

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006234.D
 Acq On : 30 Sep 2021 13:00
 Operator : SY/MD
 Sample : M3990-01
 Misc : 7.86G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 01 06:26:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

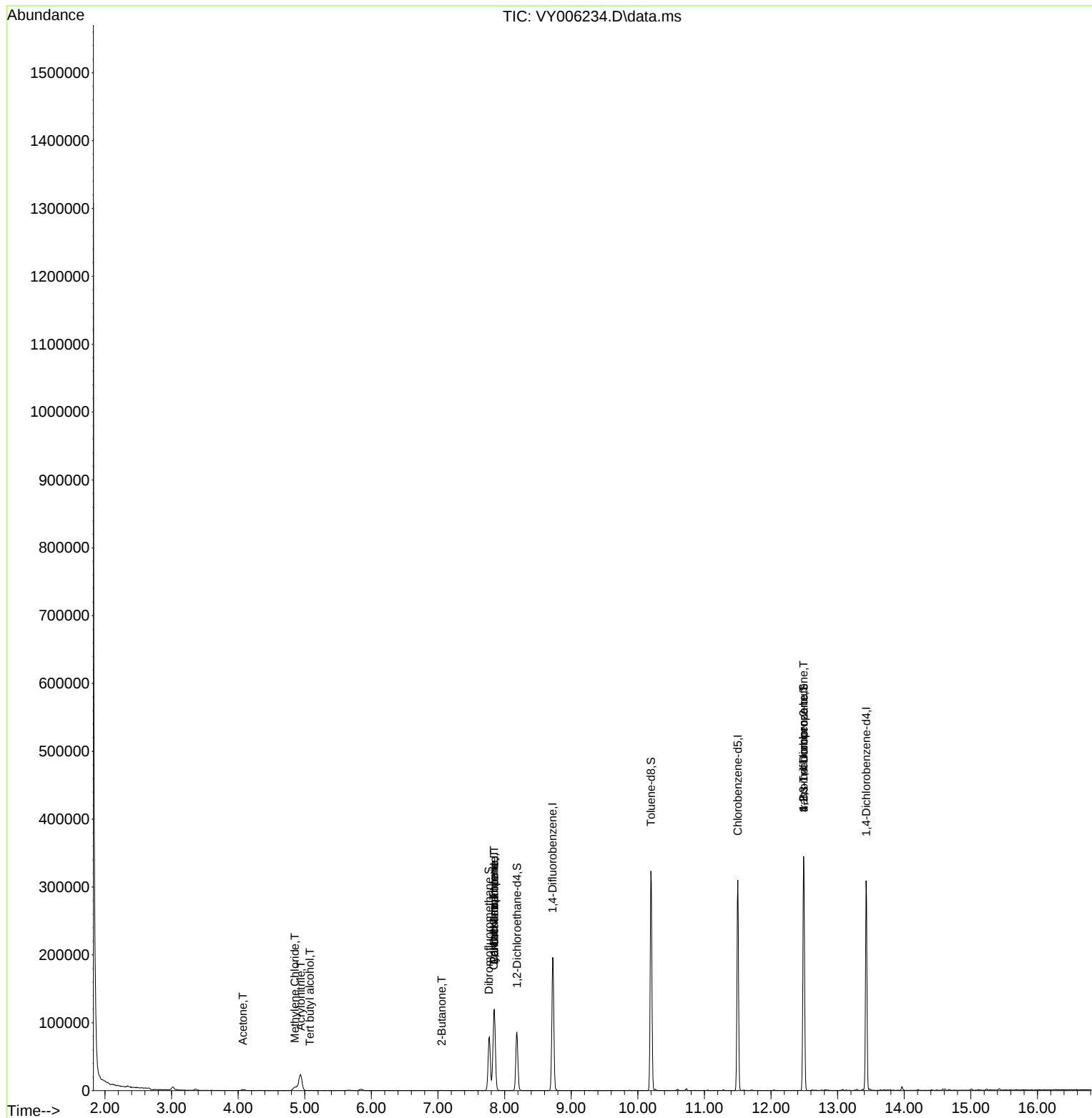
Internal Standards						
1) Pentafluorobenzene	7.844	168	106585	50.000	ug/l	0.05
34) 1,4-Difluorobenzene	8.722	114	171501	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.502	117	163367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.185	65	73235	64.198	ug/l	0.04
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.400%	
35) Dibromofluoromethane	7.765	113	53295	58.166	ug/l	0.04
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.340%	
50) Toluene-d8	10.197	98	212227	55.344	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.680%	
62) 4-Bromofluorobenzene	12.489	95	68913	52.900	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.076	59	365	3.658	ug/l #	77
15) Acrylonitrile	4.942	53	550	1.722	ug/l #	29
16) Acetone	4.070	43	3331	10.455	ug/l	98
20) Methylene Chloride	4.850	84	6013	1.871	ug/l	94
25) 2-Butanone	7.057	43	609	1.372	ug/l #	54
31) Cyclohexane	7.838	56	2328	1.077	ug/l #	40
36) 1,1-Dichloropropene	7.844	75	7970	4.671	ug/l #	51
38) Carbon Tetrachloride	7.844	117	10120	5.617	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	39393	52.276	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	39393	102.729	ug/l #	8

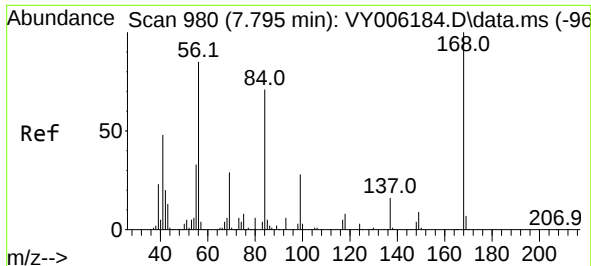
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

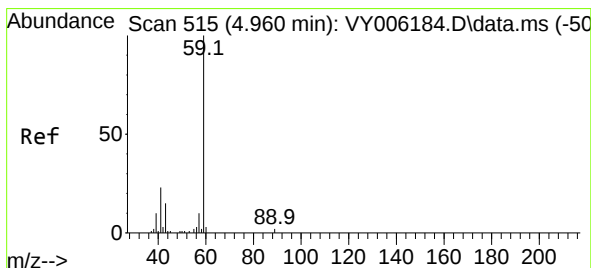
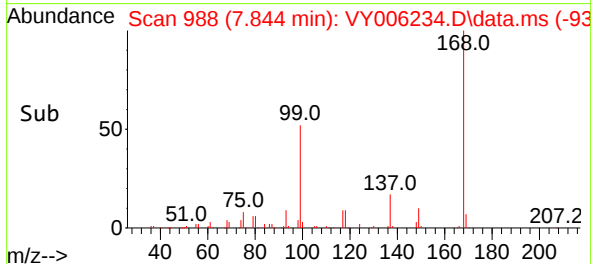
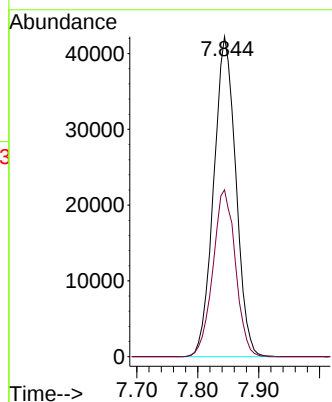
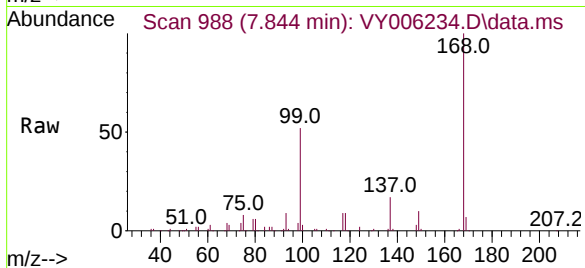




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.844 min Scan# 988
Delta R.T. 0.049 min
Lab File: VY006234.D
Acq: 30 Sep 2021 13:00

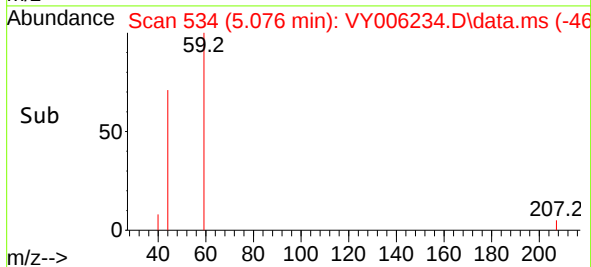
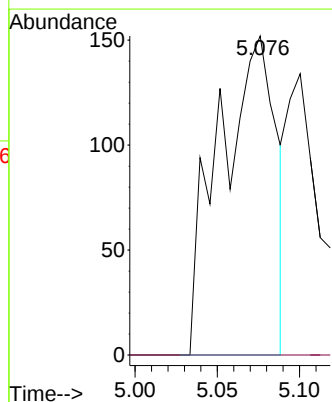
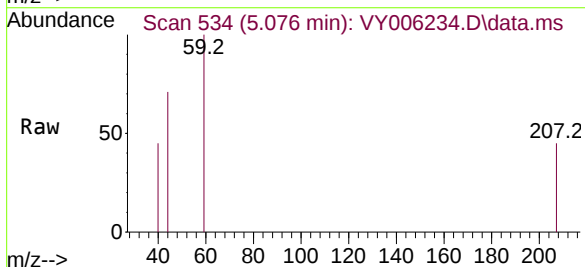
Instrument :
MSVOA_Y
ClientSampled :

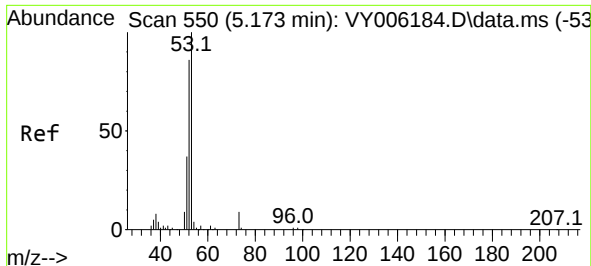
Tgt Ion:168 Resp: 106585
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.658 ug/l
RT: 5.076 min Scan# 534
Delta R.T. 0.116 min
Lab File: VY006234.D
Acq: 30 Sep 2021 13:00

Tgt Ion: 59 Resp: 365
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#15

Acrylonitrile

Concen: 1.722 ug/l

RT: 4.942 min Scan# 512

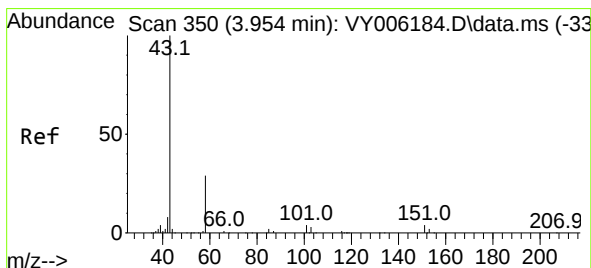
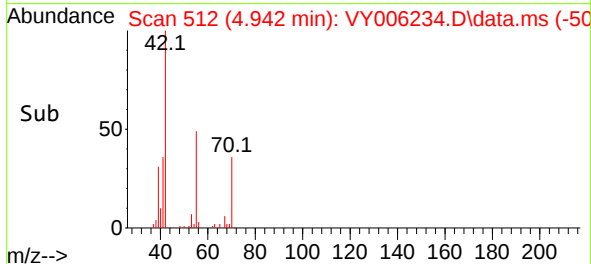
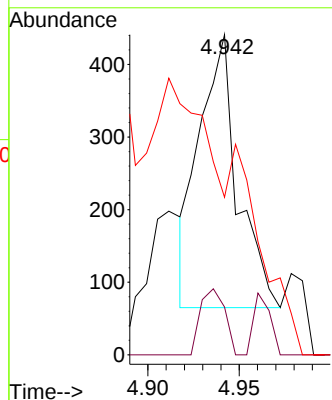
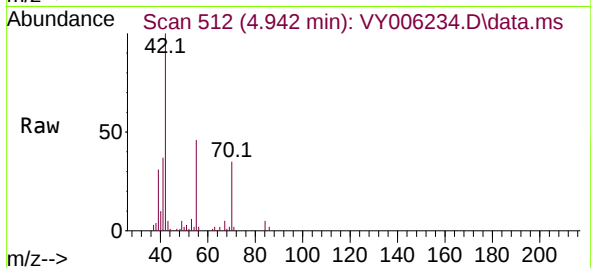
Delta R.T. -0.231 min

Lab File: VY006234.D

Acq: 30 Sep 2021 13:00

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 53	Resp: 550
Ion Ratio	Lower Upper
53	100
52	15.5 67.0 100.4#
51	0.0 29.8 44.6#



#16

Acetone

Concen: 10.455 ug/l

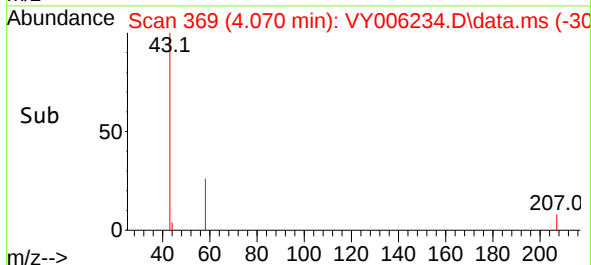
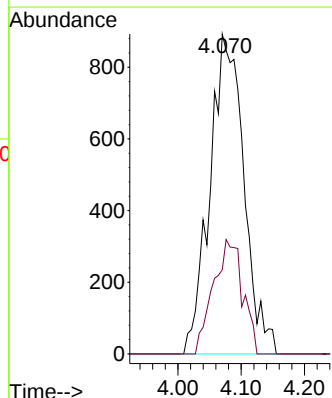
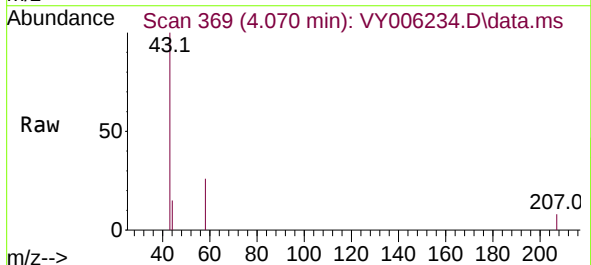
RT: 4.070 min Scan# 369

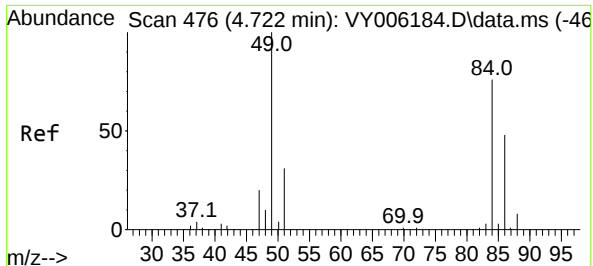
Delta R.T. 0.116 min

Lab File: VY006234.D

Acq: 30 Sep 2021 13:00

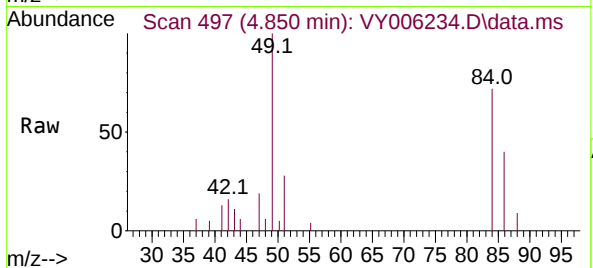
Tgt Ion: 43	Resp: 3331
Ion Ratio	Lower Upper
43	100
58	26.3 22.0 33.0





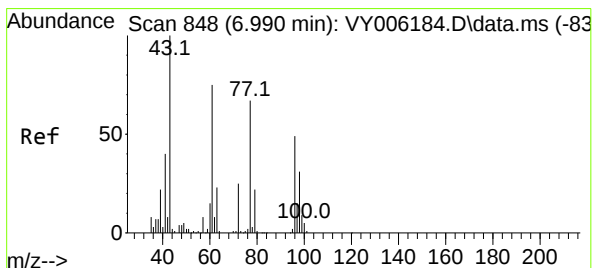
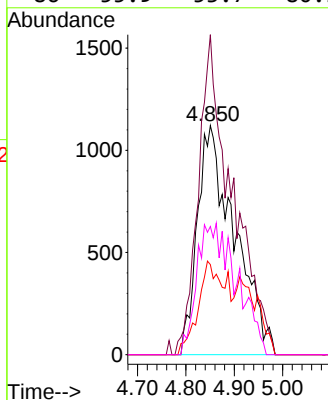
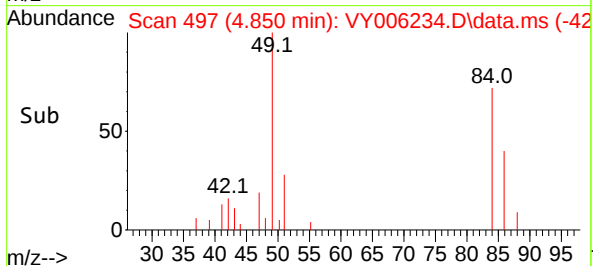
#20
Methylene Chloride
Concen: 1.871 ug/l
RT: 4.850 min Scan# 497
Delta R.T. 0.128 min
Lab File: VY006234.D
Acq: 30 Sep 2021 13:00

Instrument :
MSVOA_Y
ClientSampled :

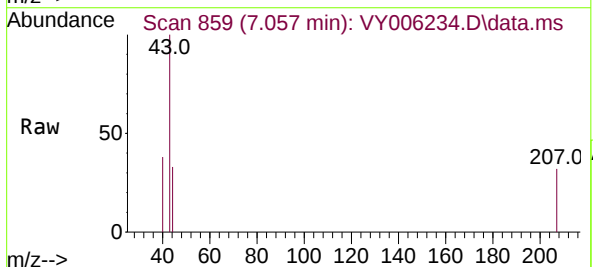


Tgt Ion: 84 Resp: 6013

Ion	Ratio	Lower	Upper
84	100		
49	139.7	114.4	171.6
51	39.3	35.3	52.9
86	55.9	53.7	80.5

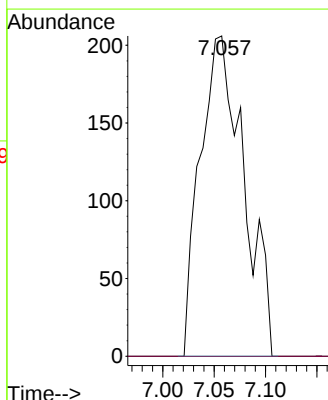
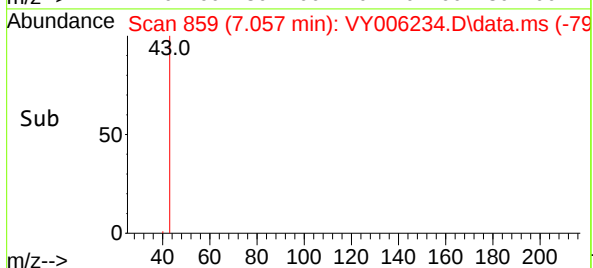


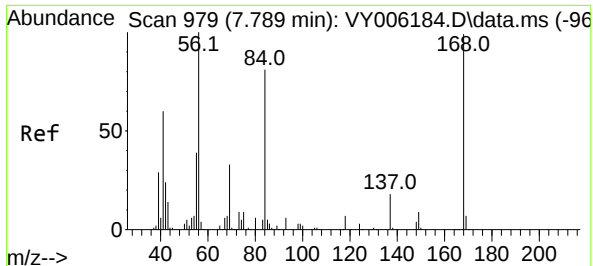
#25
2-Butanone
Concen: 1.372 ug/l
RT: 7.057 min Scan# 859
Delta R.T. 0.067 min
Lab File: VY006234.D
Acq: 30 Sep 2021 13:00



Tgt Ion: 43 Resp: 609

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

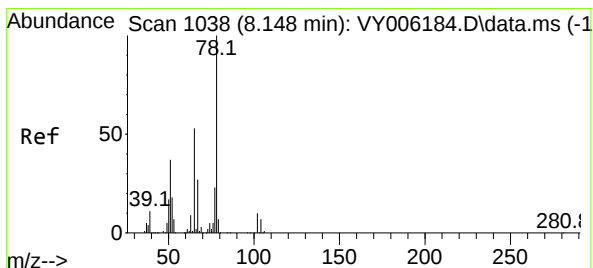
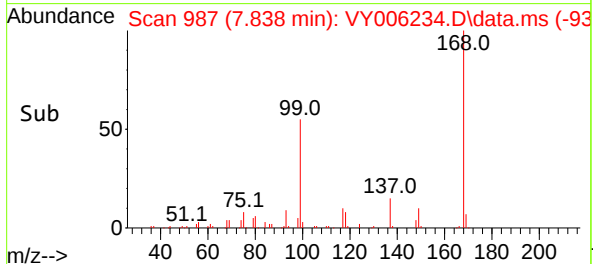
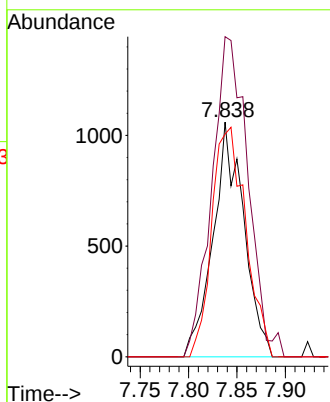
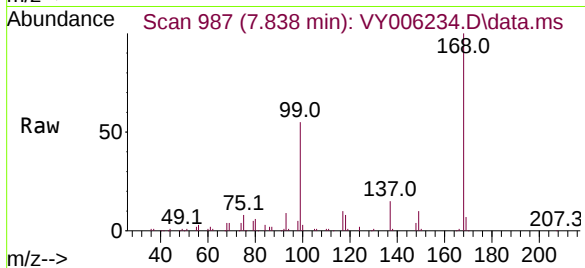




#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.838 min Scan# 987
Delta R.T. 0.049 min
Lab File: VY006234.D
Acq: 30 Sep 2021 13:00

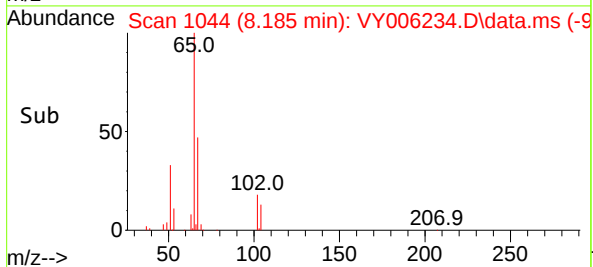
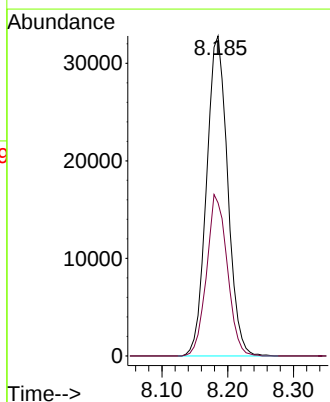
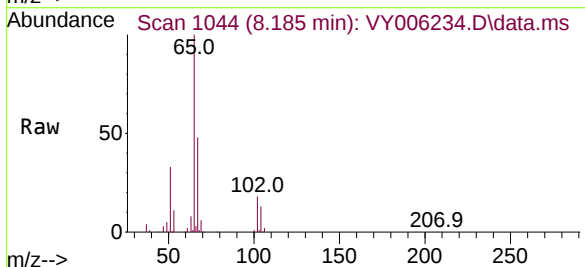
Instrument :
MSVOA_Y
ClientSampleId :

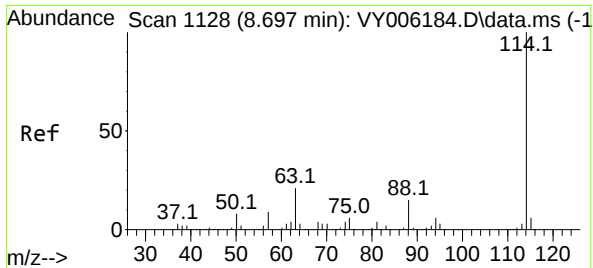
Tgt Ion: 56 Resp: 2328
Ion Ratio Lower Upper
56 100
69 136.4 26.7 40.1#
84 94.9 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 64.198 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.037 min
Lab File: VY006234.D
Acq: 30 Sep 2021 13:00

Tgt Ion: 65 Resp: 73235
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4

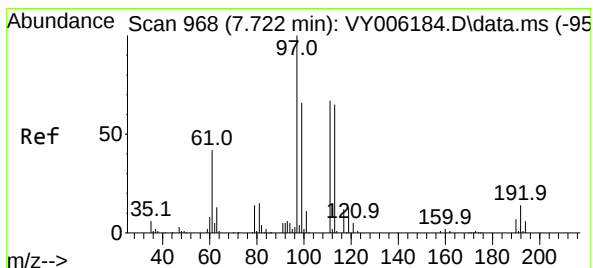
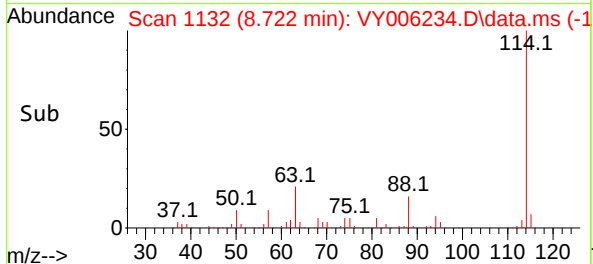
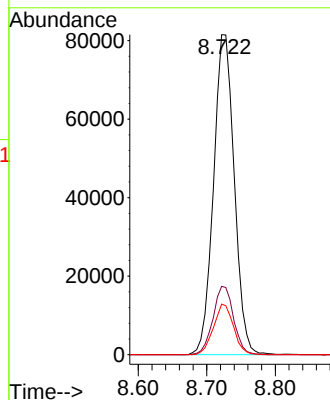
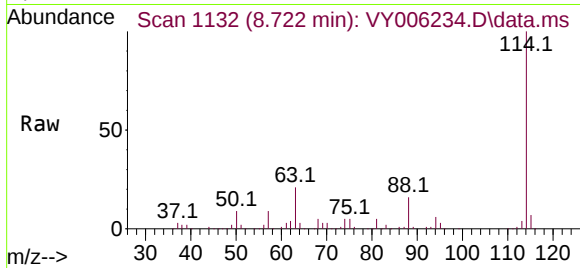




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1132
Delta R.T. 0.025 min
Lab File: VY006234.D
Acq: 30 Sep 2021 13:00

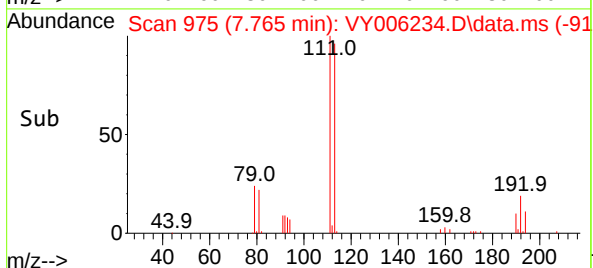
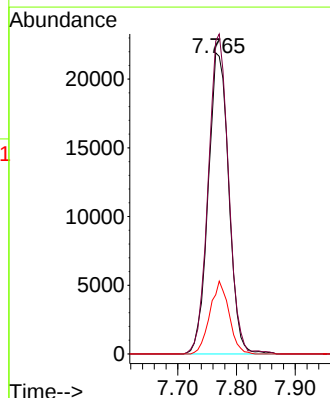
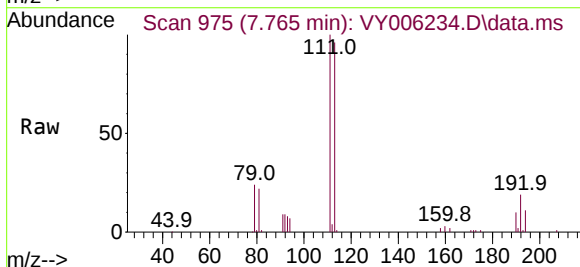
Instrument :
MSVOA_Y
ClientSampled :

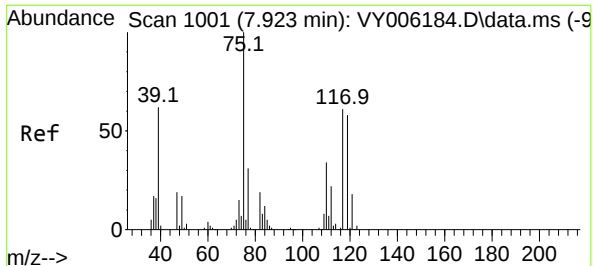
Tgt Ion:	114	Resp:	171501
Ion Ratio	Lower	Upper	
114	100		
63	21.4	0.0	43.2
88	15.8	0.0	31.8



#35
Dibromofluoromethane
Concen: 58.166 ug/l
RT: 7.765 min Scan# 975
Delta R.T. 0.043 min
Lab File: VY006234.D
Acq: 30 Sep 2021 13:00

Tgt Ion:	113	Resp:	53295
Ion Ratio	Lower	Upper	
113	100		
111	104.9	82.6	124.0
192	22.5	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.671 ug/l

RT: 7.844 min Scan# 988

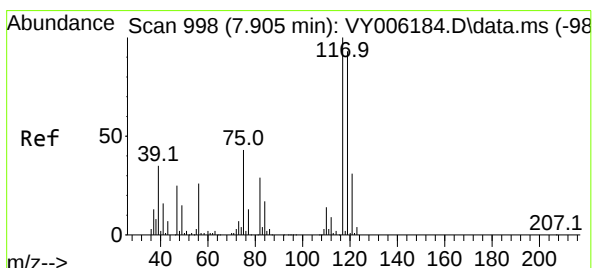
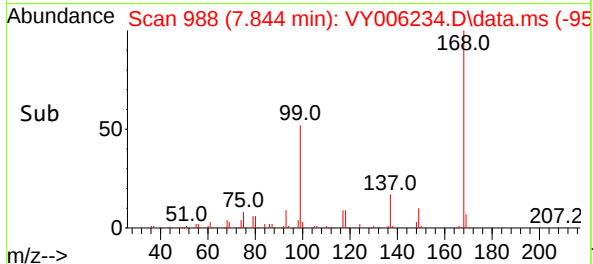
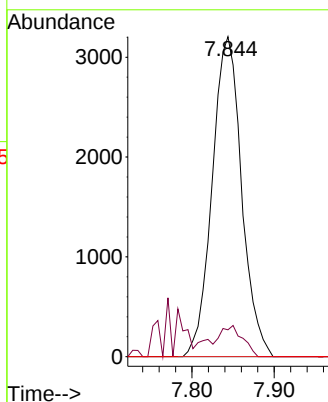
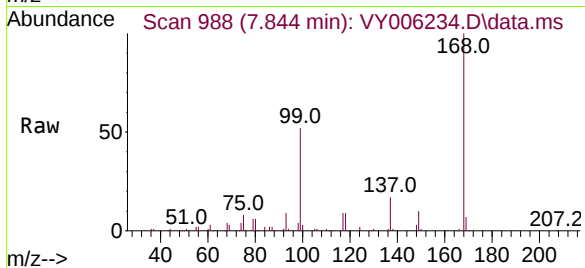
Delta R.T. -0.079 min

Lab File: VY006234.D

Acq: 30 Sep 2021 13:00

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75	Resp: 7970
Ion Ratio	Lower Upper
75 100	
110 9.6	17.1 51.2#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.617 ug/l

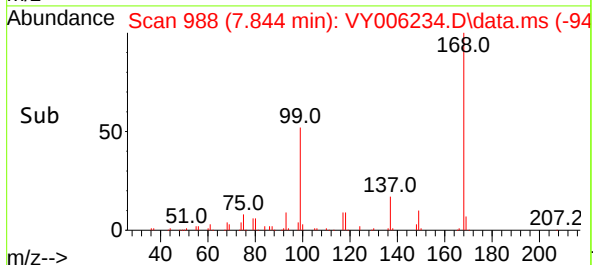
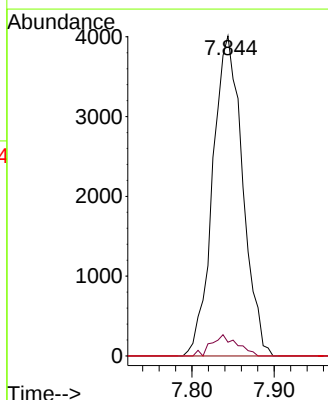
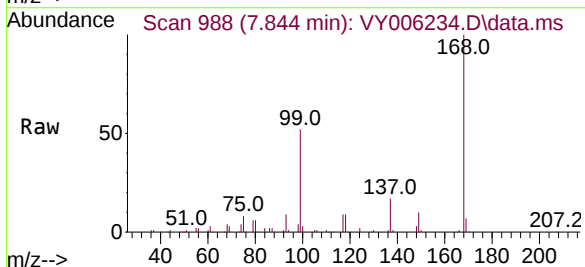
RT: 7.844 min Scan# 988

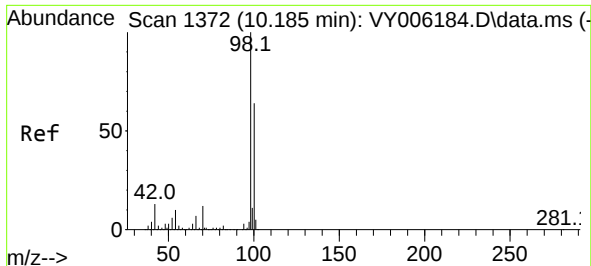
Delta R.T. -0.061 min

Lab File: VY006234.D

Acq: 30 Sep 2021 13:00

Tgt Ion: 117	Resp: 10120
Ion Ratio	Lower Upper
117 100	
119 4.3	77.9 116.9#
121 0.0	24.8 37.2#

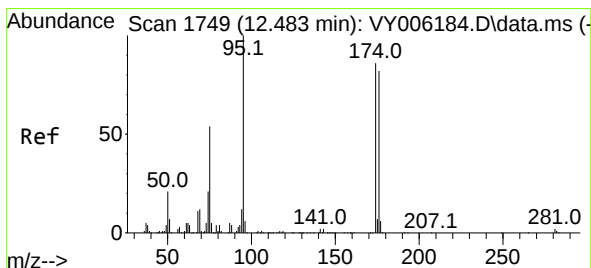
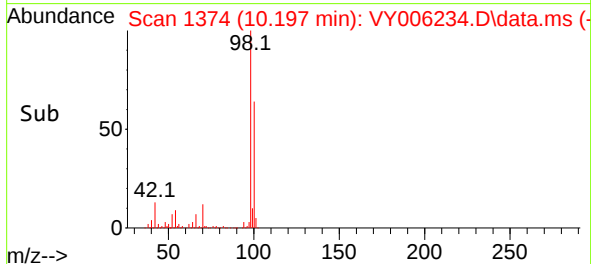
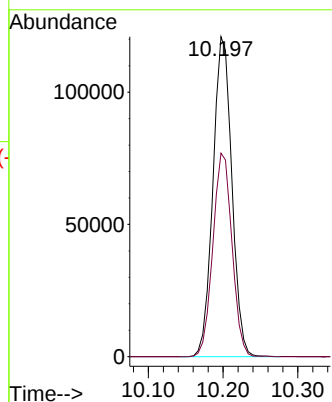
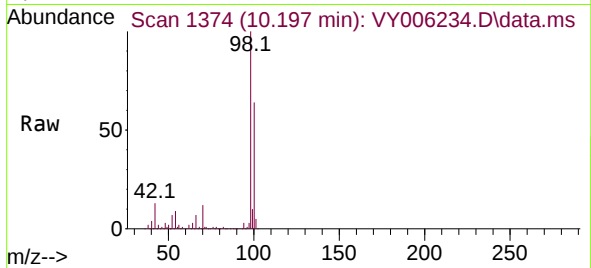




#50
Toluene-d8
Concen: 55.344 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY006234.D
Acq: 30 Sep 2021 13:00

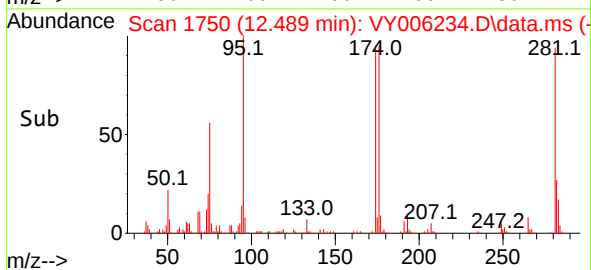
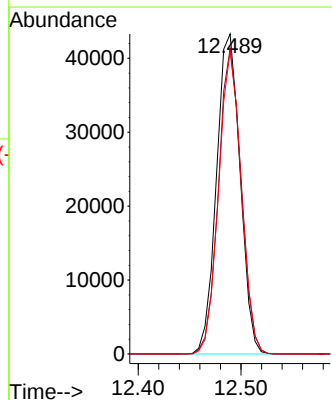
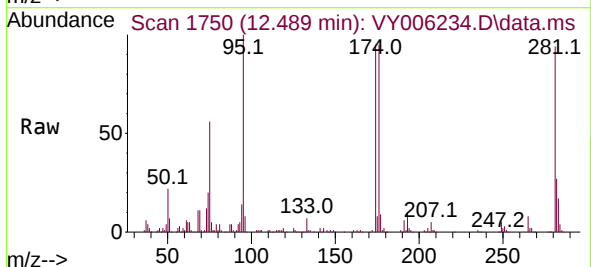
Instrument :
MSVOA_Y
ClientSampled :

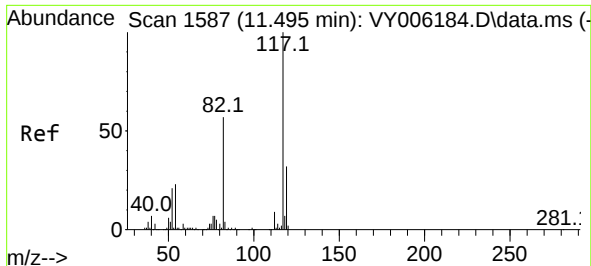
Tgt Ion: 98 Resp: 212227
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.900 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY006234.D
Acq: 30 Sep 2021 13:00

Tgt Ion: 95 Resp: 68913
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 90.4 0.0 175.8

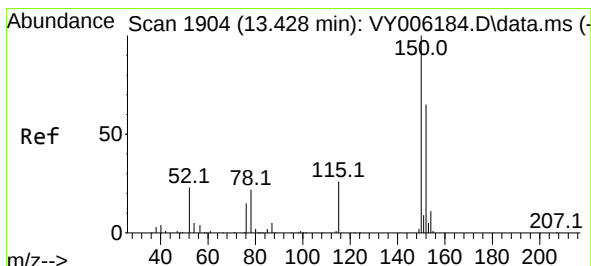
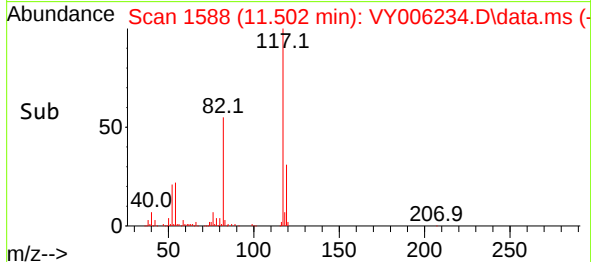
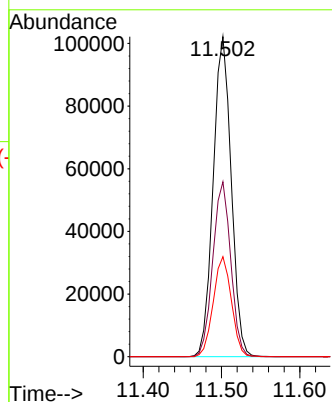
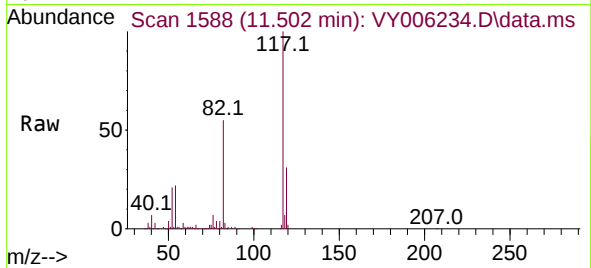




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY006234.D
Acq: 30 Sep 2021 13:00

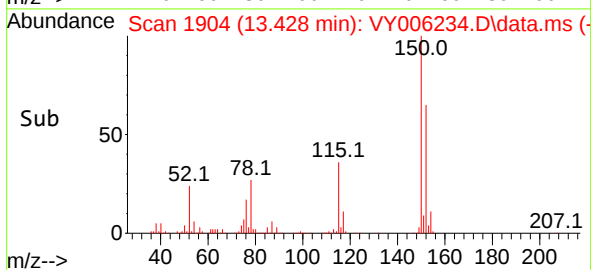
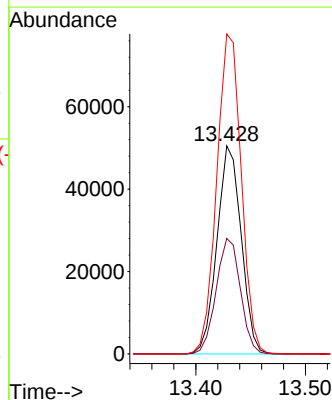
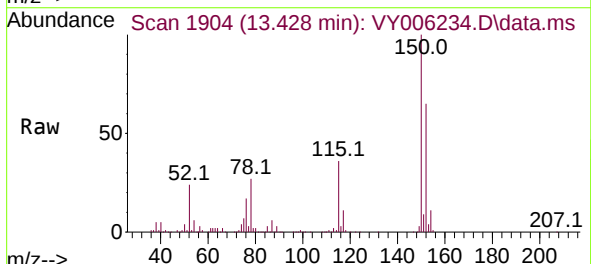
Instrument :
MSVOA_Y
ClientSampleId :

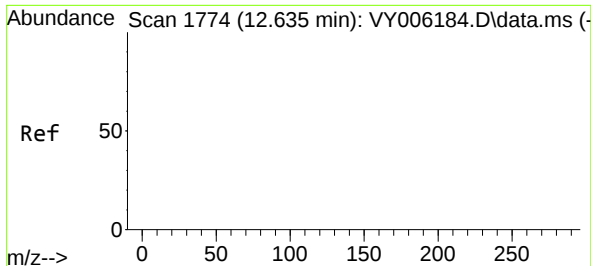
Tgt Ion:117 Resp: 163367
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006234.D
Acq: 30 Sep 2021 13:00

Tgt Ion:152 Resp: 77531
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 156.1 0.0 347.6

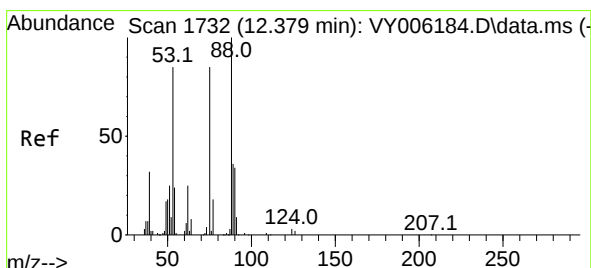
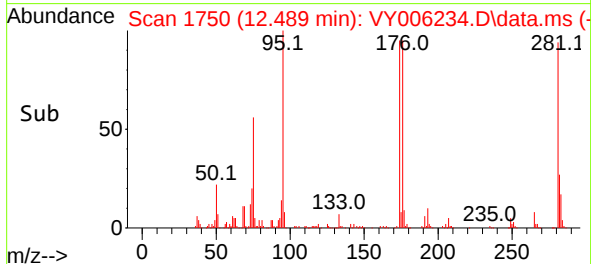
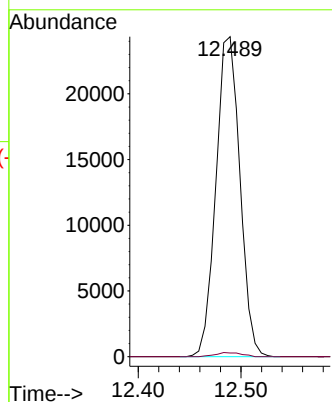
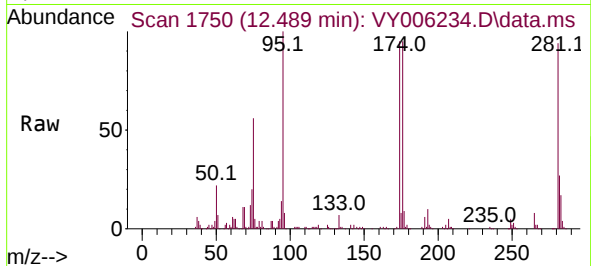




#76
1,2,3-Trichloropropane
Concen: 52.276 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY006234.D
Acq: 30 Sep 2021 13:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 39393
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.729 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY006234.D
Acq: 30 Sep 2021 13:00

Tgt Ion: 75 Resp: 39393
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.6 37.0 55.4#

