

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY004999.D
 Acq On : 07 Jun 2021 17:42
 Operator : SY/MD
 Sample : M2612-16
 Misc : 14.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:10:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

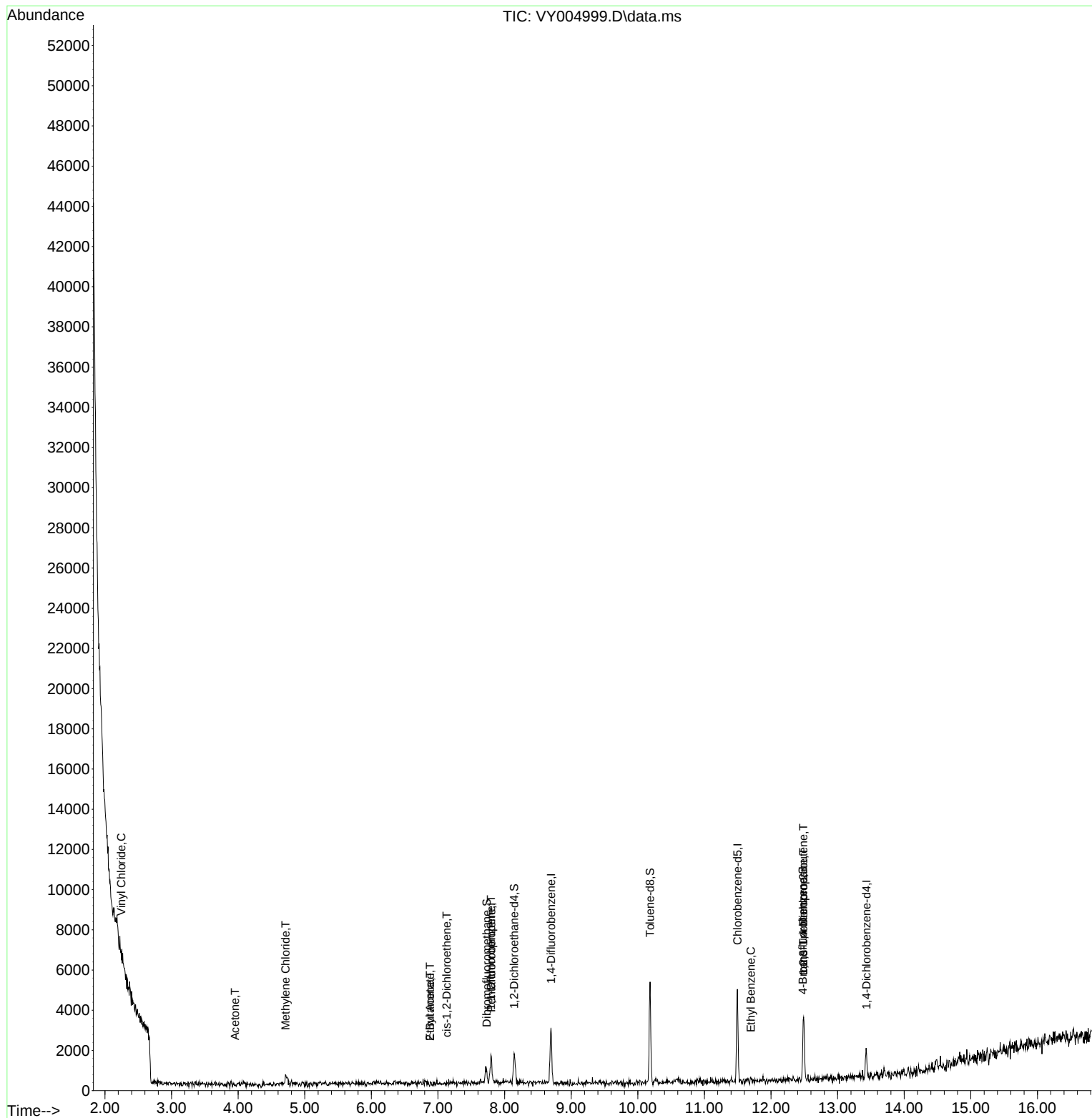
Internal Standards						
1) Pentafluorobenzene	7.801	168	1290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	2962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	2919	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1221	89.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.060%#	
35) Dibromofluoromethane	7.734	113	612	38.404	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 76.800%	
50) Toluene-d8	10.185	98	3576	54.031	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.060%	
62) 4-Bromofluorobenzene	12.477	95	750	32.950	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 65.900%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.247	62	103	6.693	ug/l #	43
16) Acetone	3.954	43	47	14.317	ug/l #	43
20) Methylene Chloride	4.710	84	328	16.826	ug/l #	79
25) 2-Butanone	6.881	43	20	3.623	ug/l #	49
27) cis-1,2-Dichloroethene	7.130	96	22	1.349	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	77	2.656	ug/l #	41
37) Ethyl Acetate	6.881	43	20	1.049	ug/l #	70
67) Ethyl Benzene	11.697	91	114	1.067	ug/l #	44
76) 1,2,3-Trichloropropane	12.483	75	427	95.239	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	427	175.029	ug/l #	15

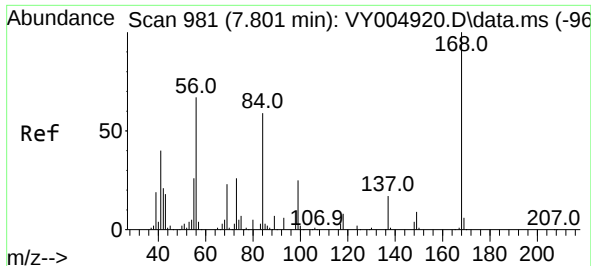
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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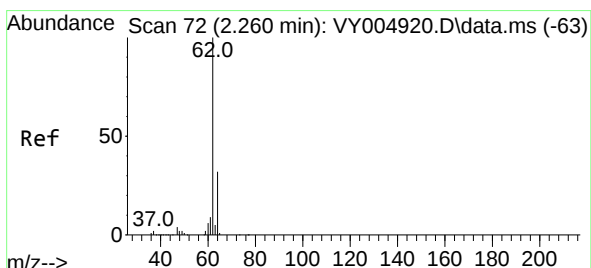
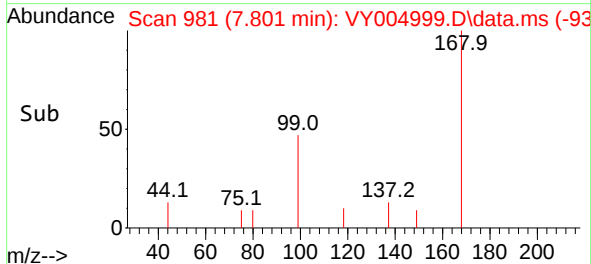
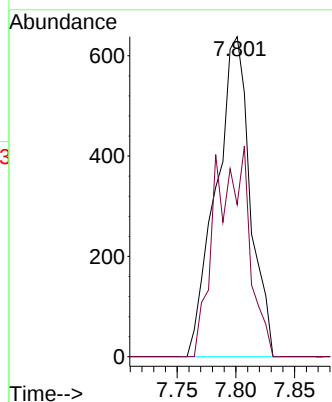
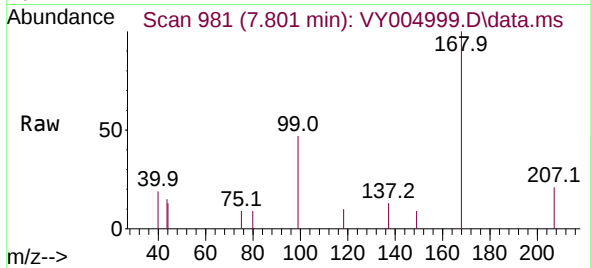




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004999.D
Acq: 07 Jun 2021 17:42

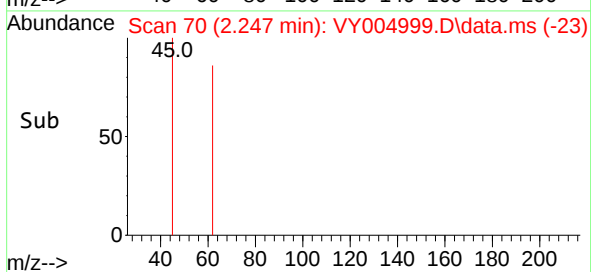
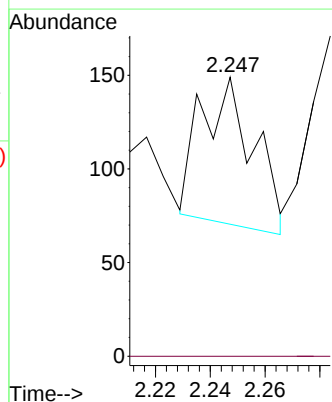
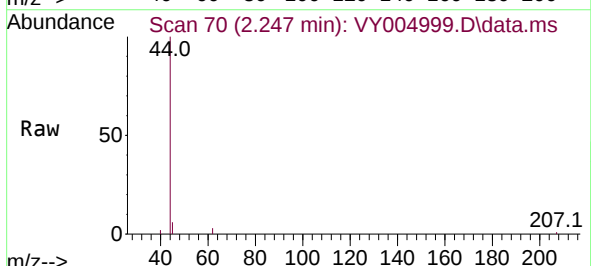
Instrument :
MSVOA_Y
ClientSampled :

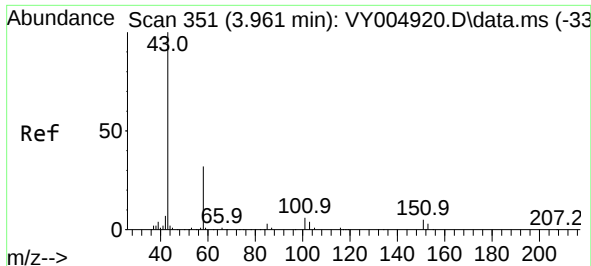
Tgt Ion:168 Resp: 1290
Ion Ratio Lower Upper
168 100
99 47.5 43.9 65.9



#4
Vinyl Chloride
Concen: 6.693 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY004999.D
Acq: 07 Jun 2021 17:42

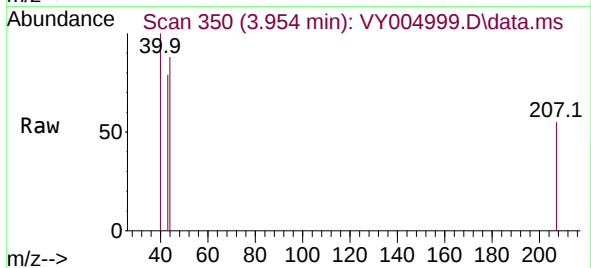
Tgt Ion: 62 Resp: 103
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#



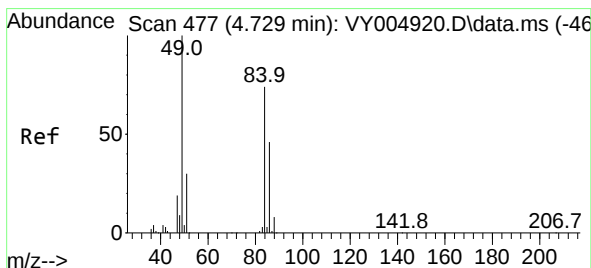
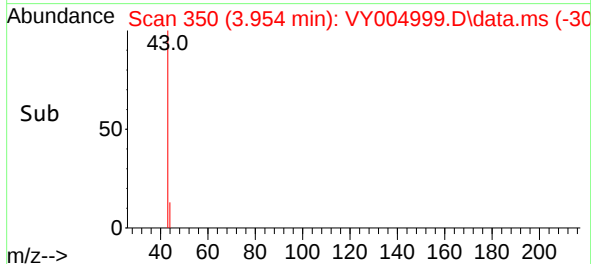
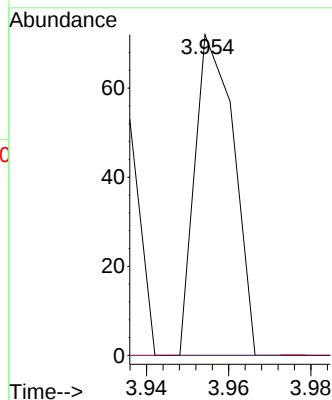


#16
Acetone
Concen: 14.317 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004999.D
Acq: 07 Jun 2021 17:42

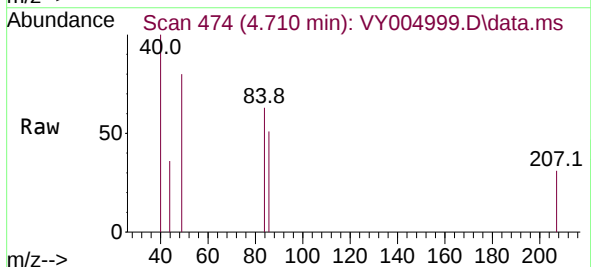
Instrument :
MSVOA_Y
ClientSampleId :



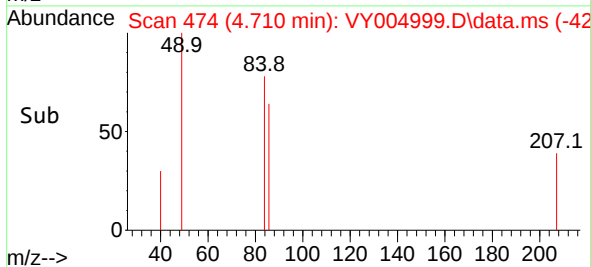
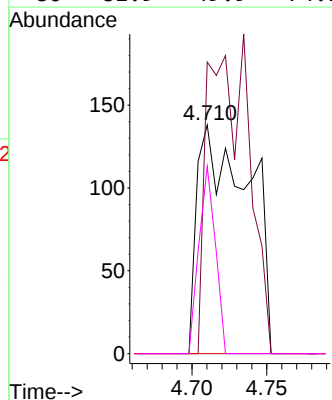
Tgt Ion: 43 Resp: 47
Ion Ratio Lower Upper
43 100
58 0.0 25.3 37.9#

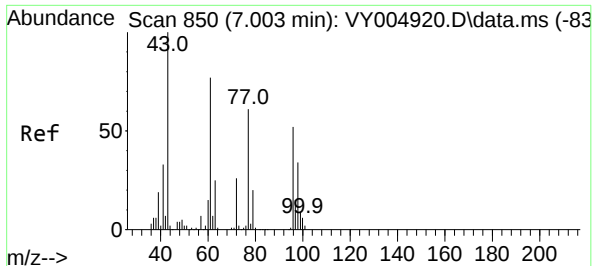


#20
Methylene Chloride
Concen: 16.826 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY004999.D
Acq: 07 Jun 2021 17:42



Tgt Ion: 84 Resp: 328
Ion Ratio Lower Upper
84 100
49 127.5 108.0 162.0
51 0.0 32.6 48.8#
86 81.9 49.9 74.9#





#25

2-Butanone

Concen: 3.623 ug/l

RT: 6.881 min Scan# 830

Delta R.T. -0.122 min

Lab File: VY004999.D

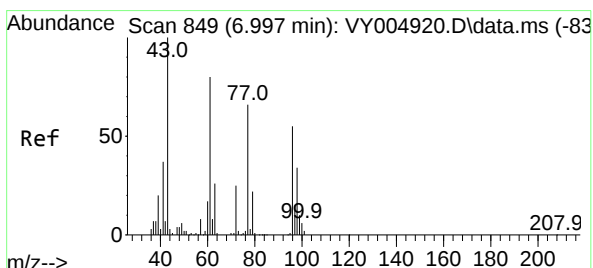
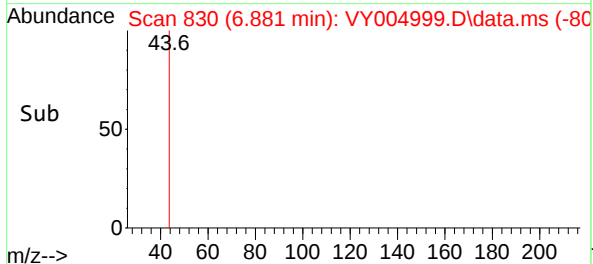
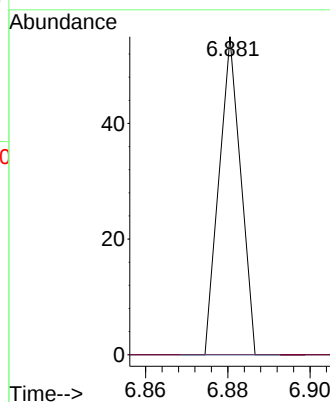
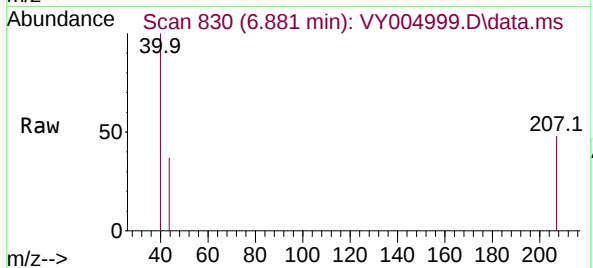
Acq: 07 Jun 2021 17:42

Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

72 0.0 20.6 31.0#



#27

cis-1,2-Dichloroethene

Concen: 1.349 ug/l

RT: 7.130 min Scan# 871

Delta R.T. 0.134 min

Lab File: VY004999.D

Acq: 07 Jun 2021 17:42

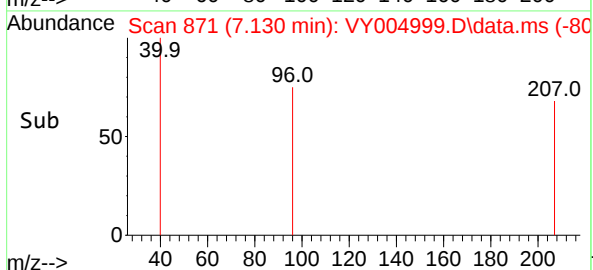
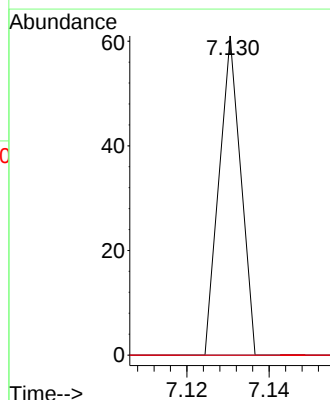
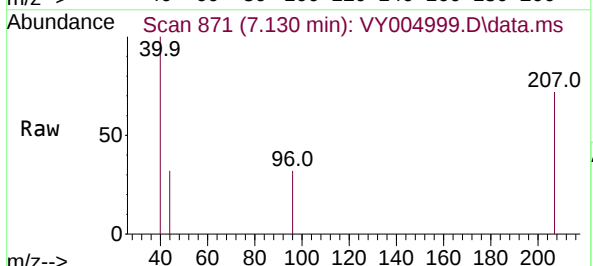
Tgt Ion: 96 Resp: 22

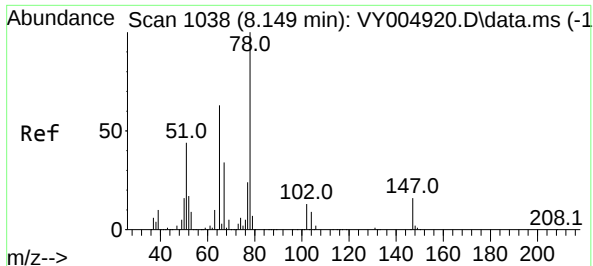
Ion Ratio Lower Upper

96 100

61 0.0 0.0 293.8

98 0.0 0.0 128.6

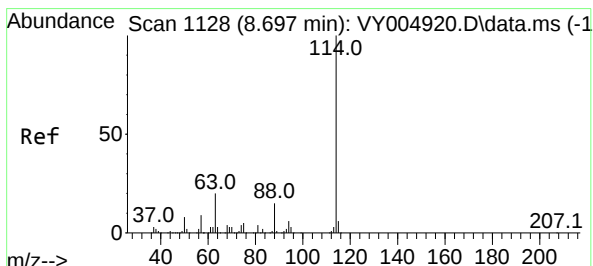
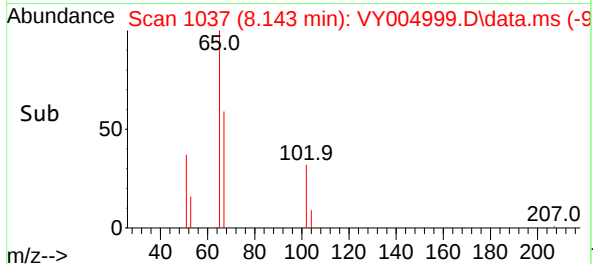
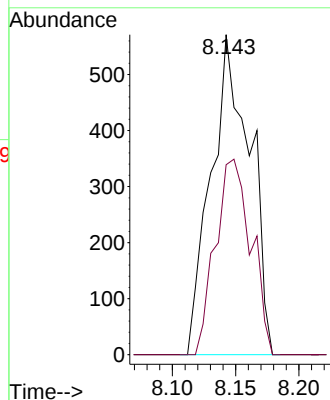
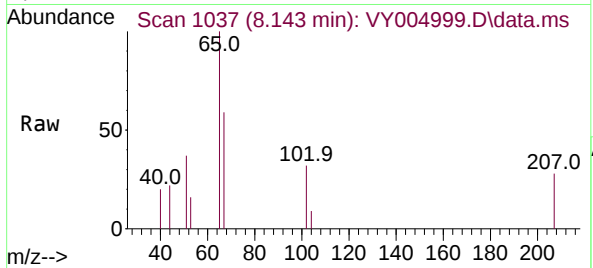




#33
1,2-Dichloroethane-d4
Concen: 89.532 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004999.D
Acq: 07 Jun 2021 17:42

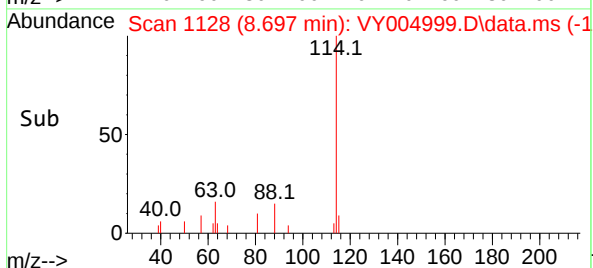
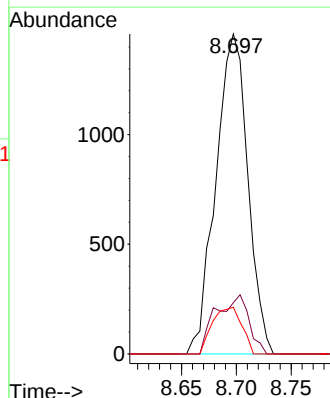
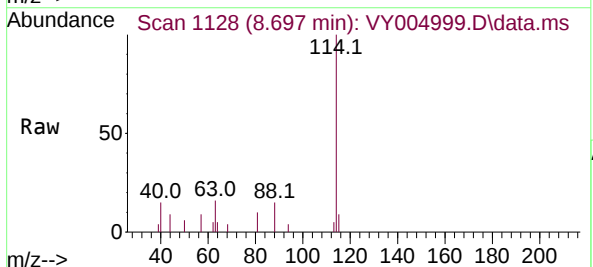
Instrument :
MSVOA_Y
ClientSampled :

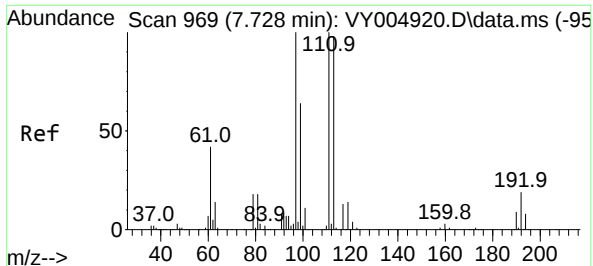
Tgt Ion: 65 Resp: 1221
Ion Ratio Lower Upper
65 100
67 56.1 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004999.D
Acq: 07 Jun 2021 17:42

Tgt Ion:114 Resp: 2962
Ion Ratio Lower Upper
114 100
63 16.0 0.0 41.0
88 14.6 0.0 30.6

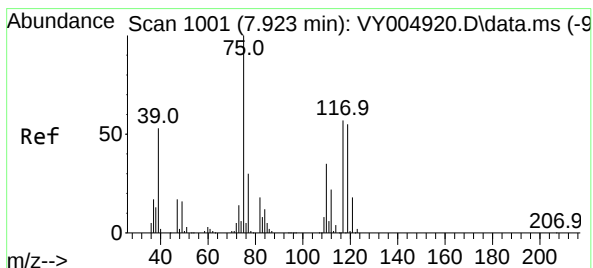
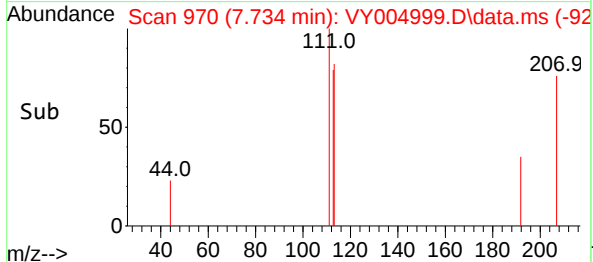
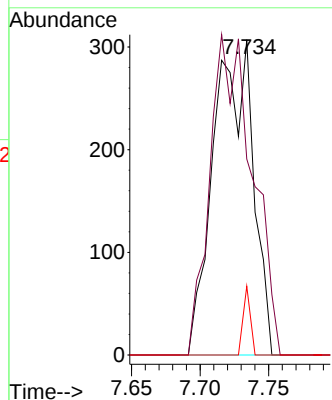
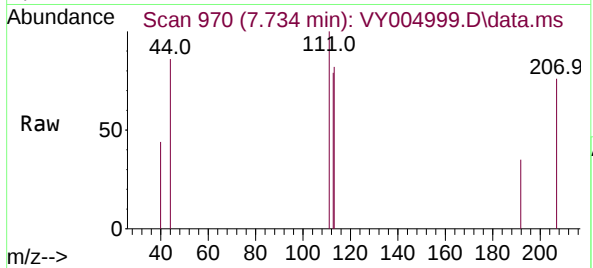




#35
Dibromofluoromethane
Concen: 38.404 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004999.D
Acq: 07 Jun 2021 17:42

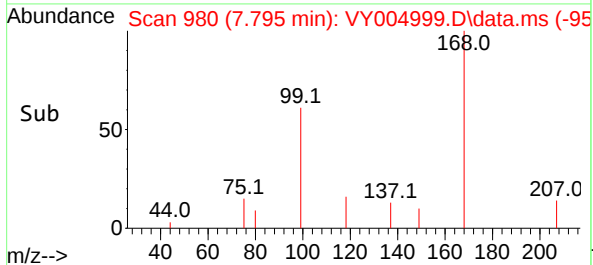
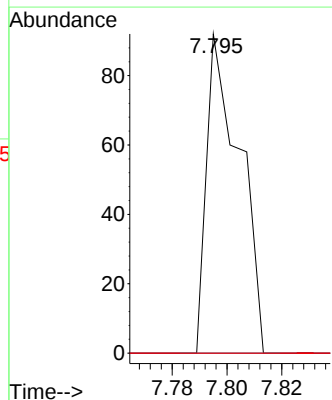
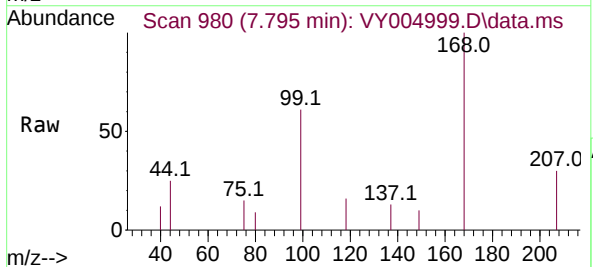
Instrument :
MSVOA_Y
ClientSampled :

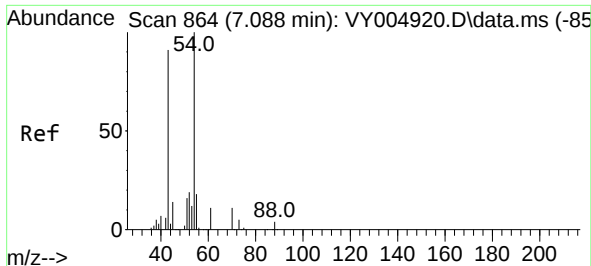
Tgt Ion:	113	Resp:	612
Ion	Ratio	Lower	Upper
113	100		
111	109.8	81.8	122.8
192	4.1	15.3	22.9#



#36
1,1-Dichloropropene
Concen: 2.656 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004999.D
Acq: 07 Jun 2021 17:42

Tgt Ion:	75	Resp:	77
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.5	52.5#
77	0.0	25.1	37.7#





#37

Ethyl Acetate

Concen: 1.049 ug/l

RT: 6.881 min Scan# 830

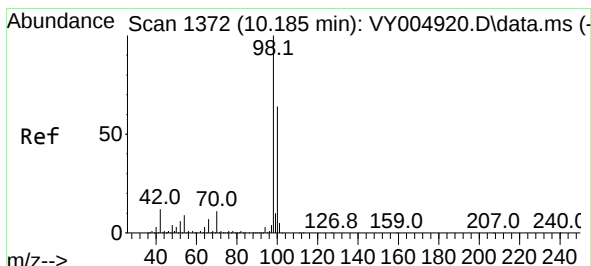
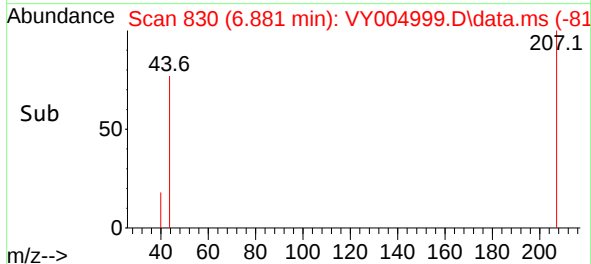
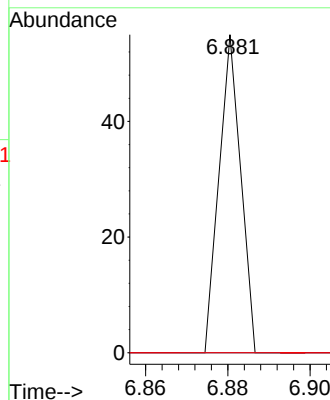
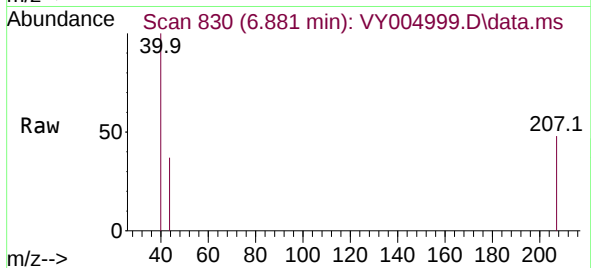
Delta R.T. -0.207 min

Lab File: VY004999.D

Acq: 07 Jun 2021 17:42

Tgt Ion: 43	Resp: 20
Ion Ratio	Lower Upper
43 100	
61 0.0	10.5 15.7#
70 0.0	7.9 11.9#

Instrument :
MSVOA_Y
ClientSampled :



#50

Toluene-d8

Concen: 54.031 ug/l

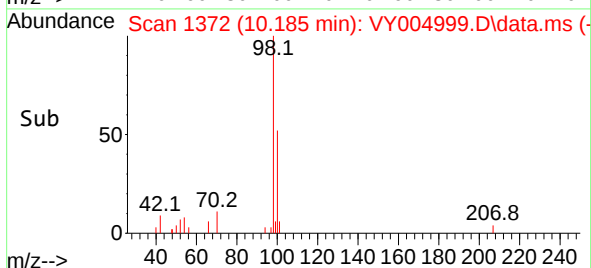
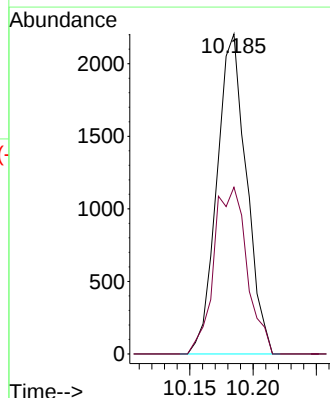
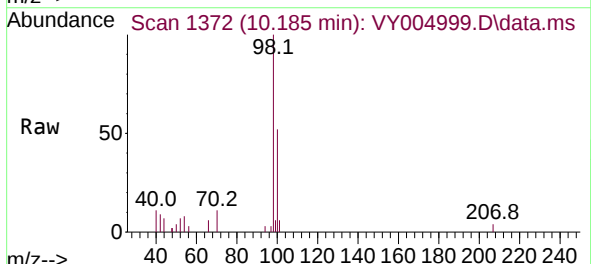
RT: 10.185 min Scan# 1372

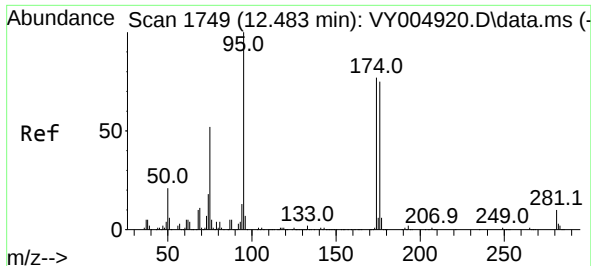
Delta R.T. -0.000 min

Lab File: VY004999.D

Acq: 07 Jun 2021 17:42

Tgt Ion: 98	Resp: 3576
Ion Ratio	Lower Upper
98 100	
100 58.5	51.8 77.6

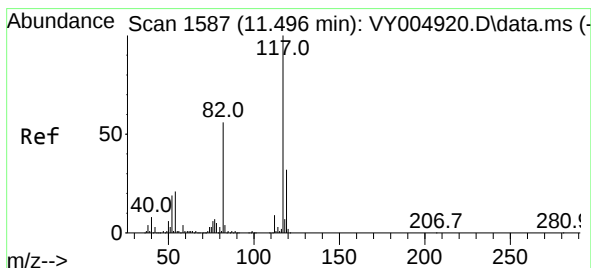
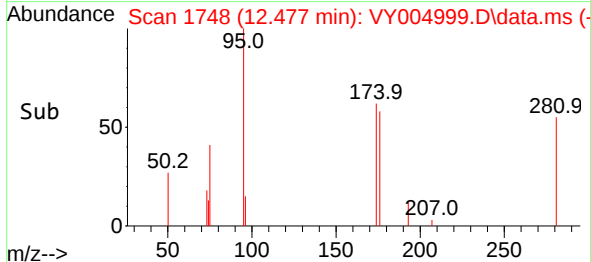
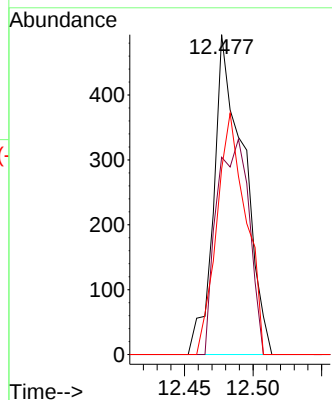
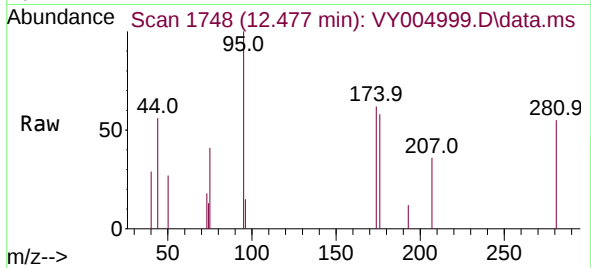




#62
4-Bromofluorobenzene
Concen: 32.950 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004999.D
Acq: 07 Jun 2021 17:42

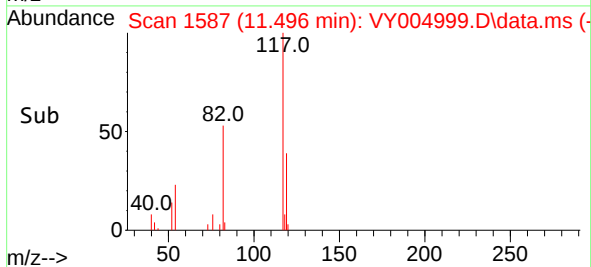
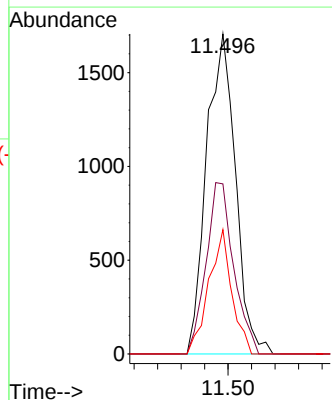
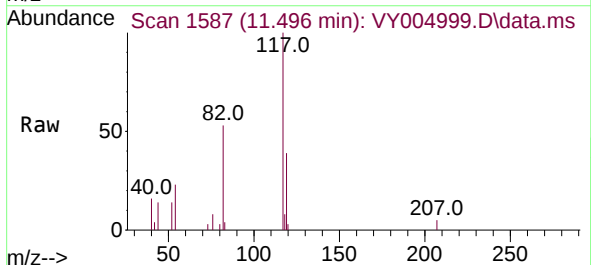
Instrument :
MSVOA_Y
ClientSampleId :

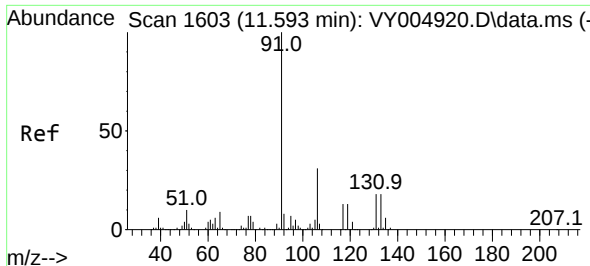
Tgt Ion:	95	Resp:	750
Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	160.8
176	73.5	0.0	155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004999.D
Acq: 07 Jun 2021 17:42

Tgt Ion:	117	Resp:	2919
Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.8	67.2
119	38.9	25.2	37.8

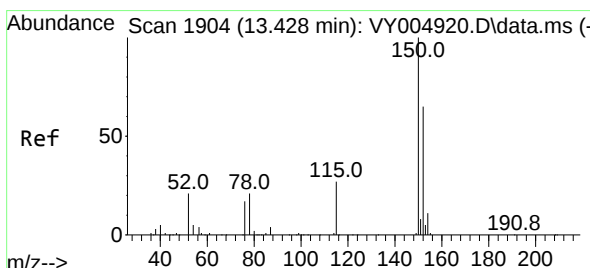
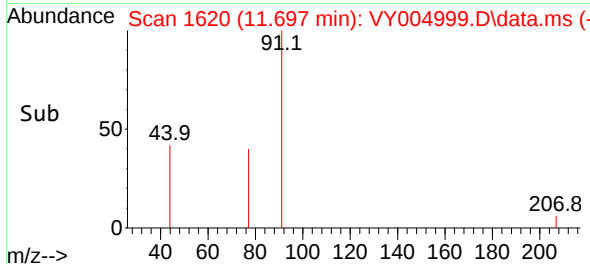
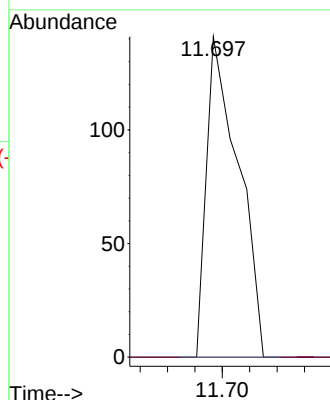
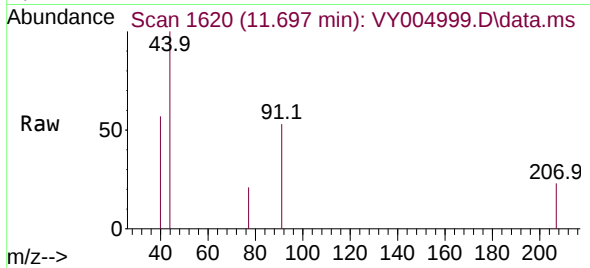




#67
Ethyl Benzene
Concen: 1.067 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.103 min
Lab File: VY004999.D
Acq: 07 Jun 2021 17:42

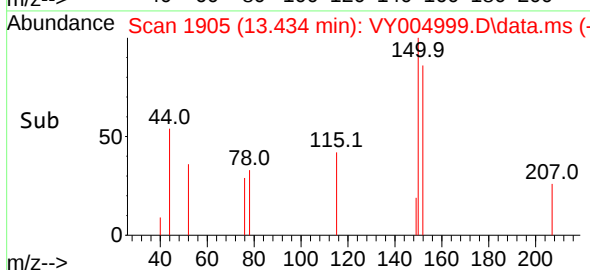
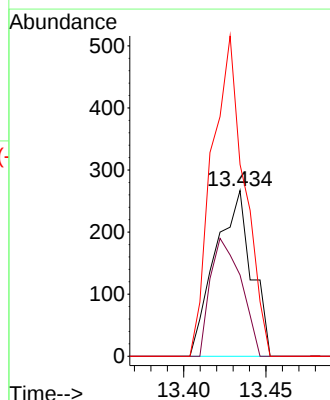
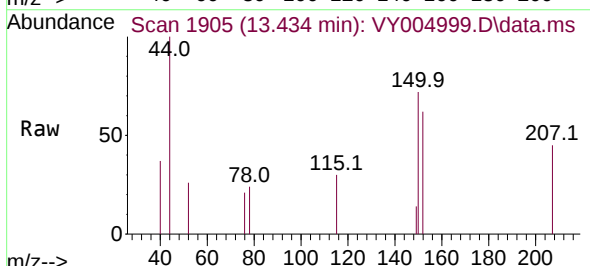
Instrument :
MSVOA_Y
ClientSampled :

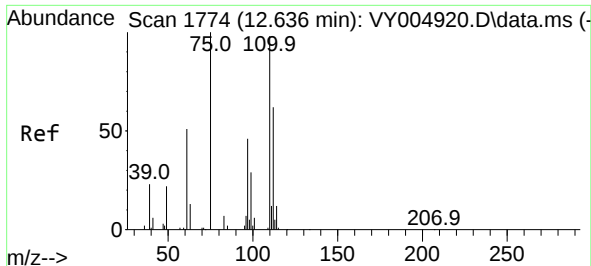
Tgt Ion: 91 Resp: 114
Ion Ratio Lower Upper
91 100
106 0.0 24.6 36.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY004999.D
Acq: 07 Jun 2021 17:42

Tgt Ion:152 Resp: 409
Ion Ratio Lower Upper
152 100
115 60.4 29.9 89.7
150 174.3 0.0 347.8

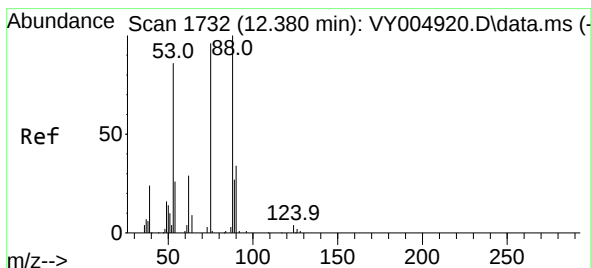
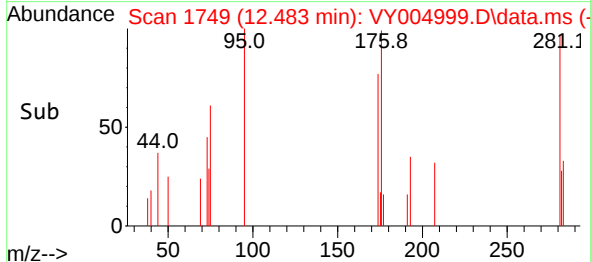
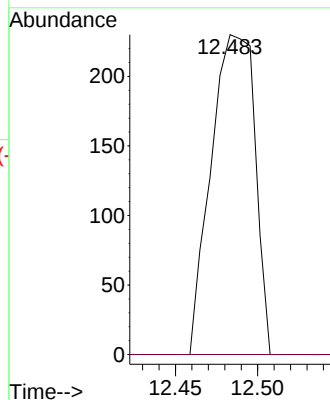
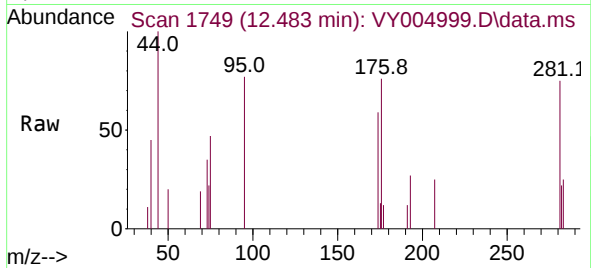




#76
1,2,3-Trichloropropane
Concen: 95.239 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004999.D
Acq: 07 Jun 2021 17:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 427
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 175.029 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004999.D
Acq: 07 Jun 2021 17:42

Tgt Ion: 75 Resp: 427
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 0.0 35.0 52.6#

