

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030222\
 Data File : VY007685.D
 Acq On : 02 Mar 2022 12:01
 Operator : SY/MD
 Sample : N1721-07RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-4

Quant Time: Mar 03 00:33:36 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)

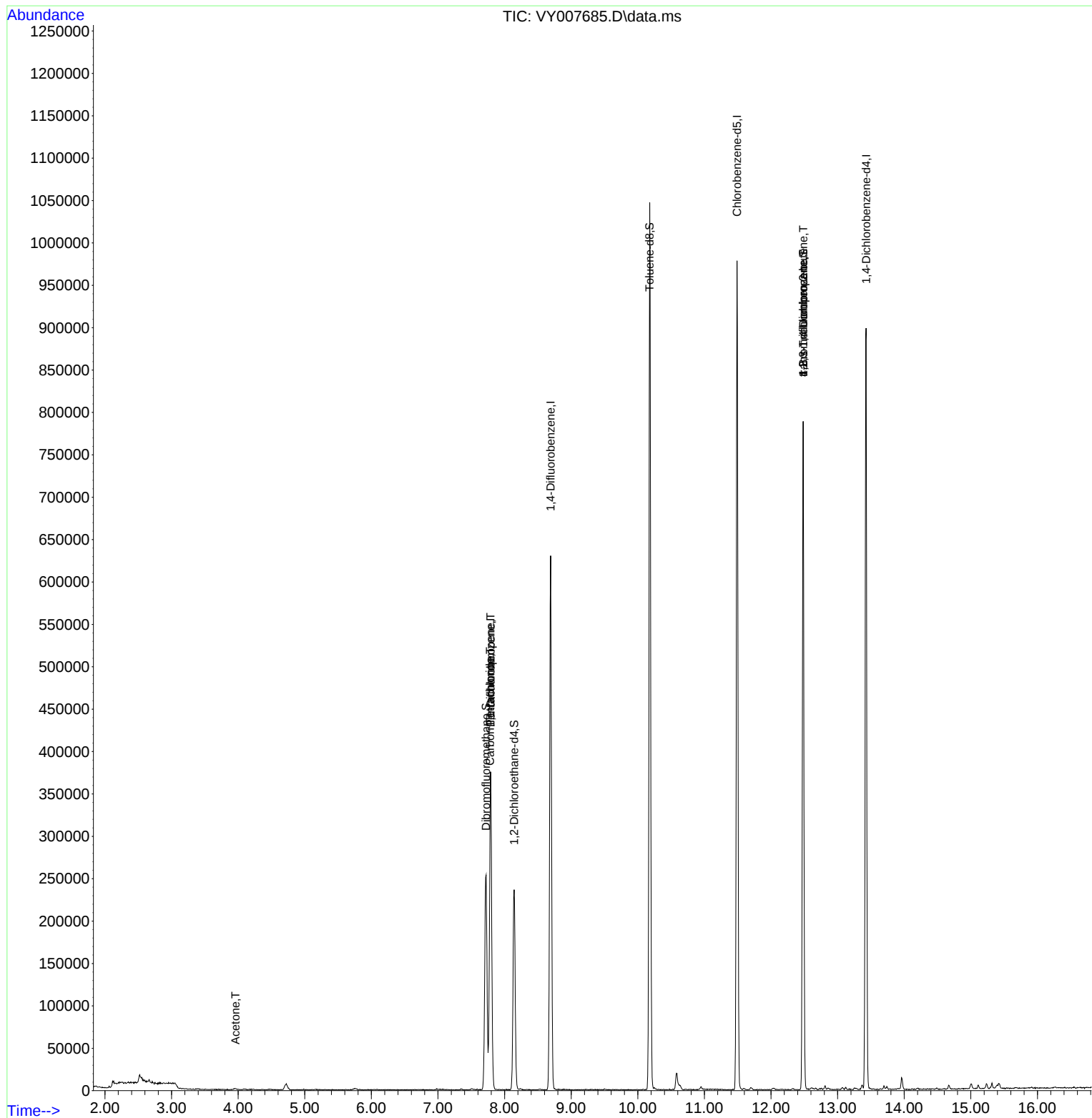
Internal Standards						
1) Pentafluorobenzene	7.789	168	292938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	531105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	522696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	229119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	183156	59.722	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.440%			
35) Dibromofluoromethane	7.722	113	179352	52.820	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.640%			
50) Toluene-d8	10.179	98	668652	53.496	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.000%			
62) 4-Bromofluorobenzene	12.483	95	211385	52.466	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	173	Below Cal		90
3) Chloromethane	2.113	50	2852	Below Cal		92
13) Acrolein	3.753	56	92	Below Cal	#	14
16) Acetone	3.960	43	2299	3.685 ug/l	#	87
17) Carbon Disulfide	4.198	76	273	Below Cal	#	75
18) Methyl Acetate	4.485	43	1081	Below Cal	#	86
20) Methylene Chloride	4.722	84	4944	Below Cal	#	79
31) Cyclohexane	7.789	56	6506	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	23028	4.311 ug/l	#	50
38) Carbon Tetrachloride	7.783	117	28367	4.979 ug/l	#	15
76) 1,2,3-Trichloropropane	12.483	75	118708	46.394 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	118708	94.846 ug/l	#	7

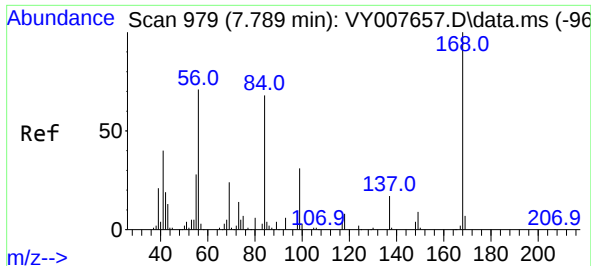
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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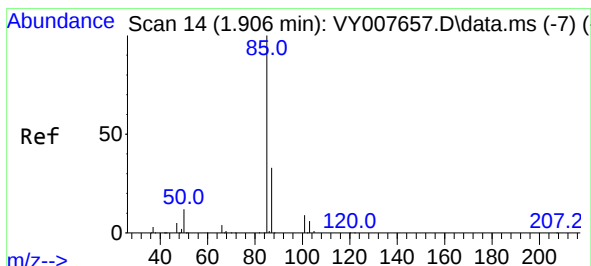
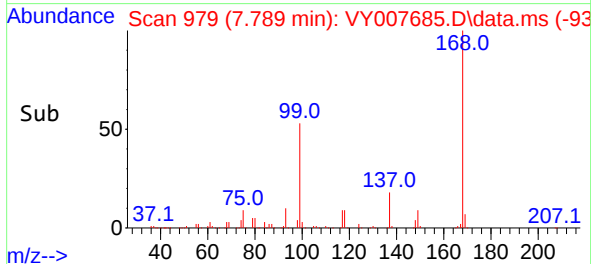
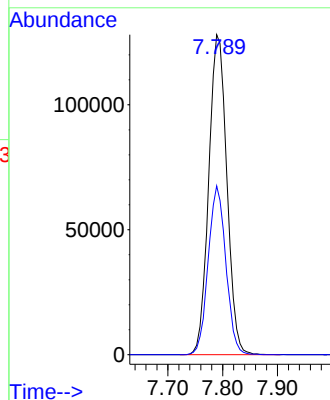
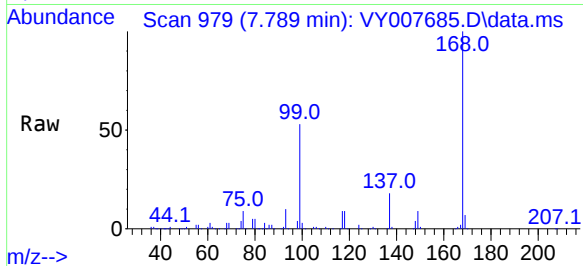




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

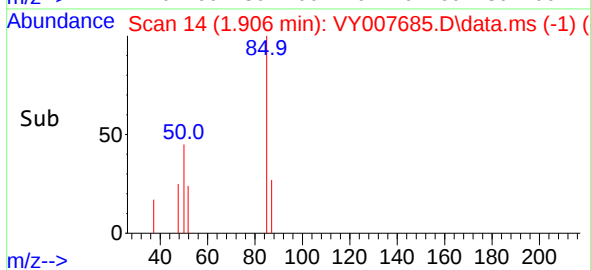
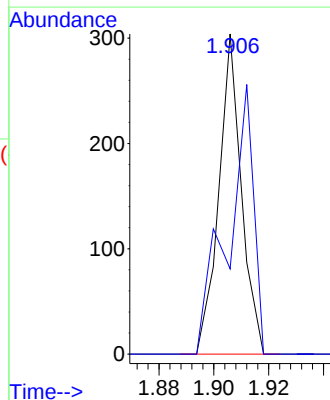
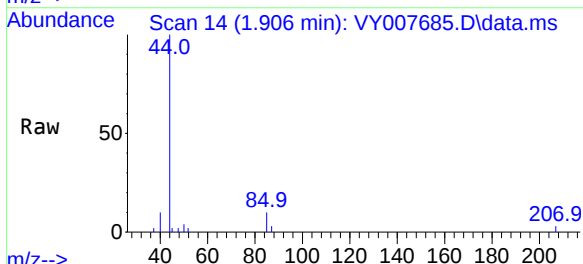
Instrument :
MSVOA_Y
ClientSampleId :
DUM-4

Tgt Ion:168 Resp: 292938
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3

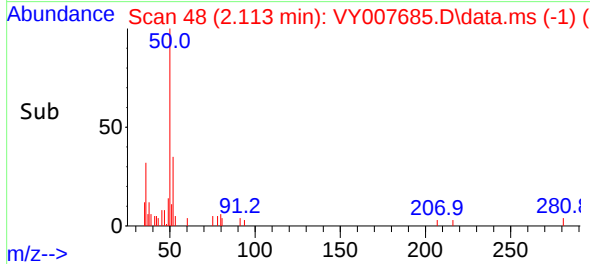
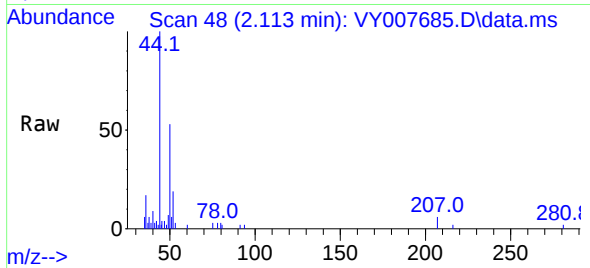
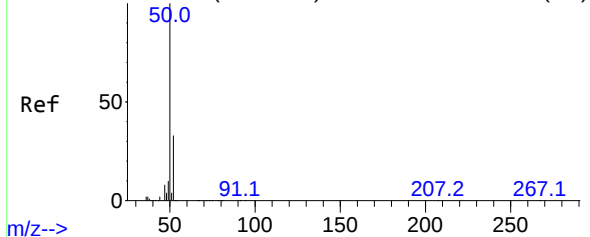


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

Tgt Ion: 85 Resp: 173
Ion Ratio Lower Upper
85 100
87 26.6 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: VY007685.D

Acq: 02 Mar 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

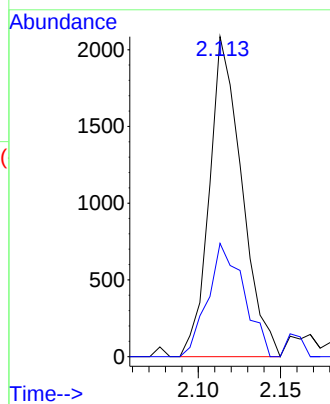
DUM-4

Tgt Ion: 50 Resp: 2852

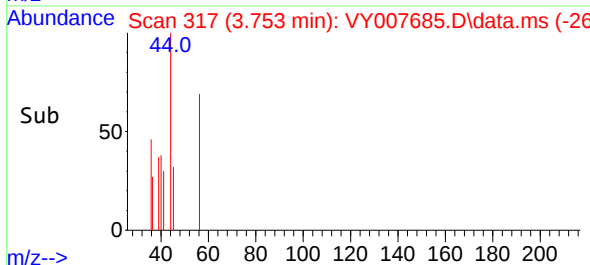
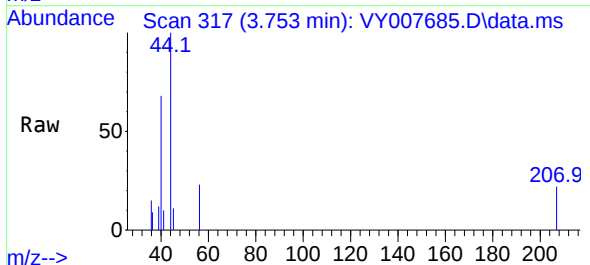
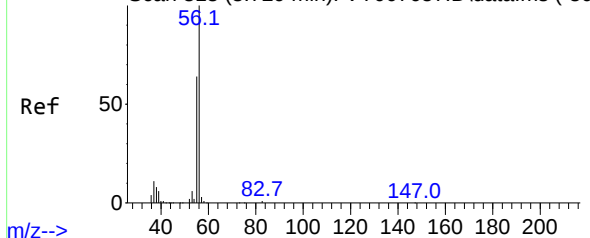
Ion Ratio Lower Upper

50 100

52 35.4 24.6 37.0



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



#13

Acrolein

Concen: Below Cal

RT: 3.753 min Scan# 317

Delta R.T. 0.024 min

Lab File: VY007685.D

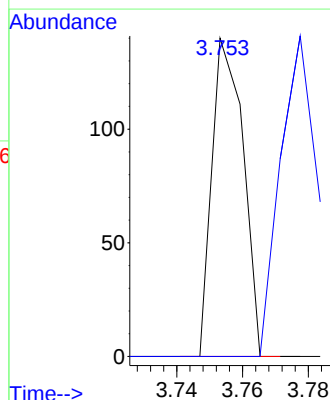
Acq: 02 Mar 2022 12:01

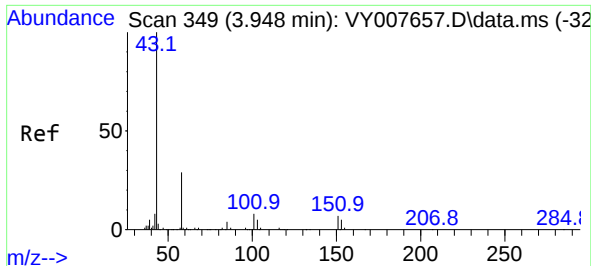
Tgt Ion: 56 Resp: 92

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#

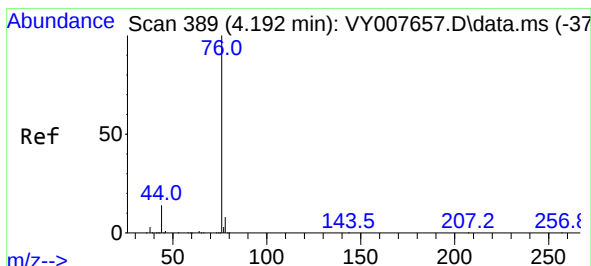
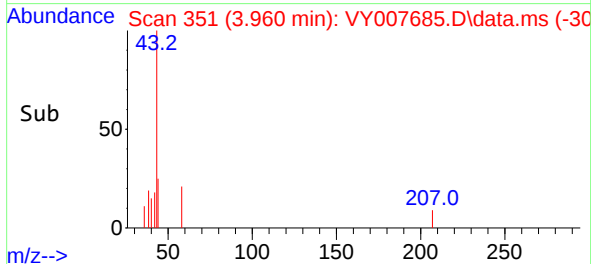
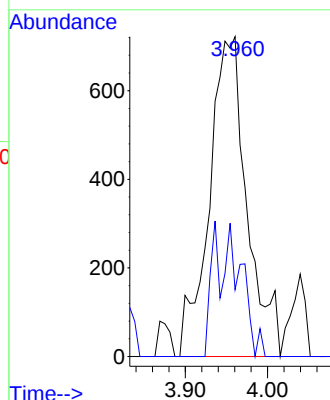
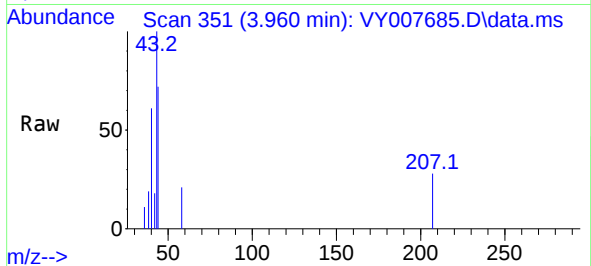




#16
Acetone
Concen: 3.685 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

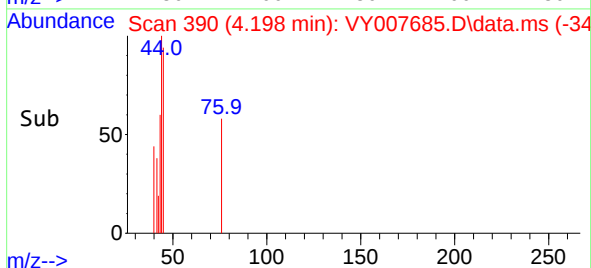
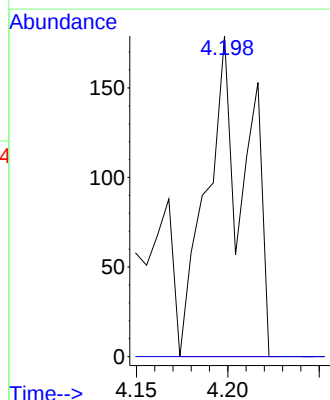
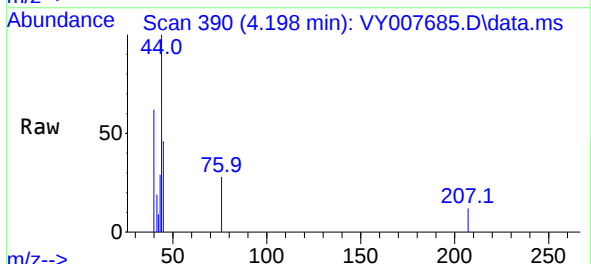
Instrument :
MSVOA_Y
ClientSampleId :
DUM-4

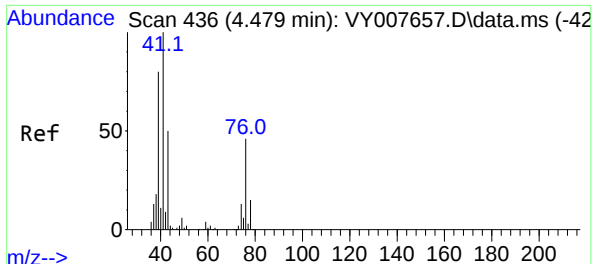
Tgt Ion: 43 Resp: 2299
Ion Ratio Lower Upper
43 100
58 20.9 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

Tgt Ion: 76 Resp: 273
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: VY007685.D

Acq: 02 Mar 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

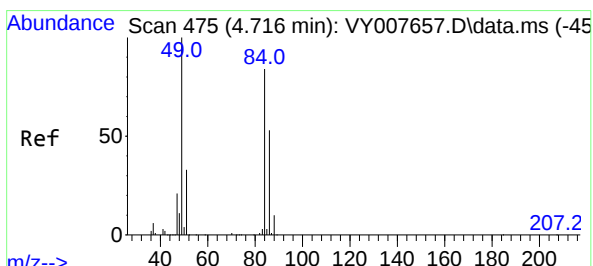
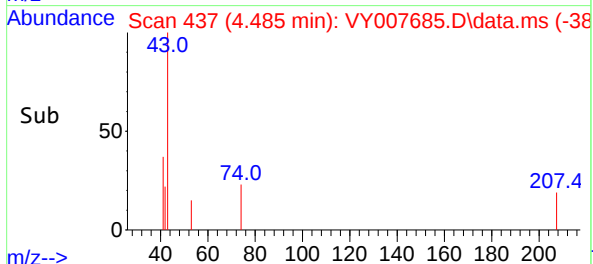
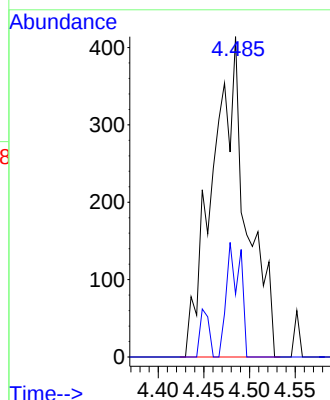
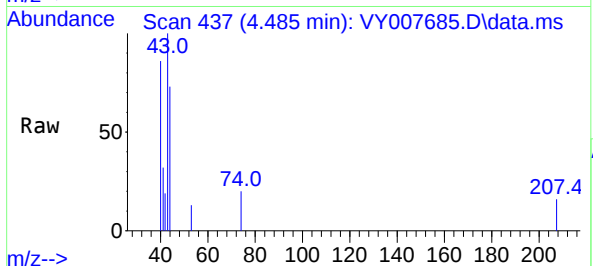
DUM-4

Tgt Ion: 43 Resp: 1081

Ion Ratio Lower Upper

43 100

74 14.3 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY007685.D

Acq: 02 Mar 2022 12:01

Tgt Ion: 84 Resp: 4944

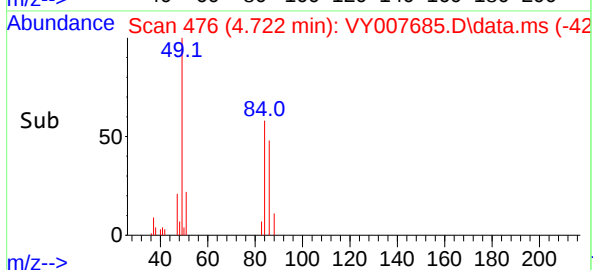
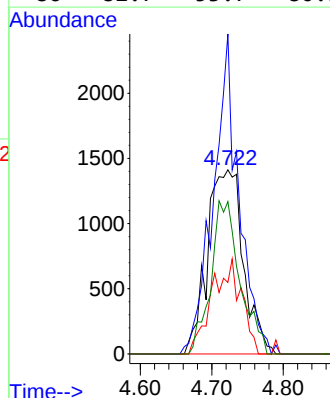
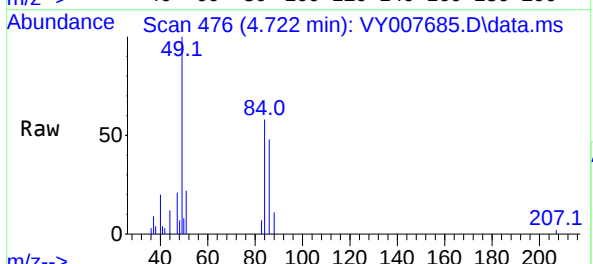
Ion Ratio Lower Upper

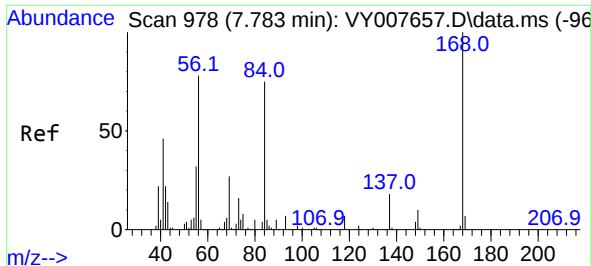
84 100

49 173.7 114.4 171.6#

51 38.9 35.3 52.9

86 82.7 53.7 80.5#

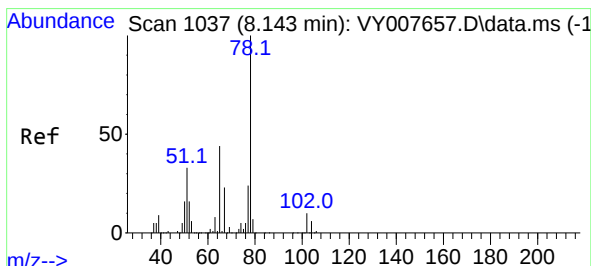
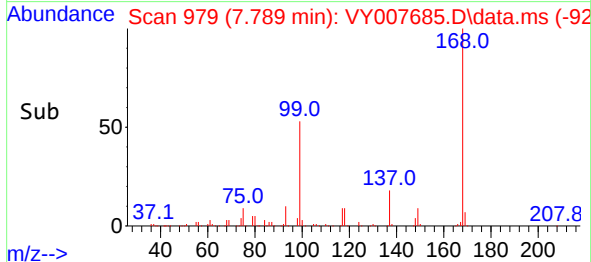
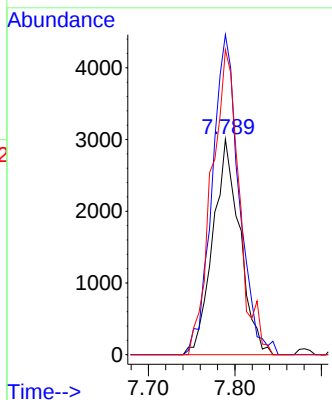
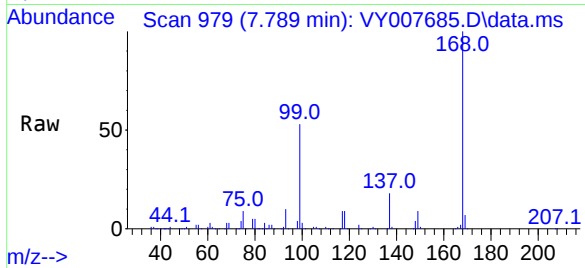




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

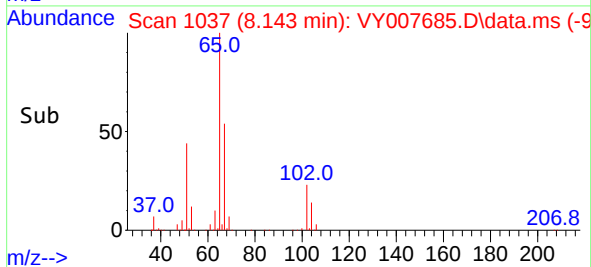
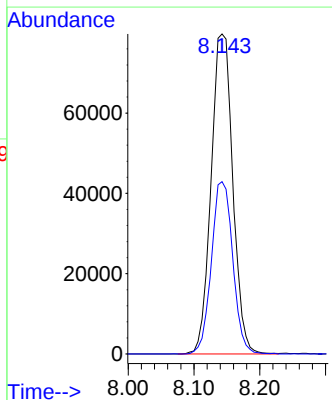
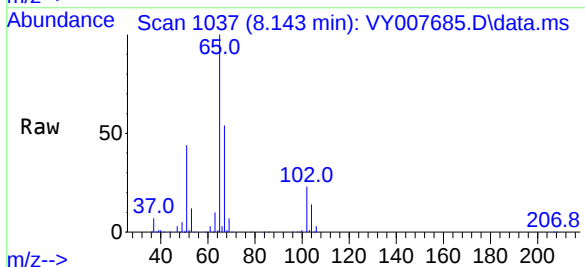
Instrument :
MSVOA_Y
ClientSampleId :
DUM-4

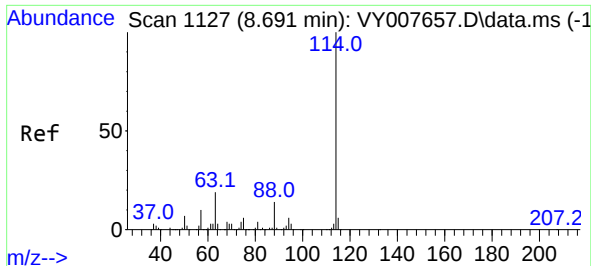
Tgt Ion: 56 Resp: 6506
Ion Ratio Lower Upper
56 100
69 148.5 26.7 40.1#
84 141.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.722 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

Tgt Ion: 65 Resp: 183156
Ion Ratio Lower Upper
65 100
67 53.0 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: VY007685.D

Acq: 02 Mar 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

DUM-4

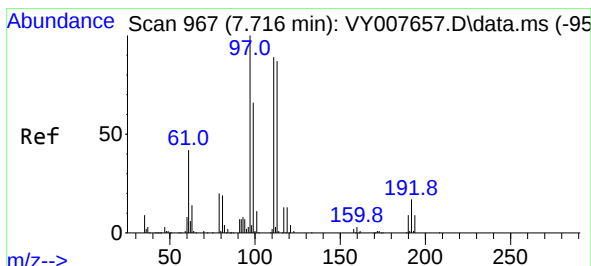
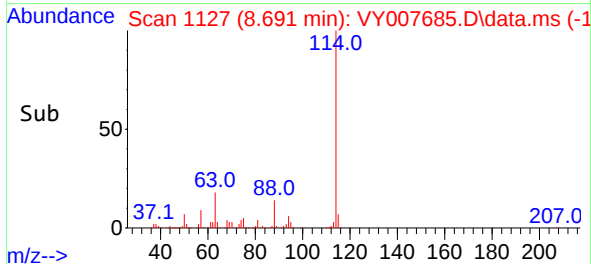
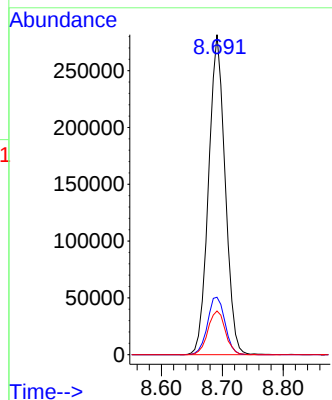
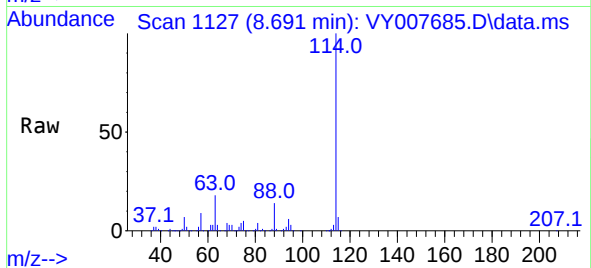
Tgt Ion:114 Resp: 531105

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.820 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007685.D

Acq: 02 Mar 2022 12:01

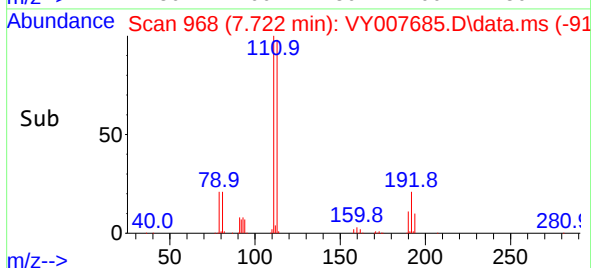
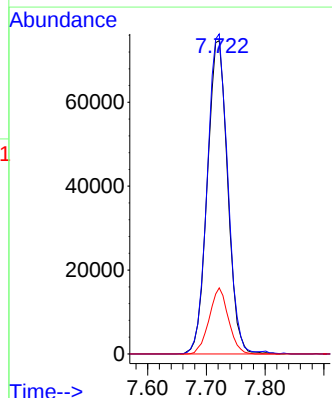
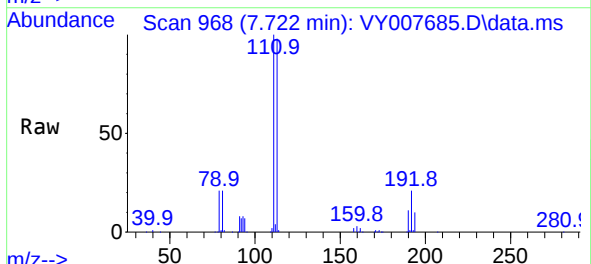
Tgt Ion:113 Resp: 179352

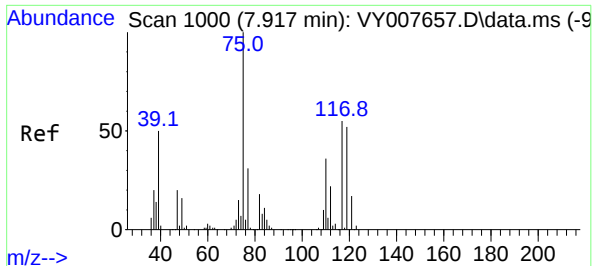
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 20.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.311 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007685.D

Acq: 02 Mar 2022 12:01

Instrument :

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DUM-4

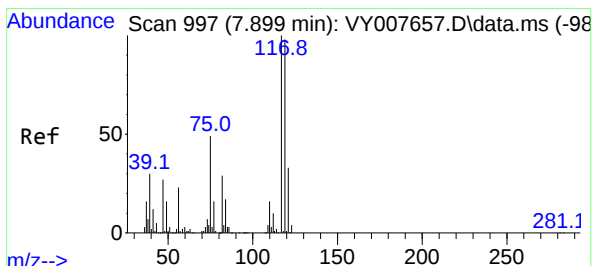
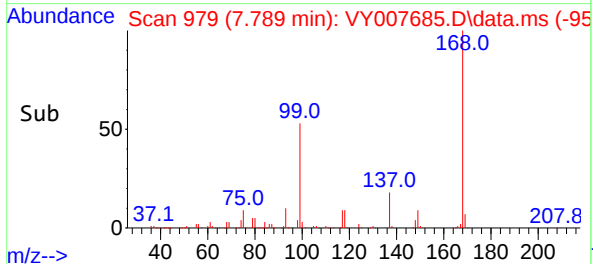
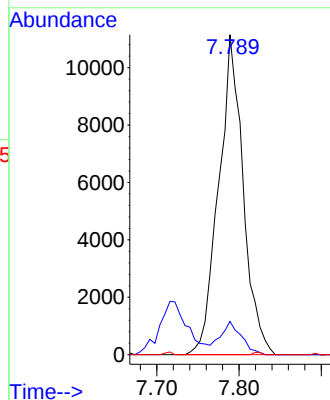
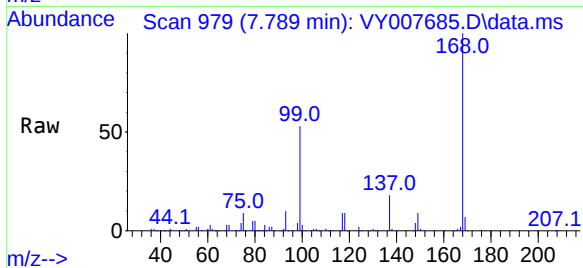
Tgt Ion: 75 Resp: 23028

Ion Ratio Lower Upper

75 100

110 8.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.979 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY007685.D

Acq: 02 Mar 2022 12:01

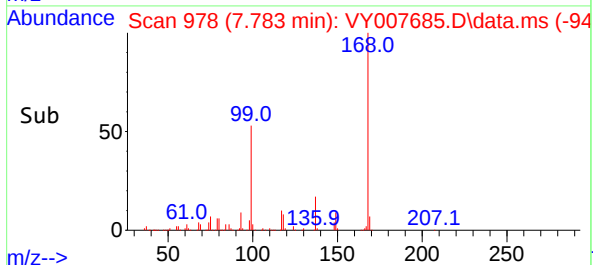
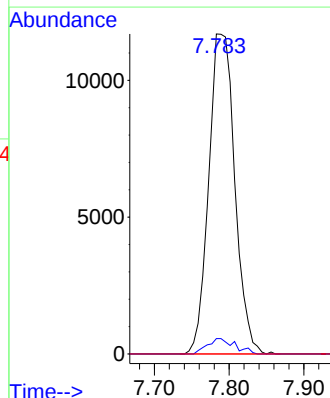
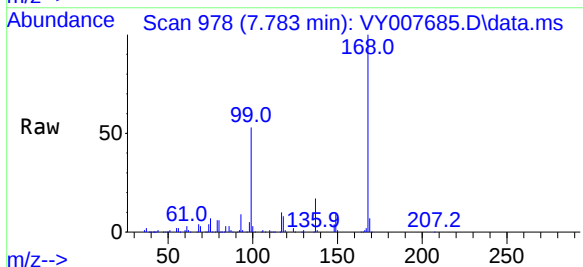
Tgt Ion: 117 Resp: 28367

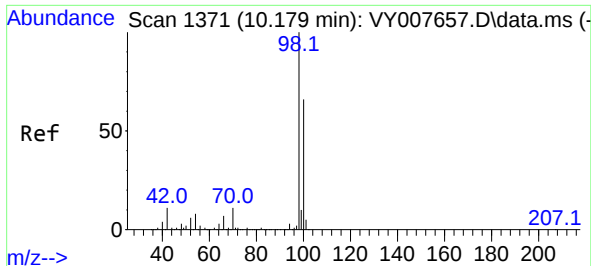
Ion Ratio Lower Upper

117 100

119 4.8 77.9 116.9#

121 0.0 24.8 37.2#

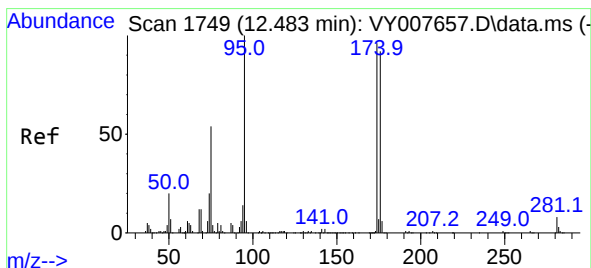
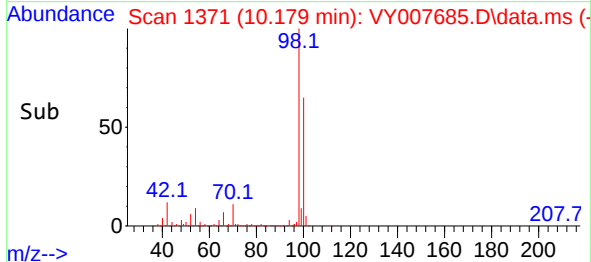
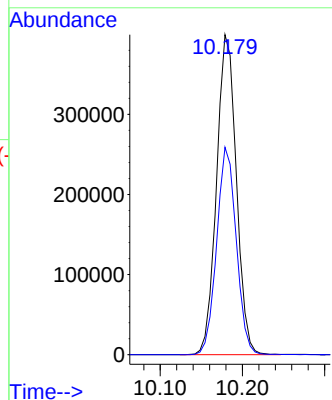
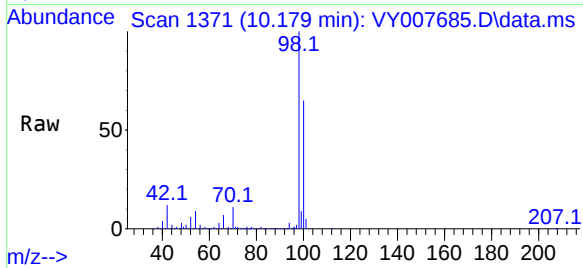




#50
Toluene-d8
Concen: 53.496 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

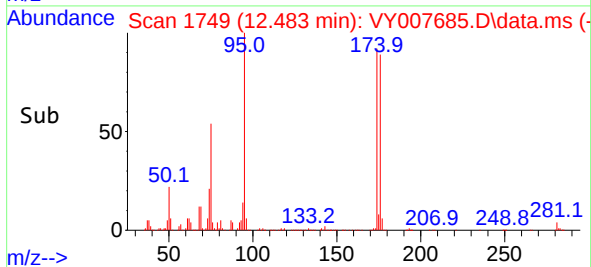
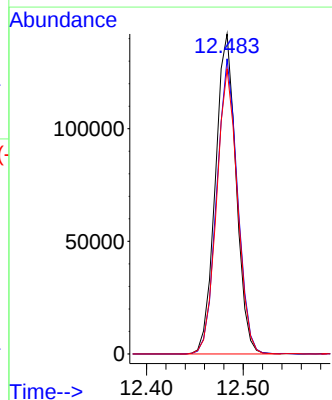
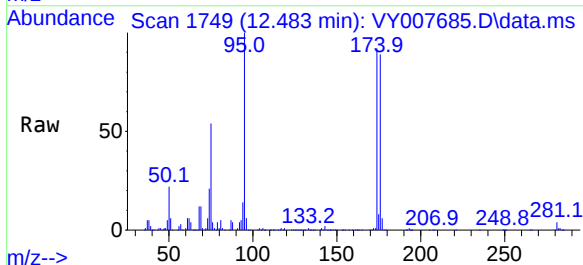
Instrument :
MSVOA_Y
ClientSampleId :
DUM-4

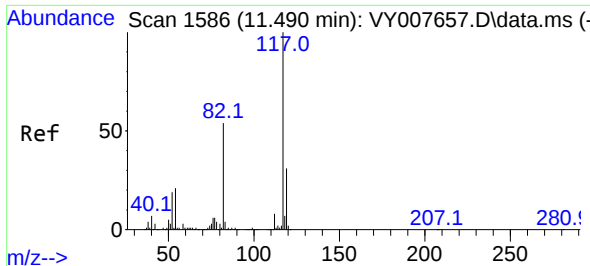
Tgt Ion: 98 Resp: 668652
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.466 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

Tgt Ion: 95 Resp: 211385
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 89.4 0.0 175.8

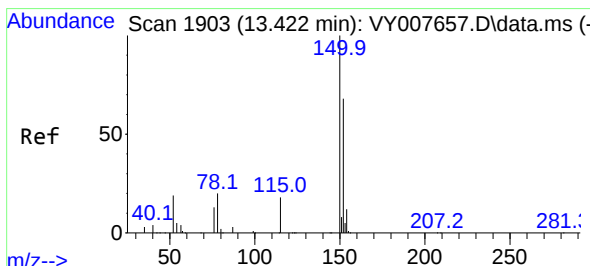
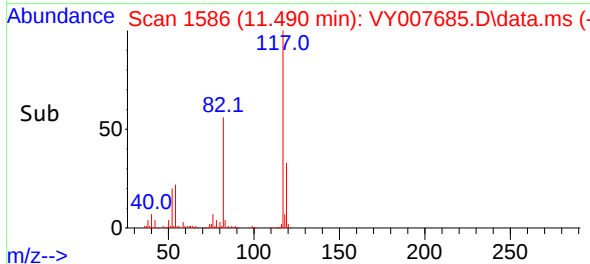
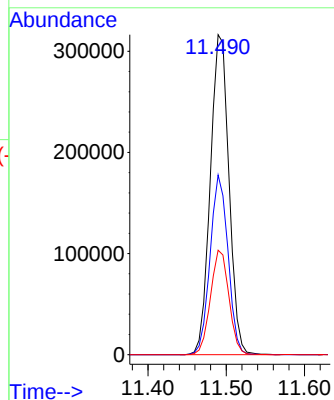
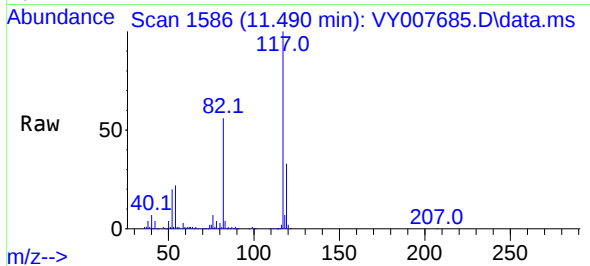




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

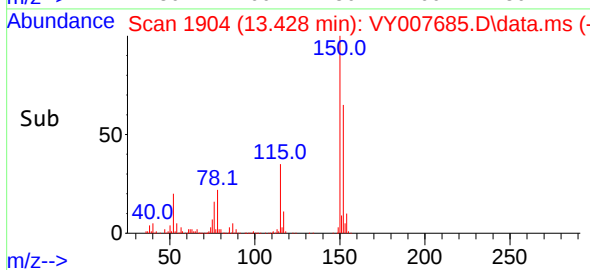
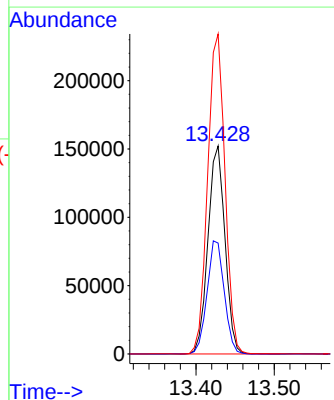
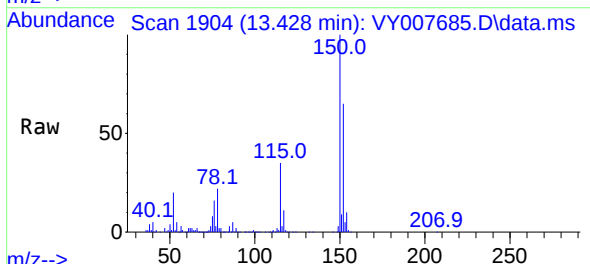
Instrument :
MSVOA_Y
ClientSampleId :
DUM-4

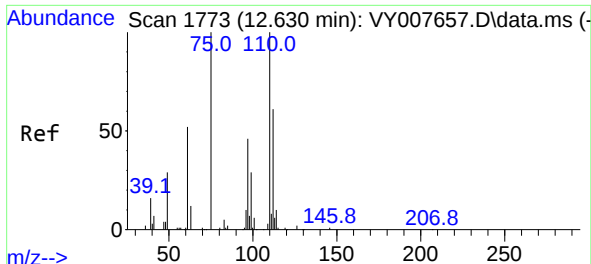
Tgt Ion:117 Resp: 522696
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

Tgt Ion:152 Resp: 229119
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 156.7 0.0 347.6

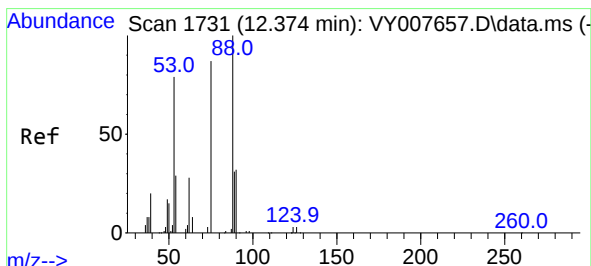
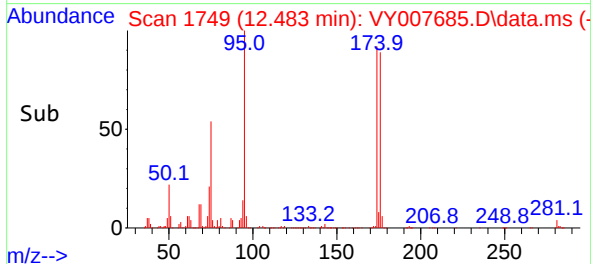
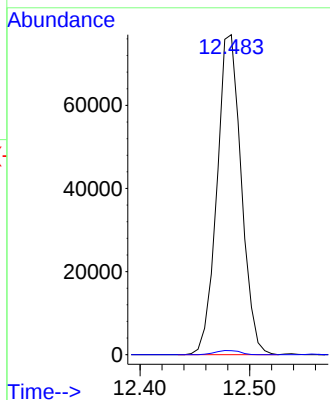
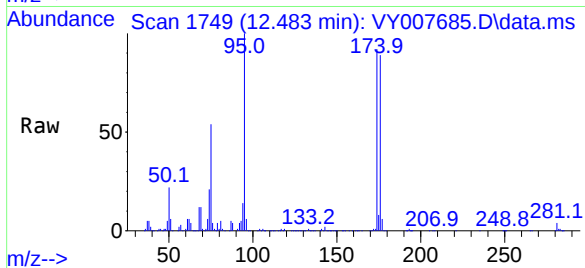




#76
1,2,3-Trichloropropane
Concen: 46.394 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

Instrument :
MSVOA_Y
ClientSampleId :
DUM-4

Tgt Ion: 75 Resp: 118708
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.846 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

Tgt Ion: 75 Resp: 118708
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

