

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006482.D
 Acq On : 26 Oct 2021 15:36
 Operator : SY/MD
 Sample : M4329-03
 Misc : 4.74G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 05:26:21 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)

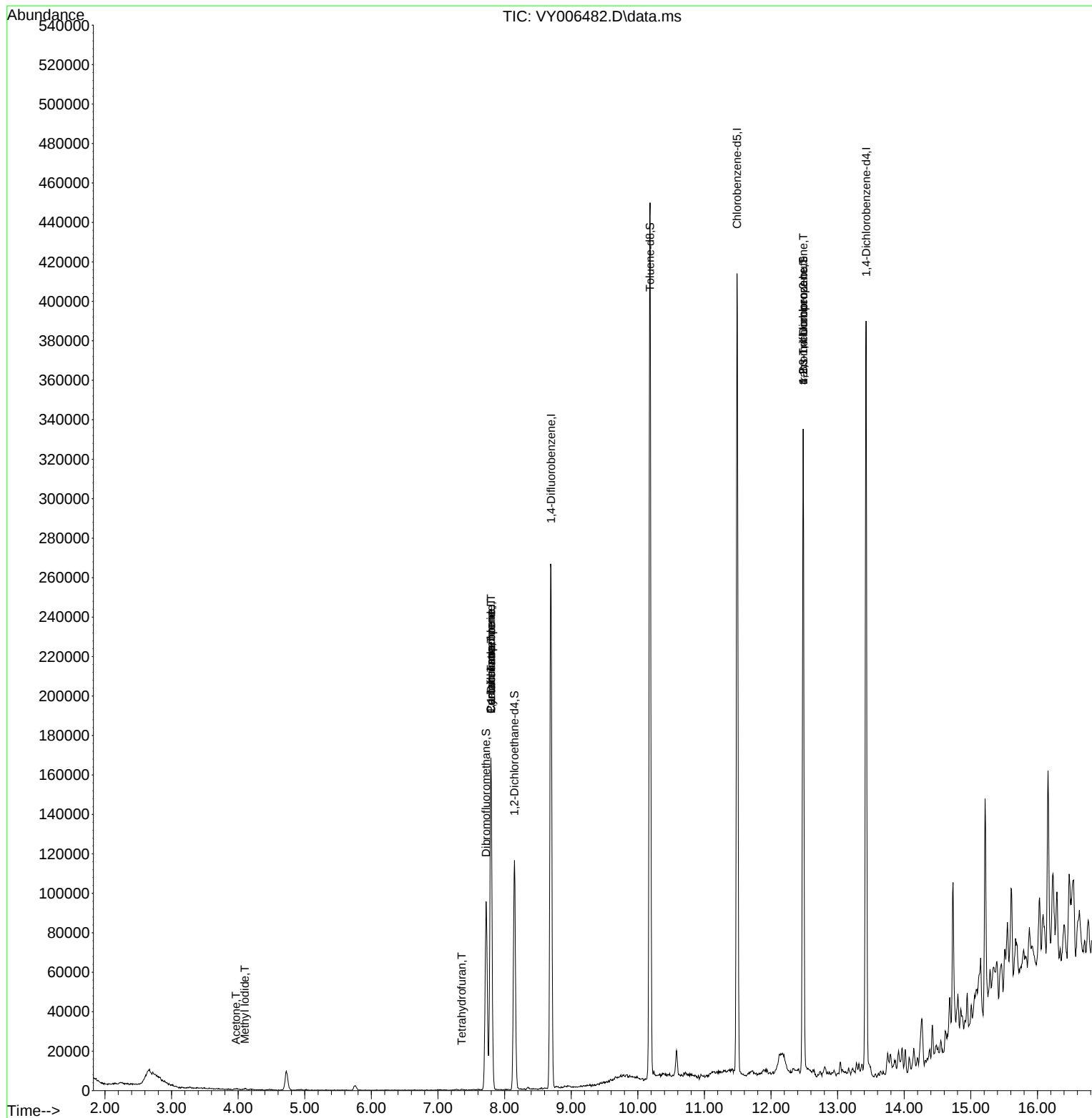
Internal Standards						
1) Pentafluorobenzene	7.795	168	127216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	213064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	200446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93449	59.694	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.380%	
35) Dibromofluoromethane	7.722	113	62826	52.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.800%	
50) Toluene-d8	10.185	98	278269	55.275	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.560%	
62) 4-Bromofluorobenzene	12.483	95	89910	53.018	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.040%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	975	5.759	ug/l	95
16) Acetone	3.966	43	561	1.245	ug/l #	74
29) Tetrahydrofuran	7.356	42	379	1.046	ug/l #	52
31) Cyclohexane	7.795	56	3139	1.239	ug/l #	33
36) 1,1-Dichloropropene	7.795	75	10554	5.013	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12588	5.420	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	52327	57.144	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52327	117.314	ug/l #	7

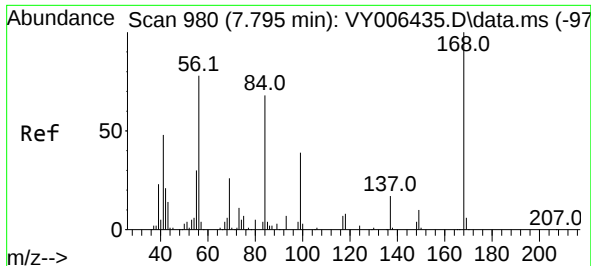
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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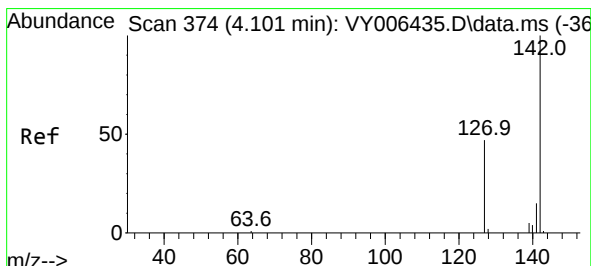
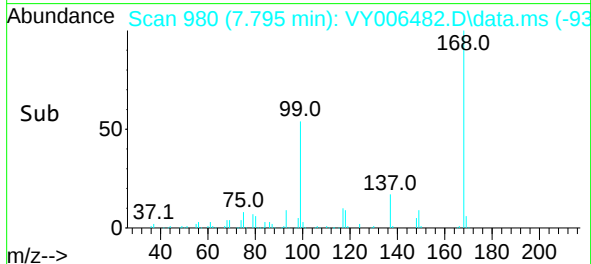
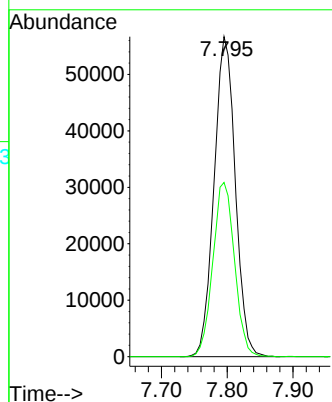
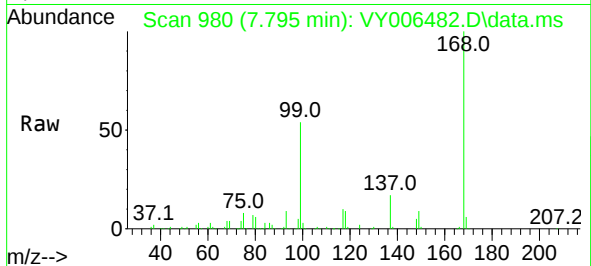




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006482.D
Acq: 26 Oct 2021 15:36

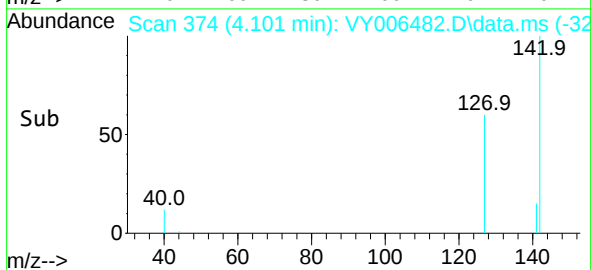
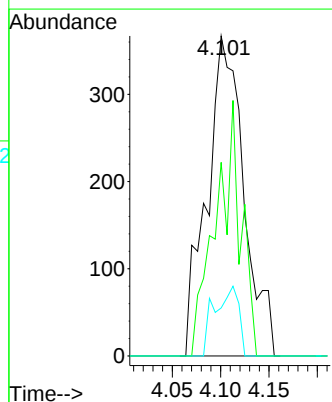
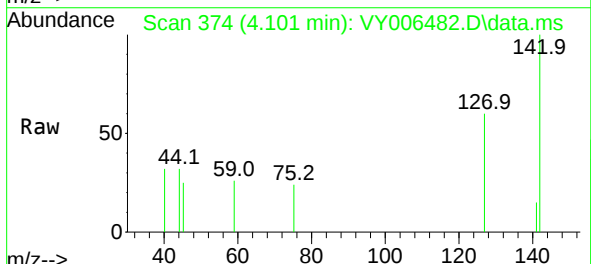
Instrument :
MSVOA_Y
ClientSampleId :

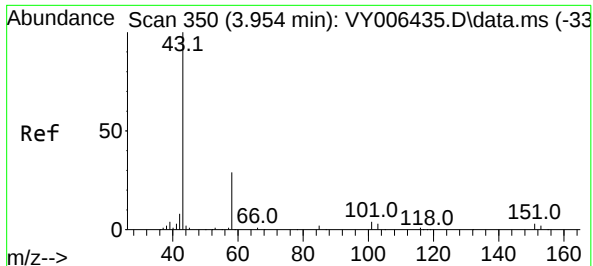
Tgt Ion:168 Resp: 127216
Ion Ratio Lower Upper
168 100
99 54.4 44.8 67.2



#10
Methyl Iodide
Concen: 5.759 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006482.D
Acq: 26 Oct 2021 15:36

Tgt Ion:142 Resp: 975
Ion Ratio Lower Upper
142 100
127 54.1 40.1 60.1
141 14.2 12.5 18.7

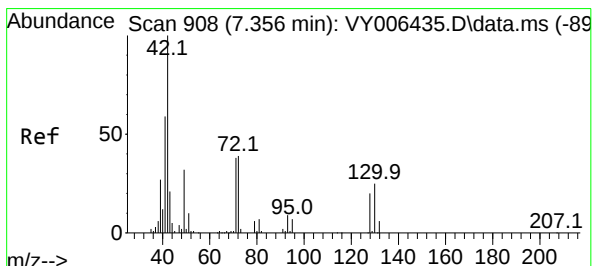
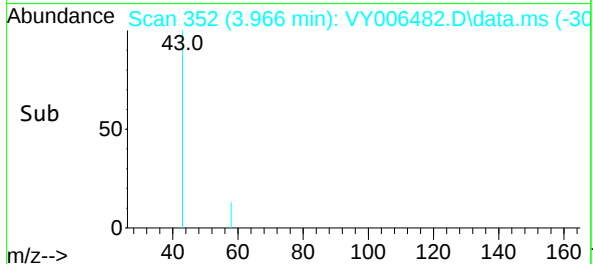
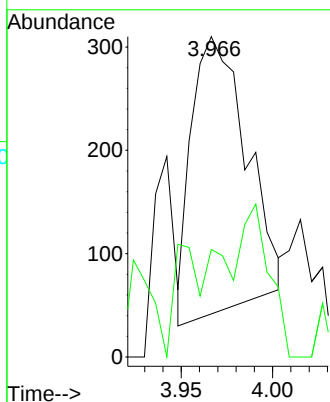
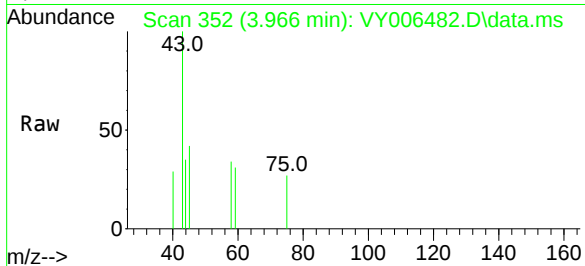




#16
Acetone
Concen: 1.245 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY006482.D
Acq: 26 Oct 2021 15:36

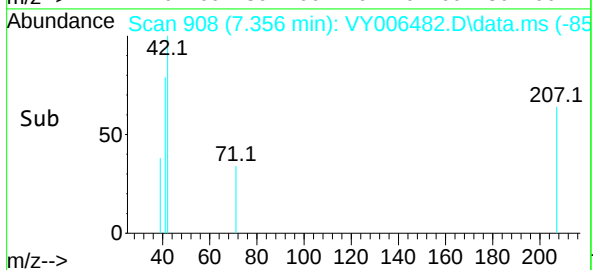
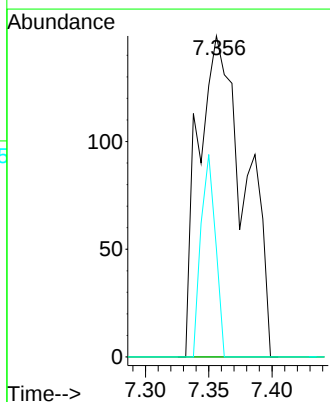
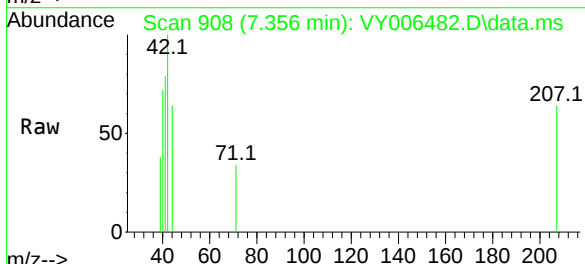
Instrument :
MSVOA_Y
ClientSampleId :

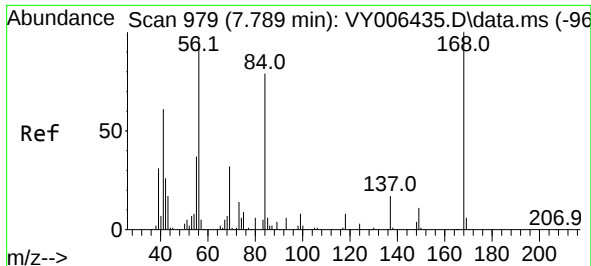
Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
58 14.7 22.9 34.3#



#29
Tetrahydrofuran
Concen: 1.046 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.000 min
Lab File: VY006482.D
Acq: 26 Oct 2021 15:36

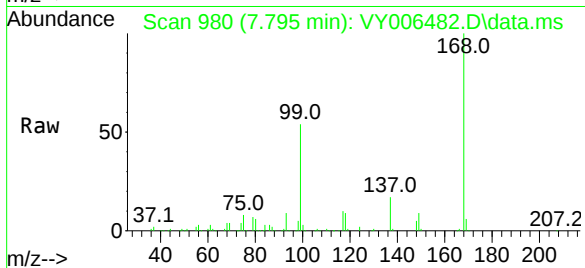
Tgt Ion: 42 Resp: 379
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 19.8 30.3 45.5#



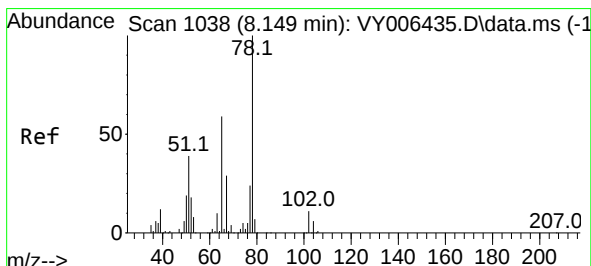
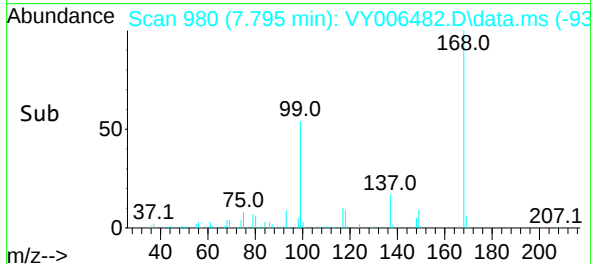
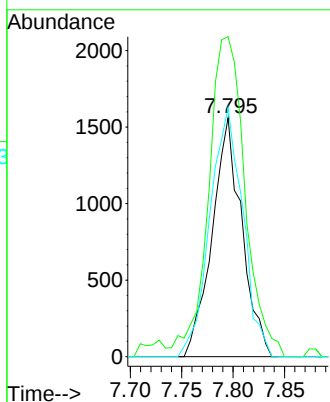


#31
Cyclohexane
Concen: 1.239 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY006482.D
Acq: 26 Oct 2021 15:36

Instrument :
MSVOA_Y
ClientSampleId :

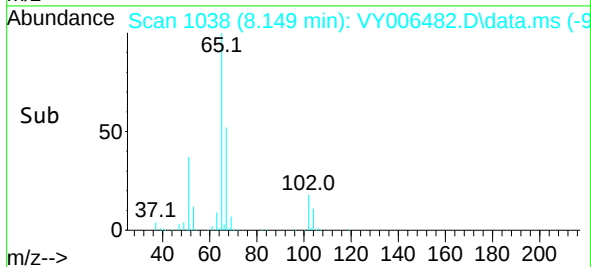
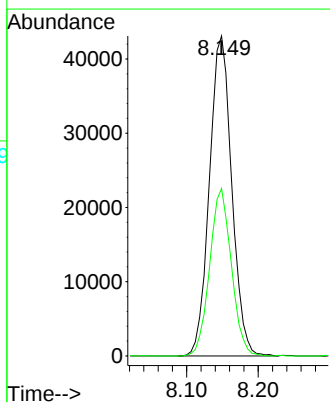
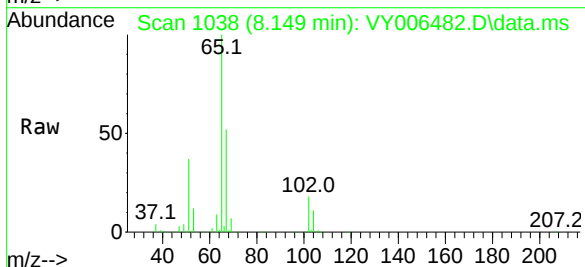


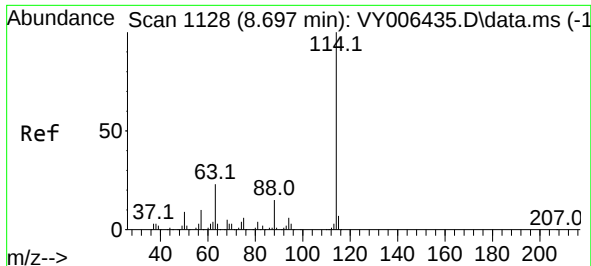
Tgt Ion: 56 Resp: 3139
Ion Ratio Lower Upper
56 100
69 127.7 26.6 40.0#
84 104.3 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 59.694 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006482.D
Acq: 26 Oct 2021 15:36

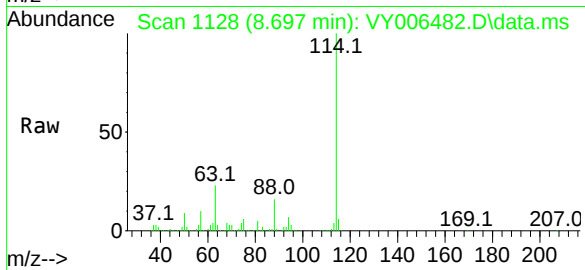
Tgt Ion: 65 Resp: 93449
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.2



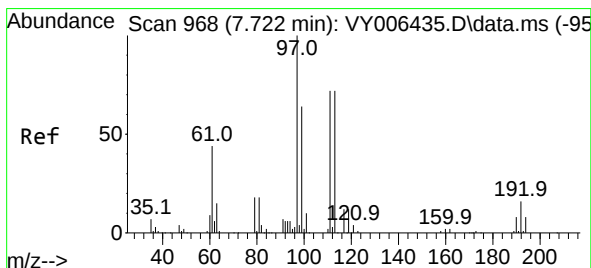
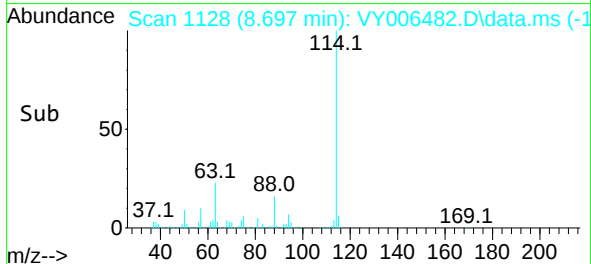
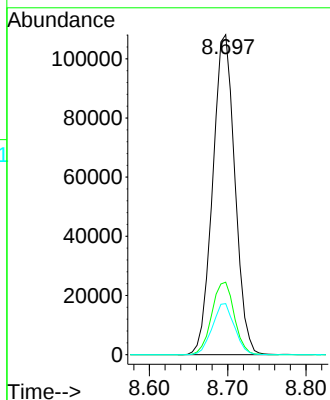


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006482.D
Acq: 26 Oct 2021 15:36

Instrument :
MSVOA_Y
ClientSampleId :

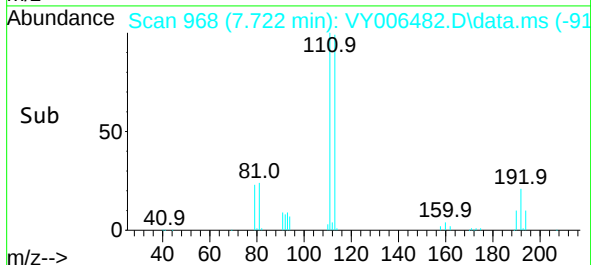
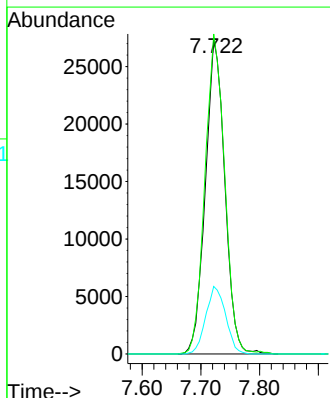
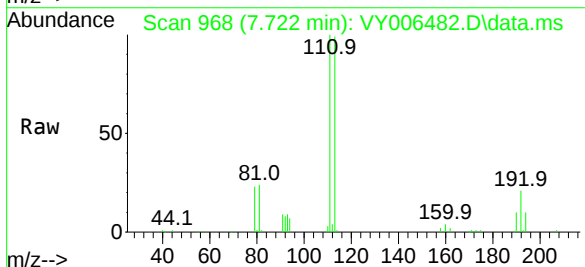


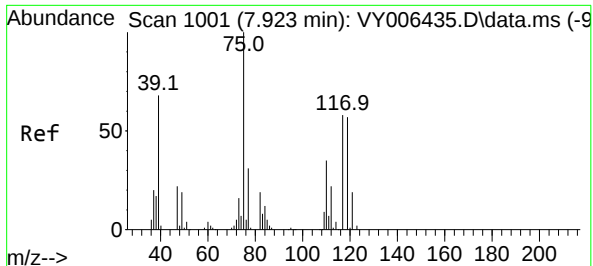
Tgt Ion:114 Resp: 213064
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.904 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006482.D
Acq: 26 Oct 2021 15:36

Tgt Ion:113 Resp: 62826
Ion Ratio Lower Upper
113 100
111 103.3 82.3 123.5
192 21.9 17.4 26.2

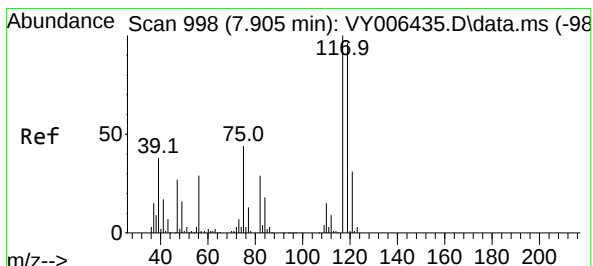
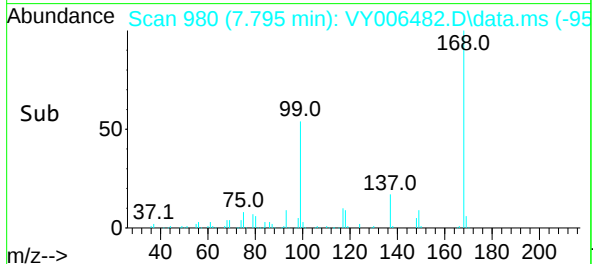
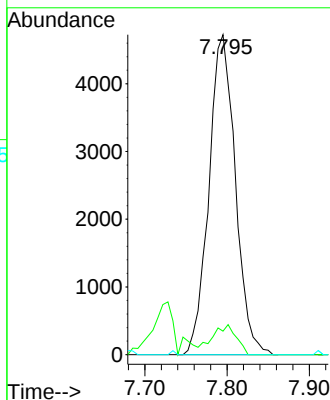
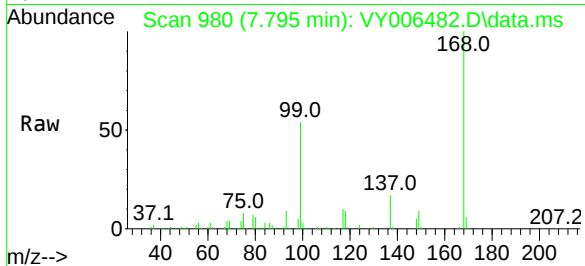




#36
1,1-Dichloropropene
Concen: 5.013 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY006482.D
Acq: 26 Oct 2021 15:36

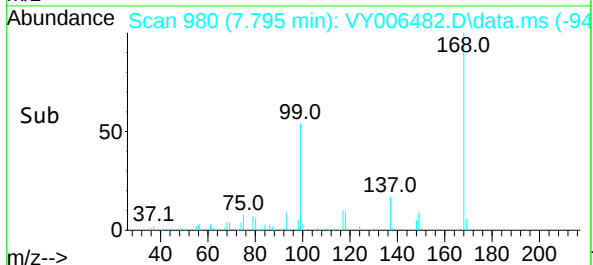
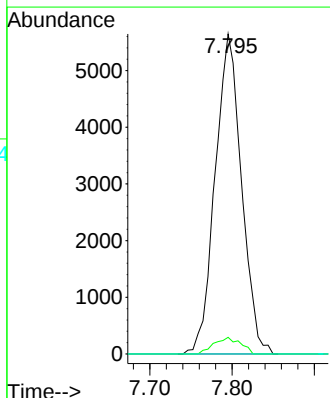
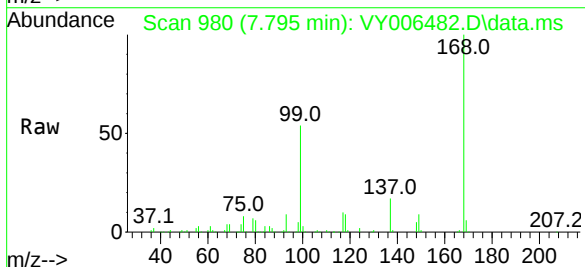
Instrument :
MSVOA_Y
ClientSampleId :

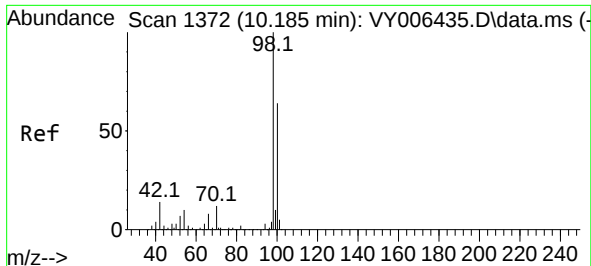
Tgt Ion: 75 Resp: 10554
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.420 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006482.D
Acq: 26 Oct 2021 15:36

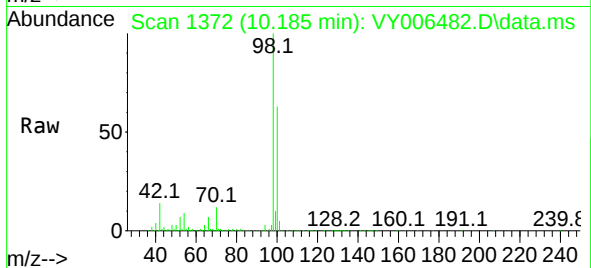
Tgt Ion: 117 Resp: 12588
Ion Ratio Lower Upper
117 100
119 5.2 76.6 115.0#
121 0.0 24.7 37.1#



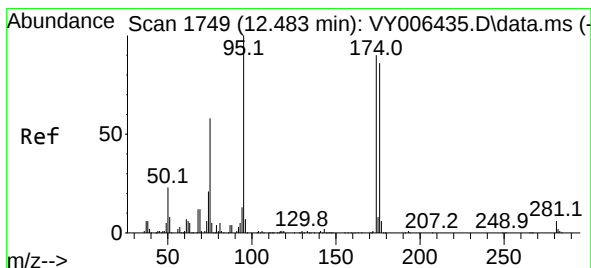
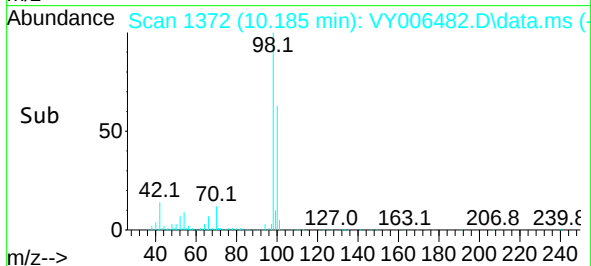
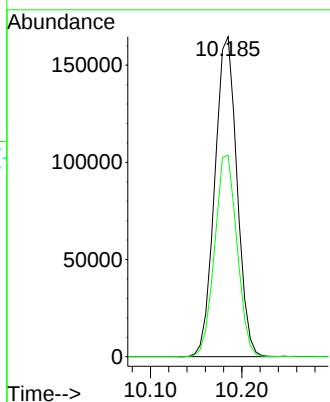


#50
Toluene-d8
Concen: 55.275 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006482.D
Acq: 26 Oct 2021 15:36

Instrument :
MSVOA_Y
ClientSampleId :

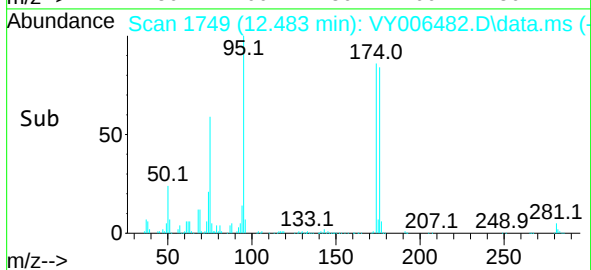
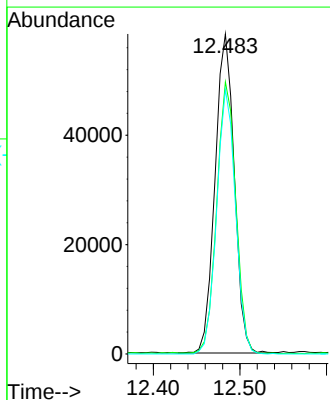
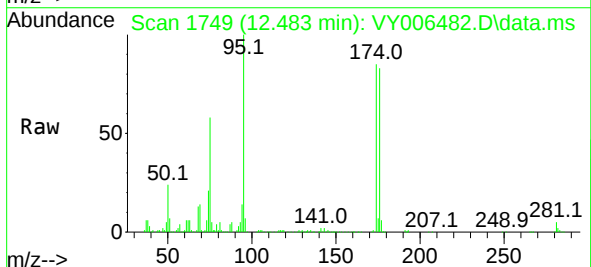


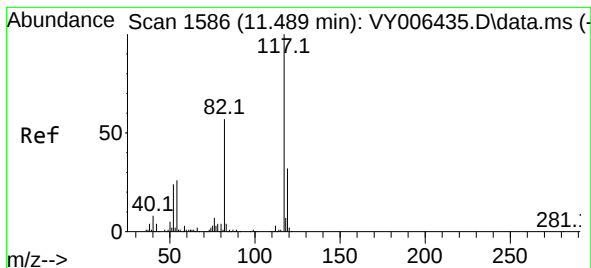
Tgt Ion: 98 Resp: 278269
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 53.018 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006482.D
Acq: 26 Oct 2021 15:36

Tgt Ion: 95 Resp: 89910
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 80.9 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY006482.D

Acq: 26 Oct 2021 15:36

Instrument :

MSVOA_Y

ClientSampleId :

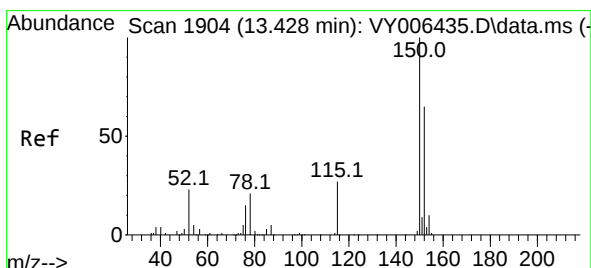
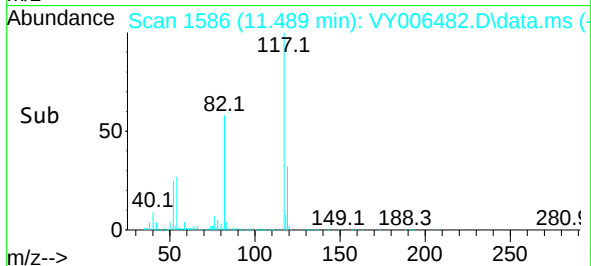
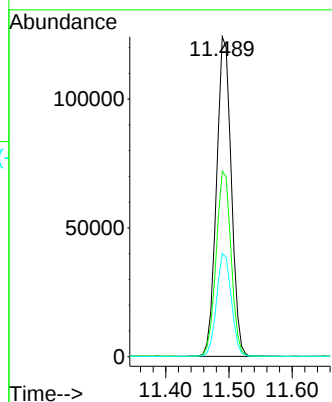
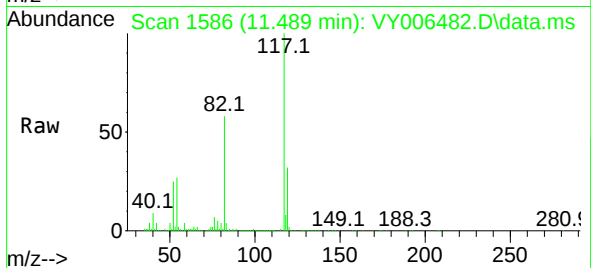
Tgt Ion:117 Resp: 200446

Ion Ratio Lower Upper

117 100

82 57.9 45.7 68.5

119 32.2 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: VY006482.D

Acq: 26 Oct 2021 15:36

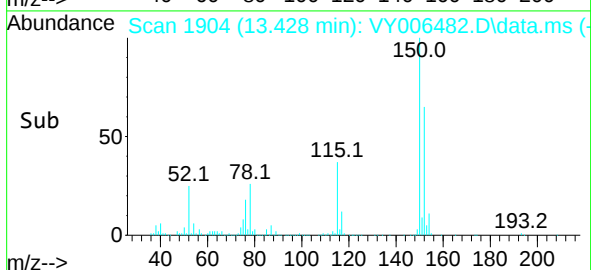
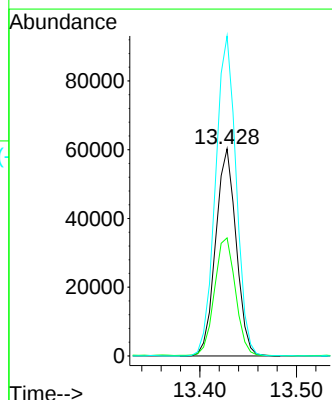
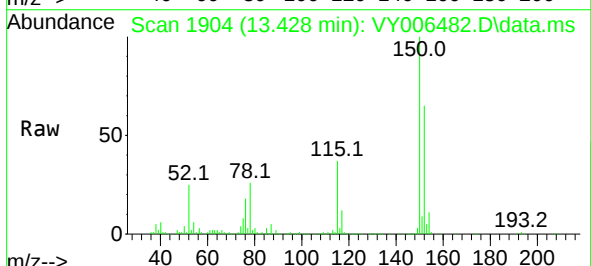
Tgt Ion:152 Resp: 88863

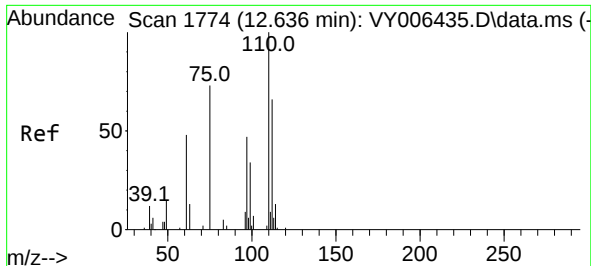
Ion Ratio Lower Upper

152 100

115 58.3 28.5 85.5

150 155.7 0.0 348.2

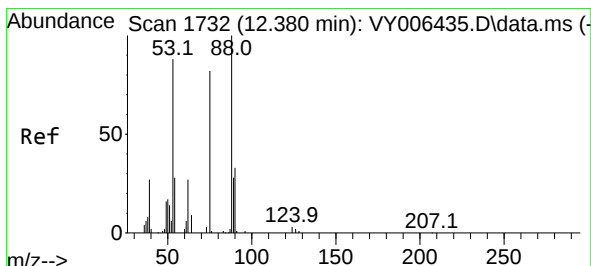
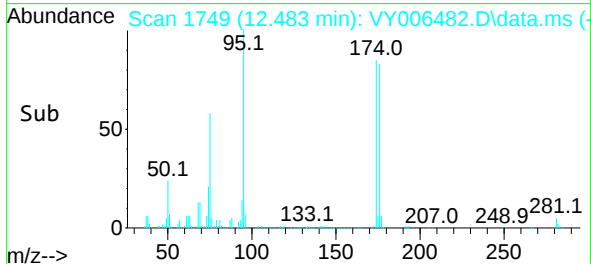
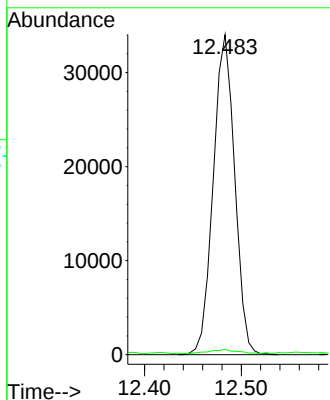
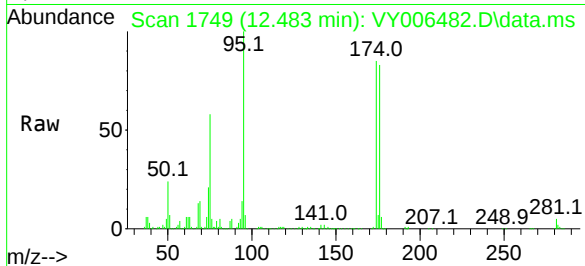




#76
1,2,3-Trichloropropane
Concen: 57.144 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006482.D
Acq: 26 Oct 2021 15:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 52327
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.314 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006482.D
Acq: 26 Oct 2021 15:36

Tgt Ion: 75 Resp: 52327
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.1 39.3 58.9#

