

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051421\
 Data File : VY004775.D
 Acq On : 14 May 2021 11:40
 Operator : SY/MD
 Sample : VY0514SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 15 03:55:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

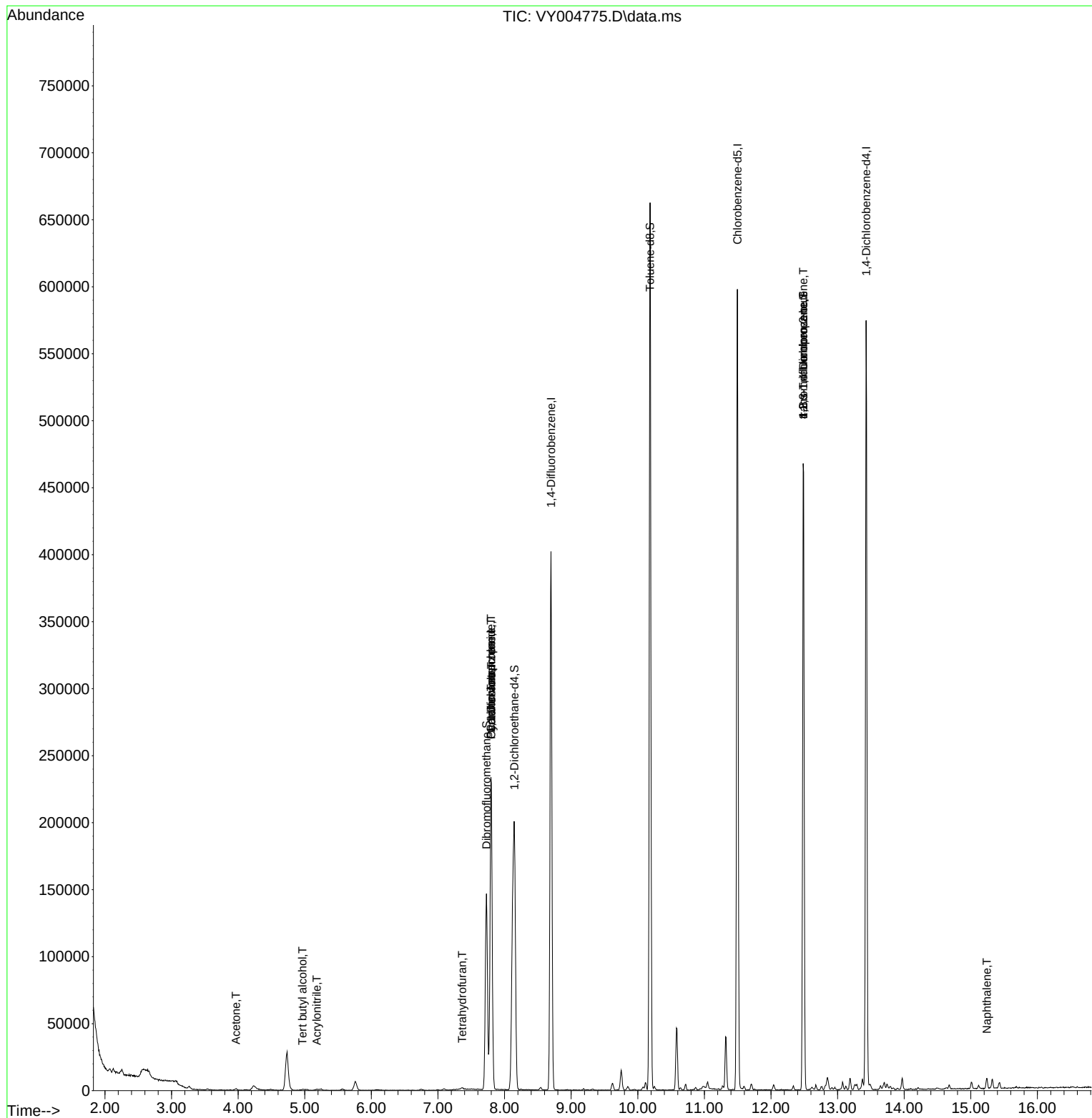
Internal Standards						
1) Pentafluorobenzene	7.801	168	173655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	321145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	303832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136388	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116857	56.53	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.06%			
35) Dibromofluoromethane	7.728	113	99274	56.47	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.94%			
50) Toluene-d8	10.185	98	400616	50.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.88%			
62) 4-Bromofluorobenzene	12.483	95	133503	49.81	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.62%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	1498	7.21	ug/l #	71
15) Acrylonitrile	5.180	53	811	1.46	ug/l #	82
16) Acetone	3.967	43	1809	3.90	ug/l	99
29) Tetrahydrofuran	7.362	42	907	1.72	ug/l #	80
31) Cyclohexane	7.801	56	4709	1.41	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	14924	4.53	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17410	5.89	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	74822	51.65	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74822	89.56	ug/l #	13
95) Naphthalene	15.239	128	6122	1.09	ug/l #	96

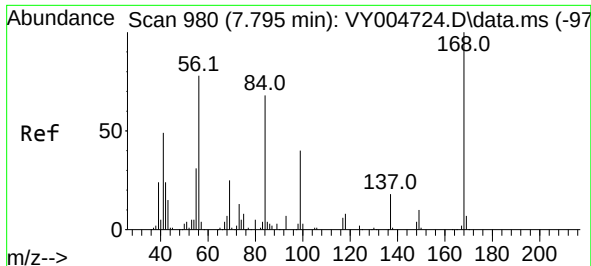
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

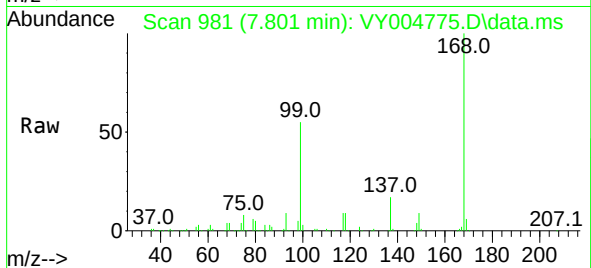
Quant Time: May 15 03:55:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration



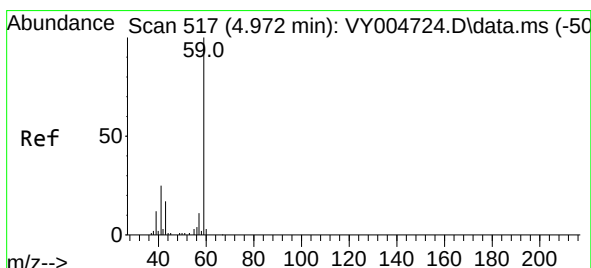
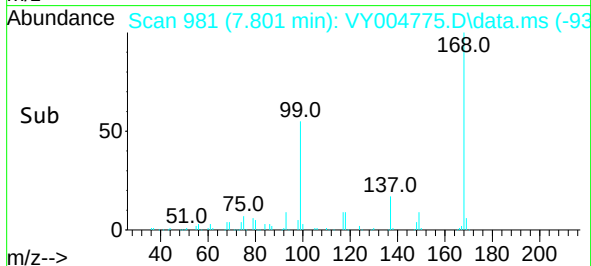
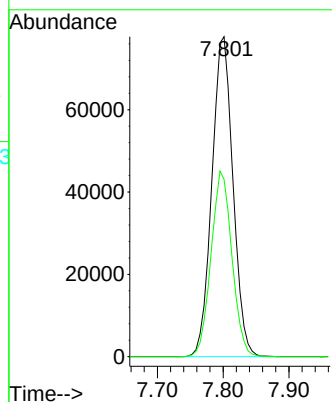


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004775.D
Acq: 14 May 2021 11:40

Instrument :
MSVOA_Y
ClientSampleId :

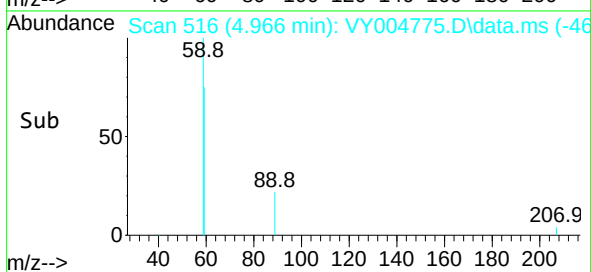
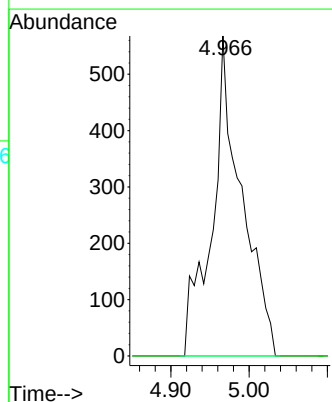
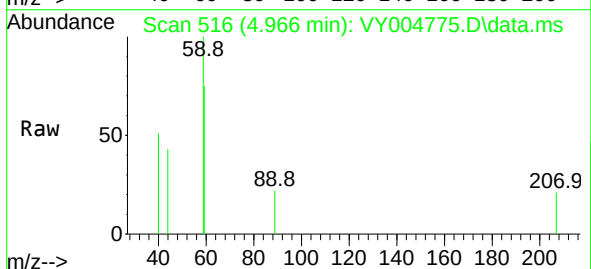


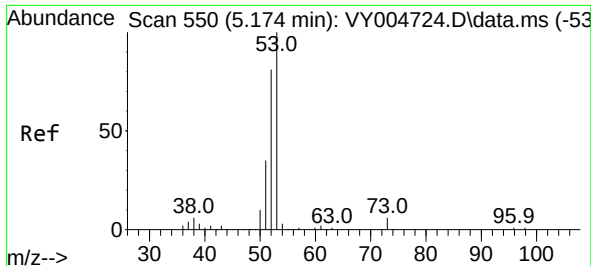
Tgt Ion:168 Resp: 173655
Ion Ratio Lower Upper
168 100
99 55.5 45.6 68.4



#11
Tert butyl alcohol
Concen: 7.21 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004775.D
Acq: 14 May 2021 11:40

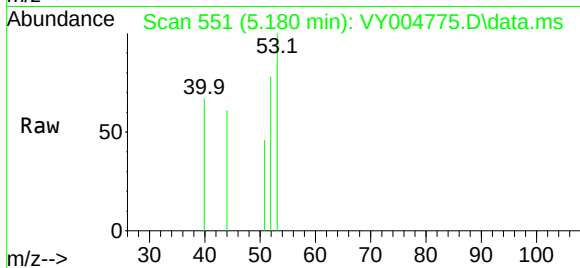
Tgt Ion: 59 Resp: 1498
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



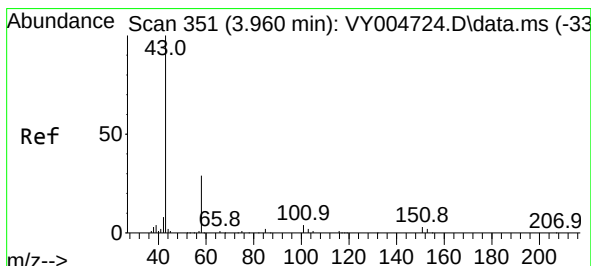
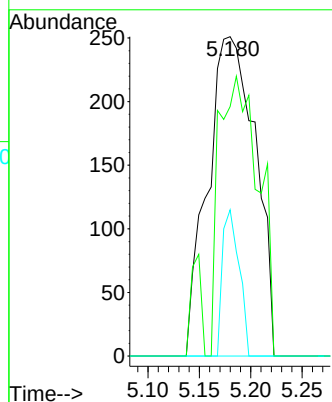
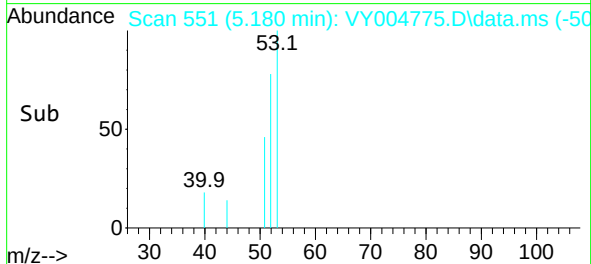


#15
Acrylonitrile
Concen: 1.46 ug/l
RT: 5.180 min Scan# 551
Delta R.T. 0.006 min
Lab File: VY004775.D
Acq: 14 May 2021 11:40

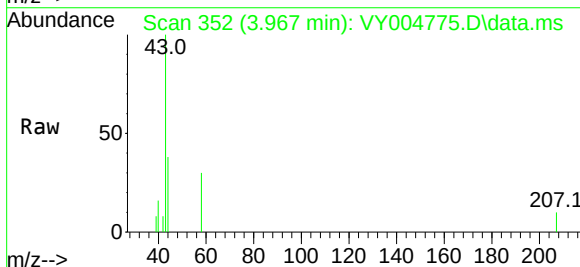
Instrument :
MSVOA_Y
ClientSampled :



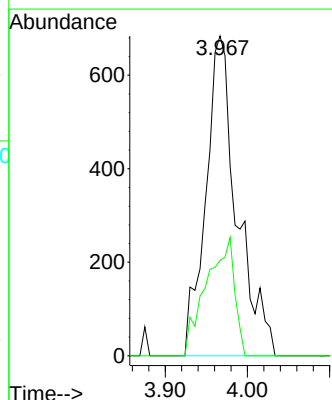
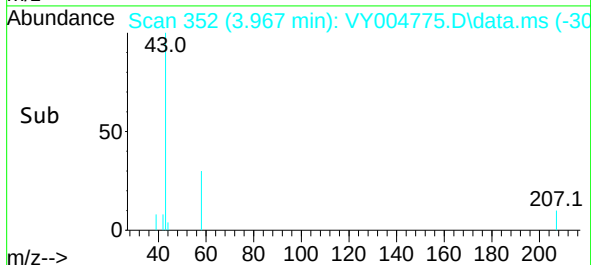
Tgt Ion: 53 Resp: 811
Ion Ratio Lower Upper
53 100
52 72.3 65.0 97.6
51 15.9 29.3 43.9#

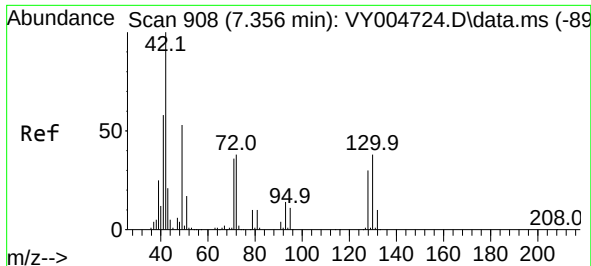


#16
Acetone
Concen: 3.90 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004775.D
Acq: 14 May 2021 11:40



Tgt Ion: 43 Resp: 1809
Ion Ratio Lower Upper
43 100
58 29.8 23.6 35.4





#29

Tetrahydrofuran

Concen: 1.72 ug/l

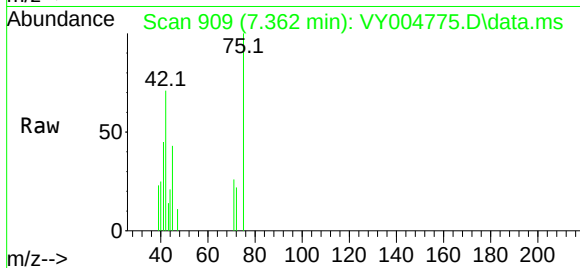
RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

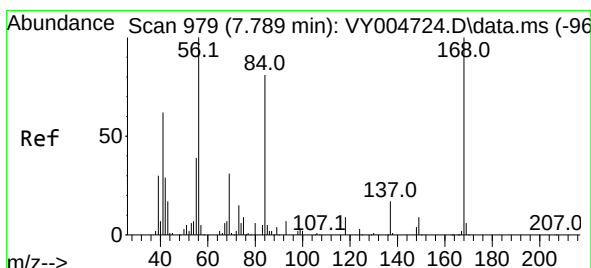
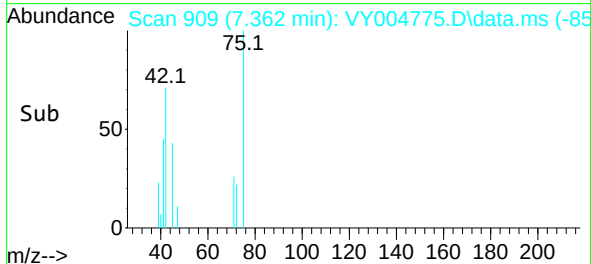
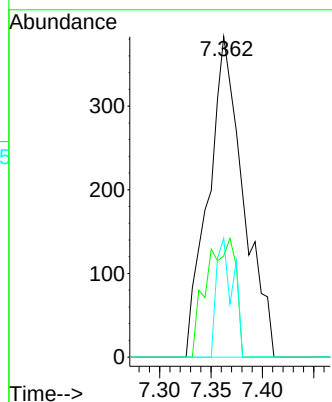
Lab File: VY004775.D

Acq: 14 May 2021 11:40

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	42	Resp:	907
Ion Ratio	Lower	Upper	
42	100		
72	31.0	29.4	44.0
71	17.6	28.0	42.0#



#31

Cyclohexane

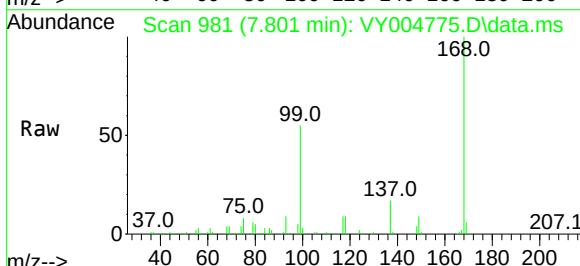
Concen: 1.41 ug/l

RT: 7.801 min Scan# 981

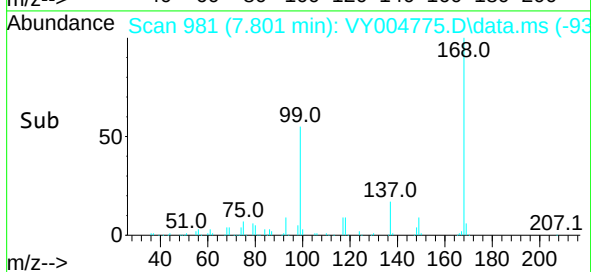
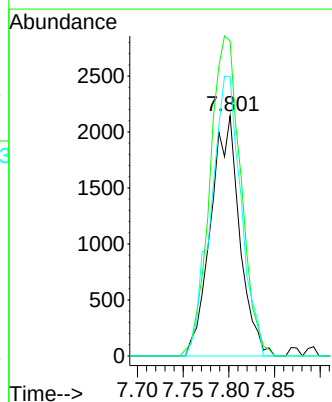
Delta R.T. 0.012 min

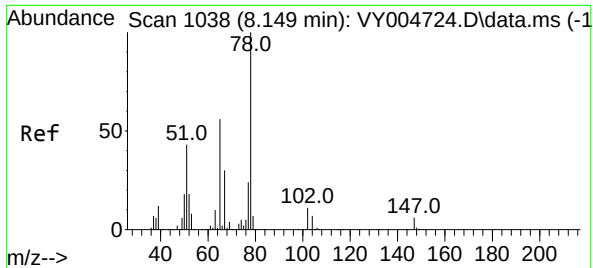
Lab File: VY004775.D

Acq: 14 May 2021 11:40



Tgt Ion:	56	Resp:	4709
Ion Ratio	Lower	Upper	
56	100		
69	131.1	24.4	36.6#
84	116.3	64.8	97.2#





#33

1,2-Dichloroethane-d4

Concen: 56.53 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY004775.D

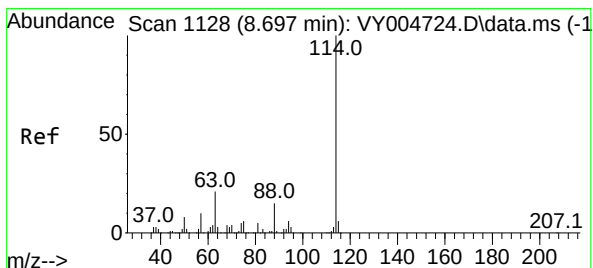
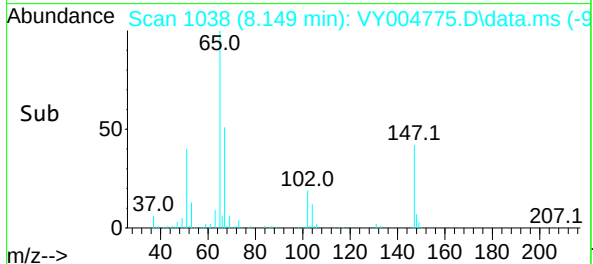
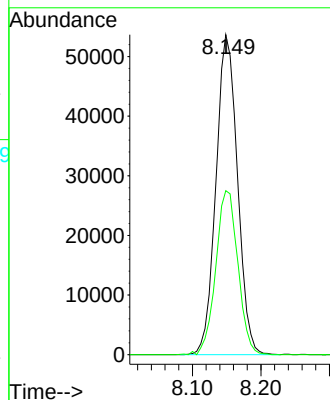
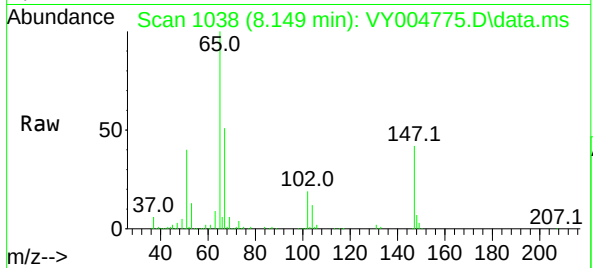
Acq: 14 May 2021 11:40

Tgt Ion: 65 Resp: 116857

Ion Ratio Lower Upper

65 100

67 52.7 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004775.D

Acq: 14 May 2021 11:40

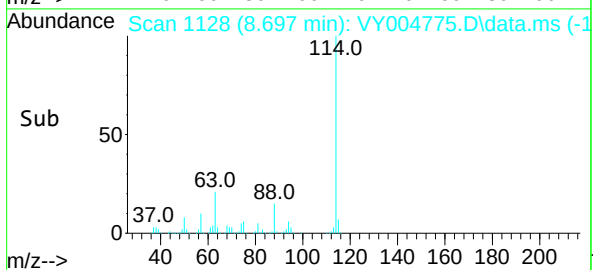
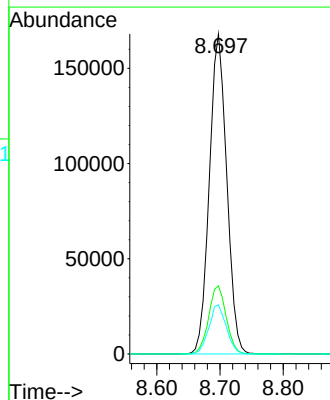
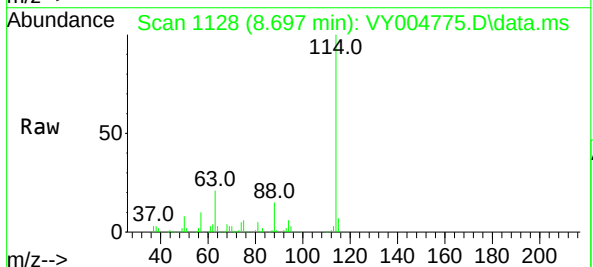
Tgt Ion: 114 Resp: 321145

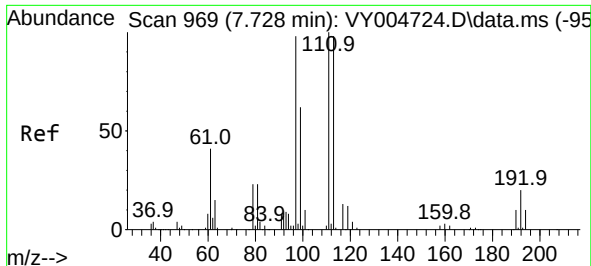
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.8

88 15.4 0.0 31.0

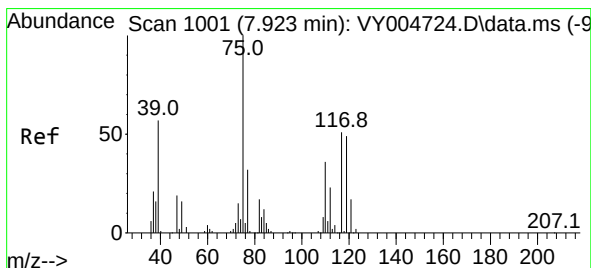
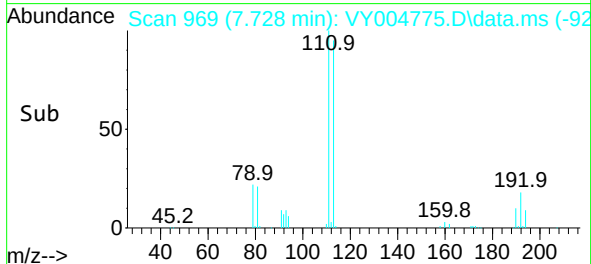
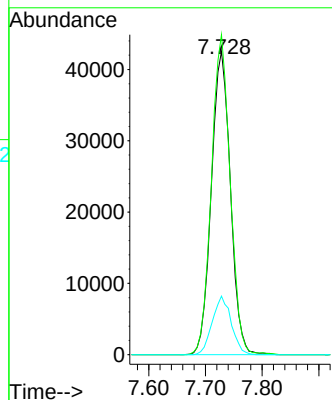
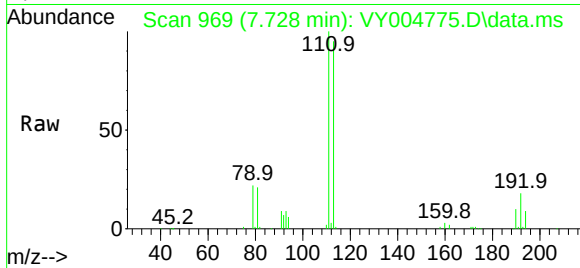




#35
Dibromofluoromethane
Concen: 56.47 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004775.D
Acq: 14 May 2021 11:40

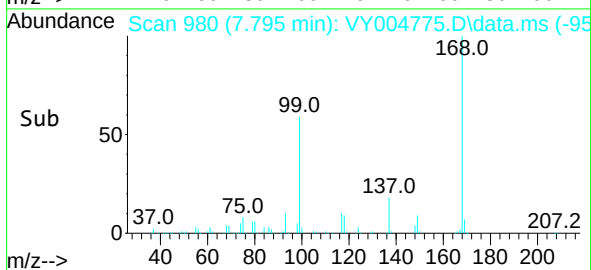
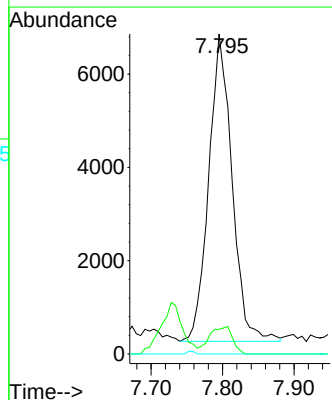
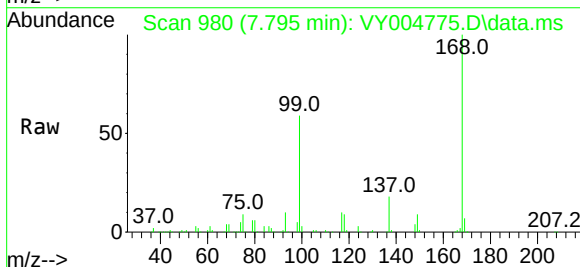
Instrument :
MSVOA_Y
ClientSampleId :

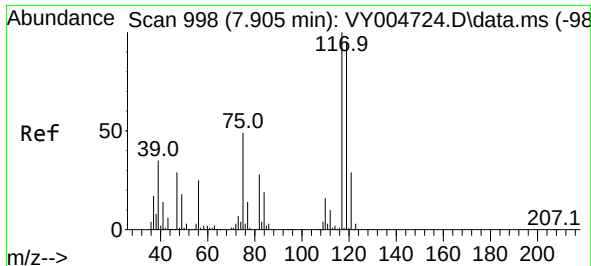
Tgt Ion:113 Resp: 99274
Ion Ratio Lower Upper
113 100
111 103.7 80.5 120.7
192 19.2 15.0 22.6



#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004775.D
Acq: 14 May 2021 11:40

Tgt Ion: 75 Resp: 14924
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 25.0 37.4#

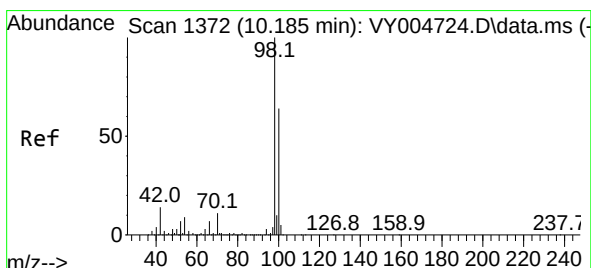
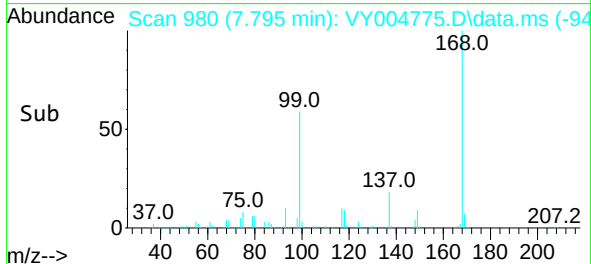
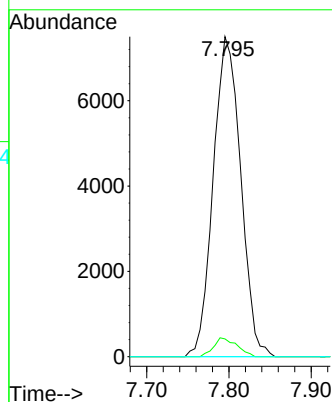
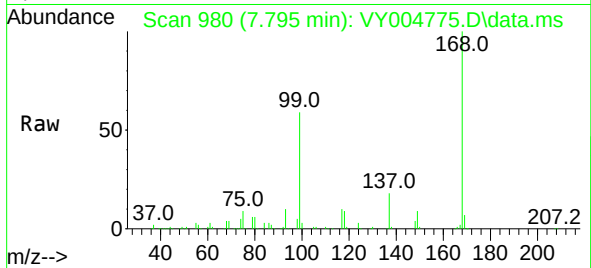




#38
Carbon Tetrachloride
Concen: 5.89 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004775.D
Acq: 14 May 2021 11:40

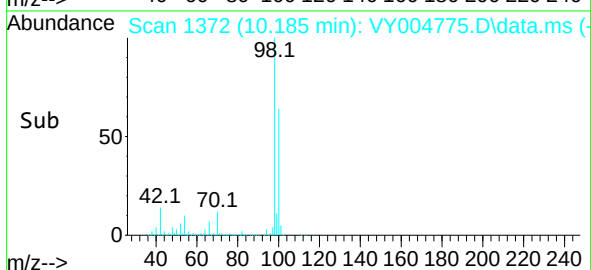
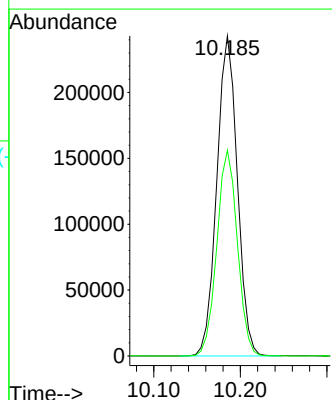
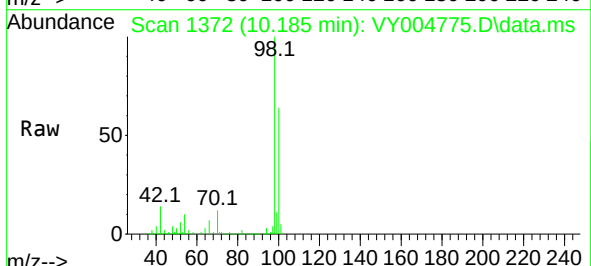
Instrument :
MSVOA_Y
ClientSampleId :

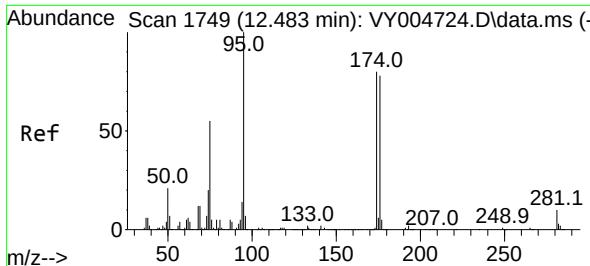
Tgt Ion:117 Resp: 17410
Ion Ratio Lower Upper
117 100
119 5.6 76.3 114.5#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 50.44 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004775.D
Acq: 14 May 2021 11:40

Tgt Ion: 98 Resp: 400616
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

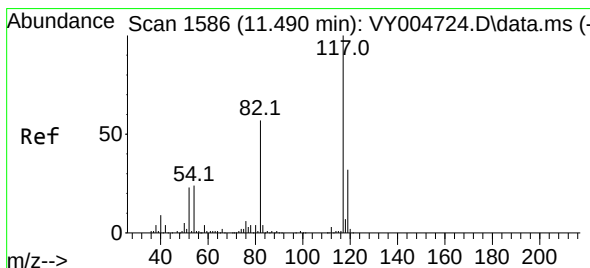
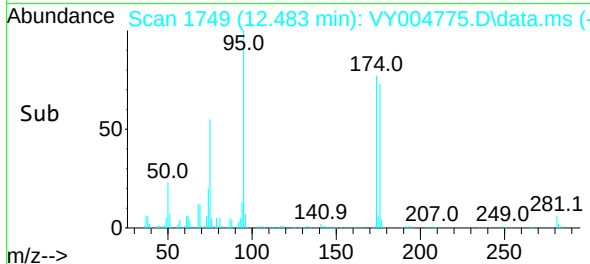
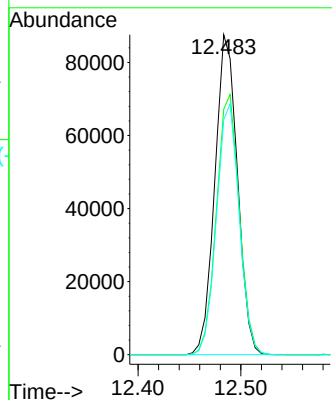
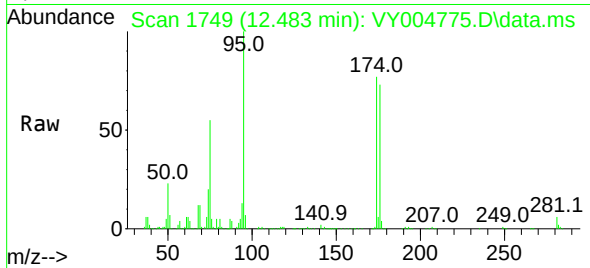




#62
4-Bromofluorobenzene
Concen: 49.81 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004775.D
Acq: 14 May 2021 11:40

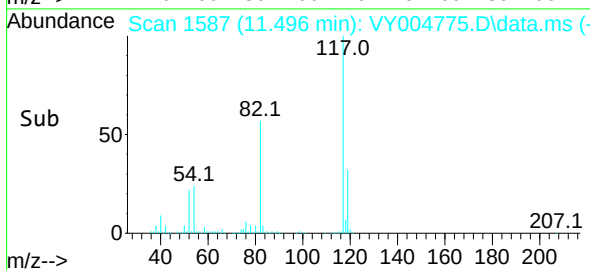
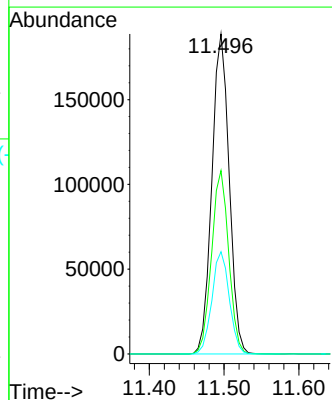
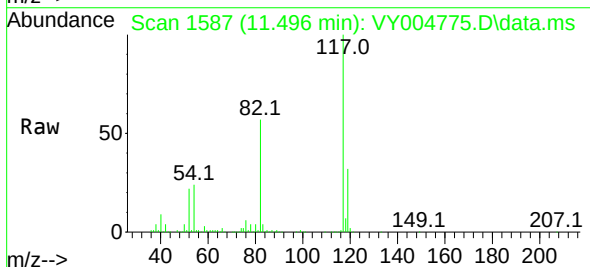
Instrument :
MSVOA_Y
ClientSampled :

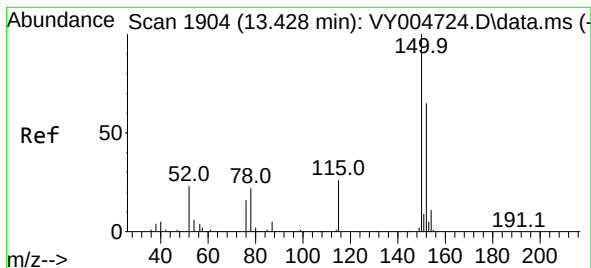
Tgt Ion: 95 Resp: 133503
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.2
176 78.8 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004775.D
Acq: 14 May 2021 11:40

Tgt Ion: 117 Resp: 303832
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.2
119 32.0 25.8 38.6

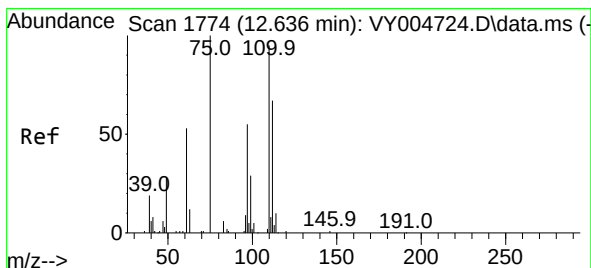
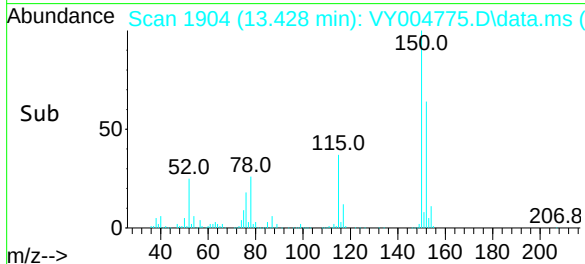
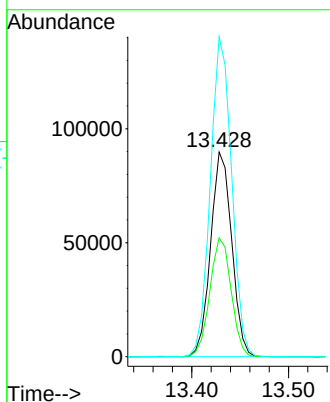
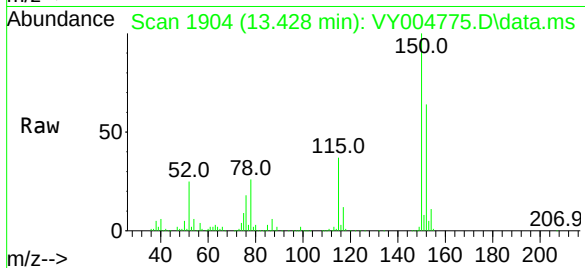




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004775.D
 Acq: 14 May 2021 11:40

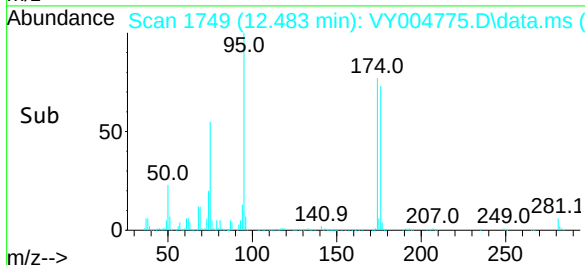
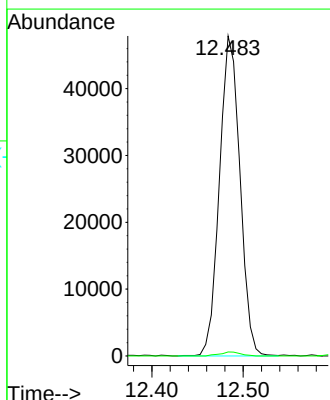
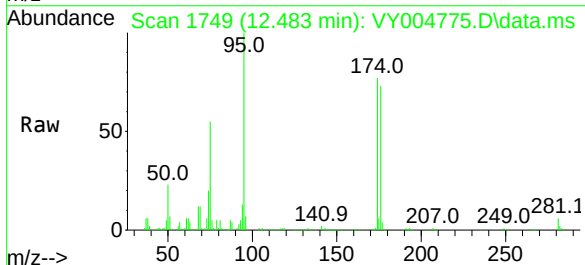
Instrument :
 MSVOA_Y
 ClientSampleId :

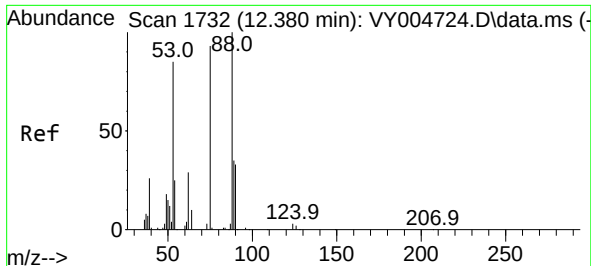
Tgt Ion:152 Resp: 136388
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.4 88.3
 150 157.3 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 51.65 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004775.D
 Acq: 14 May 2021 11:40

Tgt Ion: 75 Resp: 74822
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

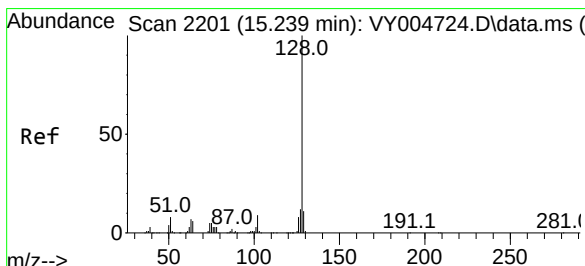
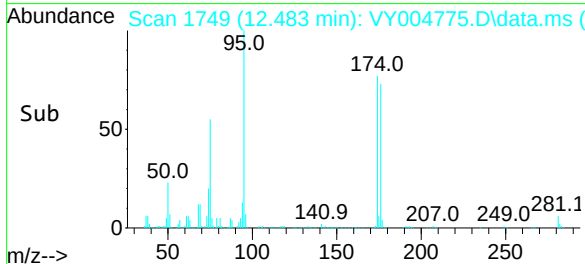
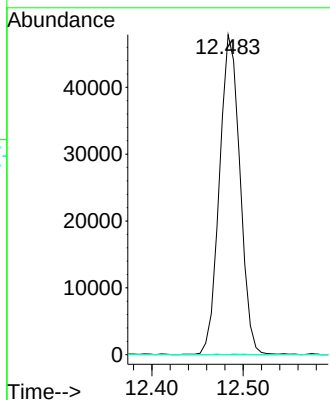
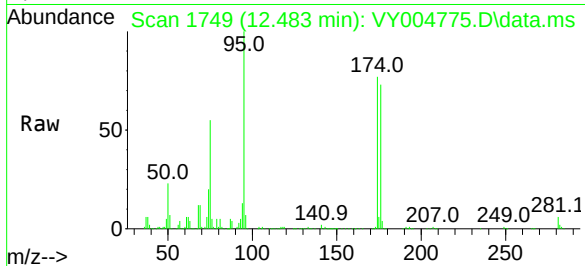




#81
trans-1,4-Dichloro-2-butene
Concen: 89.56 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004775.D
Acq: 14 May 2021 11:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 74822
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.1 35.5 53.3#



#95
Naphthalene
Concen: 1.09 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004775.D
Acq: 14 May 2021 11:40

Tgt Ion: 128 Resp: 6122
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.2
129 13.3 8.6 13.0#

