

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007675.D
 Acq On : 01 Mar 2022 18:33
 Operator : SY/MD
 Sample : N1722-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-8

Quant Time: Mar 02 07:52:25 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

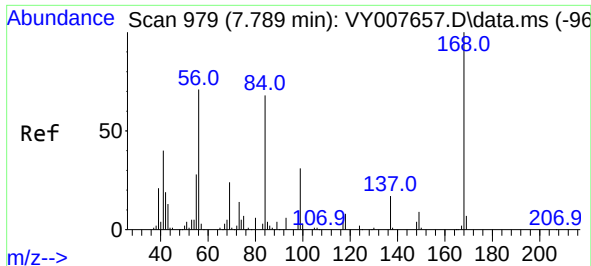
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	283202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	506667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	501618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	223135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	174346	58.804	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.600%			
35) Dibromofluoromethane	7.716	113	172939	53.388	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.780%			
50) Toluene-d8	10.179	98	629503	52.793	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.580%			
62) 4-Bromofluorobenzene	12.483	95	204927	53.316	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.640%			
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	232	Below Cal	#	43
3) Chloromethane	2.107	50	3351	Below Cal		97
13) Acrolein	3.741	56	129	Below Cal	#	55
16) Acetone	3.948	43	54438	90.258	ug/l	90
17) Carbon Disulfide	4.198	76	3662	Below Cal	#	95
18) Methyl Acetate	4.485	43	1485	Below Cal	#	85
20) Methylene Chloride	4.722	84	12087	Below Cal	#	78
25) 2-Butanone	6.984	43	26035	25.732	ug/l	# 86
31) Cyclohexane	7.789	56	6250	Below Cal	#	23
36) 1,1-Dichloropropene	7.789	75	21628	4.244	ug/l	# 52
37) Ethyl Acetate	6.984	43	26035	9.250	ug/l	# 73
38) Carbon Tetrachloride	7.789	117	26849	4.939	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	113079	45.379	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	113079	92.771	ug/l	# 7
95) Naphthalene	15.233	128	82101	9.010	ug/l	97

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

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Response via : Initial Calibration

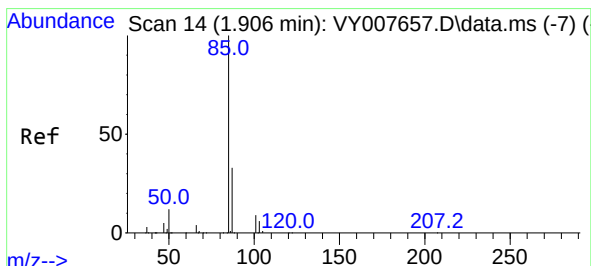
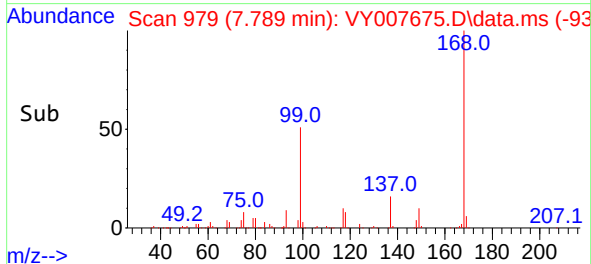
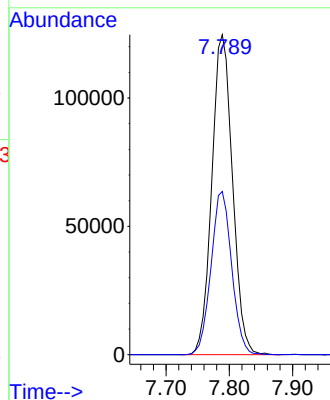
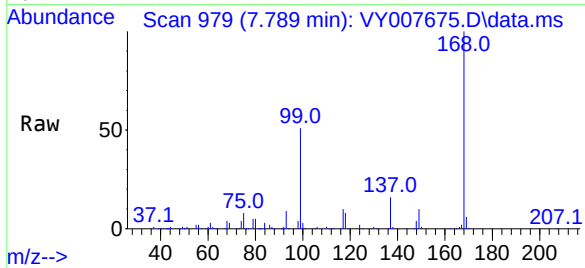




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

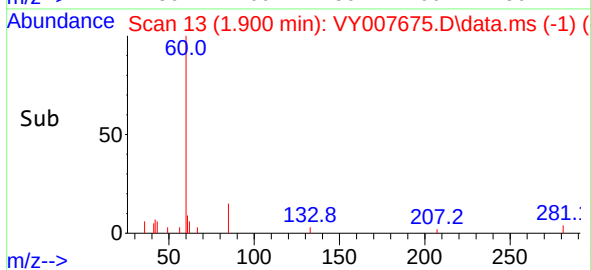
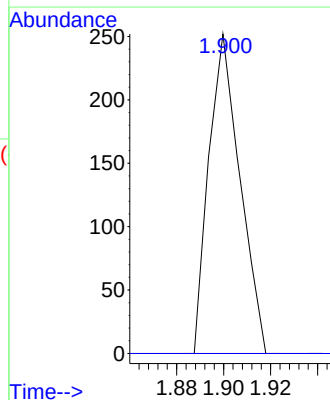
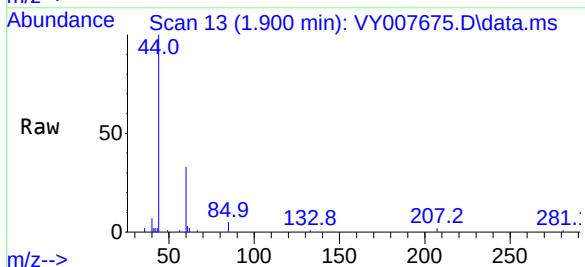
Instrument :
MSVOA_Y
ClientSampleId :
DUM-8

Tgt Ion:168 Resp: 283202
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3

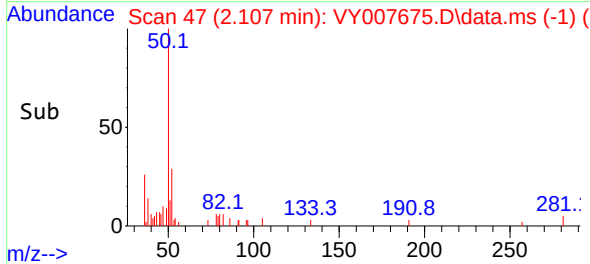
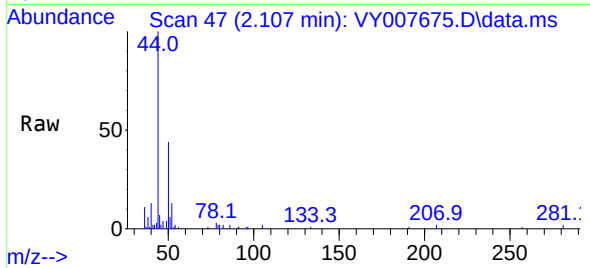
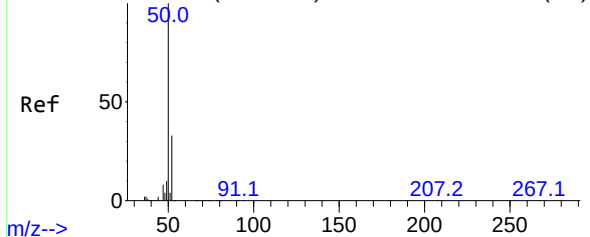


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Tgt Ion: 85 Resp: 232
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: 2.107 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY007675.D

Acq: 01 Mar 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

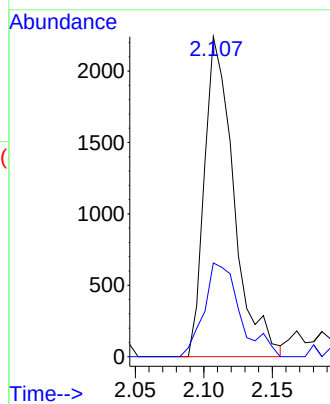
DUM-8

Tgt Ion: 50 Resp: 3351

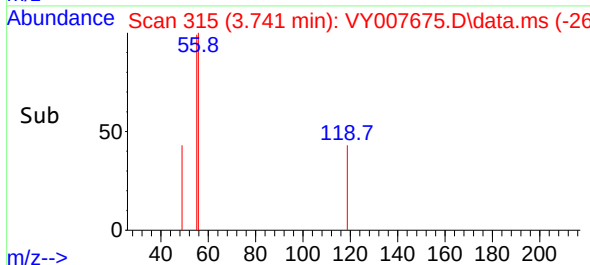
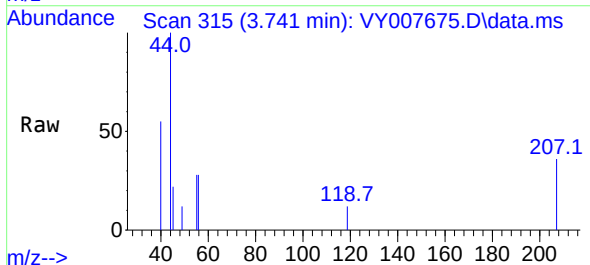
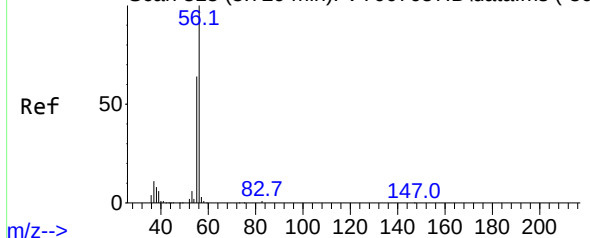
Ion Ratio Lower Upper

50 100

52 29.3 24.6 37.0



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



#13

Acrolein

Concen: Below Cal

RT: 3.741 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY007675.D

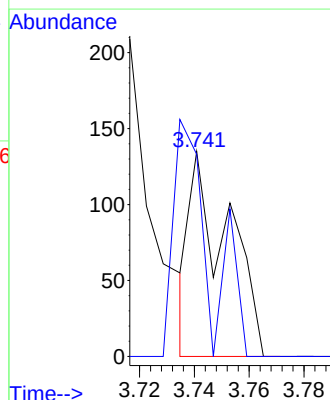
Acq: 01 Mar 2022 18:33

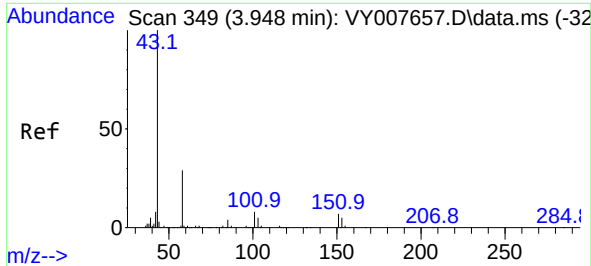
Tgt Ion: 56 Resp: 129

Ion Ratio Lower Upper

56 100

55 109.3 57.6 86.4#





#16

Acetone

Concen: 90.258 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY007675.D

Acq: 01 Mar 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

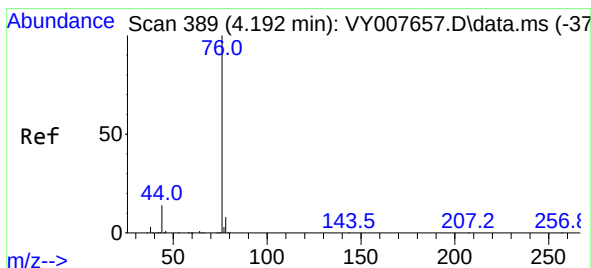
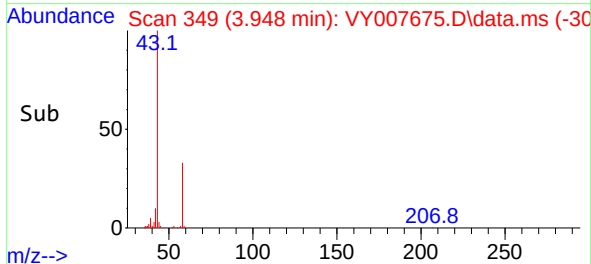
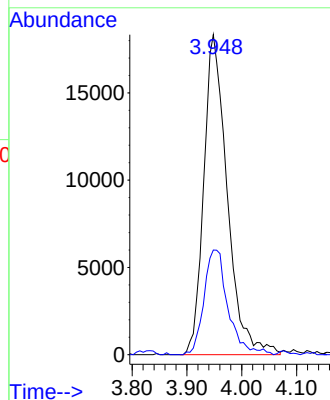
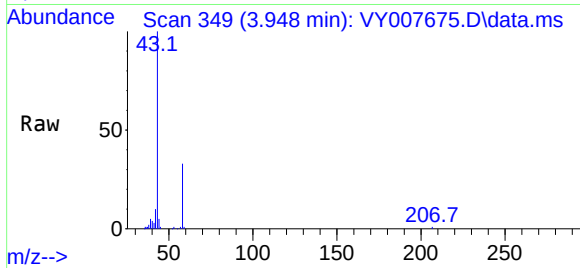
DUM-8

Tgt Ion: 43 Resp: 54438

Ion Ratio Lower Upper

43 100

58 32.7 22.0 33.0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY007675.D

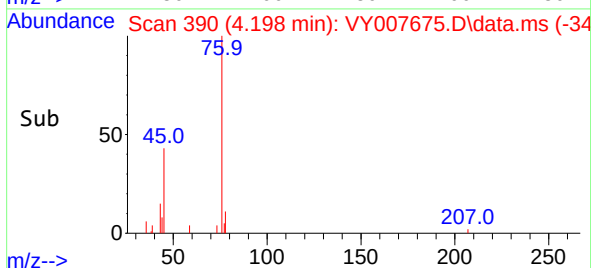
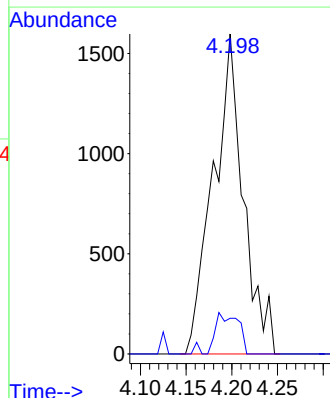
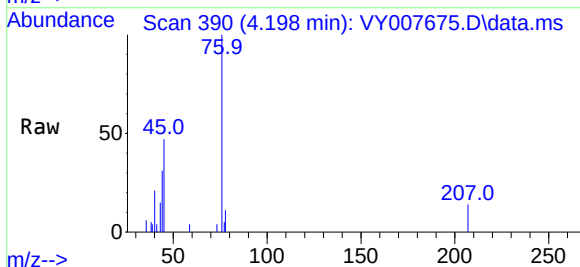
Acq: 01 Mar 2022 18:33

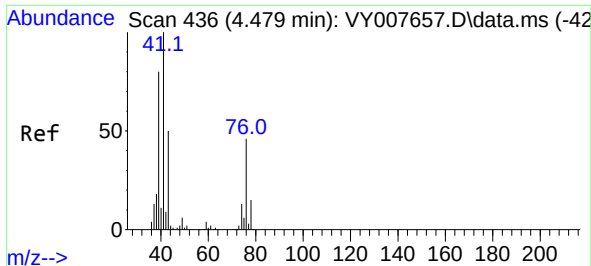
Tgt Ion: 76 Resp: 3662

Ion Ratio Lower Upper

76 100

78 11.1 7.4 11.0#

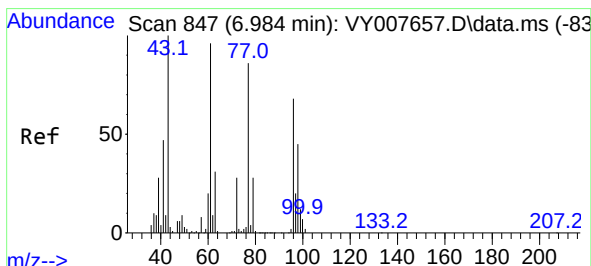
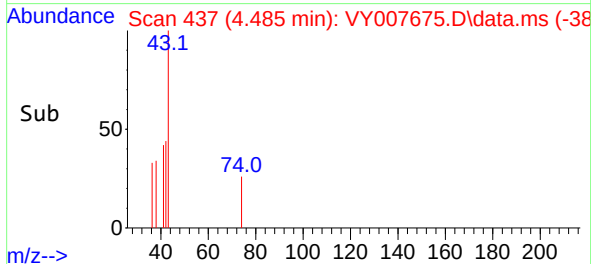
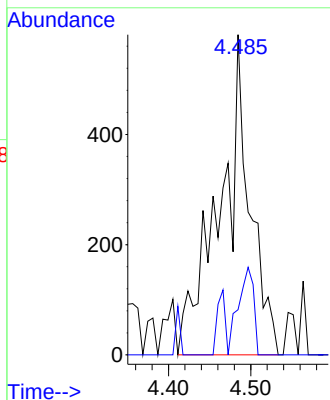
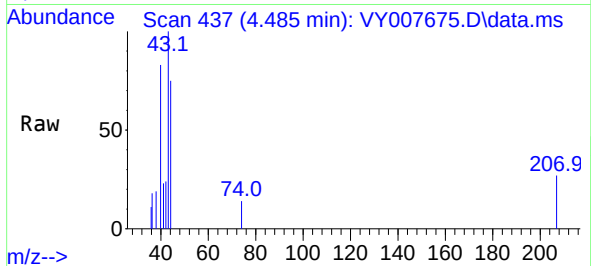




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

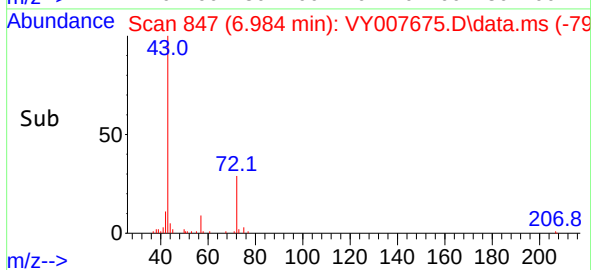
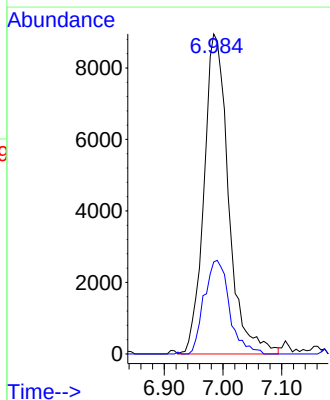
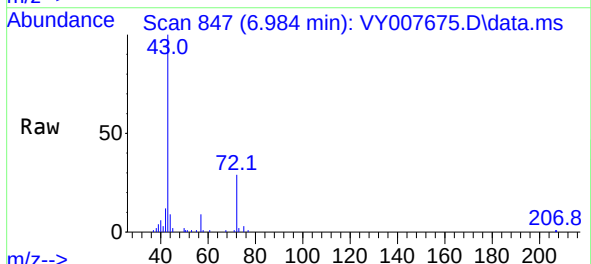
Instrument :
MSVOA_Y
ClientSampleId :
DUM-8

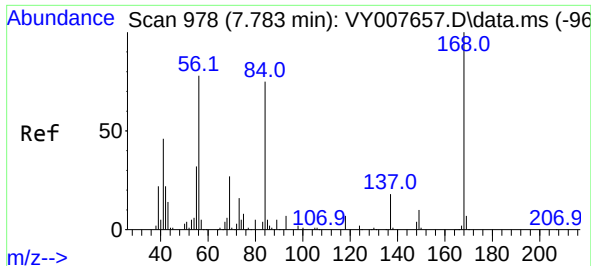
Tgt Ion: 43 Resp: 1485
Ion Ratio Lower Upper
43 100
74 13.9 16.6 24.8#



#25
2-Butanone
Concen: 25.732 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Tgt Ion: 43 Resp: 26035
Ion Ratio Lower Upper
43 100
72 28.7 17.7 26.5#

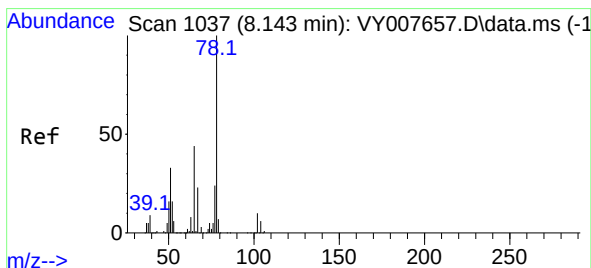
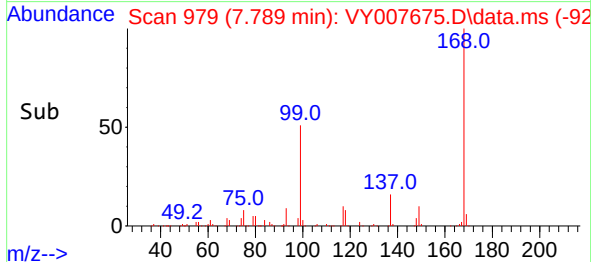
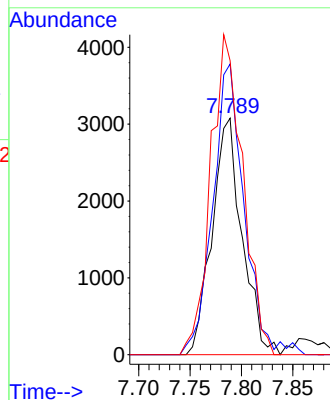
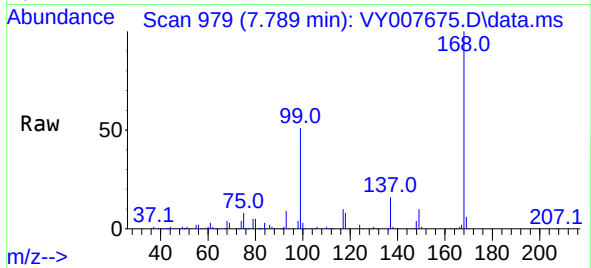




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

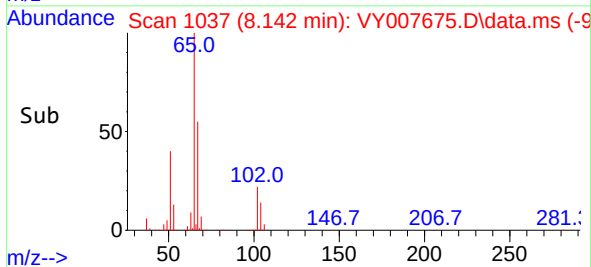
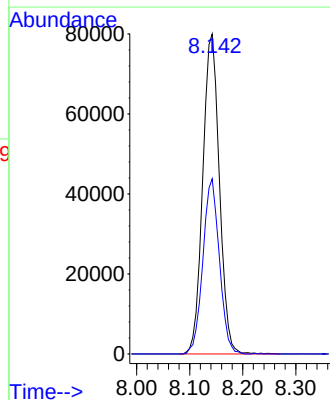
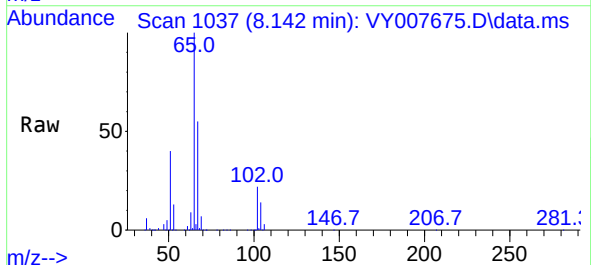
Instrument :
MSVOA_Y
ClientSampleId :
DUM-8

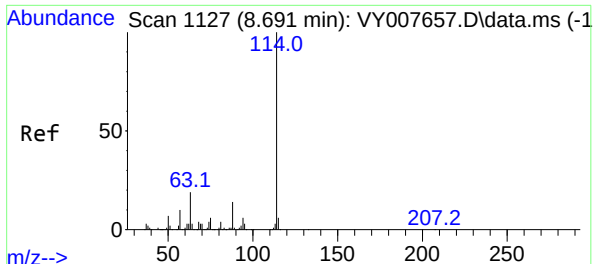
Tgt Ion: 56 Resp: 6250
Ion Ratio Lower Upper
56 100
69 123.0 26.7 40.1#
84 124.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.804 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Tgt Ion: 65 Resp: 174346
Ion Ratio Lower Upper
65 100
67 54.2 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: VY007675.D

Acq: 01 Mar 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

DUM-8

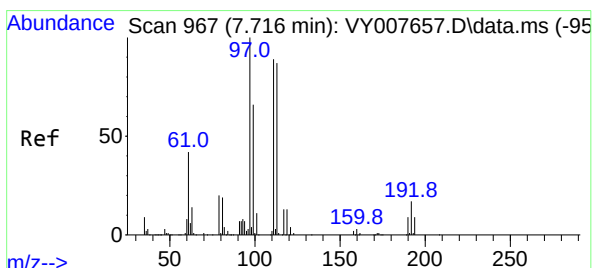
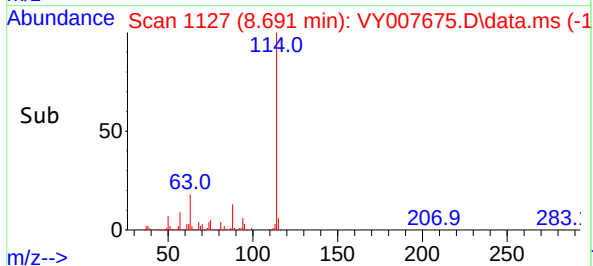
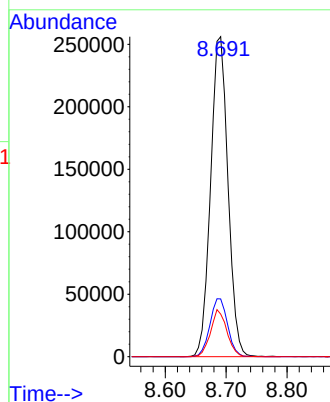
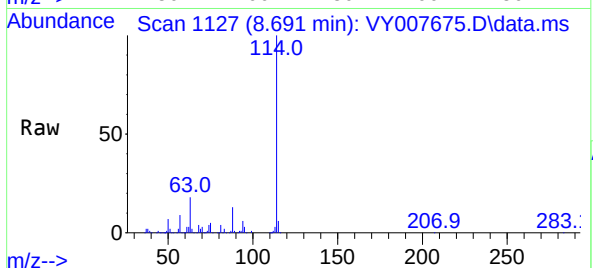
Tgt Ion:114 Resp: 506667

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 13.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.388 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007675.D

Acq: 01 Mar 2022 18:33

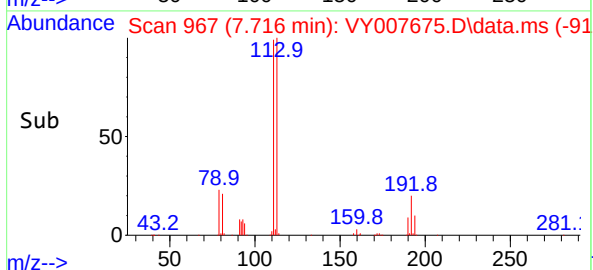
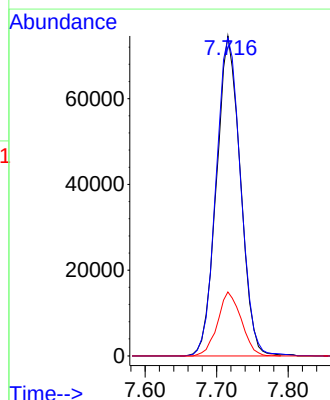
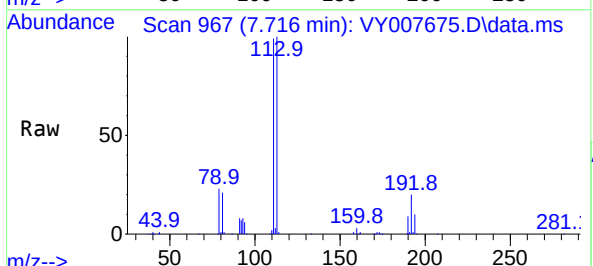
Tgt Ion:113 Resp: 172939

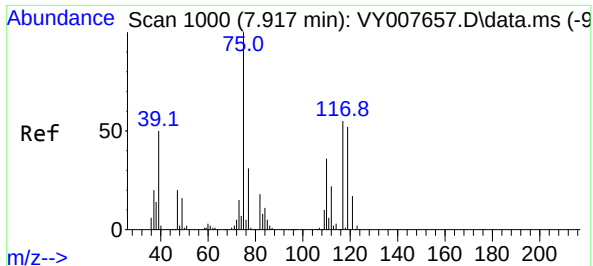
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 19.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.244 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007675.D

Acq: 01 Mar 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

DUM-8

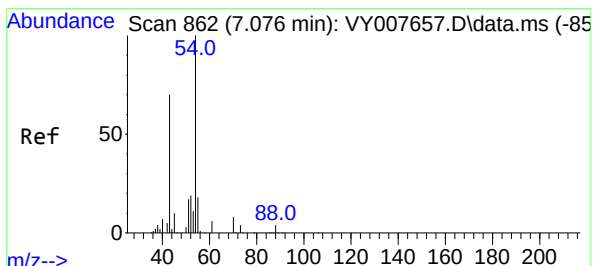
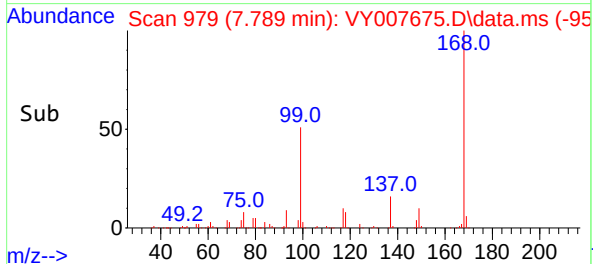
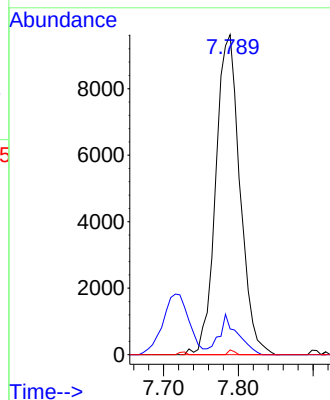
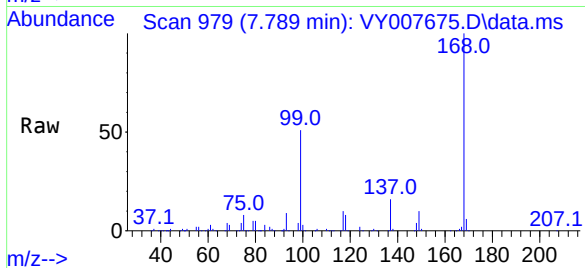
Tgt Ion: 75 Resp: 21628

Ion Ratio Lower Upper

75 100

110 9.8 17.1 51.2#

77 0.4 24.4 36.6#



#37

Ethyl Acetate

Concen: 9.250 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.092 min

Lab File: VY007675.D

Acq: 01 Mar 2022 18:33

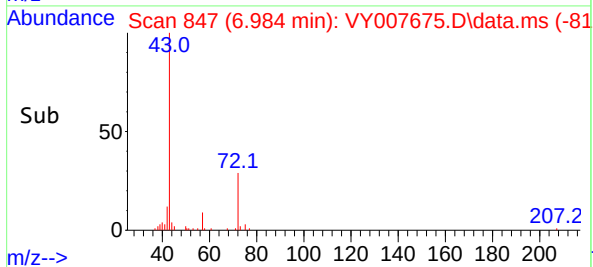
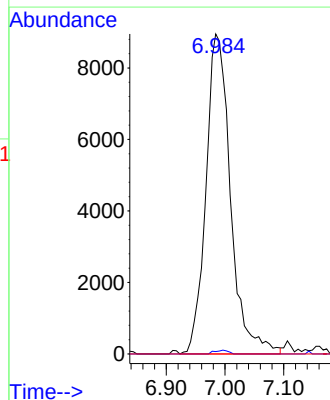
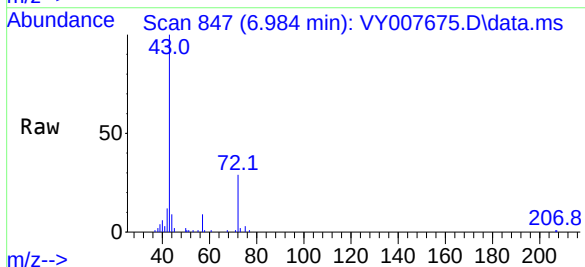
Tgt Ion: 43 Resp: 26035

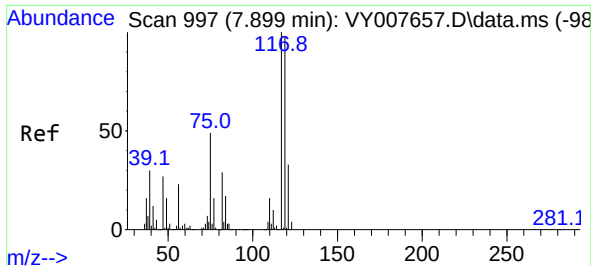
Ion Ratio Lower Upper

43 100

61 0.7 9.7 14.5#

70 0.0 7.1 10.7#

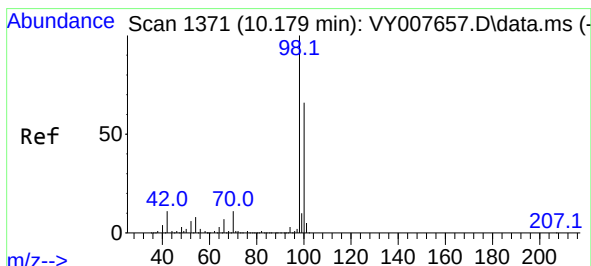
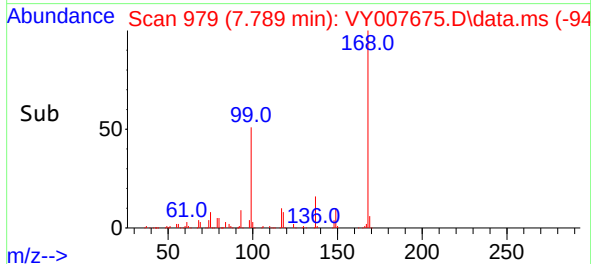
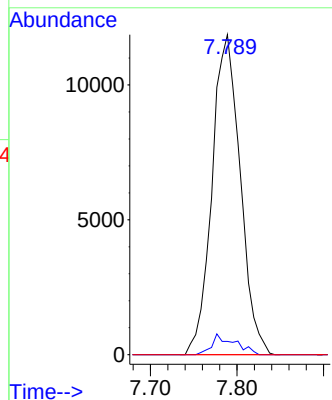
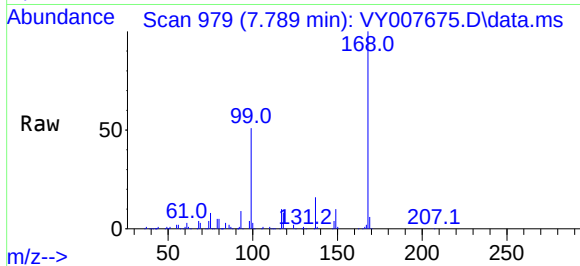




#38
Carbon Tetrachloride
Concen: 4.939 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

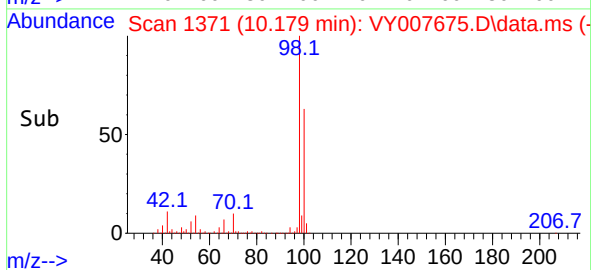
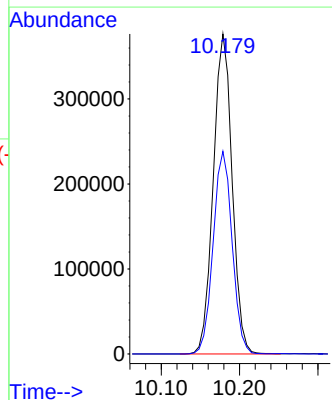
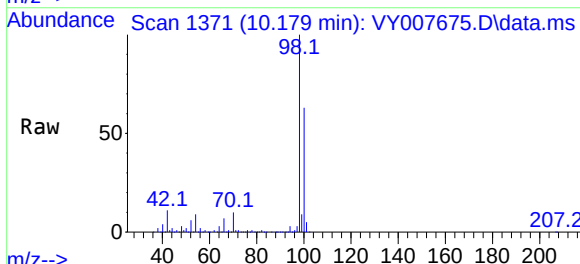
Instrument :
MSVOA_Y
ClientSampleId :
DUM-8

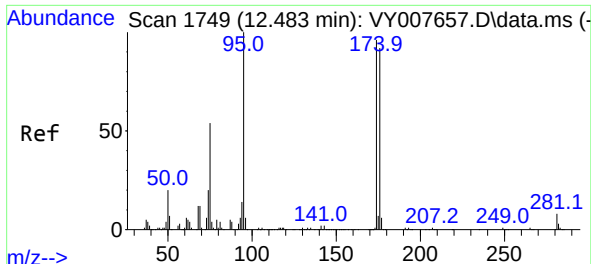
Tgt Ion:117 Resp: 26849
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.793 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Tgt Ion: 98 Resp: 629503
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

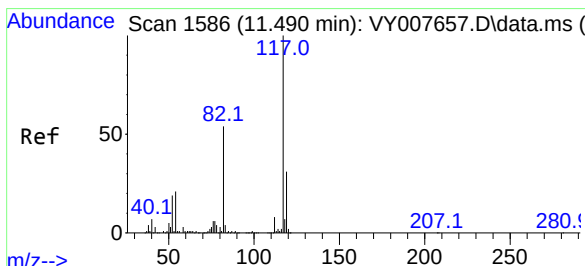
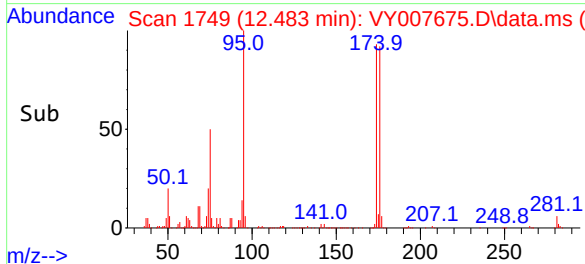
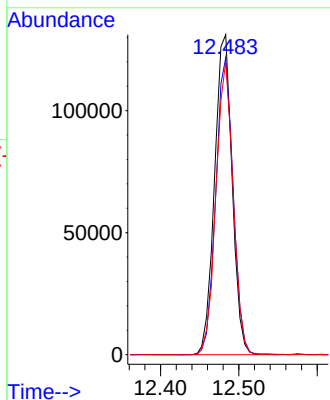
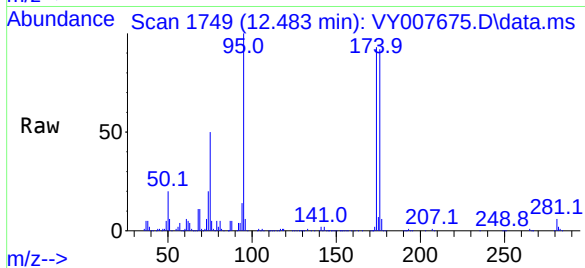




#62
4-Bromofluorobenzene
Concen: 53.316 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

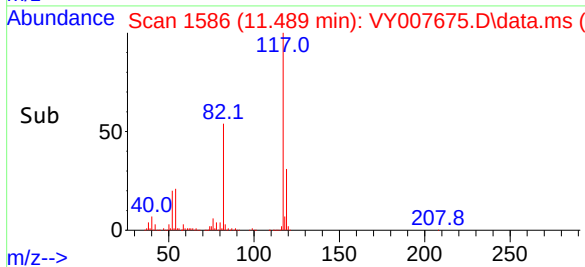
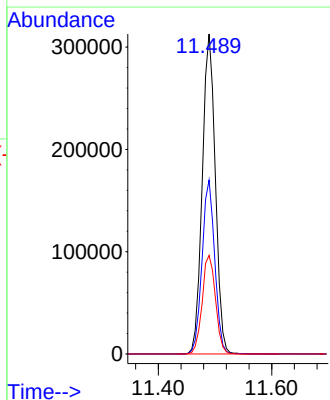
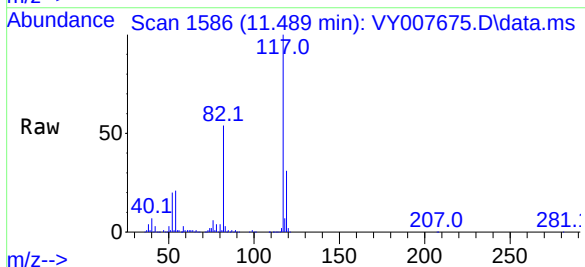
Instrument :
MSVOA_Y
ClientSampleId :
DUM-8

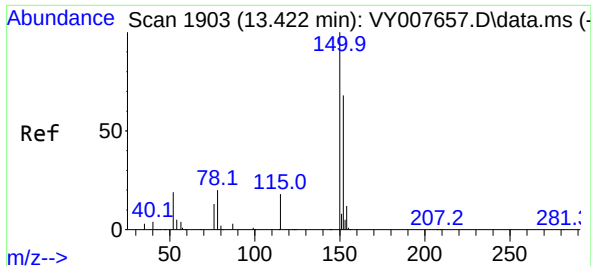
Tgt Ion: 95 Resp: 204927
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 89.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Tgt Ion: 117 Resp: 501618
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 30.8 25.4 38.0

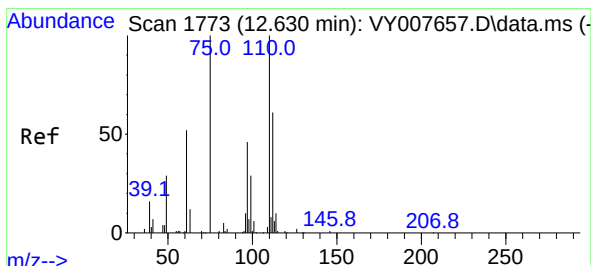
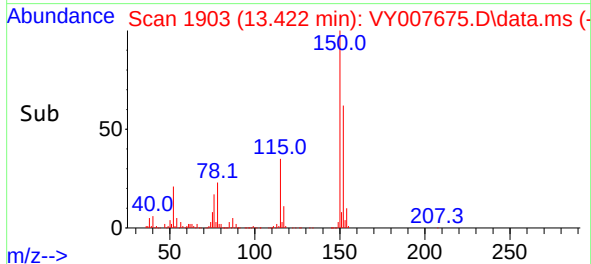
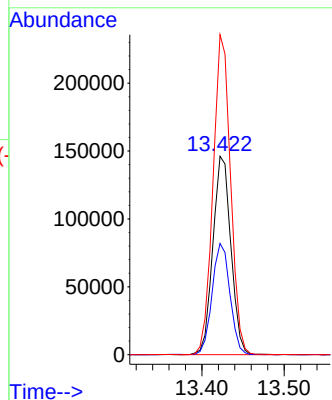
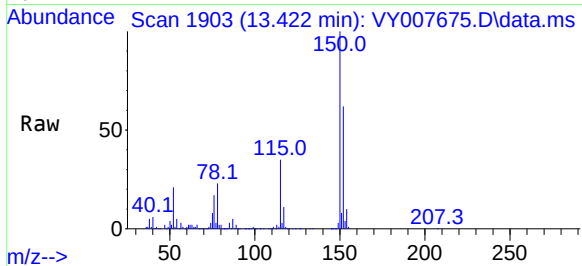




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY007675.D
 Acq: 01 Mar 2022 18:33

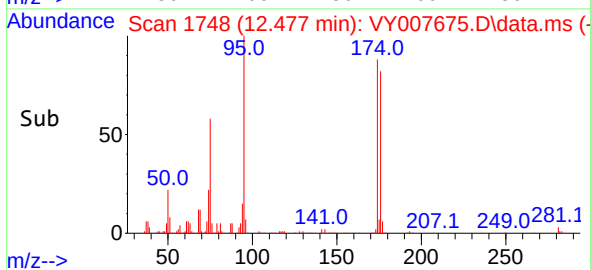
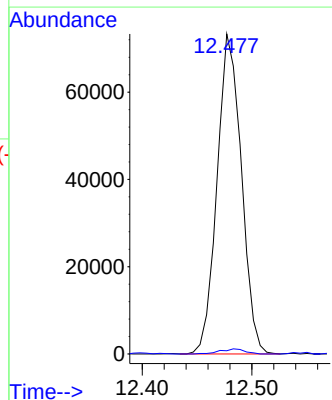
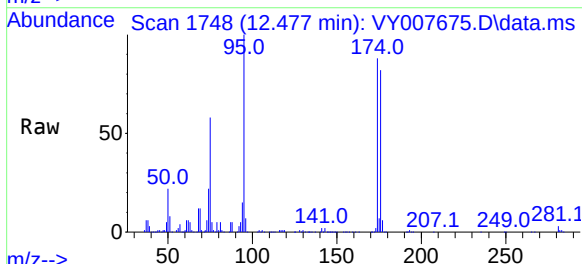
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-8

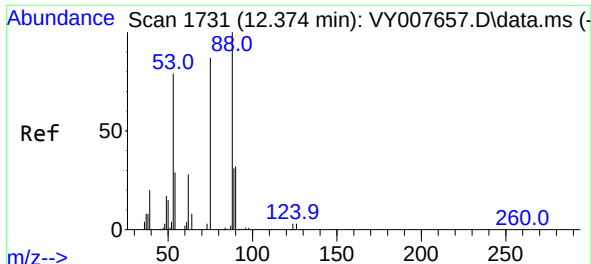
Tgt Ion:152 Resp: 223135
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.2 84.7
 150 156.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.379 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007675.D
 Acq: 01 Mar 2022 18:33

Tgt Ion: 75 Resp: 113079
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

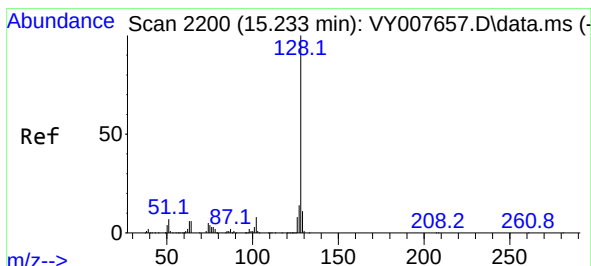
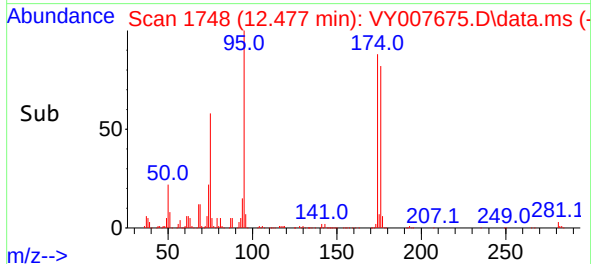
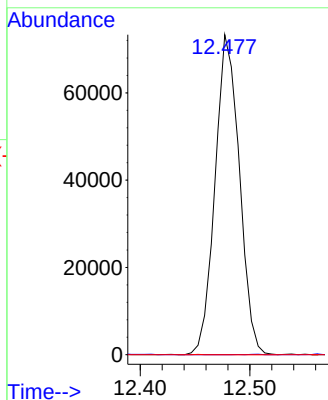
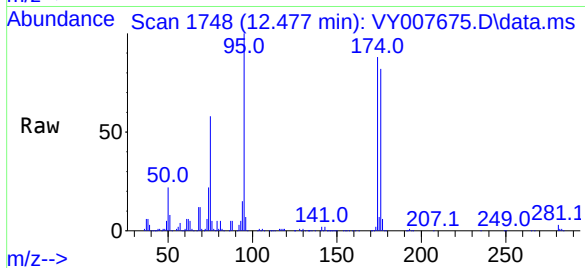




#81
trans-1,4-Dichloro-2-butene
Concen: 92.771 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Instrument :
MSVOA_Y
ClientSampleId :
DUM-8

Tgt Ion: 75 Resp: 113079
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 9.010 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Tgt Ion:128 Resp: 82101
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.4
129 11.4 8.4 12.6

