

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006478.D
 Acq On : 26 Oct 2021 14:02
 Operator : SY/MD
 Sample : M4332-05
 Misc : 6.55G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 05:25:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

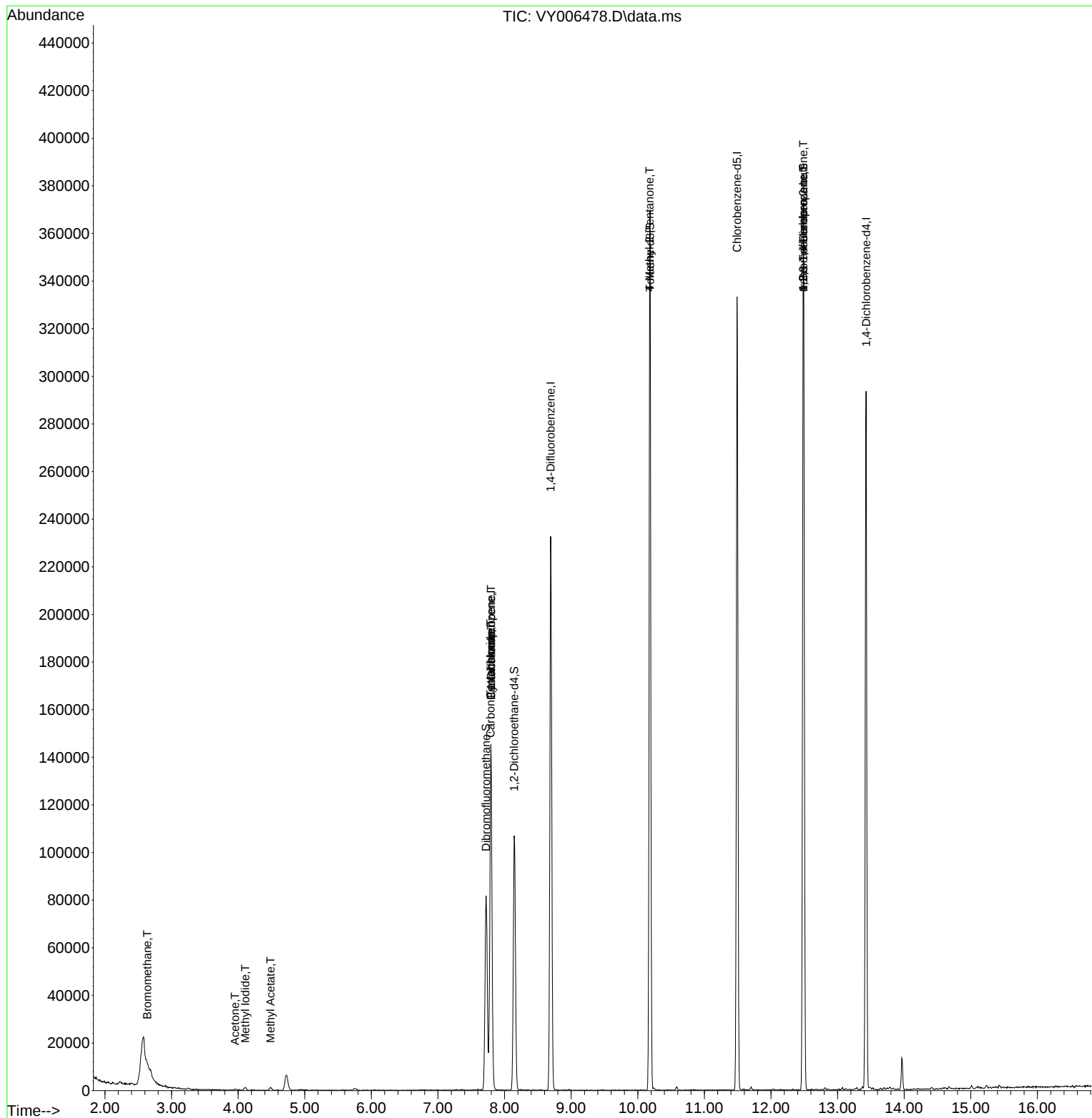
Internal Standards						
1) Pentafluorobenzene	7.795	168	109273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	181581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	166160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89433	66.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.020%	
35) Dibromofluoromethane	7.722	113	54903	54.248	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.500%	
50) Toluene-d8	10.185	98	230639	53.757	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.520%	
62) 4-Bromofluorobenzene	12.483	95	71242	49.294	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.638	94	1021	1.006	ug/l #	80
10) Methyl Iodide	4.107	142	1892	6.640	ug/l #	93
16) Acetone	3.954	43	762	1.968	ug/l	93
18) Methyl Acetate	4.485	43	2127	1.694	ug/l	99
20) Methylene Chloride	4.735	84	4585	Below Cal		91
31) Cyclohexane	7.795	56	2497	1.147	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8952	4.990	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10644	5.378	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1173	1.016	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	42546	58.454	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42546	120.004	ug/l #	7

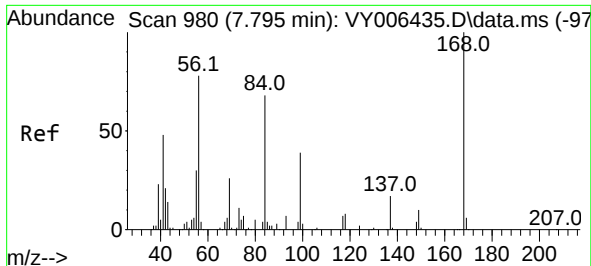
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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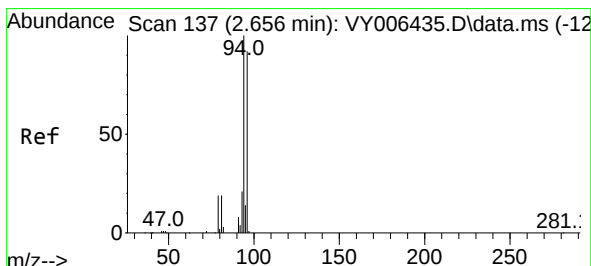
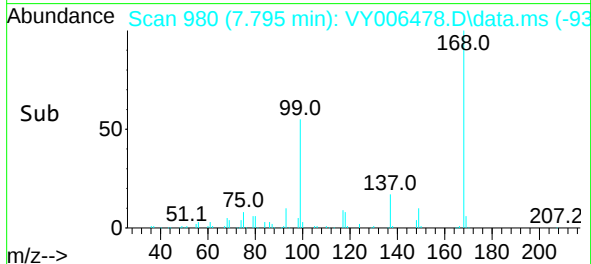
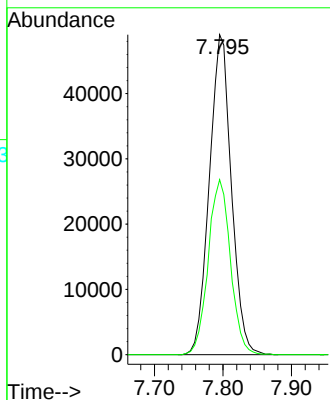
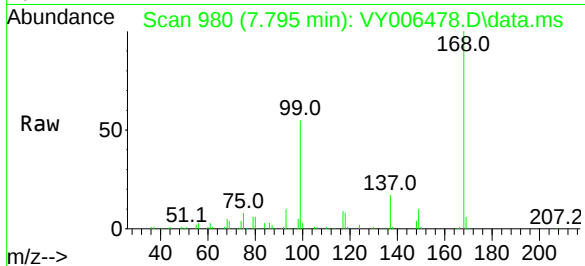




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

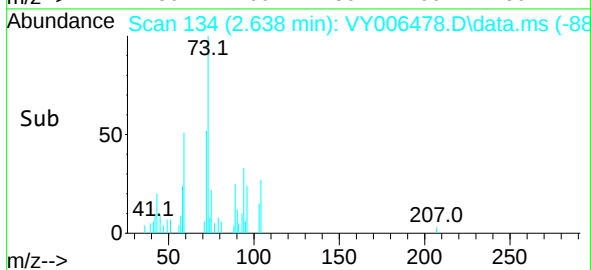
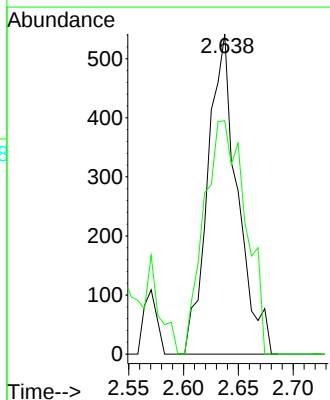
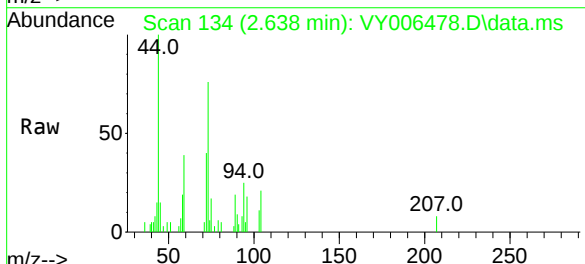
Instrument :
MSVOA_Y
ClientSampleId :

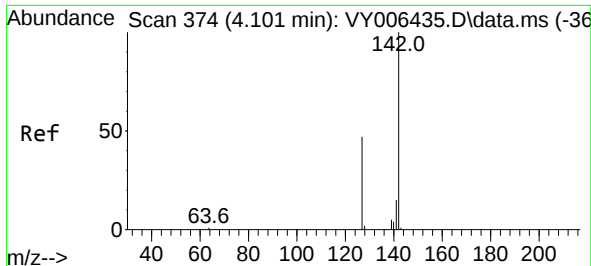
Tgt Ion:168 Resp: 109273
Ion Ratio Lower Upper
168 100
99 54.7 44.8 67.2



#5
Bromomethane
Concen: 1.006 ug/l
RT: 2.638 min Scan# 134
Delta R.T. -0.018 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

Tgt Ion: 94 Resp: 1021
Ion Ratio Lower Upper
94 100
96 72.9 73.5 110.3#

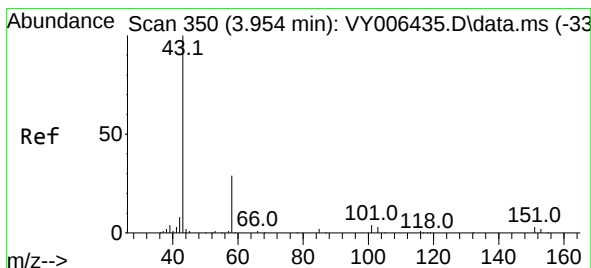
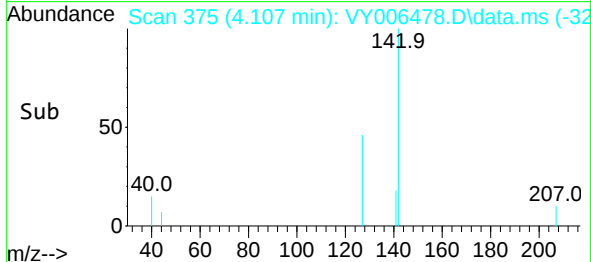
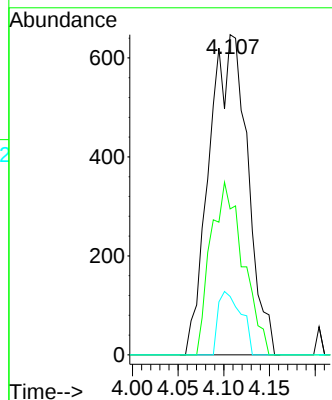
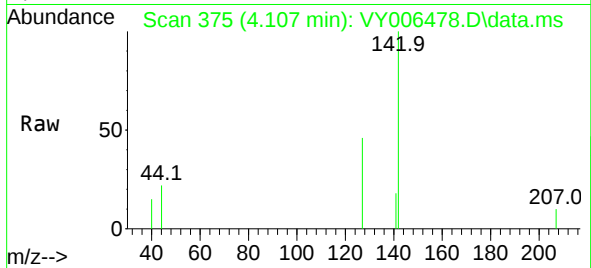




#10
Methyl Iodide
Concen: 6.640 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

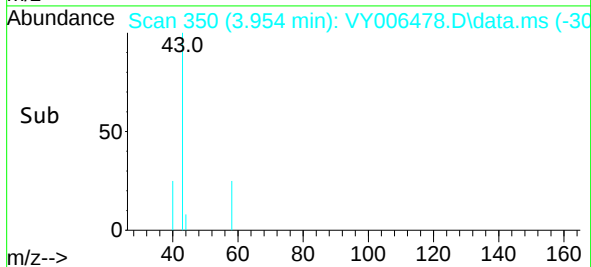
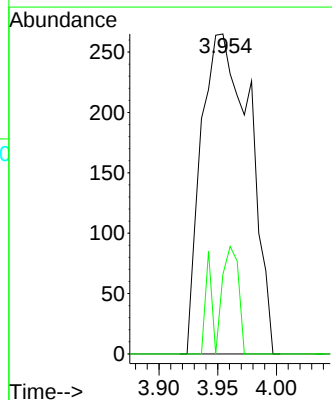
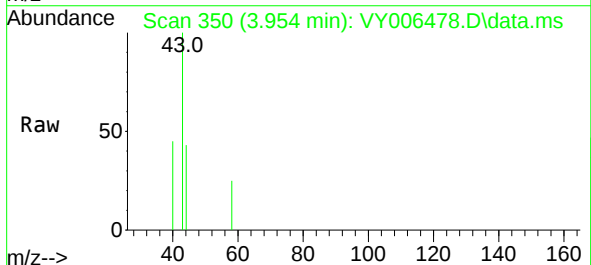
Instrument :
MSVOA_Y
ClientSampleId :

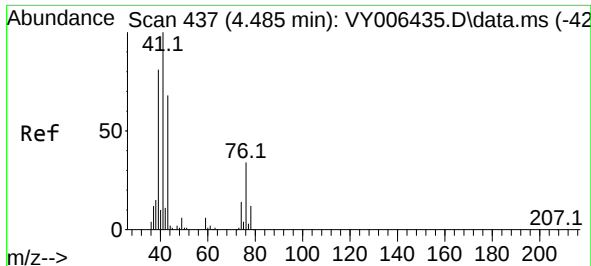
Tgt Ion:142 Resp: 1892
Ion Ratio Lower Upper
142 100
127 45.6 40.1 60.1
141 11.8 12.5 18.7#



#16
Acetone
Concen: 1.968 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

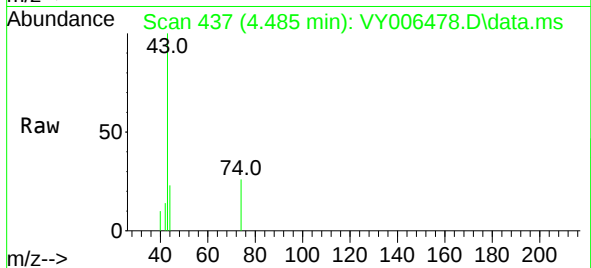
Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
58 24.9 22.9 34.3



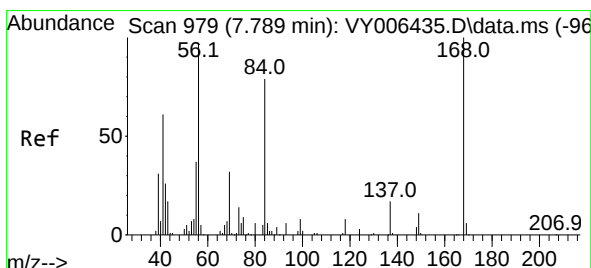
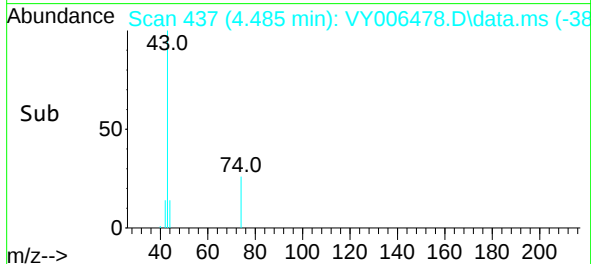
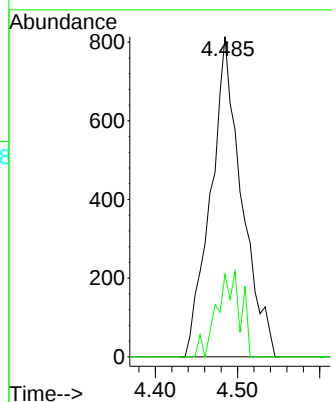


#18
Methyl Acetate
Concen: 1.694 ug/l
RT: 4.485 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

Instrument :
MSVOA_Y
ClientSampleId :

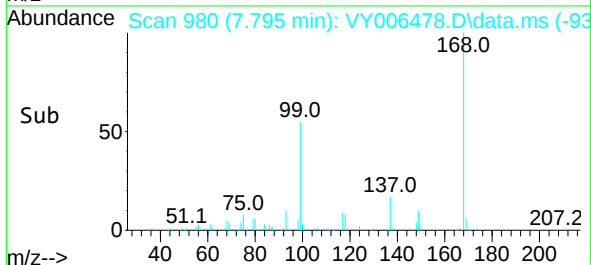
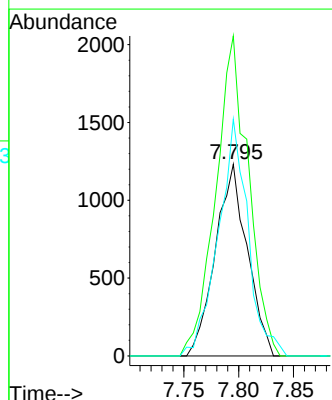
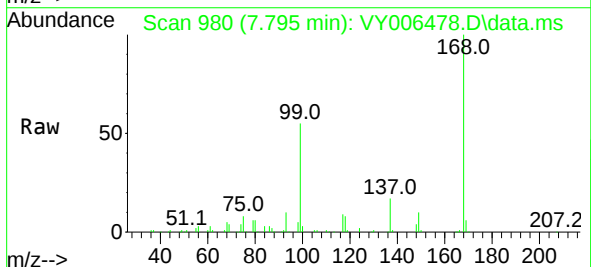


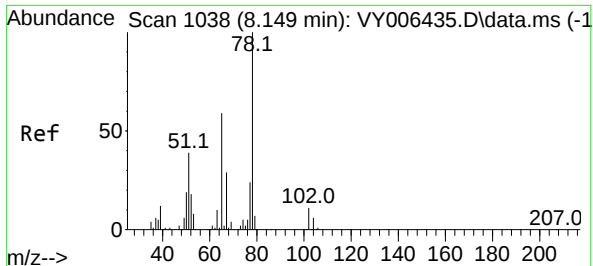
Tgt Ion: 43 Resp: 2127
Ion Ratio Lower Upper
43 100
74 20.3 16.6 25.0



#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

Tgt Ion: 56 Resp: 2497
Ion Ratio Lower Upper
56 100
69 167.0 26.6 40.0#
84 123.6 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 66.509 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY006478.D

Acq: 26 Oct 2021 14:02

Instrument :

MSVOA_Y

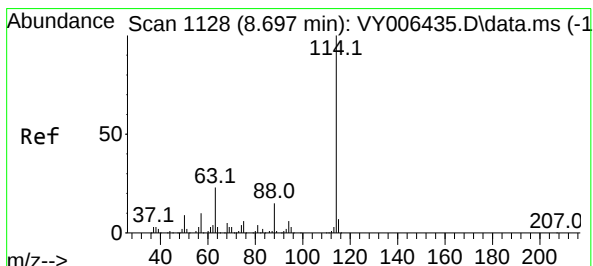
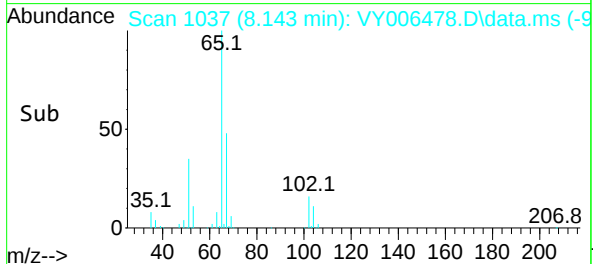
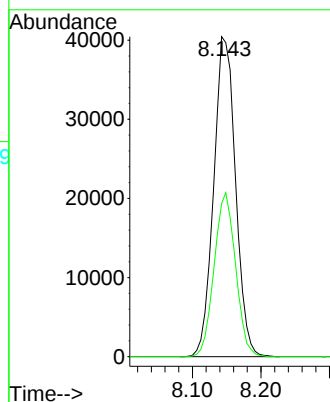
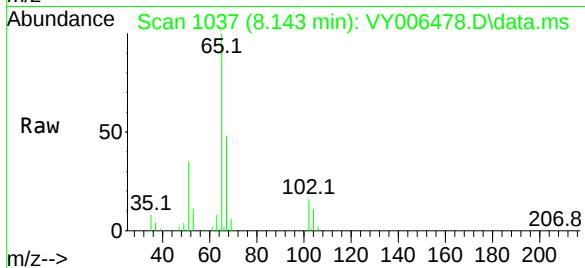
ClientSampleId :

Tgt Ion: 65 Resp: 89433

Ion Ratio Lower Upper

65 100

67 50.1 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006478.D

Acq: 26 Oct 2021 14:02

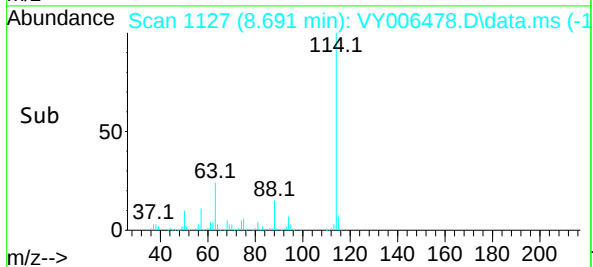
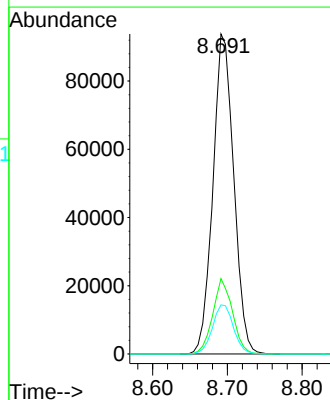
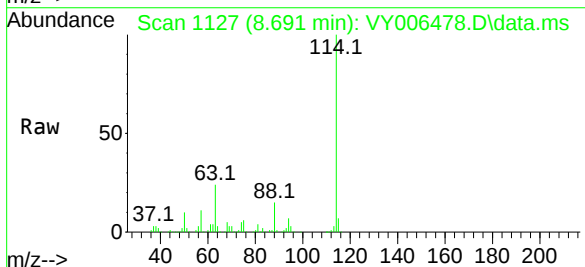
Tgt Ion: 114 Resp: 181581

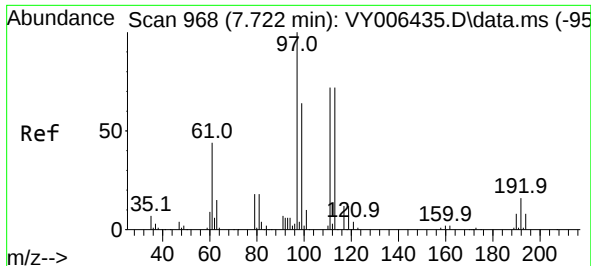
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

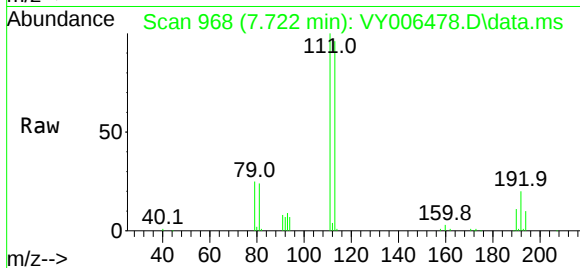
88 15.4 0.0 30.6



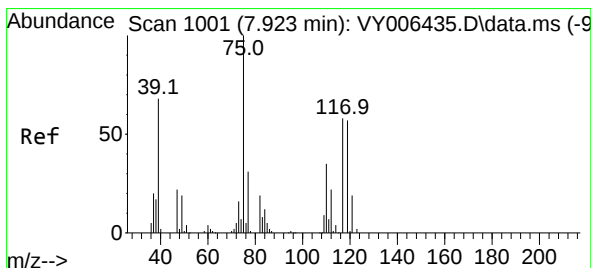
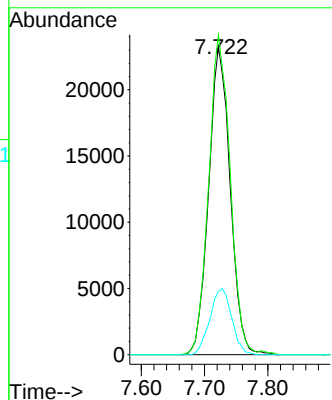
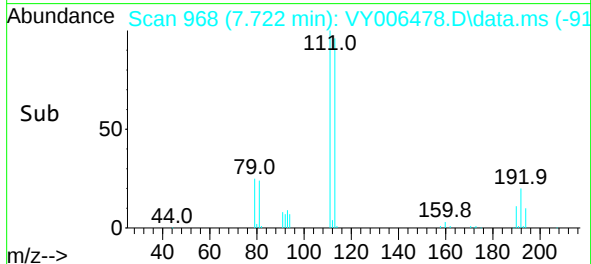


#35
Dibromofluoromethane
Concen: 54.248 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

Instrument :
MSVOA_Y
ClientSampleId :

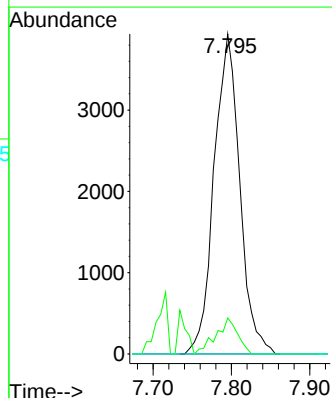
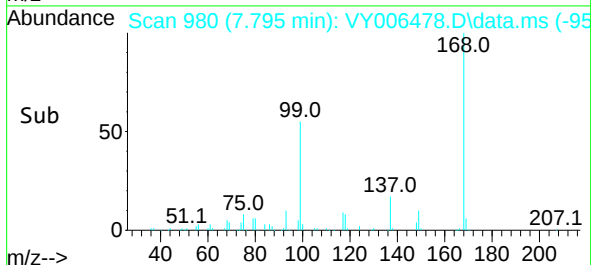
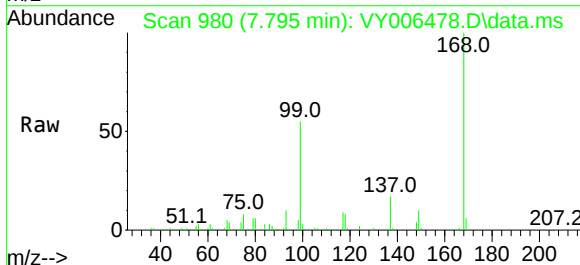


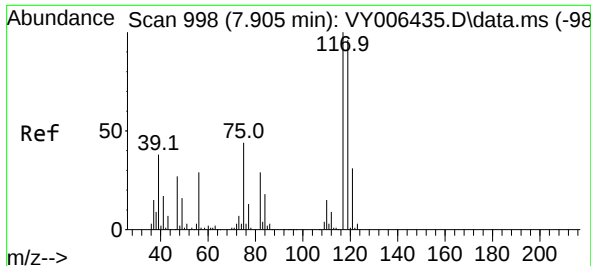
Tgt Ion:113 Resp: 54903
Ion Ratio Lower Upper
113 100
111 103.9 82.3 123.5
192 21.8 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.990 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

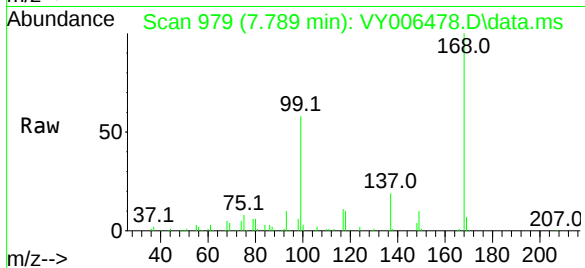
Tgt Ion: 75 Resp: 8952
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.3#
77 0.0 24.9 37.3#



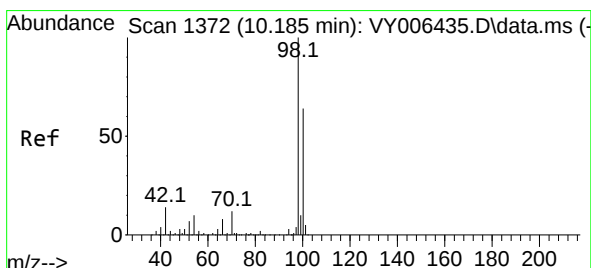
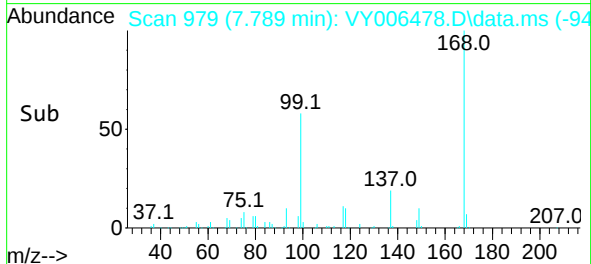
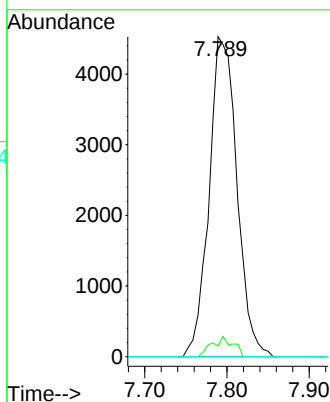


#38
Carbon Tetrachloride
Concen: 5.378 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

Instrument :
MSVOA_Y
ClientSampleId :

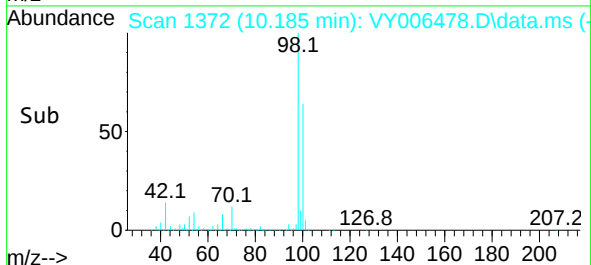
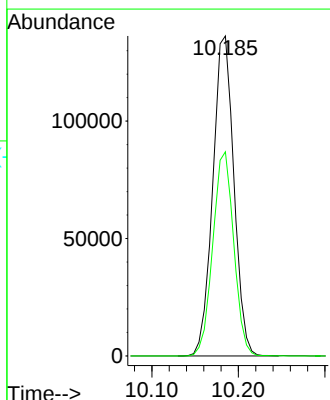
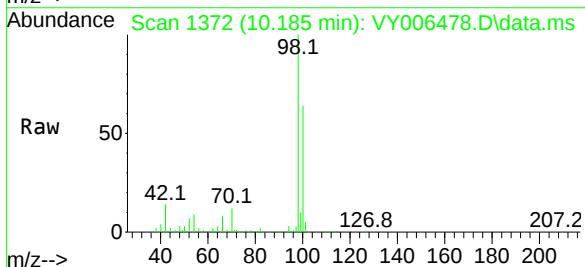


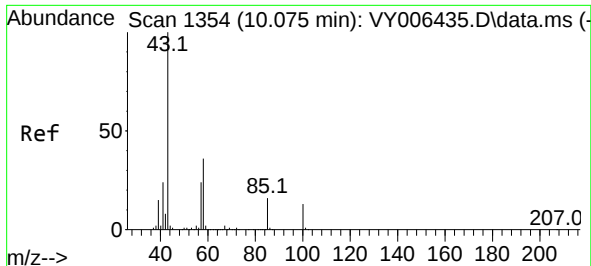
Tgt Ion:117 Resp: 10644
Ion Ratio Lower Upper
117 100
119 3.4 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.757 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

Tgt Ion: 98 Resp: 230639
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

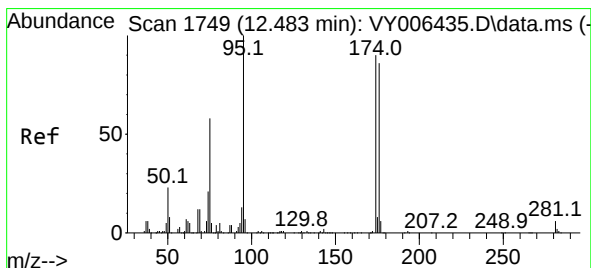
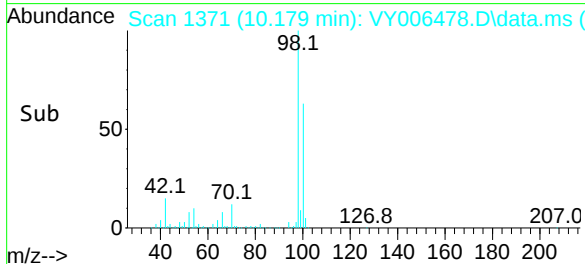
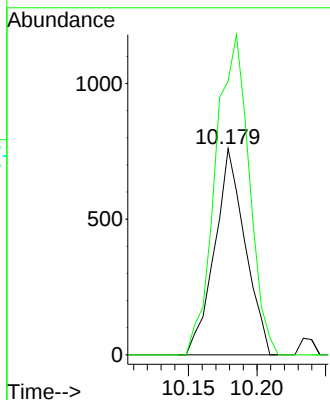
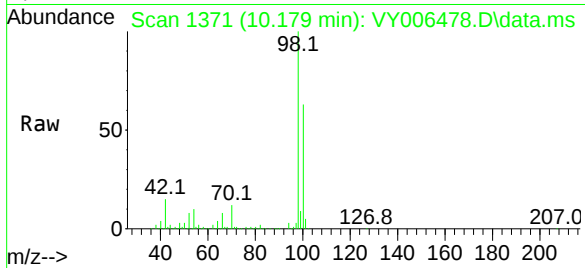




#51
4-Methyl-2-Pentanone
Concen: 1.016 ug/l
RT: 10.179 min Scan# 1173
Delta R.T. 0.104 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

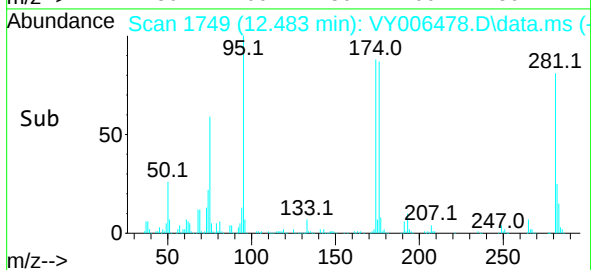
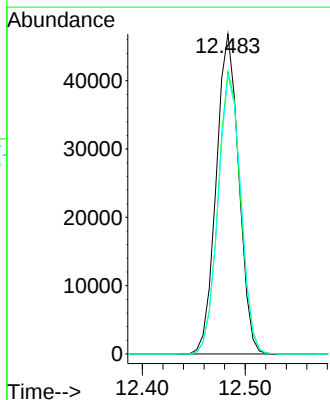
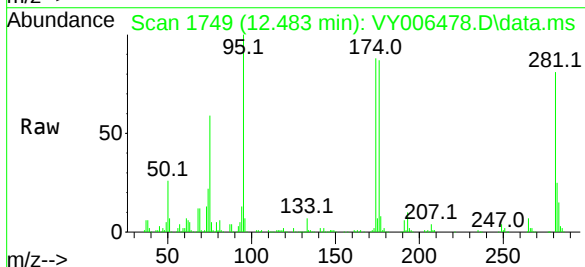
Instrument :
MSVOA_Y
ClientSampleId :

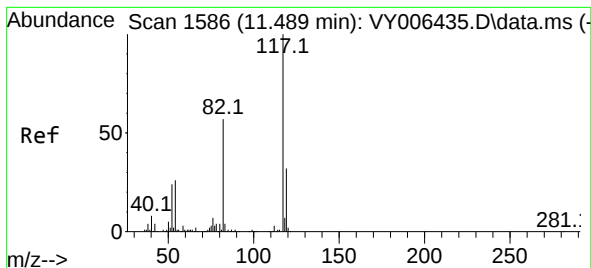
Tgt Ion: 43 Resp: 1173
Ion Ratio Lower Upper
43 100
58 172.1 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 49.294 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

Tgt Ion: 95 Resp: 71242
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 88.3 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

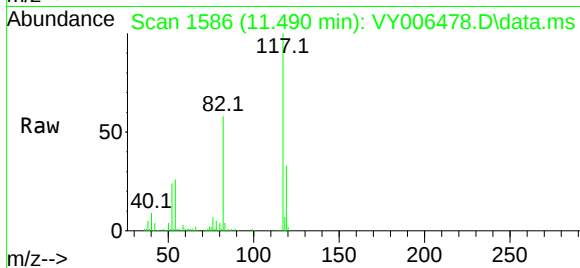
Lab File: VY006478.D

Acq: 26 Oct 2021 14:02

Instrument :

MSVOA_Y

ClientSampleId :



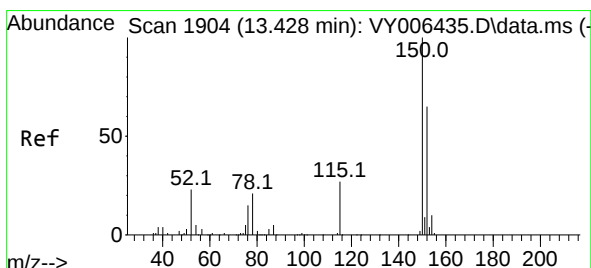
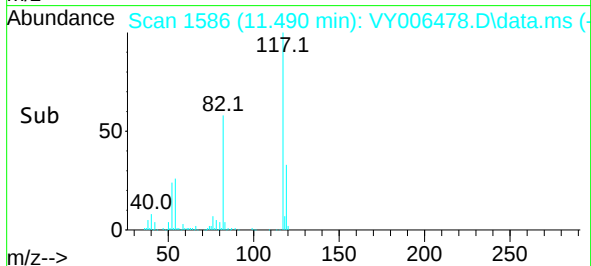
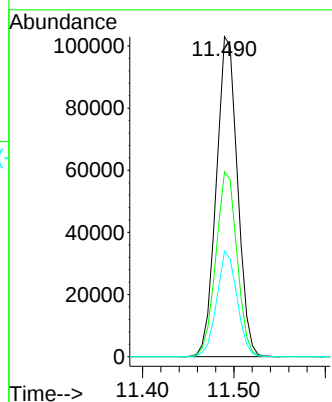
Tgt Ion:117 Resp: 166160

Ion Ratio Lower Upper

117 100

82 57.7 45.7 68.5

119 33.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY006478.D

Acq: 26 Oct 2021 14:02

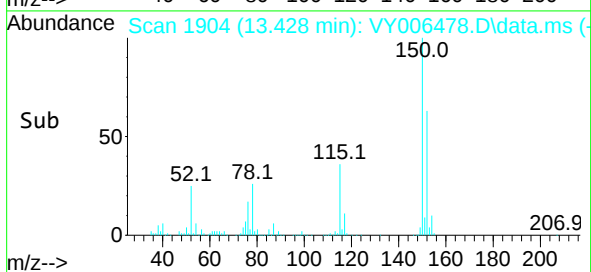
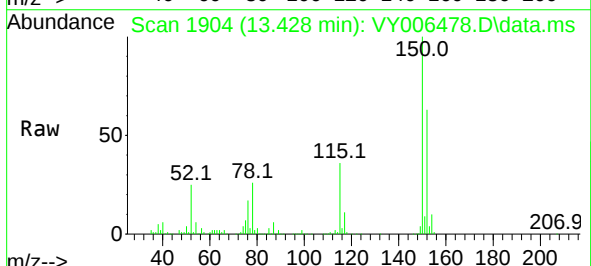
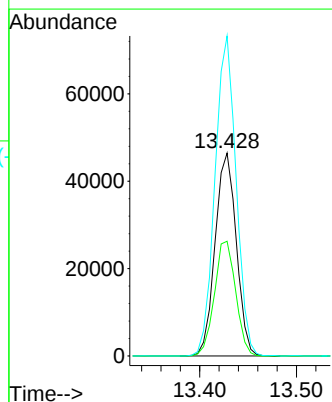
Tgt Ion:152 Resp: 70633

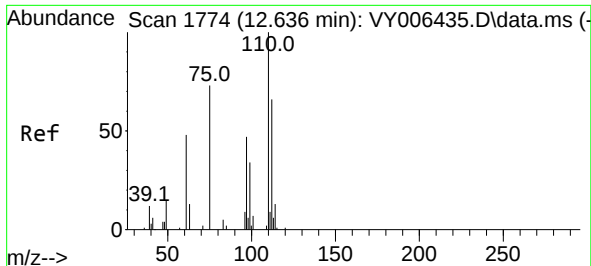
Ion Ratio Lower Upper

152 100

115 56.9 28.5 85.5

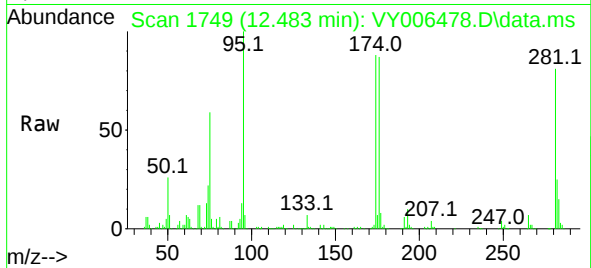
150 157.1 0.0 348.2



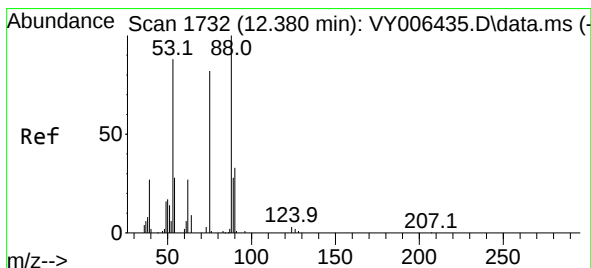
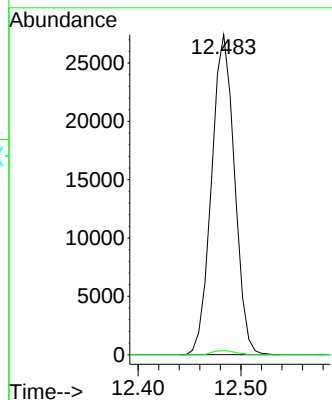
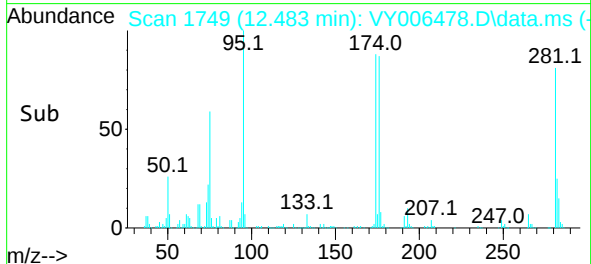


#76
1,2,3-Trichloropropane
Concen: 58.454 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02

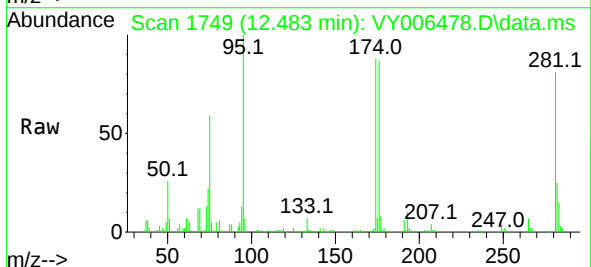
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 42546
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.004 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006478.D
Acq: 26 Oct 2021 14:02



Tgt Ion: 75 Resp: 42546
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 1.2 39.3 58.9#

