

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091421\
 Data File : VY006010.D
 Acq On : 14 Sep 2021 16:07
 Operator : SY/MD
 Sample : M3687-36
 Misc : 5.45G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A002145

Quant Time: Sep 15 05:14:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

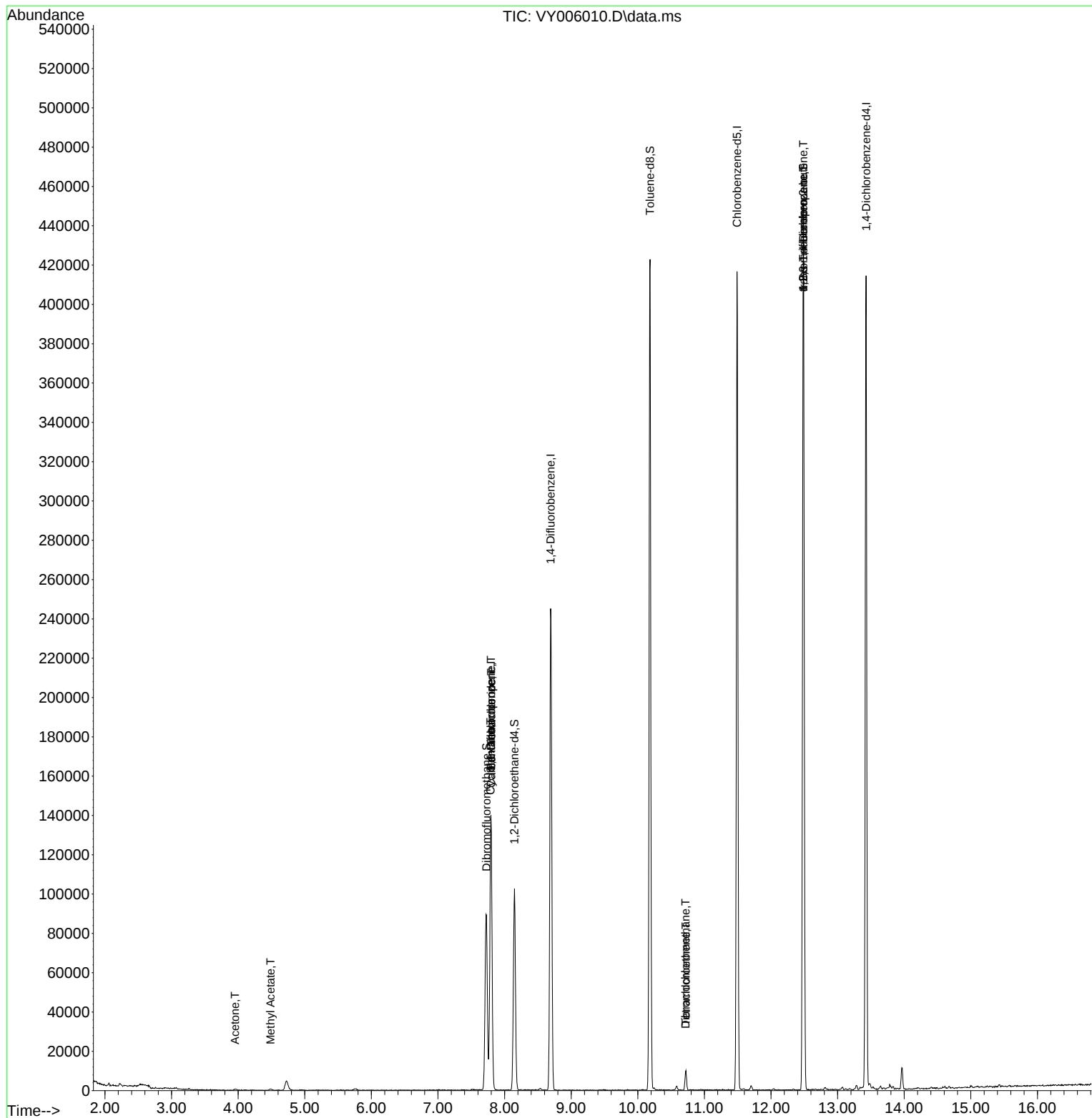
Internal Standards						
1) Pentafluorobenzene	7.795	168	105546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	209459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82961	56.586	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.180%			
35) Dibromofluoromethane	7.728	113	60255	49.227	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.460%			
50) Toluene-d8	10.185	98	259816	49.804	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.600%			
62) 4-Bromofluorobenzene	12.483	95	95087	53.685	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.380%			
Target Compounds						
11) Tert butyl alcohol	4.948	59	318	Below Cal	#	77
16) Acetone	3.954	43	998	2.482	ug/l	96
18) Methyl Acetate	4.485	43	1018	1.005	ug/l	# 91
20) Methylene Chloride	4.722	84	3388	Below Cal		96
31) Cyclohexane	7.789	56	2766	1.178	ug/l	# 47
36) 1,1-Dichloropropene	7.795	75	8565	4.027	ug/l	# 51
38) Carbon Tetrachloride	7.801	117	10909	4.711	ug/l	# 17
60) Dibromochloromethane	10.715	129	1797	1.299	ug/l	# 11
64) Tetrachloroethene	10.721	164	1927	1.125	ug/l	# 81
76) 1,2,3-Trichloropropane	12.483	75	58197	54.234	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	58197	99.710	ug/l	# 8

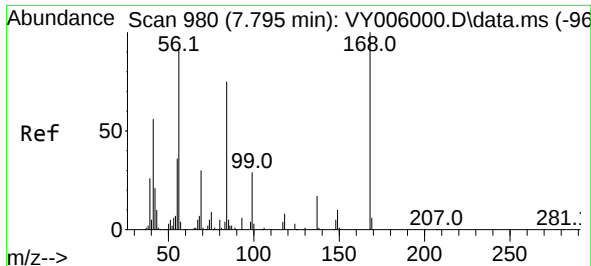
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091421\
Data File : VY006010.D
Acq On : 14 Sep 2021 16:07
Operator : SY/MD
Sample : M3687-36
Misc : 5.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A002145

Quant Time: Sep 15 05:14:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 15 05:01:47 2021
Response via : Initial Calibration

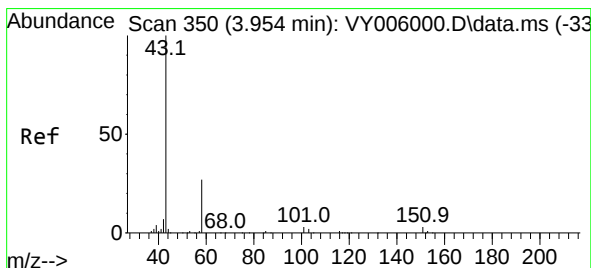
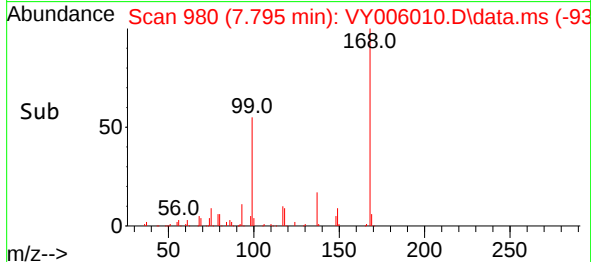
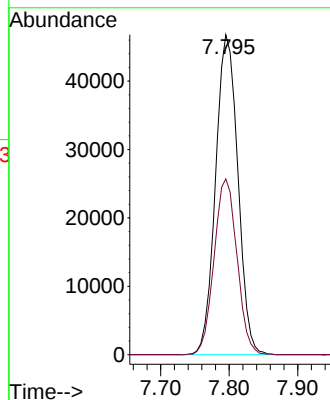
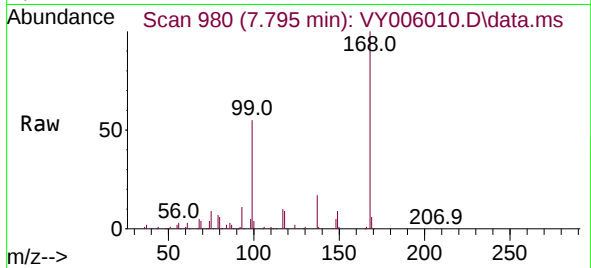




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

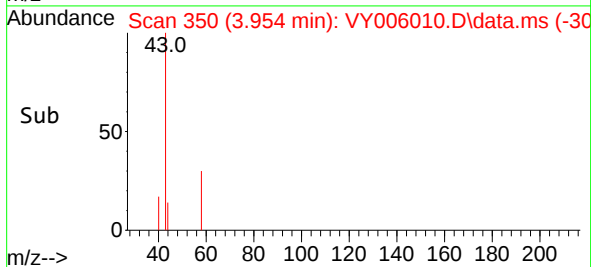
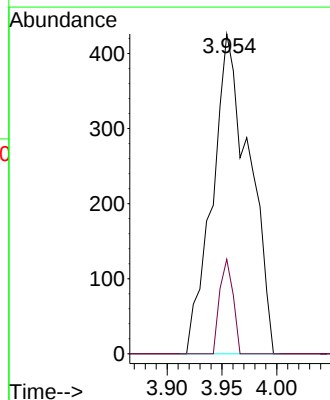
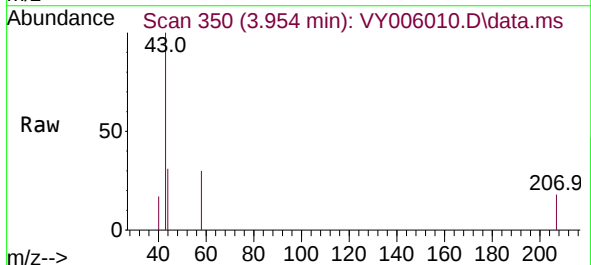
Instrument :
MSVOA_Y
ClientSampleId :
A002145

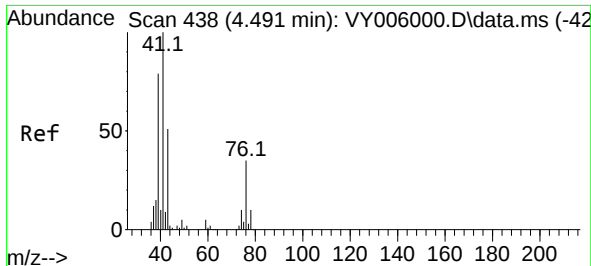
Tgt Ion:168 Resp: 105546
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#16
Acetone
Concen: 2.482 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

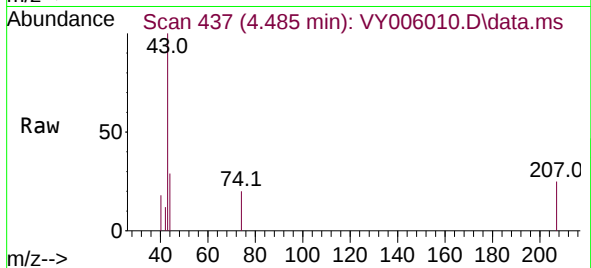
Tgt Ion: 43 Resp: 998
Ion Ratio Lower Upper
43 100
58 29.6 22.0 33.0



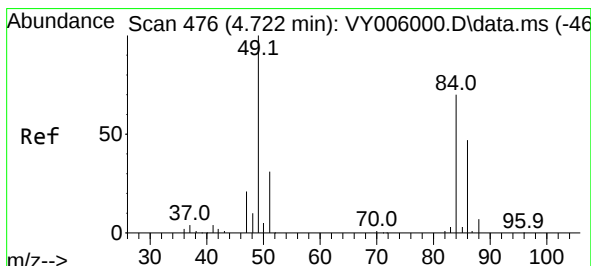
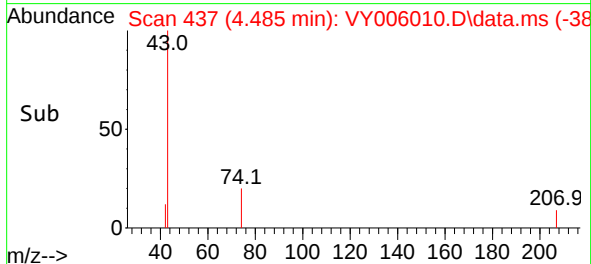
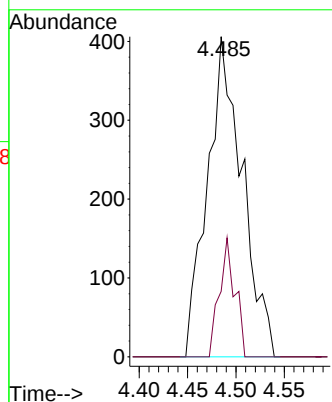


#18
Methyl Acetate
Concen: 1.005 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

Instrument :
MSVOA_Y
ClientSampleId :
A002145

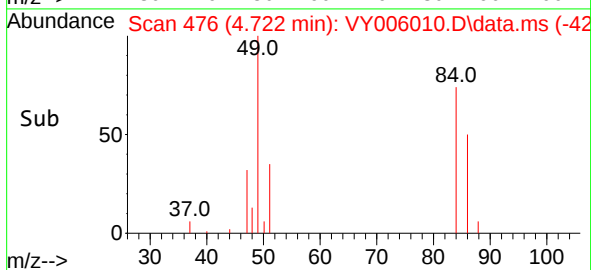
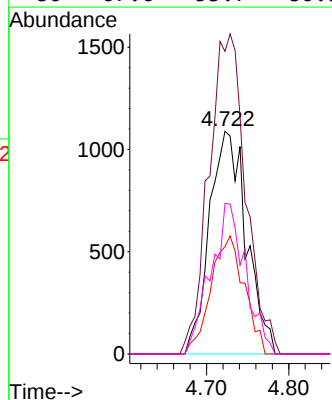
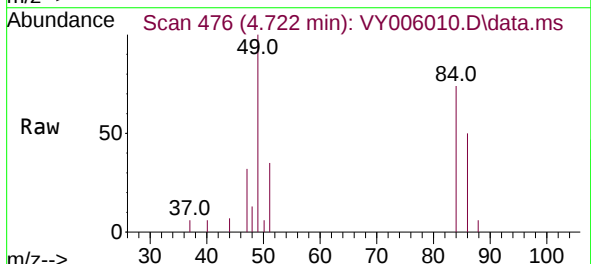


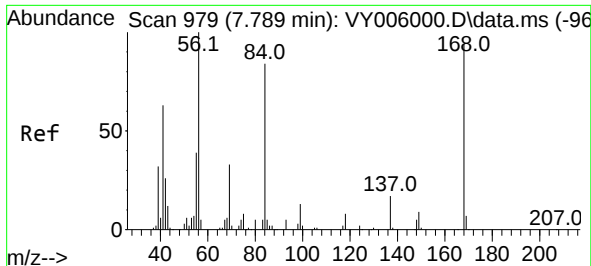
Tgt Ion: 43 Resp: 1018
Ion Ratio Lower Upper
43 100
74 16.5 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

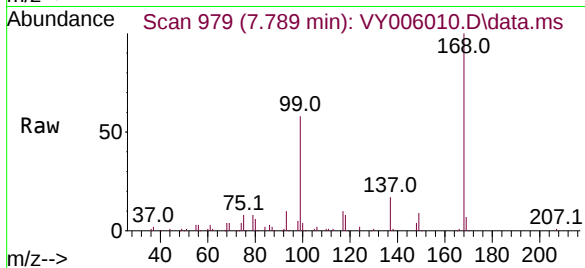
Tgt Ion: 84 Resp: 3388
Ion Ratio Lower Upper
84 100
49 135.9 114.4 171.6
51 48.2 35.3 52.9
86 67.6 53.7 80.5



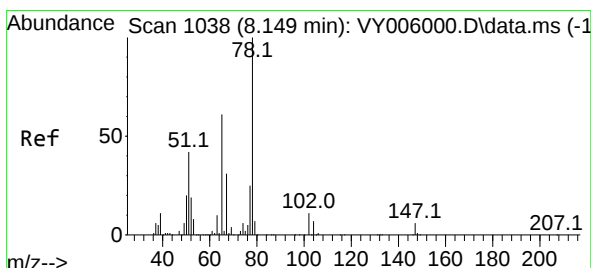
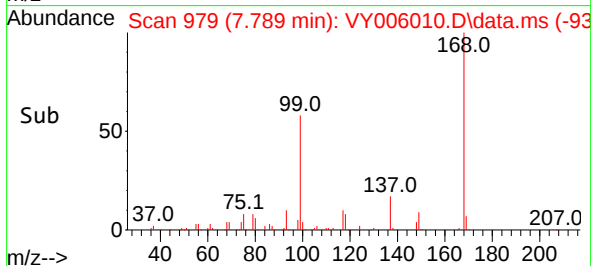
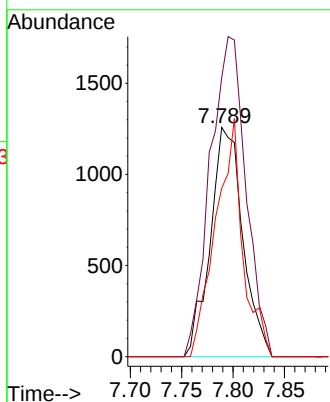


#31
Cyclohexane
Concen: 1.178 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

Instrument :
MSVOA_Y
ClientSampleId :
A002145

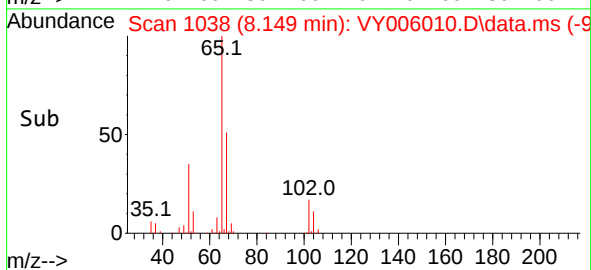
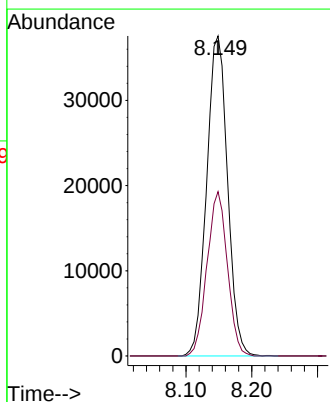
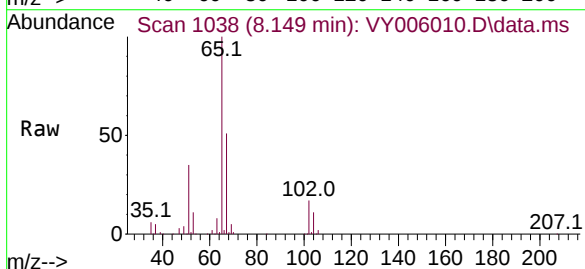


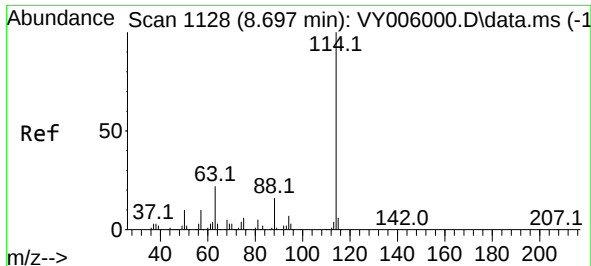
Tgt Ion: 56 Resp: 2766
Ion Ratio Lower Upper
56 100
69 121.8 26.7 40.1#
84 73.4 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 56.586 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

Tgt Ion: 65 Resp: 82961
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006010.D

Acq: 14 Sep 2021 16:07

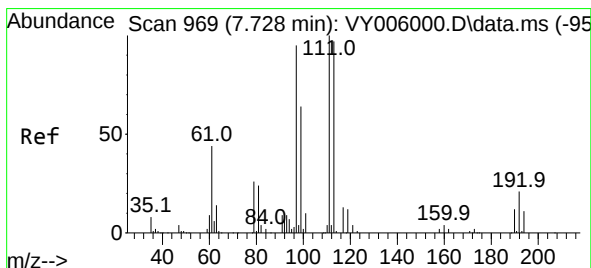
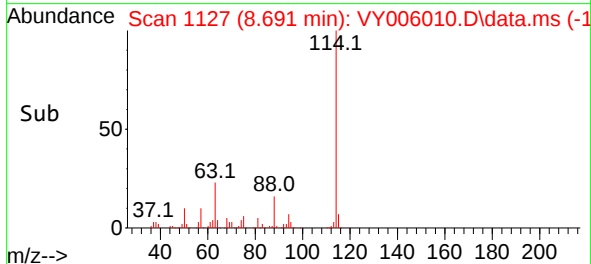
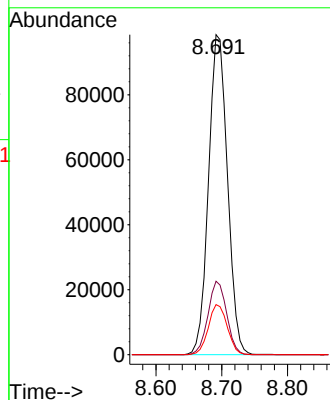
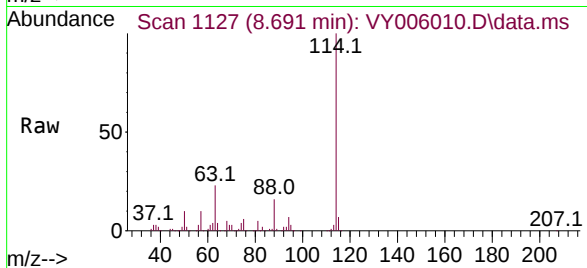
Tgt Ion:114 Resp: 197067

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.227 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY006010.D

Acq: 14 Sep 2021 16:07

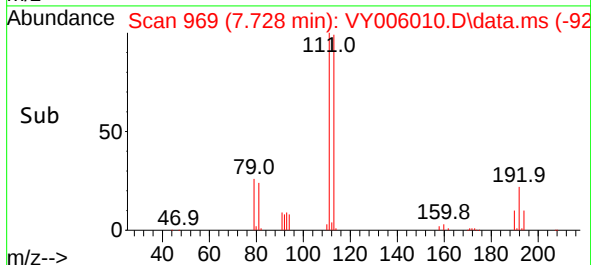
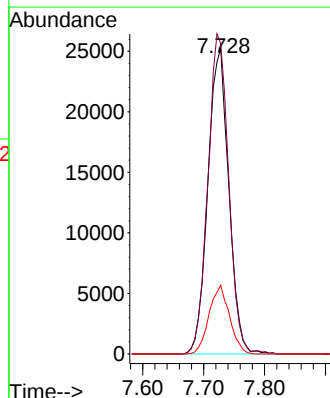
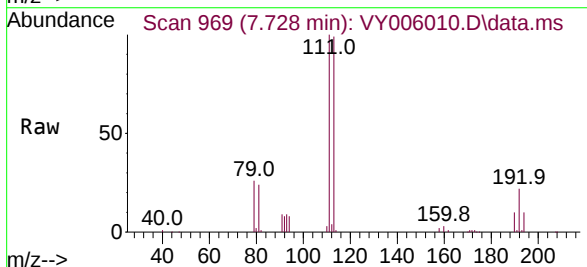
Tgt Ion:113 Resp: 60255

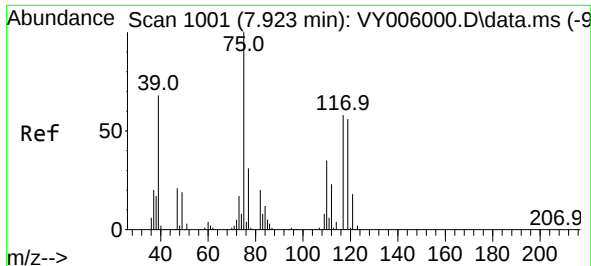
Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 21.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.027 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006010.D

Acq: 14 Sep 2021 16:07

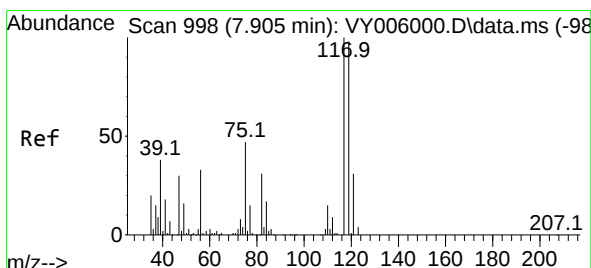
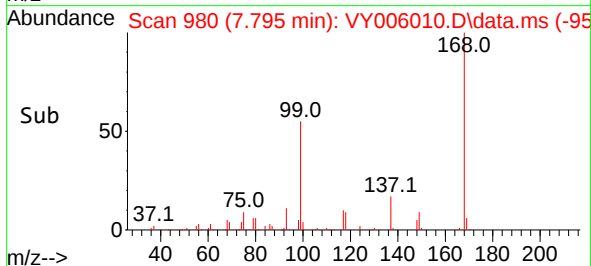
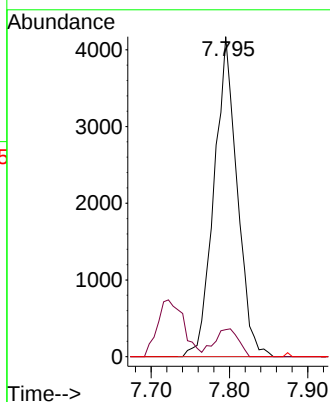
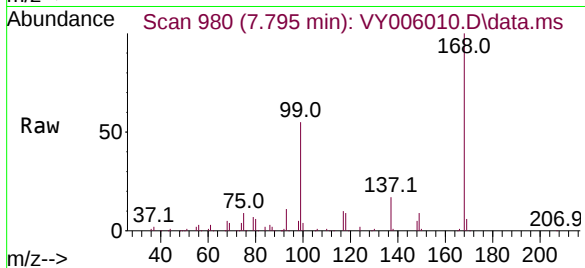
Instrument :

MSVOA_Y

ClientSampleId :

A002145

Tgt Ion:	75	Resp:	8565
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 4.711 ug/l

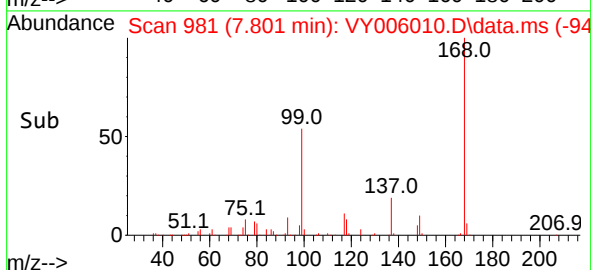
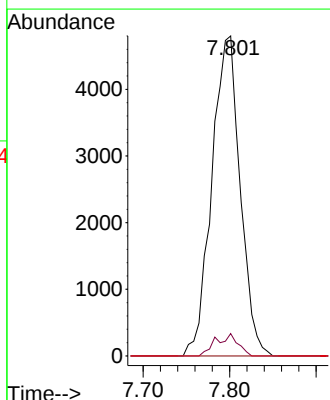
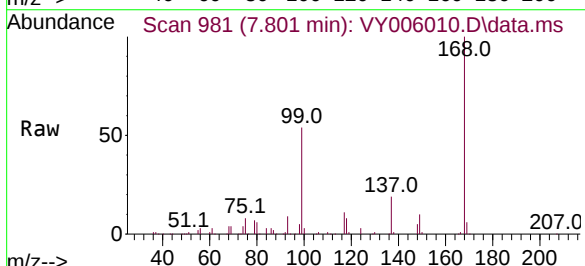
RT: 7.801 min Scan# 981

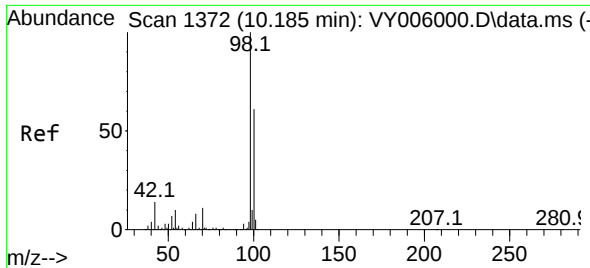
Delta R.T. -0.104 min

Lab File: VY006010.D

Acq: 14 Sep 2021 16:07

Tgt Ion:	117	Resp:	10909
Ion	Ratio	Lower	Upper
117	100		
119	7.0	77.9	116.9#
121	0.0	24.8	37.2#

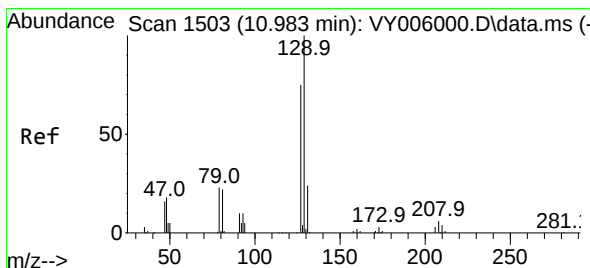
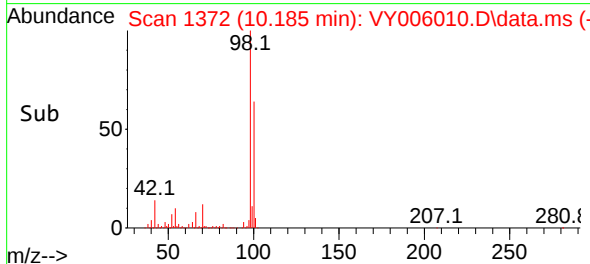
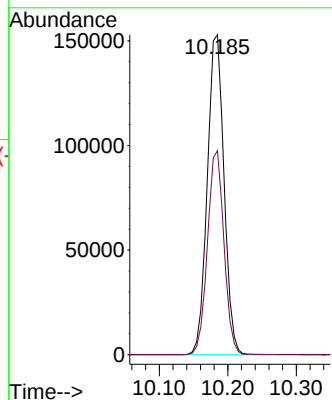
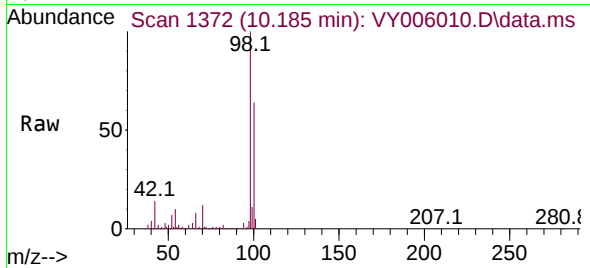




#50
Toluene-d8
Concen: 49.804 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

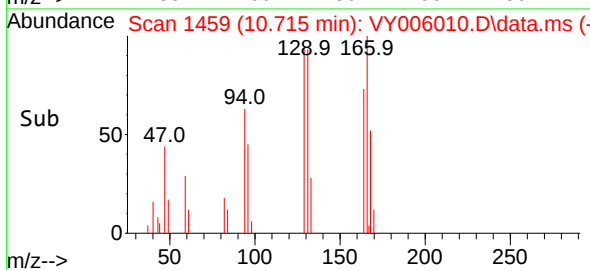
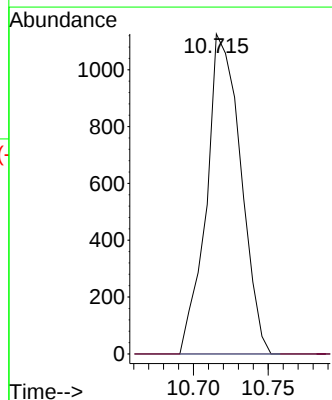
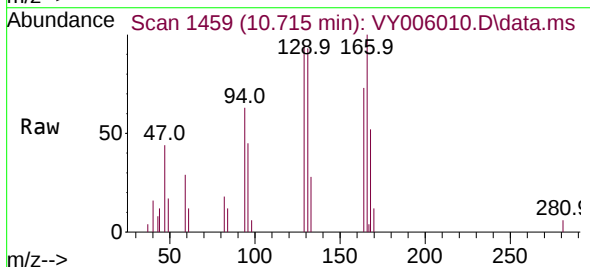
Instrument :
MSVOA_Y
ClientSampleId :
A002145

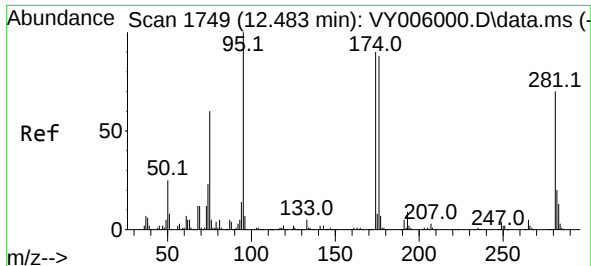
Tgt Ion: 98 Resp: 259816
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#60
Dibromochloromethane
Concen: 1.299 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.268 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

Tgt Ion: 129 Resp: 1797
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

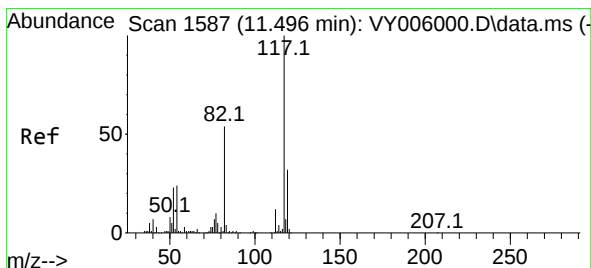
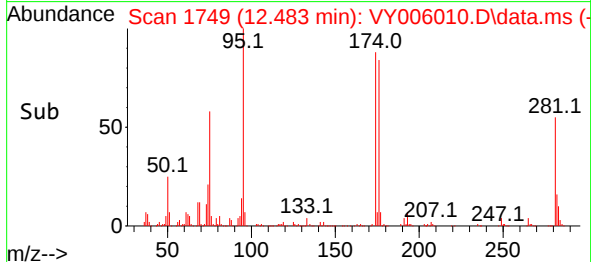
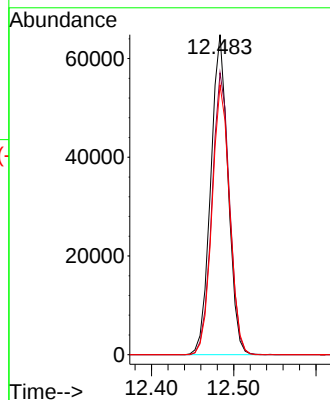
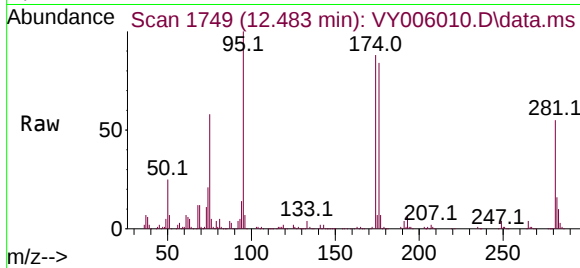




#62
4-Bromofluorobenzene
Concen: 53.685 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

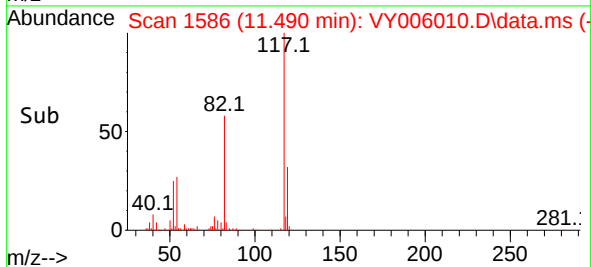
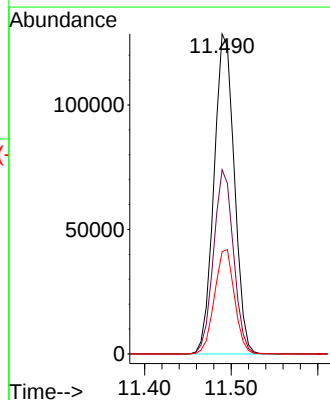
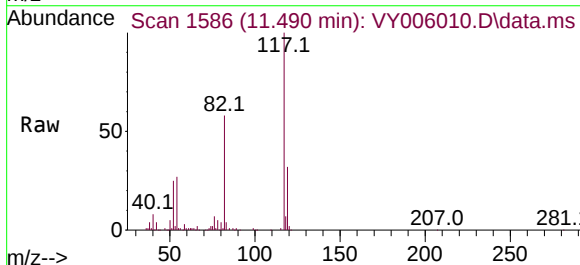
Instrument :
MSVOA_Y
ClientSampleId :
A002145

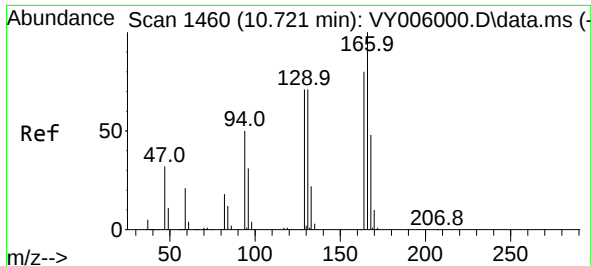
Tgt Ion: 95 Resp: 95087
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.0
176 85.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

Tgt Ion: 117 Resp: 209459
Ion Ratio Lower Upper
117 100
82 57.5 43.0 64.4
119 32.0 25.4 38.0



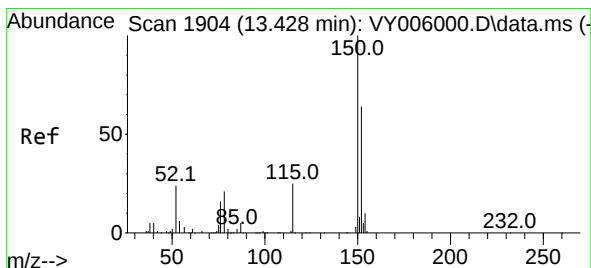
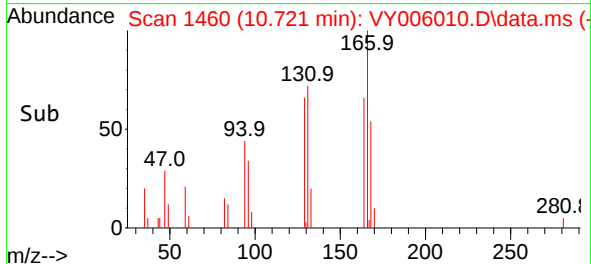
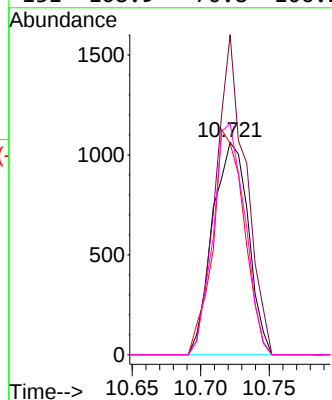
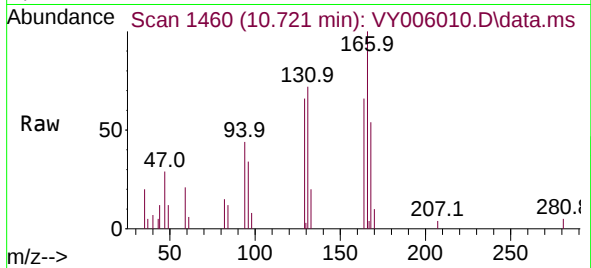


#64
Tetrachloroethene
Concen: 1.125 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

Instrument :
MSVOA_Y
ClientSampleId :
A002145

Tgt Ion:164 Resp: 1927

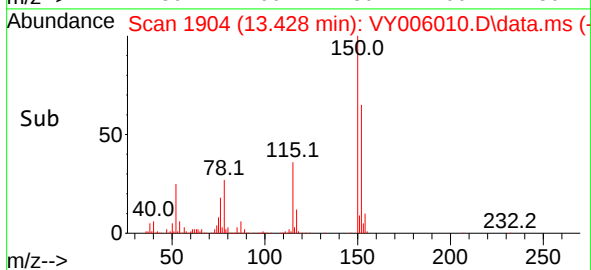
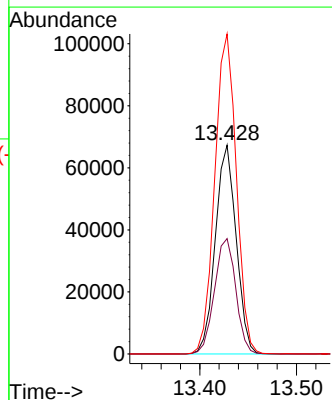
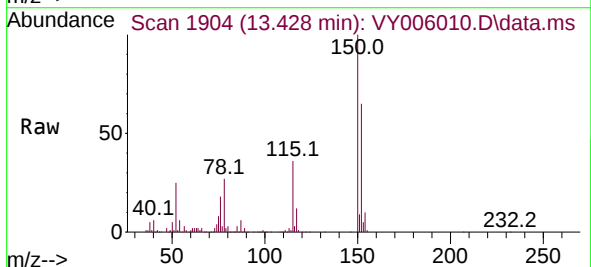
Ion	Ratio	Lower	Upper
164	100		
166	150.7	100.4	150.6#
129	99.5	71.4	107.0
131	108.9	70.8	106.2#

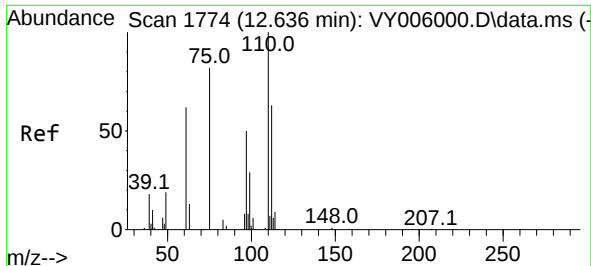


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

Tgt Ion:152 Resp: 100645

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.2	84.7
150	158.4	0.0	347.6

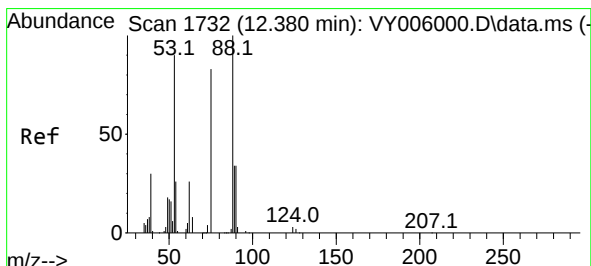
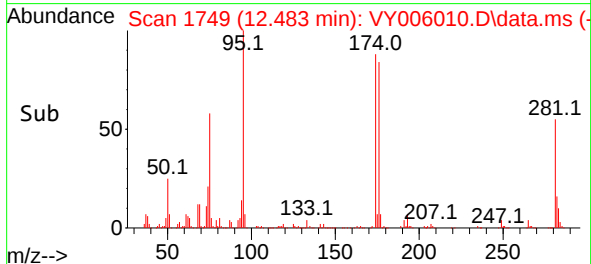
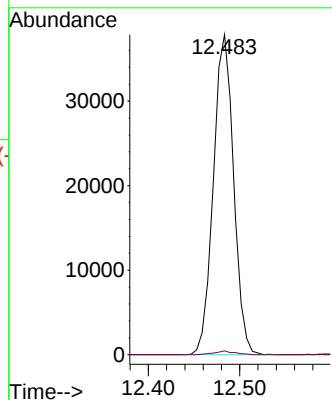
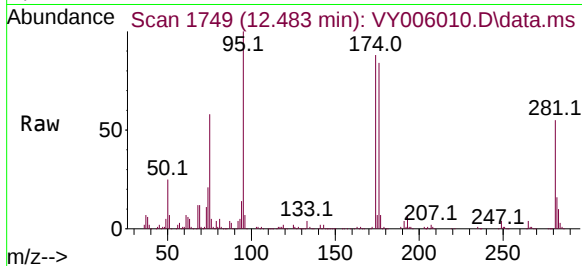




#76
1,2,3-Trichloropropane
Concen: 54.234 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

Instrument :
MSVOA_Y
ClientSampleId :
A002145

Tgt Ion: 75 Resp: 58197
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.710 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

Tgt Ion: 75 Resp: 58197
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.7 37.0 55.4#

