

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006240.D
 Acq On : 30 Sep 2021 15:19
 Operator : SY/MD
 Sample : M3990-05
 Misc : 5.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 01 06:27:21 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)

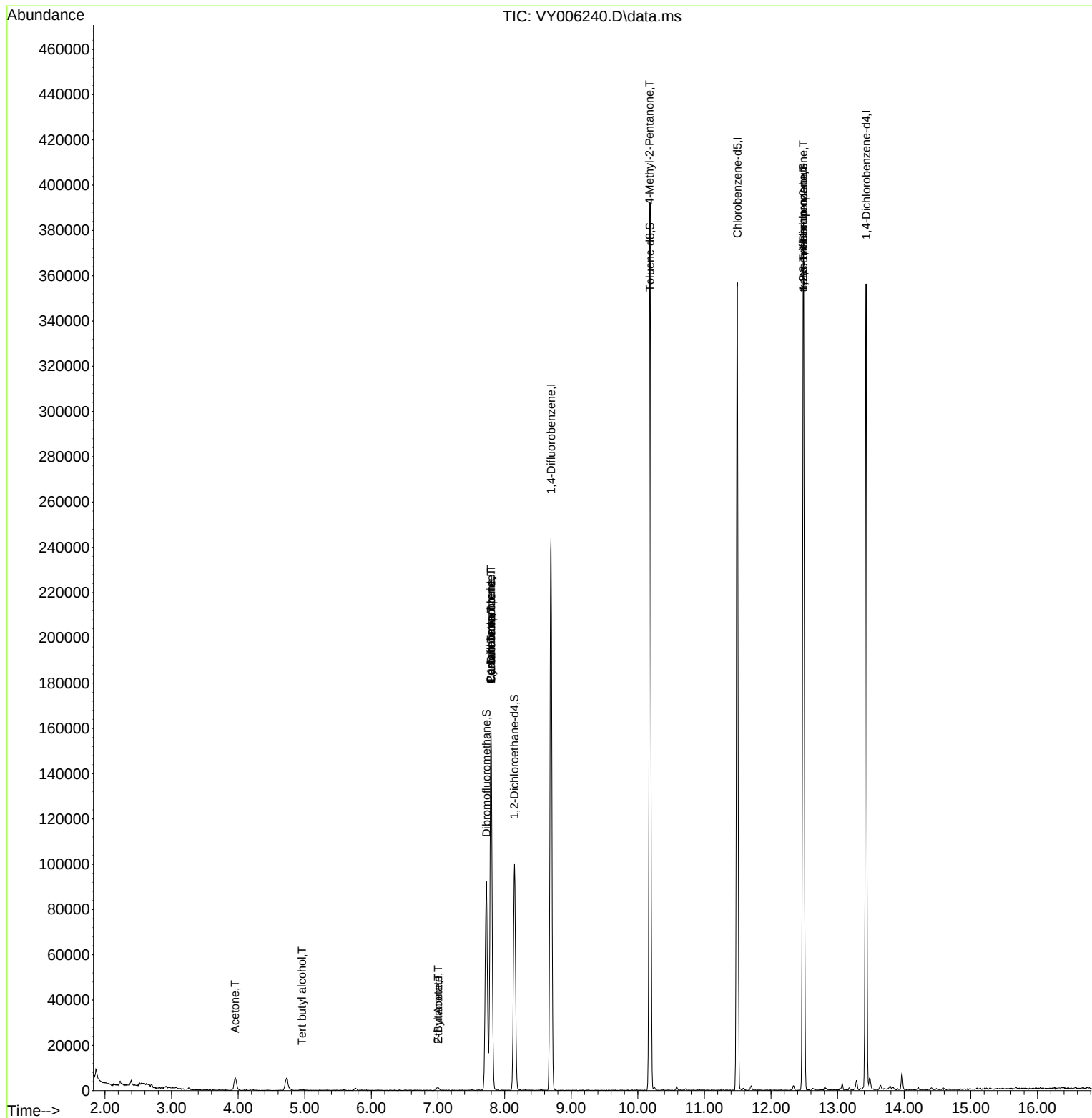
Internal Standards						
1) Pentafluorobenzene	7.795	168	125228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	206131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	189738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83869	62.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.140%	
35) Dibromofluoromethane	7.728	113	61488	55.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.660%	
50) Toluene-d8	10.185	98	253952	55.099	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.200%	
62) 4-Bromofluorobenzene	12.483	95	79161	50.558	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	671	5.723	ug/l #	77
16) Acetone	3.954	43	10141	27.090	ug/l #	89
20) Methylene Chloride	4.722	84	3907	Below Cal	#	81
25) 2-Butanone	7.002	43	2301	4.413	ug/l #	89
31) Cyclohexane	7.795	56	2654	1.045	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	9360	4.564	ug/l #	52
37) Ethyl Acetate	7.002	43	2301	1.926	ug/l #	79
38) Carbon Tetrachloride	7.795	117	11778	5.439	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1218	1.024	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	46675	55.446	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46675	108.959	ug/l #	7

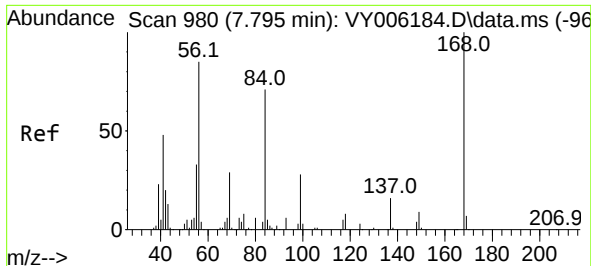
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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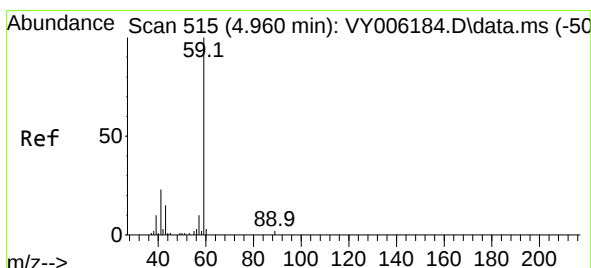
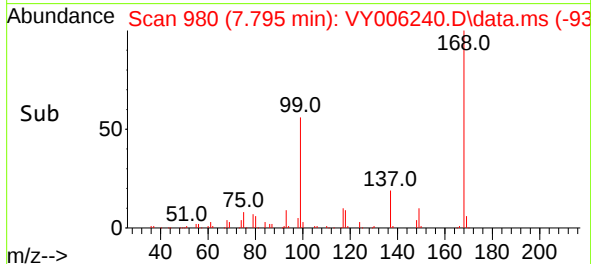
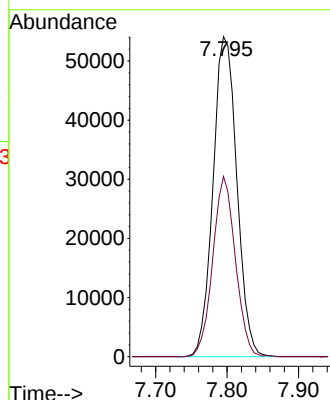
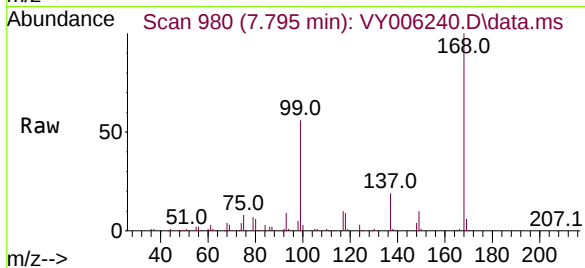




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006240.D
Acq: 30 Sep 2021 15:19

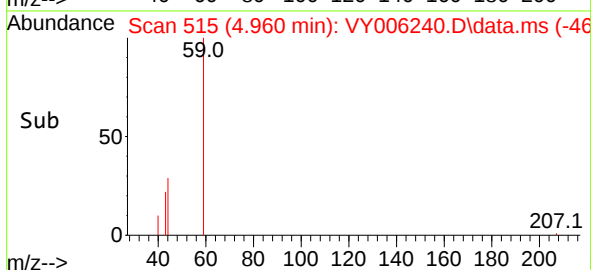
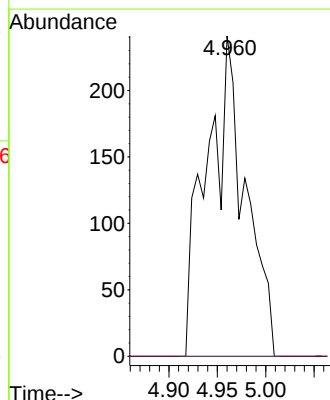
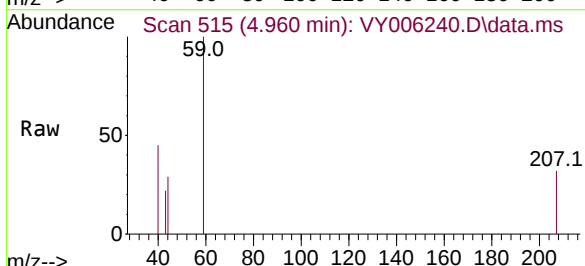
Instrument :
MSVOA_Y
ClientSampled :

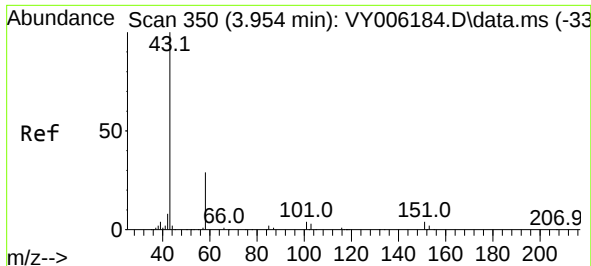
Tgt Ion:168 Resp: 125228
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 5.723 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006240.D
Acq: 30 Sep 2021 15:19

Tgt Ion: 59 Resp: 671
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

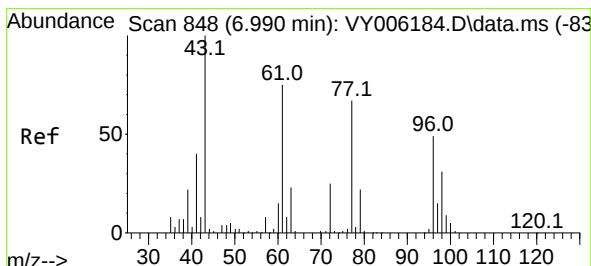
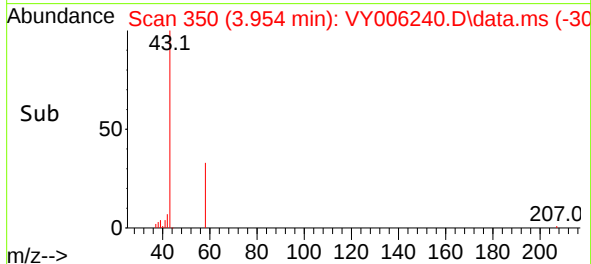
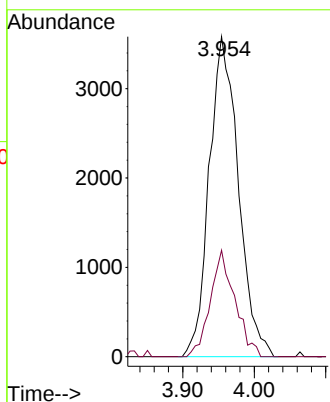
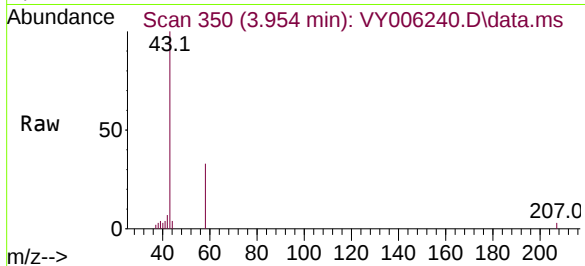




#16
Acetone
Concen: 27.090 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006240.D
Acq: 30 Sep 2021 15:19

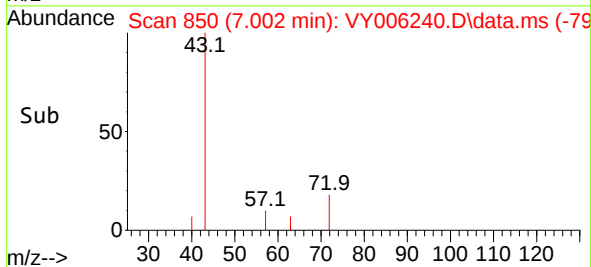
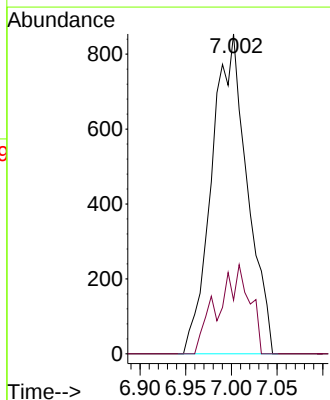
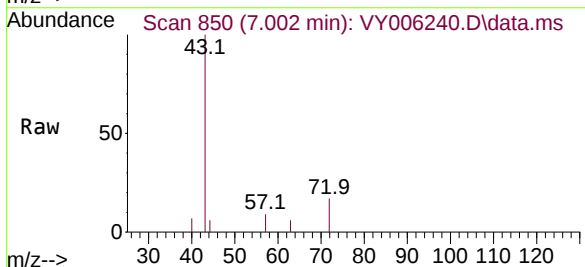
Instrument :
MSVOA_Y
ClientSampleId :

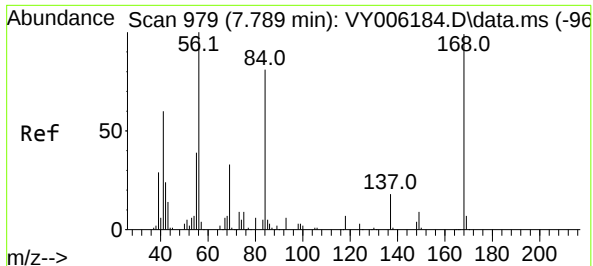
Tgt Ion: 43 Resp: 10141
Ion Ratio Lower Upper
43 100
58 33.2 22.0 33.0#



#25
2-Butanone
Concen: 4.413 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY006240.D
Acq: 30 Sep 2021 15:19

Tgt Ion: 43 Resp: 2301
Ion Ratio Lower Upper
43 100
72 16.7 17.7 26.5#

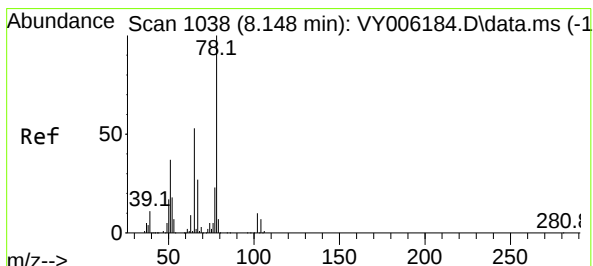
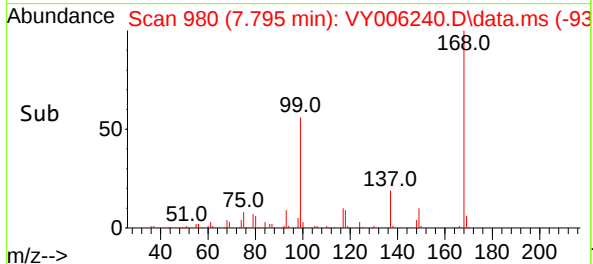
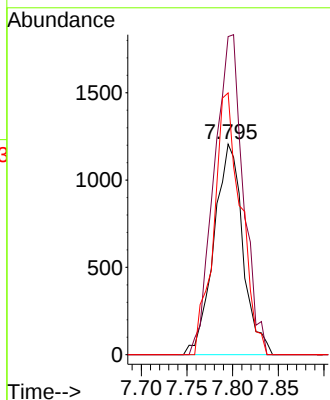
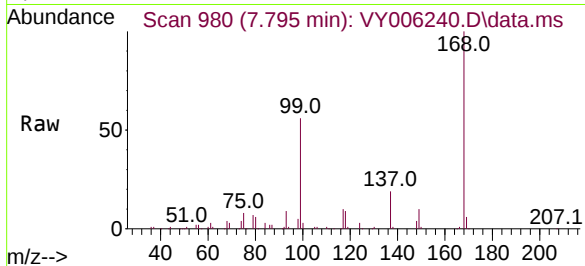




#31
Cyclohexane
Concen: 1.045 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006240.D
Acq: 30 Sep 2021 15:19

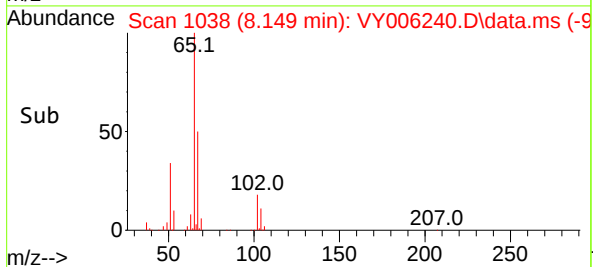
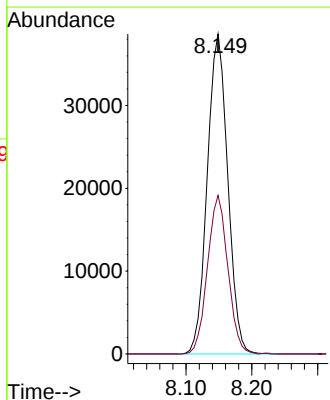
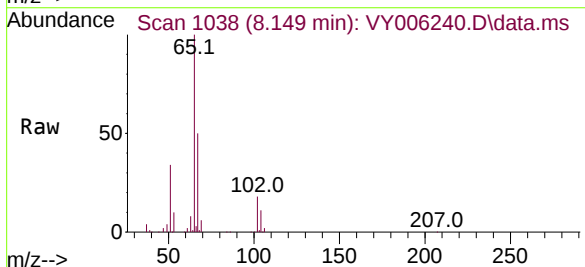
Instrument :
MSVOA_Y
ClientSampleId :

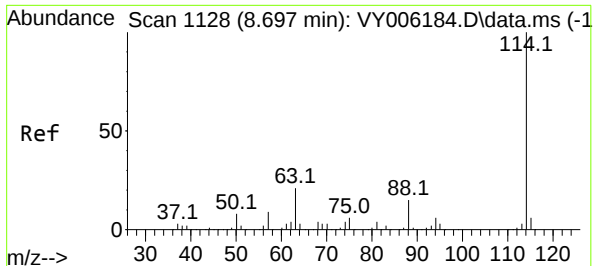
Tgt Ion: 56 Resp: 2654
Ion Ratio Lower Upper
56 100
69 151.1 26.7 40.1#
84 124.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.575 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006240.D
Acq: 30 Sep 2021 15:19

Tgt Ion: 65 Resp: 83869
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.4

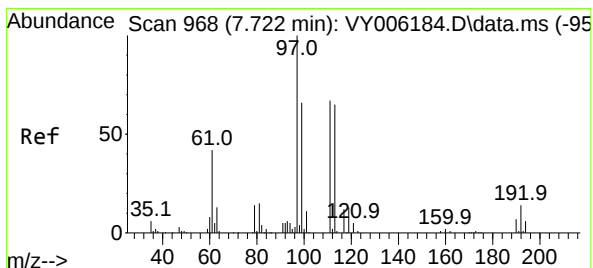
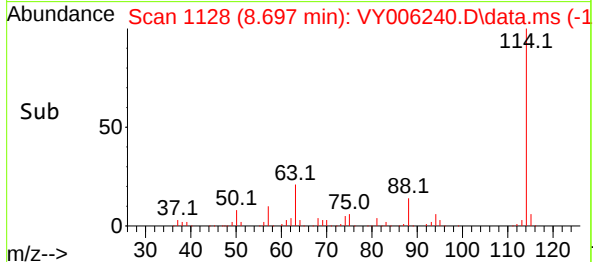
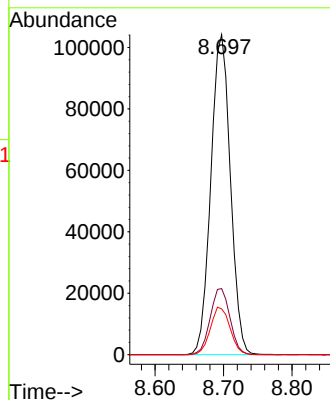
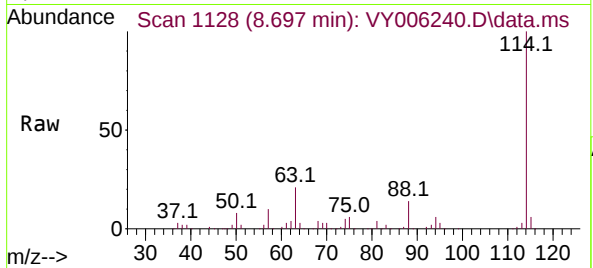




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006240.D
Acq: 30 Sep 2021 15:19

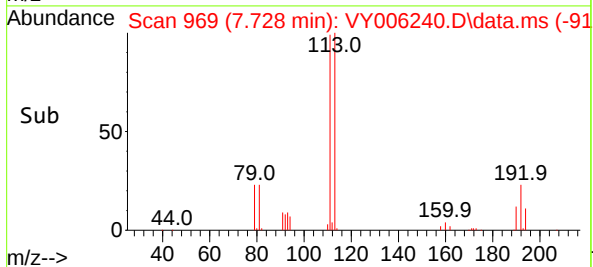
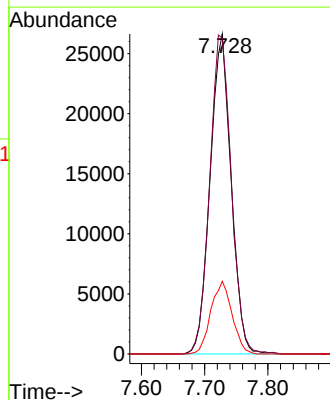
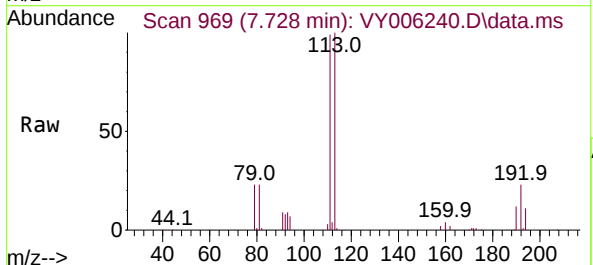
Instrument :
MSVOA_Y
ClientSampleId :

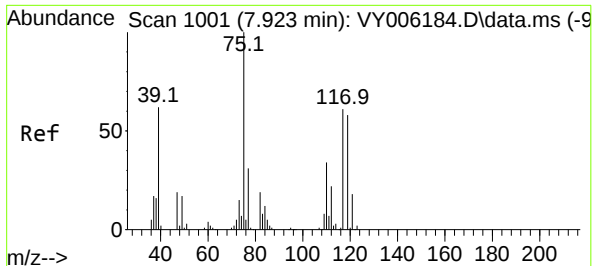
Tgt Ion:114 Resp: 206131
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.2
88 14.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.833 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006240.D
Acq: 30 Sep 2021 15:19

Tgt Ion:113 Resp: 61488
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 22.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.564 ug/l

RT: 7.795 min Scan# 980

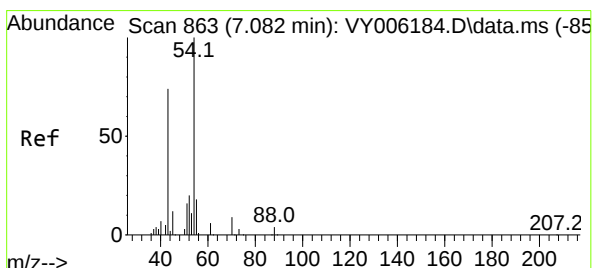
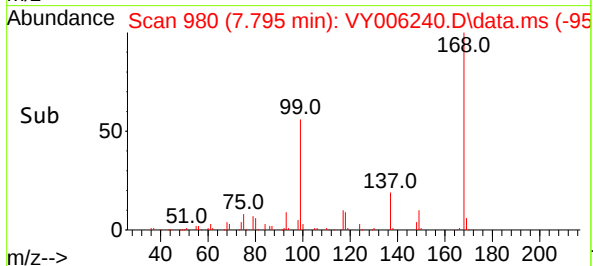
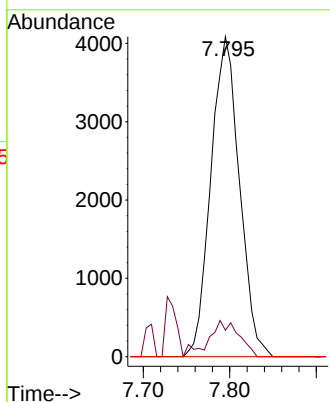
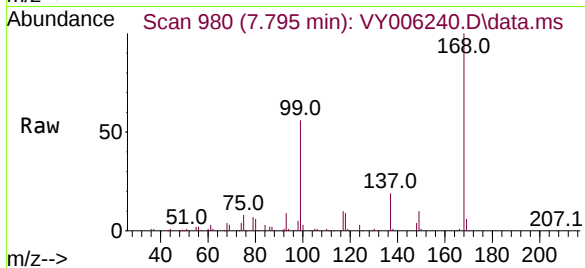
Delta R.T. -0.128 min

Lab File: VY006240.D

Acq: 30 Sep 2021 15:19

Tgt Ion:	75	Resp:	9360
Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampled :



#37

Ethyl Acetate

Concen: 1.926 ug/l

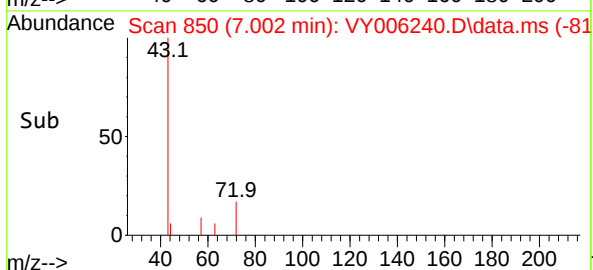
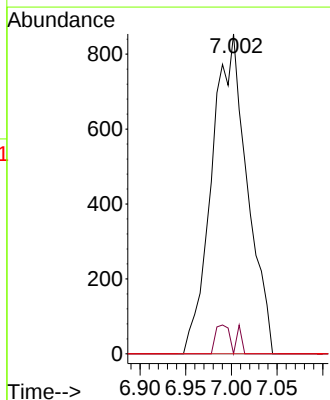
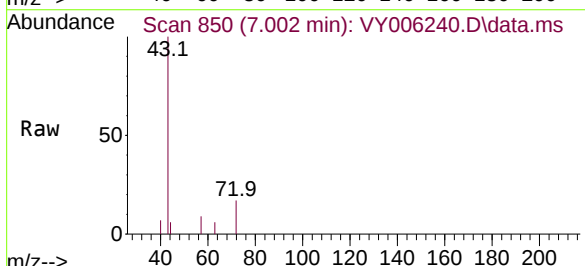
RT: 7.002 min Scan# 850

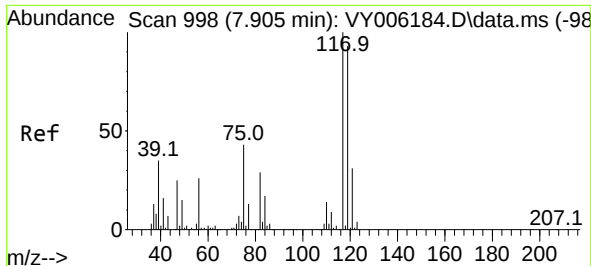
Delta R.T. -0.079 min

Lab File: VY006240.D

Acq: 30 Sep 2021 15:19

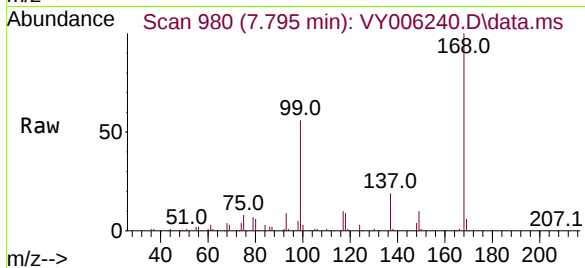
Tgt Ion:	43	Resp:	2301
Ion	Ratio	Lower	Upper
43	100		
61	4.7	9.7	14.5#
70	0.0	7.1	10.7#



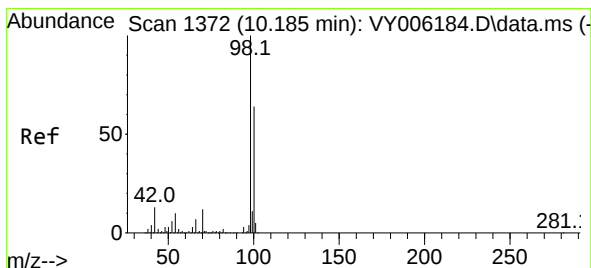
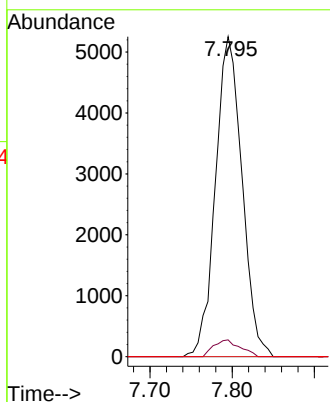
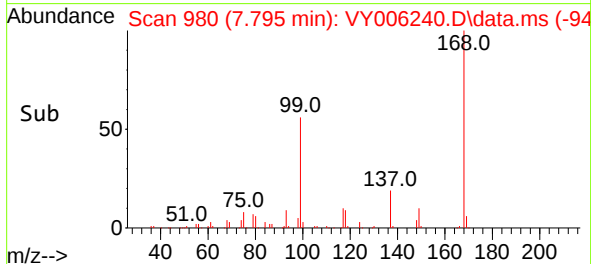


#38
Carbon Tetrachloride
Concen: 5.439 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006240.D
Acq: 30 Sep 2021 15:19

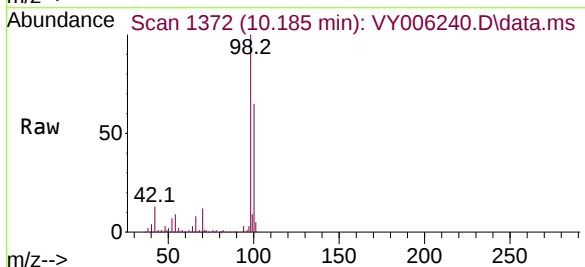
Instrument :
MSVOA_Y
ClientSampled :



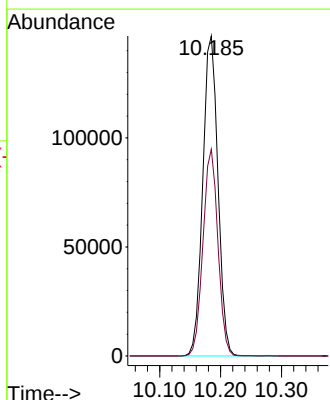
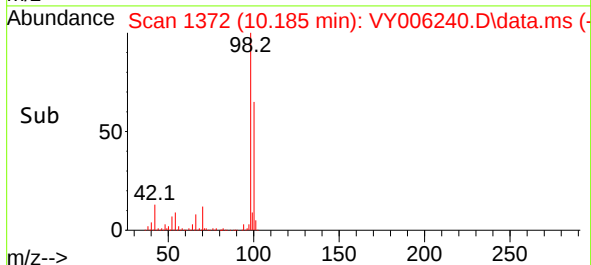
Tgt Ion: 117 Resp: 11778
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#

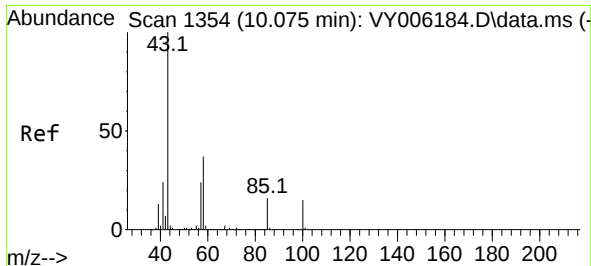


#50
Toluene-d8
Concen: 55.099 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006240.D
Acq: 30 Sep 2021 15:19



Tgt Ion: 98 Resp: 253952
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

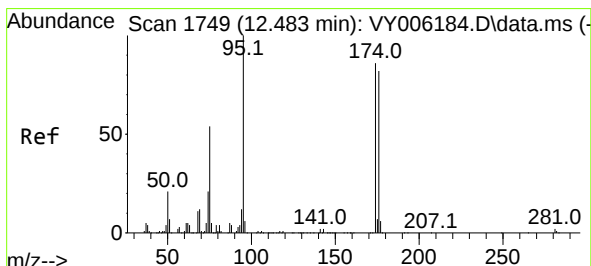
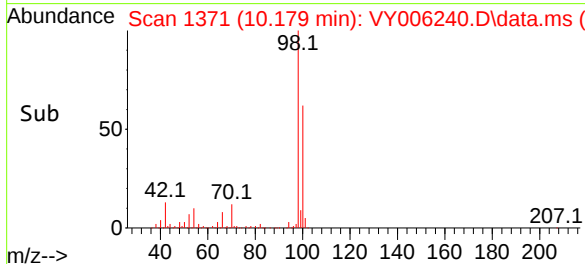
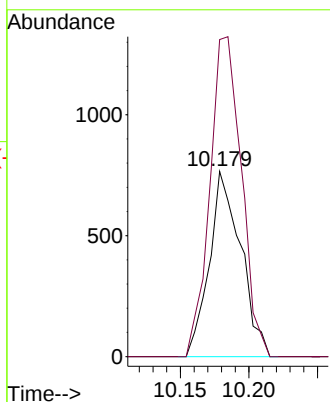
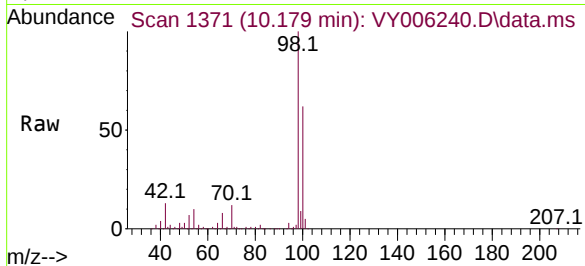




#51
4-Methyl-2-Pentanone
Concen: 1.024 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006240.D
Acq: 30 Sep 2021 15:19

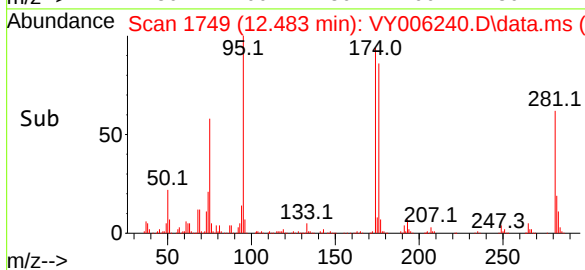
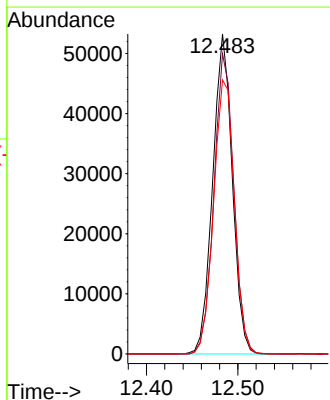
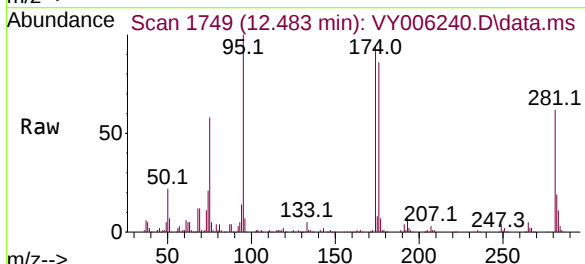
Instrument :
MSVOA_Y
ClientSampled :

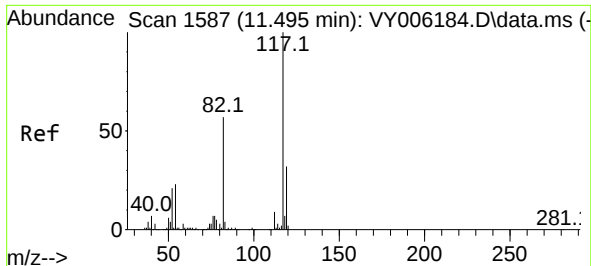
Tgt Ion: 43 Resp: 1218
Ion Ratio Lower Upper
43 100
58 174.1 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 50.558 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006240.D
Acq: 30 Sep 2021 15:19

Tgt Ion: 95 Resp: 79161
Ion Ratio Lower Upper
95 100
174 95.1 0.0 177.0
176 90.9 0.0 175.8

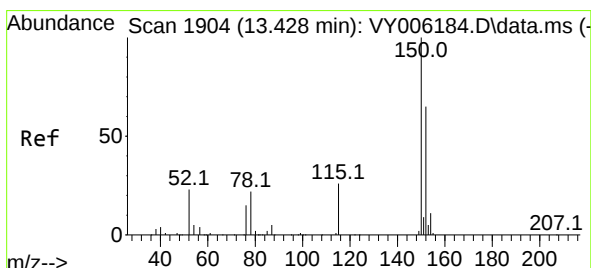
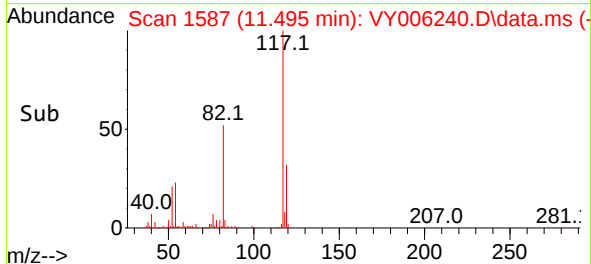
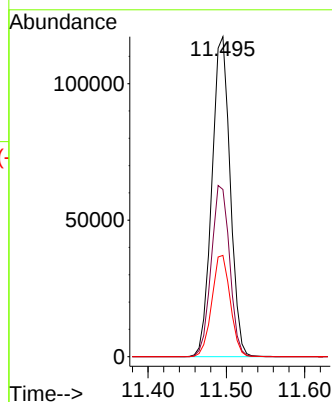
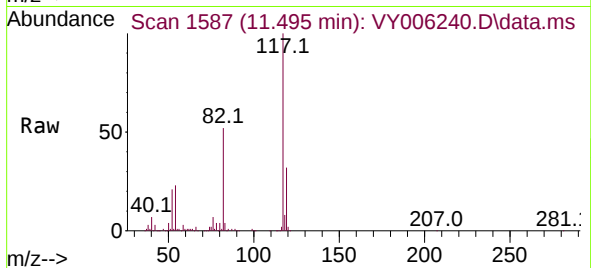




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006240.D
Acq: 30 Sep 2021 15:19

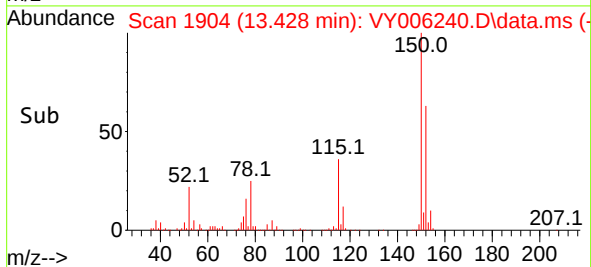
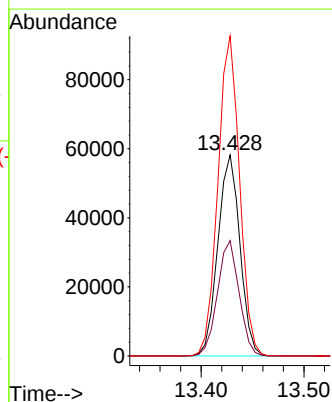
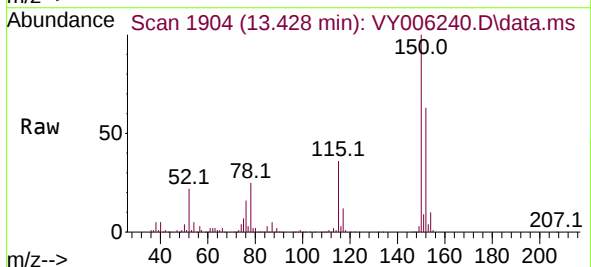
Instrument :
MSVOA_Y
ClientSampleId :

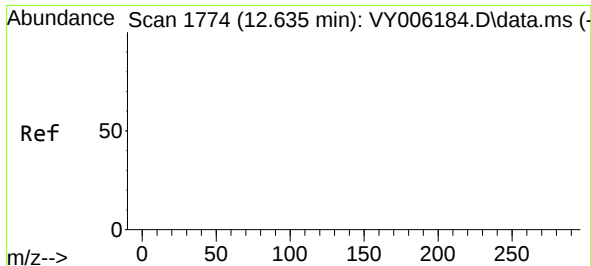
Tgt Ion:117 Resp: 189738
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006240.D
Acq: 30 Sep 2021 15:19

Tgt Ion:152 Resp: 86611
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 156.1 0.0 347.6

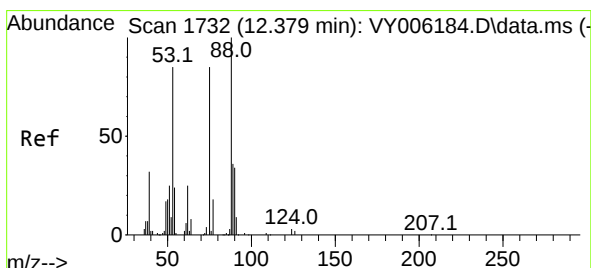
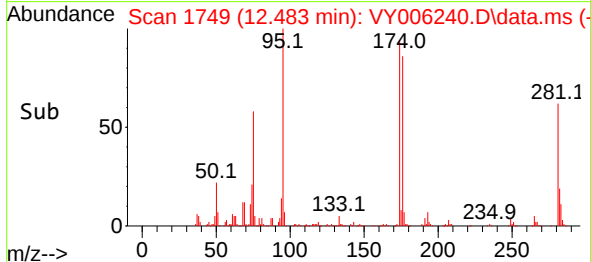
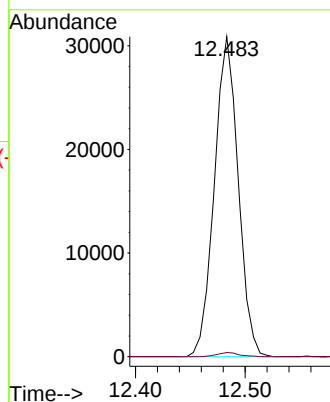
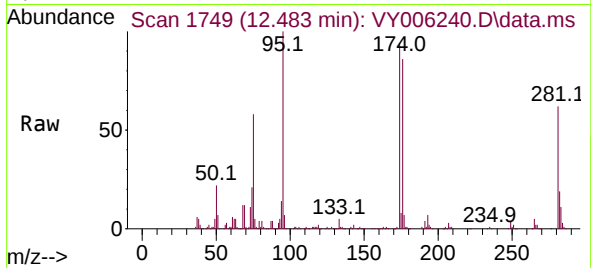




#76
1,2,3-Trichloropropane
Concen: 55.446 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006240.D
Acq: 30 Sep 2021 15:19

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 46675
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.959 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006240.D
Acq: 30 Sep 2021 15:19

Tgt Ion: 75 Resp: 46675
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.4 37.0 55.4#

