

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030222\
 Data File : VY007687.D
 Acq On : 02 Mar 2022 12:48
 Operator : SY/MD
 Sample : N1722-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-7

Quant Time: Mar 03 00:34:00 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)

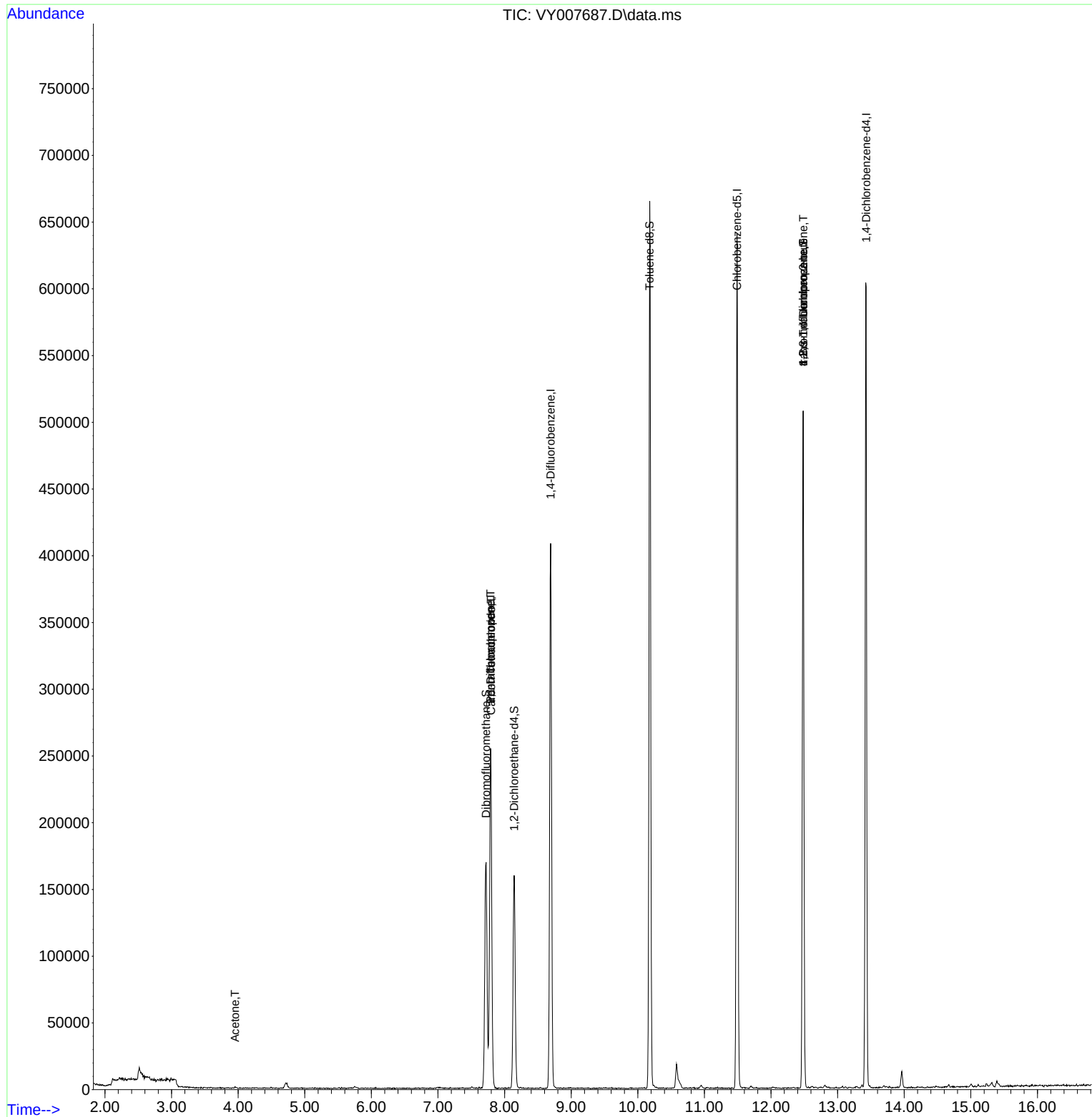
Internal Standards						
1) Pentafluorobenzene	7.789	168	197500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	354673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	346631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	121067	58.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.100%	
35) Dibromofluoromethane	7.722	113	118405	52.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.440%	
50) Toluene-d8	10.179	98	435670	52.195	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	12.483	95	137221	51.001	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.000%	
Target Compounds						
2) Dichlorodifluoromethane	2.101	85	40	Below Cal	#	43
3) Chloromethane	2.113	50	1929	Below Cal	#	85
13) Acrolein	3.729	56	29	Below Cal	#	1
16) Acetone	3.954	43	1337	3.179	ug/l	93
17) Carbon Disulfide	4.198	76	60	Below Cal	#	75
18) Methyl Acetate	4.466	43	208	Below Cal	#	56
20) Methylene Chloride	4.722	84	2826	Below Cal	#	72
31) Cyclohexane	7.789	56	4307	Below Cal	#	5
36) 1,1-Dichloropropene	7.789	75	15203	4.262	ug/l	# 53
38) Carbon Tetrachloride	7.795	117	19376	5.092	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	77984	46.713	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	77984	95.499	ug/l	# 7

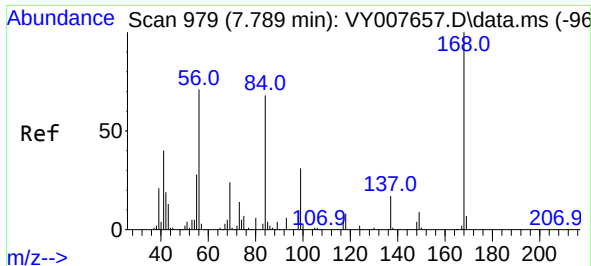
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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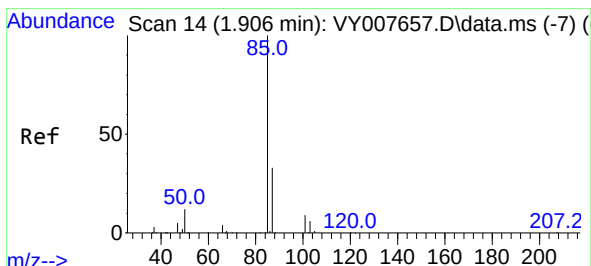
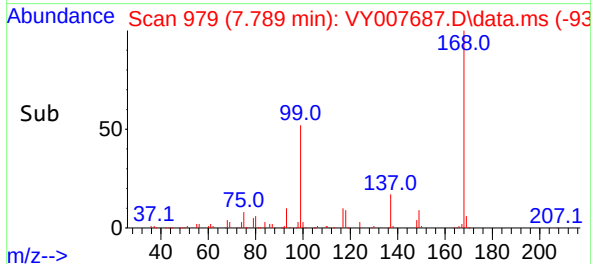
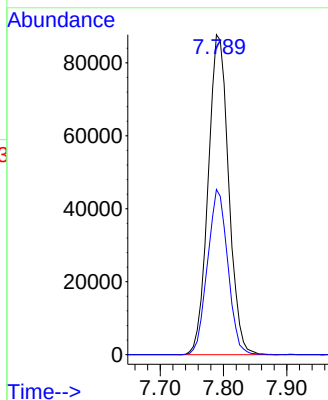
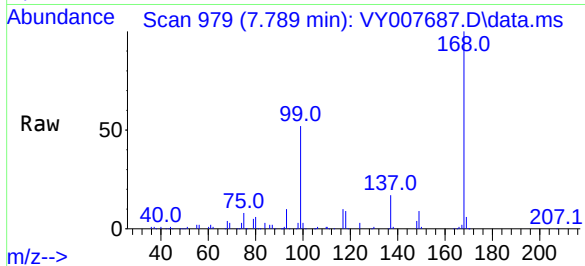




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007687.D
Acq: 02 Mar 2022 12:48

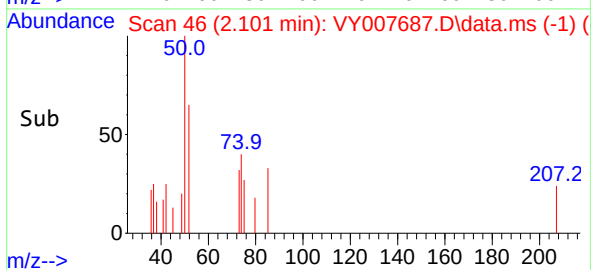
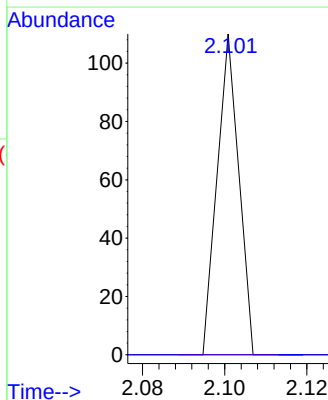
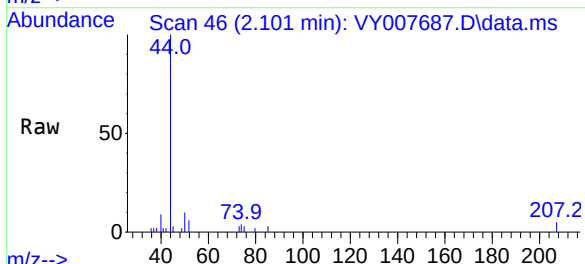
Instrument :
MSVOA_Y
ClientSampleId :
DUM-7

Tgt Ion:168 Resp: 197500
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3

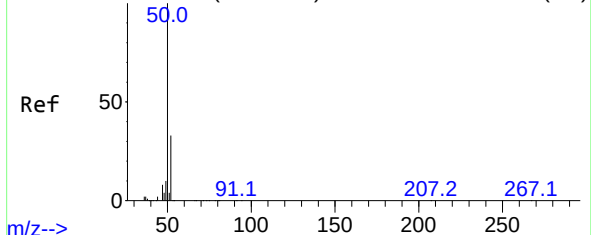


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.101 min Scan# 46
Delta R.T. 0.195 min
Lab File: VY007687.D
Acq: 02 Mar 2022 12:48

Tgt Ion: 85 Resp: 40
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: VY007687.D

Acq: 02 Mar 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

DUM-7

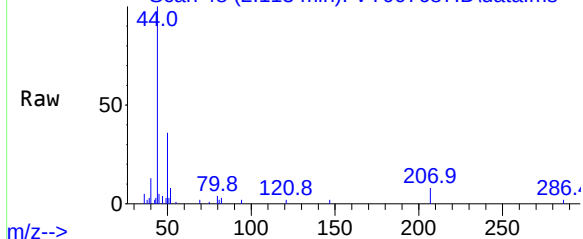
Tgt Ion: 50 Resp: 1929

Ion Ratio Lower Upper

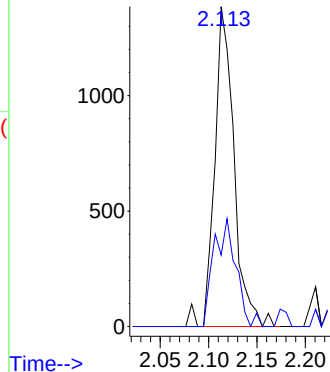
50 100

52 22.4 24.6 37.0#

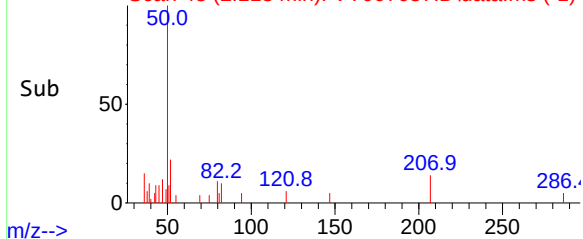
Abundance Scan 48 (2.113 min): VY007687.D\data.ms



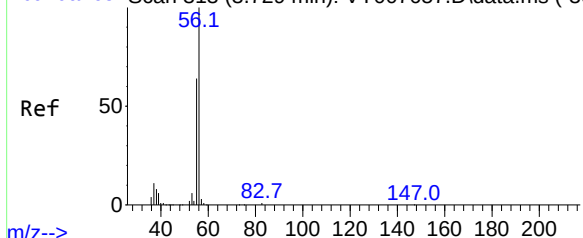
Abundance



Abundance Scan 48 (2.113 min): VY007687.D\data.ms (-1)



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



#13

Acrolein

Concen: Below Cal

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY007687.D

Acq: 02 Mar 2022 12:48

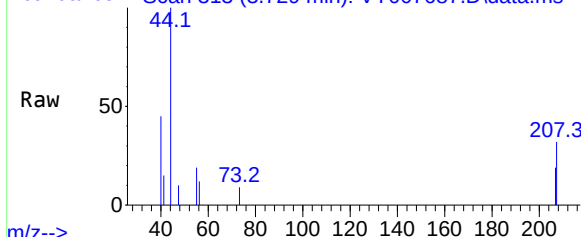
Tgt Ion: 56 Resp: 29

Ion Ratio Lower Upper

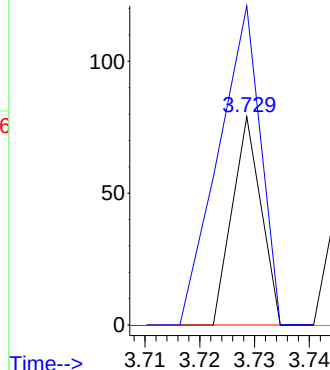
56 100

55 224.1 57.6 86.4#

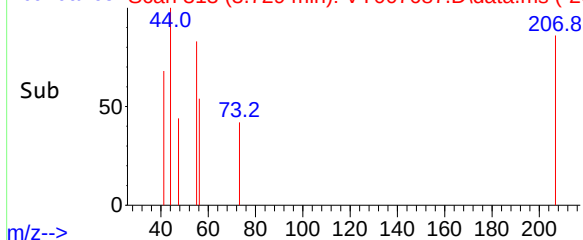
Abundance Scan 313 (3.729 min): VY007687.D\data.ms

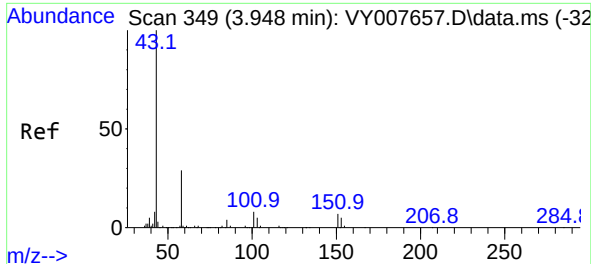


Abundance



Abundance Scan 313 (3.729 min): VY007687.D\data.ms (-26)





#16

Acetone

Concen: 3.179 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY007687.D

Acq: 02 Mar 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

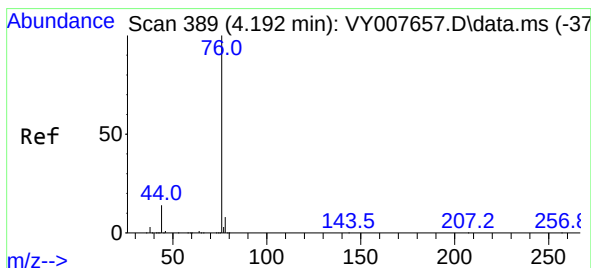
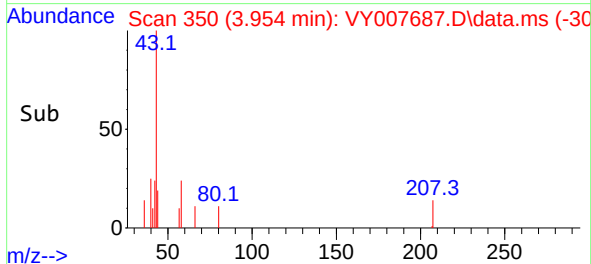
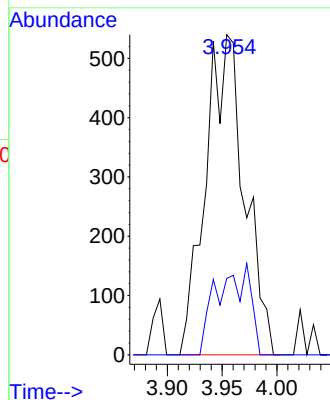
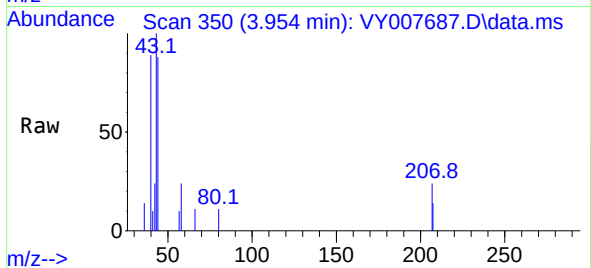
DUM-7

Tgt Ion: 43 Resp: 1337

Ion Ratio Lower Upper

43 100

58 23.9 22.0 33.0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY007687.D

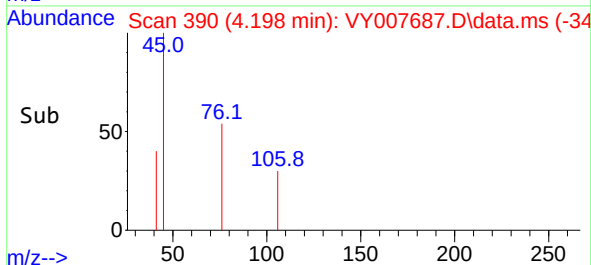
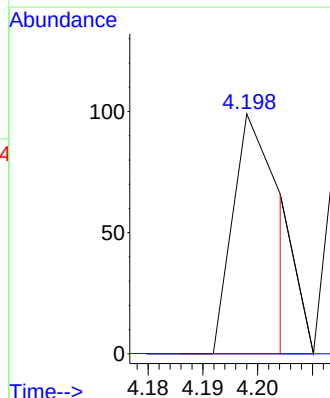
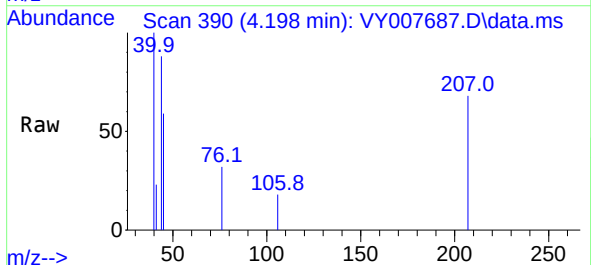
Acq: 02 Mar 2022 12:48

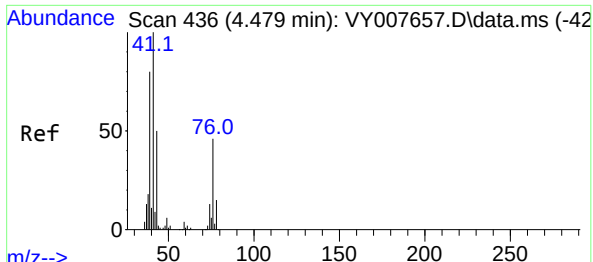
Tgt Ion: 76 Resp: 60

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

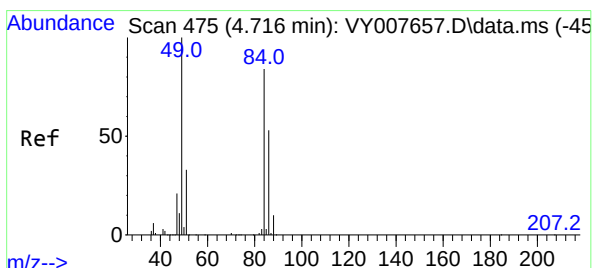
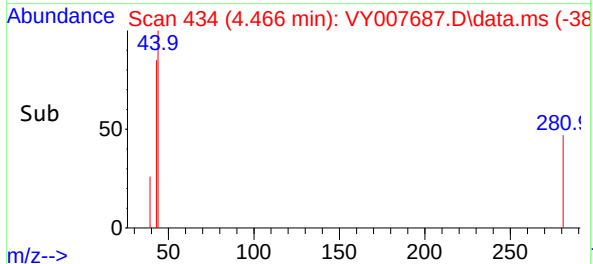
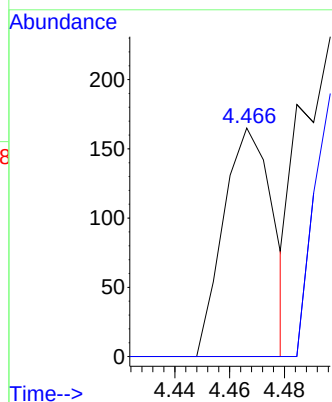
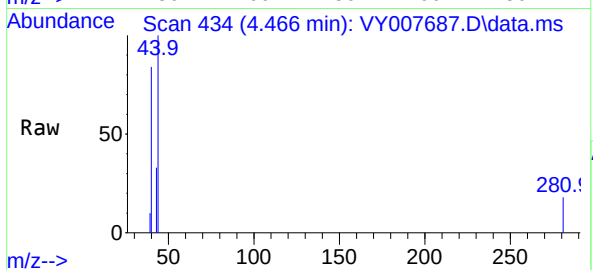




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY007687.D
Acq: 02 Mar 2022 12:48

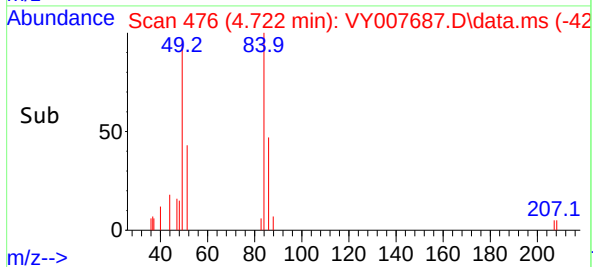
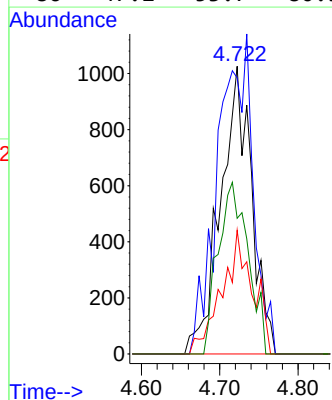
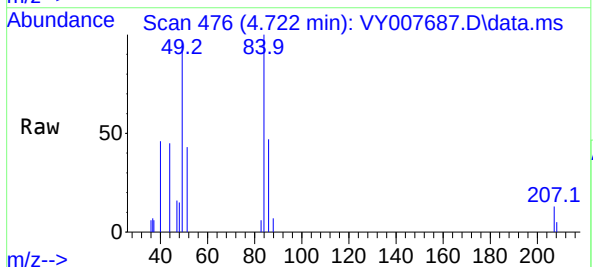
Instrument :
MSVOA_Y
ClientSampleId :
DUM-7

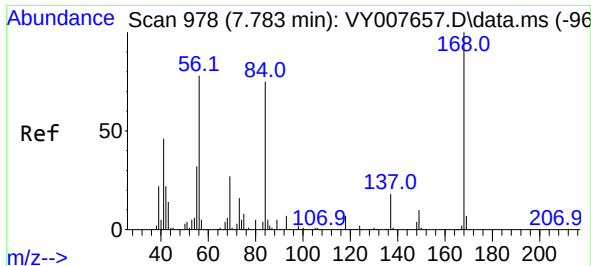
Tgt Ion: 43 Resp: 208
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007687.D
Acq: 02 Mar 2022 12:48

Tgt Ion: 84 Resp: 2826
Ion Ratio Lower Upper
84 100
49 96.0 114.4 171.6#
51 43.0 35.3 52.9
86 47.2 53.7 80.5#

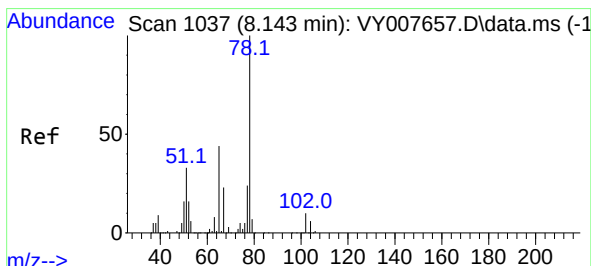
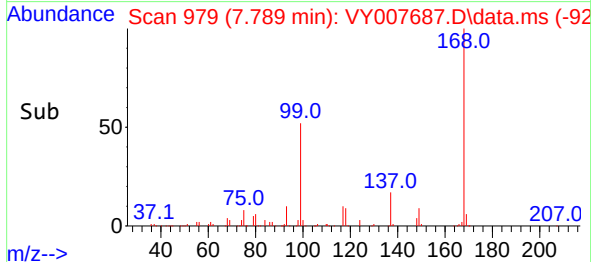
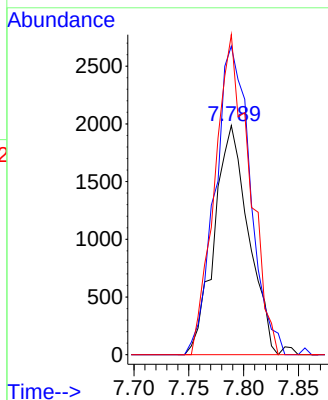
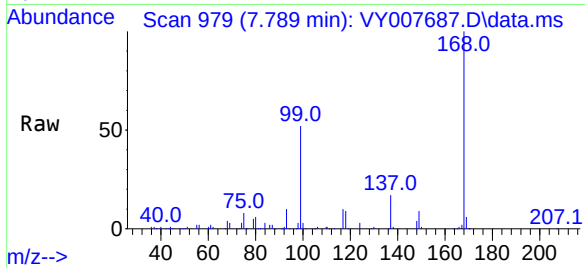




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007687.D
Acq: 02 Mar 2022 12:48

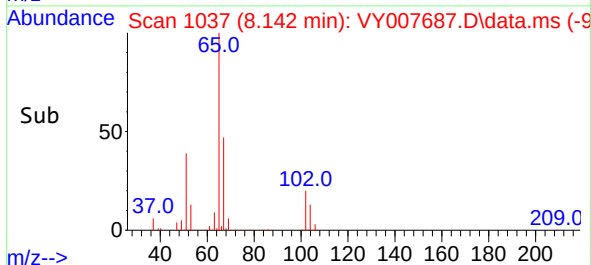
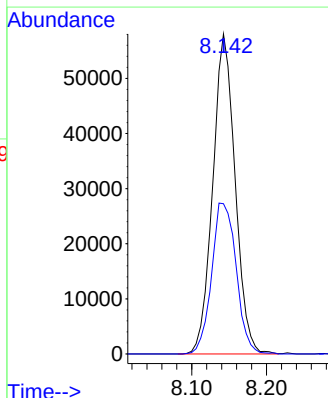
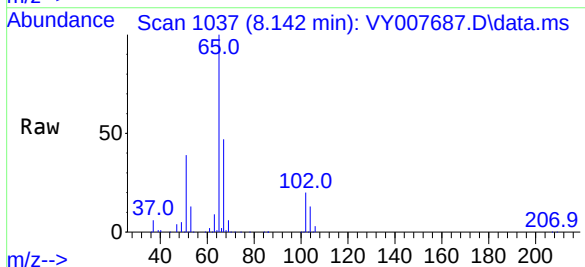
Instrument :
MSVOA_Y
ClientSampleId :
DUM-7

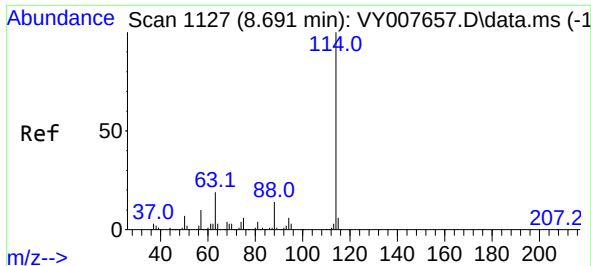
Tgt Ion: 56 Resp: 4307
Ion Ratio Lower Upper
56 100
69 134.7 26.7 40.1#
84 139.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.553 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007687.D
Acq: 02 Mar 2022 12:48

Tgt Ion: 65 Resp: 121067
Ion Ratio Lower Upper
65 100
67 51.7 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: VY007687.D

Acq: 02 Mar 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

DUM-7

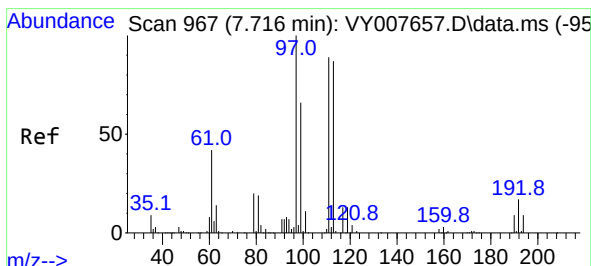
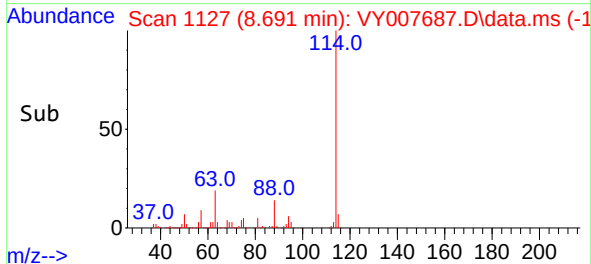
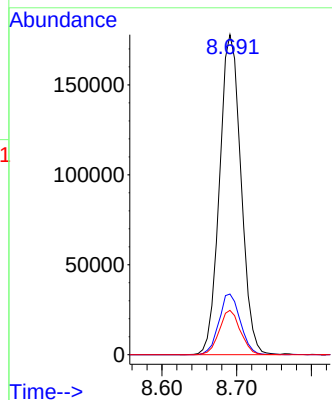
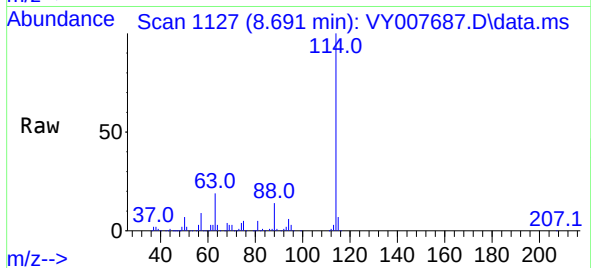
Tgt Ion:114 Resp: 354673

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.217 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007687.D

Acq: 02 Mar 2022 12:48

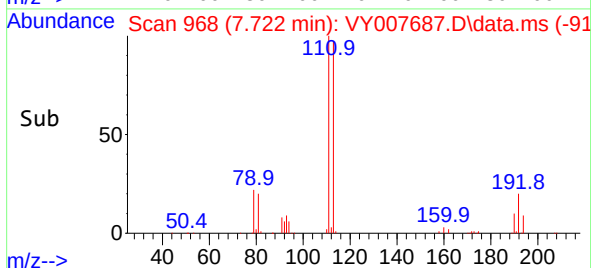
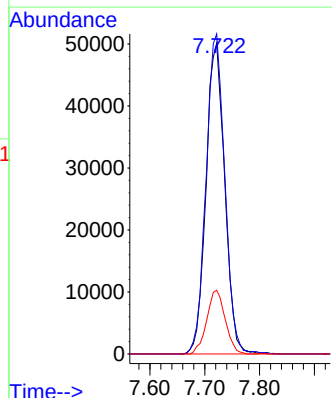
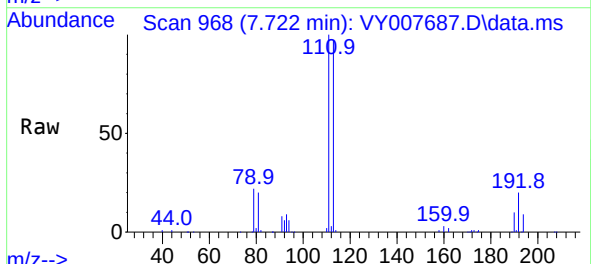
Tgt Ion:113 Resp: 118405

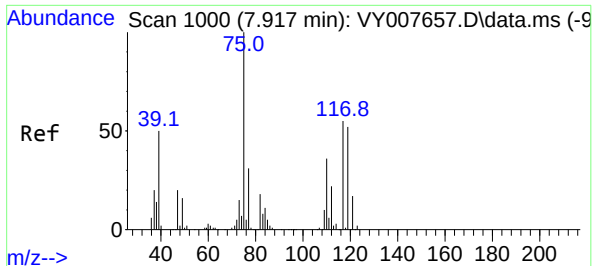
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 20.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.262 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007687.D

Acq: 02 Mar 2022 12:48

Instrument :

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ClientSampleId :

DUM-7

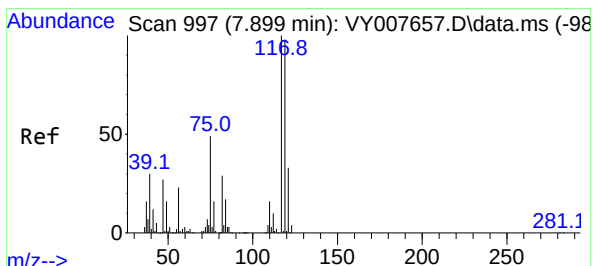
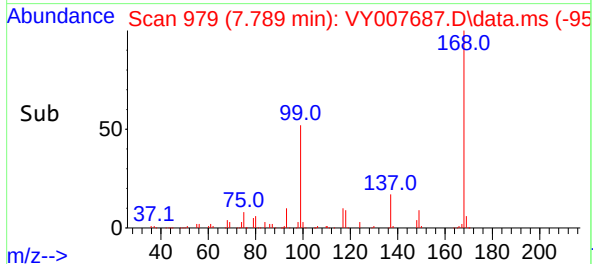
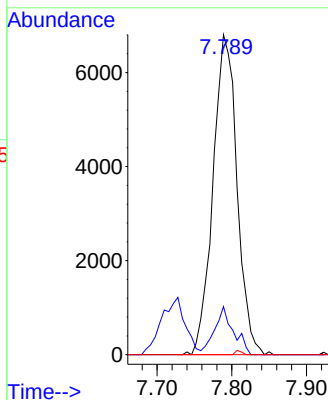
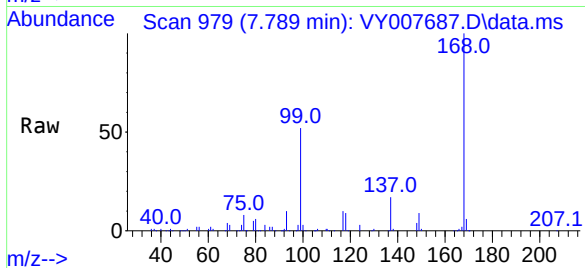
Tgt Ion: 75 Resp: 15203

Ion Ratio Lower Upper

75 100

110 11.8 17.1 51.2#

77 0.3 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.092 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY007687.D

Acq: 02 Mar 2022 12:48

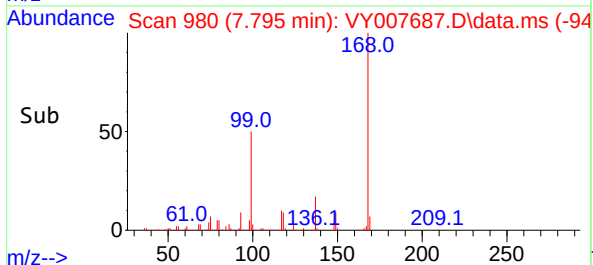
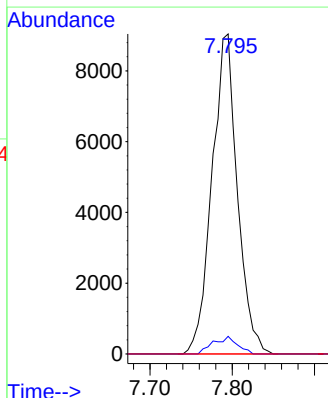
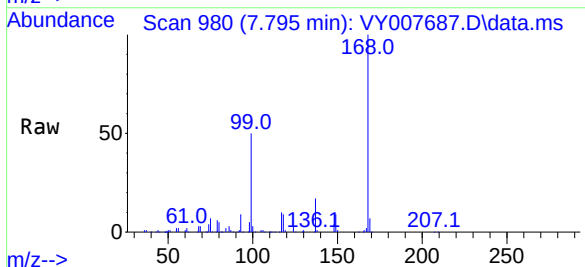
Tgt Ion: 117 Resp: 19376

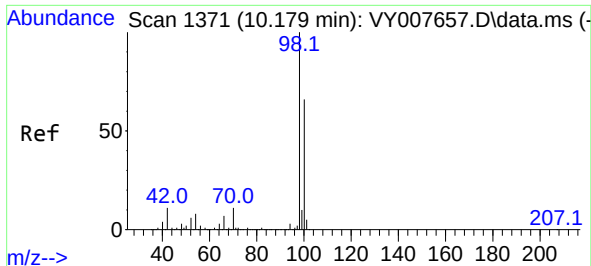
Ion Ratio Lower Upper

117 100

119 5.5 77.9 116.9#

121 0.0 24.8 37.2#

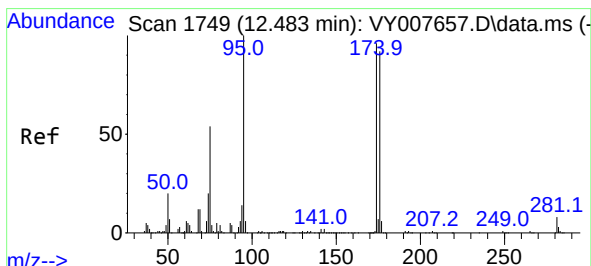
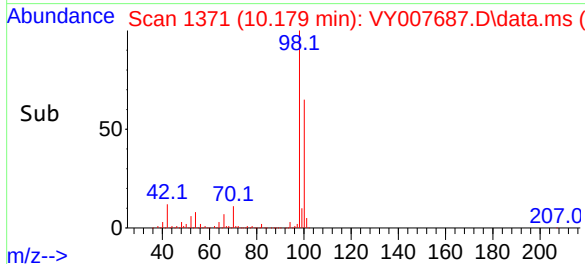
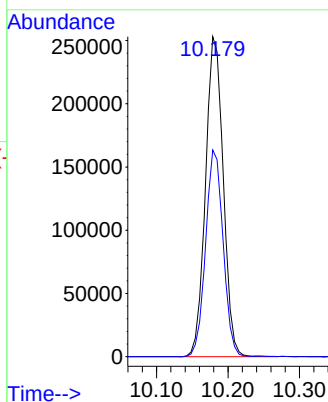
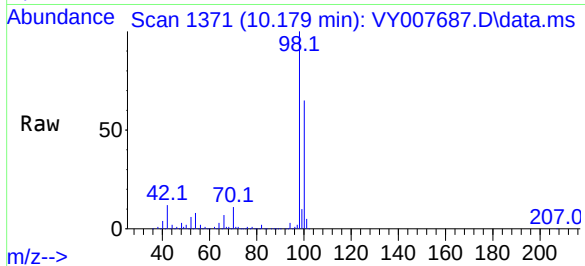




#50
Toluene-d8
Concen: 52.195 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007687.D
Acq: 02 Mar 2022 12:48

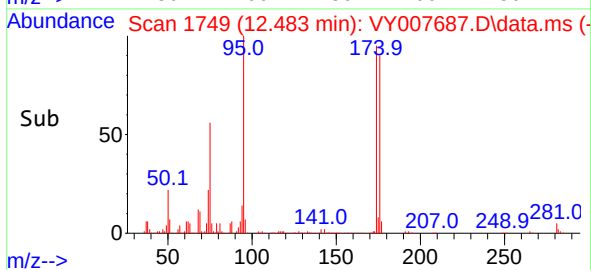
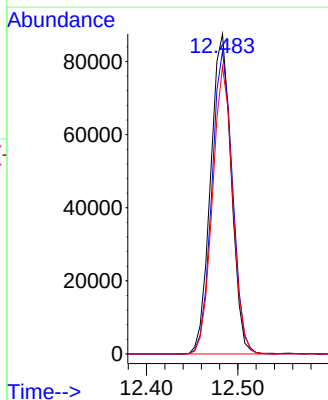
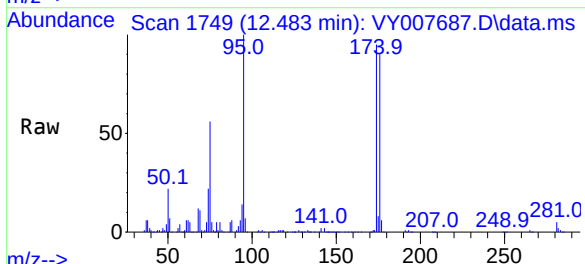
Instrument :
MSVOA_Y
ClientSampleId :
DUM-7

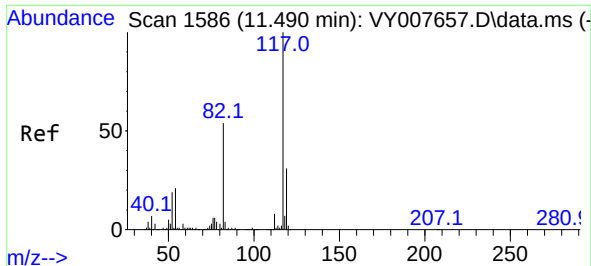
Tgt Ion: 98 Resp: 435670
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.001 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007687.D
Acq: 02 Mar 2022 12:48

Tgt Ion: 95 Resp: 137221
Ion Ratio Lower Upper
95 100
174 94.6 0.0 177.0
176 88.1 0.0 175.8

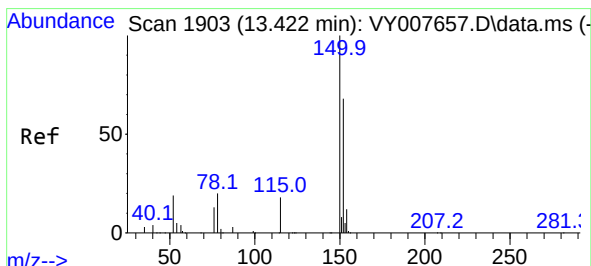
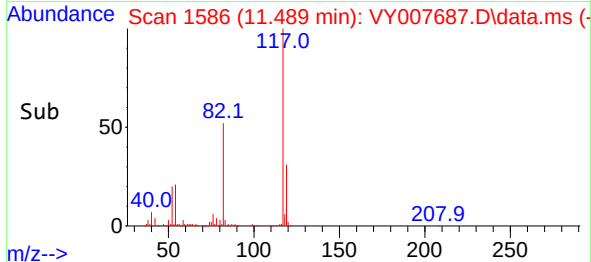
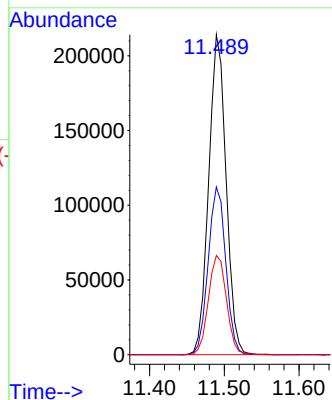
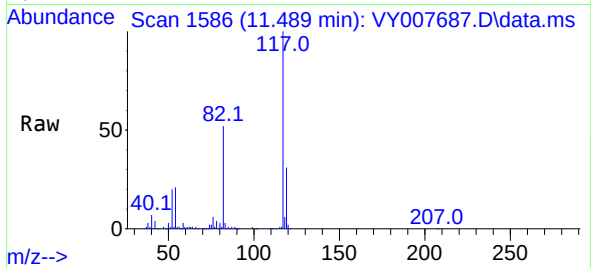




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007687.D
Acq: 02 Mar 2022 12:48

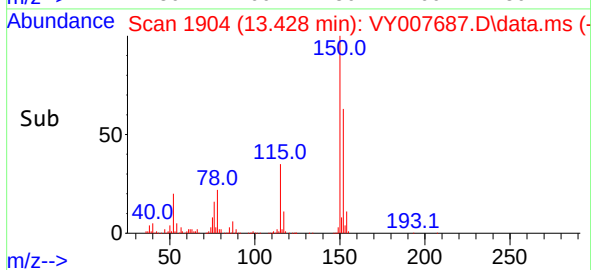
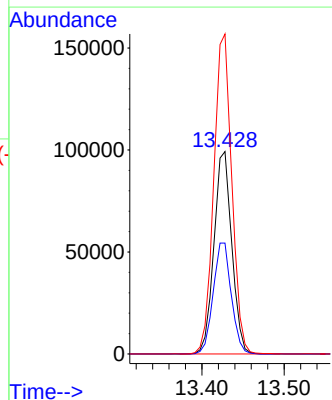
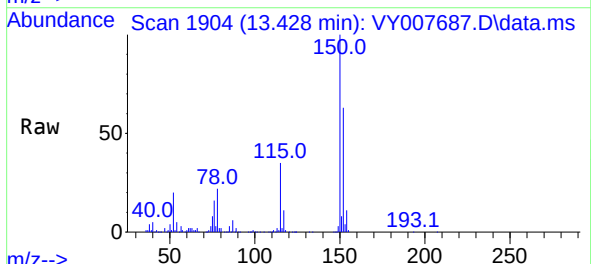
Instrument :
MSVOA_Y
ClientSampleId :
DUM-7

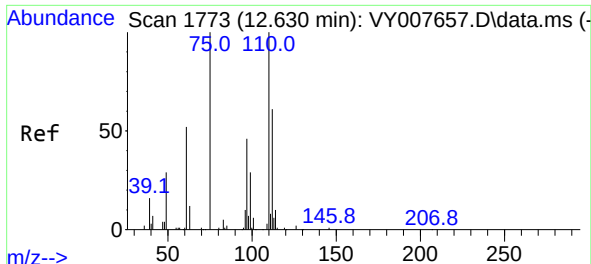
Tgt Ion:117 Resp: 346631
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007687.D
Acq: 02 Mar 2022 12:48

Tgt Ion:152 Resp: 149488
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 159.6 0.0 347.6

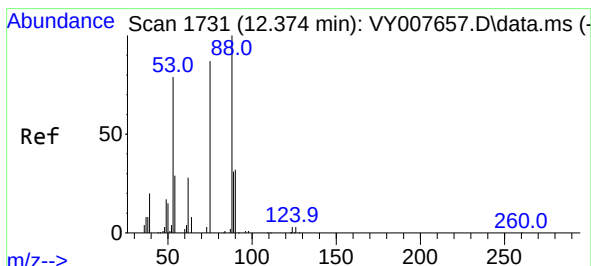
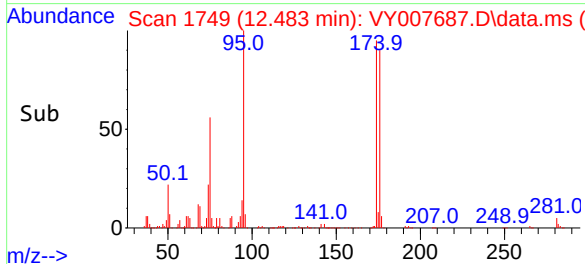
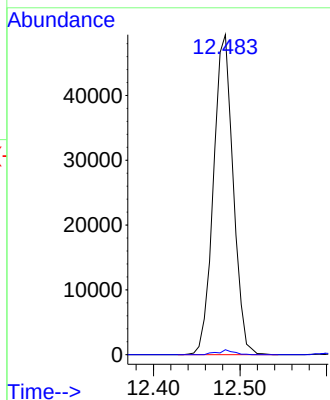
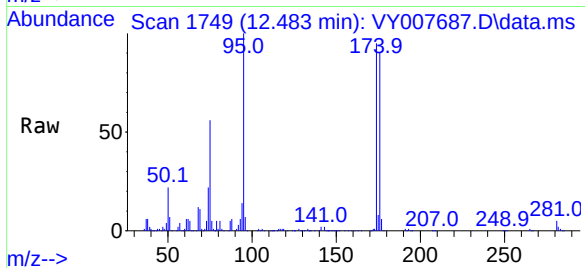




#76
1,2,3-Trichloropropane
Concen: 46.713 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007687.D
Acq: 02 Mar 2022 12:48

Instrument :
MSVOA_Y
ClientSampleId :
DUM-7

Tgt Ion: 75 Resp: 77984
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.499 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007687.D
Acq: 02 Mar 2022 12:48

Tgt Ion: 75 Resp: 77984
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

