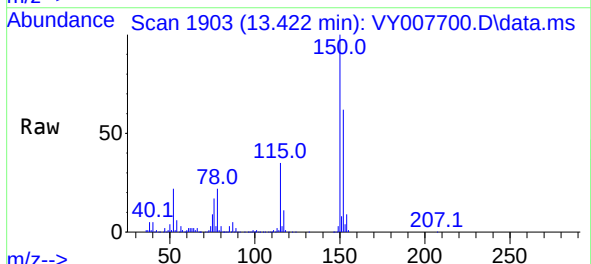
Instrument :
MSVOA_Y
ClientSampleId :
332

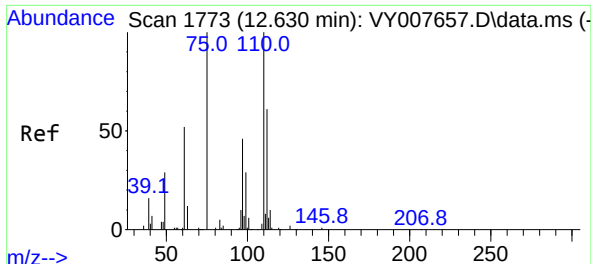
Tgt Ion:117 Resp: 447224
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007700.D
Acq: 03 Mar 2022 13:34

Tgt Ion:152 Resp: 200514
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 156.7 0.0 347.6

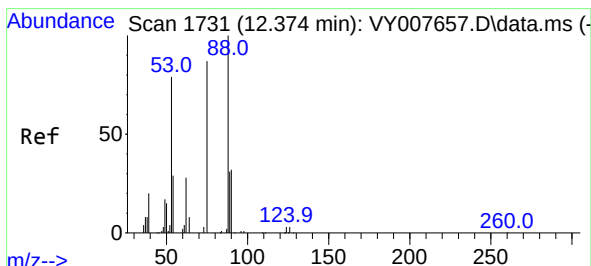
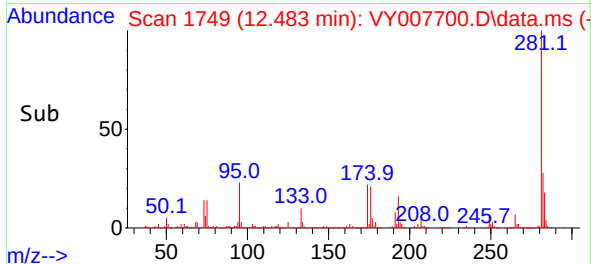
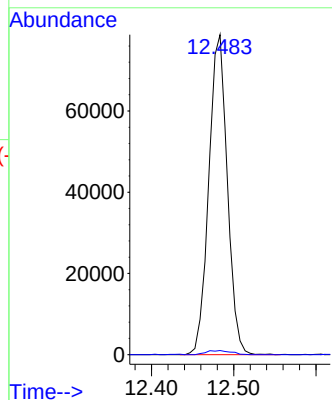
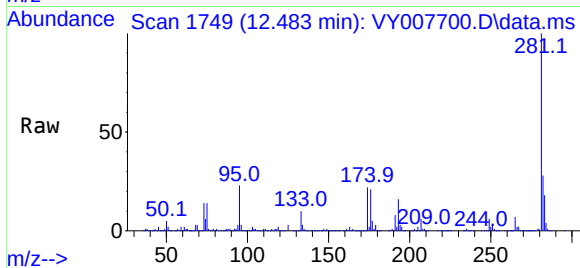




#76
1,2,3-Trichloropropane
Concen: 55.088 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007700.D
Acq: 03 Mar 2022 13:34

Instrument :
MSVOA_Y
ClientSampleId :
332

Tgt Ion: 75 Resp: 123356
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.620 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007700.D
Acq: 03 Mar 2022 13:34

Tgt Ion: 75 Resp: 123356
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 4.3 37.0 55.4#

