

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004955.D
 Acq On : 04 Jun 2021 11:25
 Operator : SY/MD
 Sample : VY0604SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBL01

Quant Time: Jun 05 01:31:01 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)

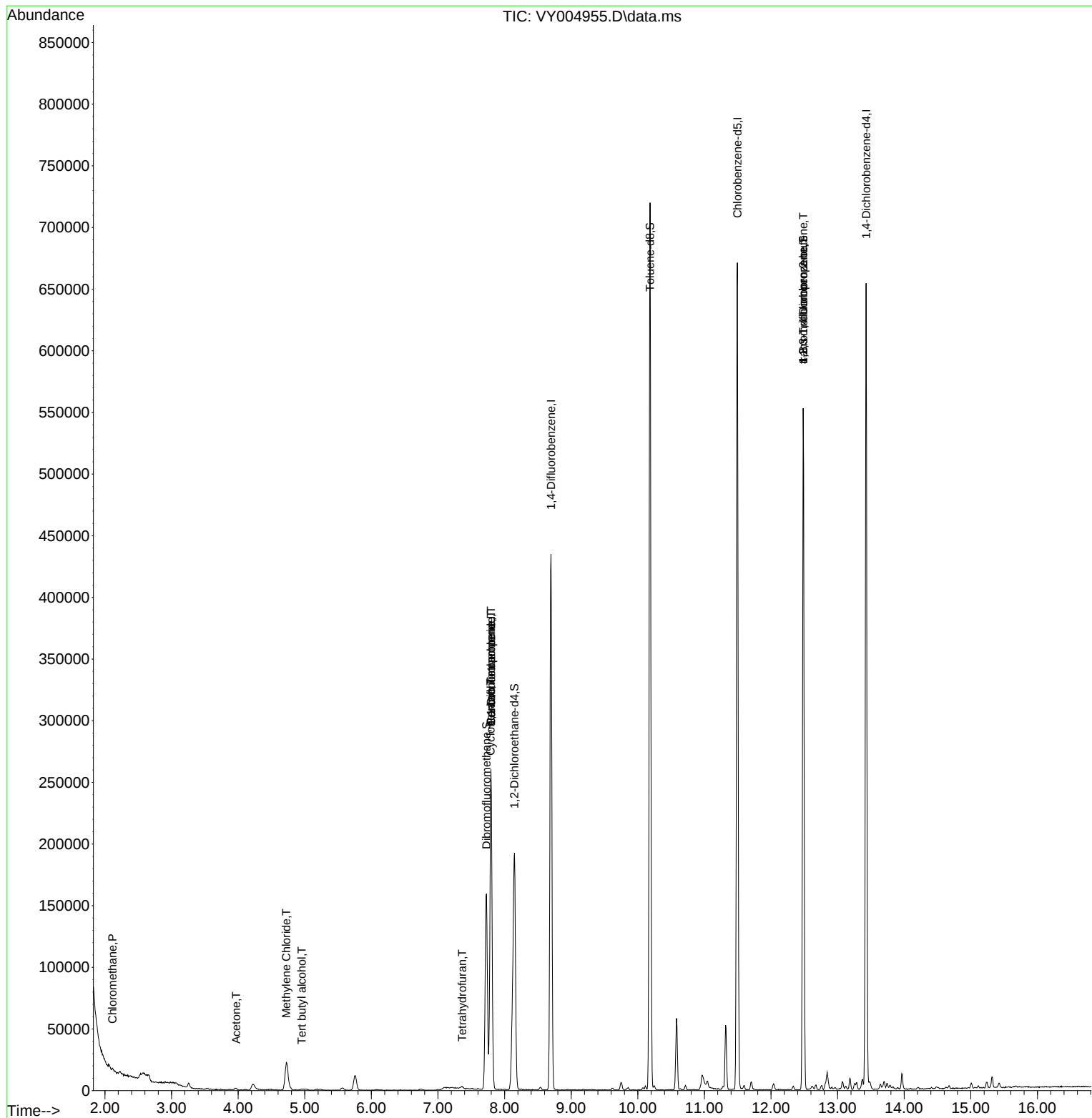
Internal Standards						
1) Pentafluorobenzene	7.795	168	191868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	365432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	354712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	132180	65.165	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 130.340%		
35) Dibromofluoromethane	7.728	113	114736	58.358	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 116.720%		
50) Toluene-d8	10.185	98	455868	55.830	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 111.660%		
62) 4-Bromofluorobenzene	12.483	95	157216	55.985	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 111.960%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	2489	1.046	ug/l	100
11) Tert butyl alcohol	4.954	59	974	4.175	ug/l #	89
13) Acrolein	3.741	56	396	Below Cal	#	71
16) Acetone	3.973	43	2536	5.194	ug/l	93
20) Methylene Chloride	4.722	84	16150	1.070	ug/l	98
29) Tetrahydrofuran	7.362	42	916	1.754	ug/l #	84
31) Cyclohexane	7.789	56	4954	1.387	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	16656	4.657	ug/l #	50
38) Carbon Tetrachloride	7.795	117	19559	6.284	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	85003	48.584	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85003	89.287	ug/l #	15

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
Data File : VY004955.D
Acq On : 04 Jun 2021 11:25
Operator : SY/MD
Sample : VY0604SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBL01

Quant Time: Jun 05 01:31:01 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

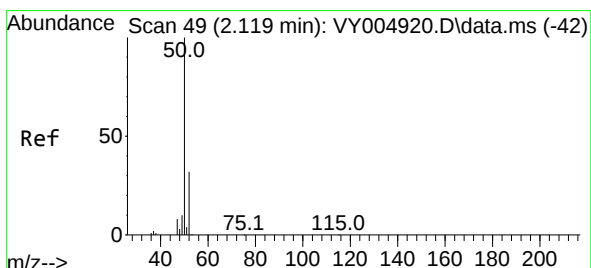
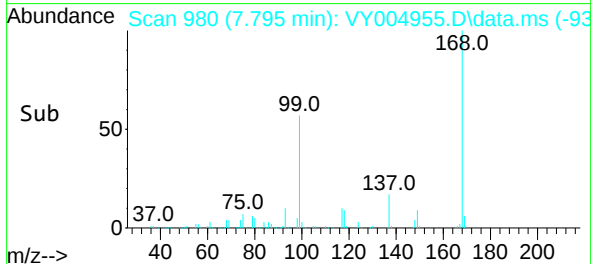
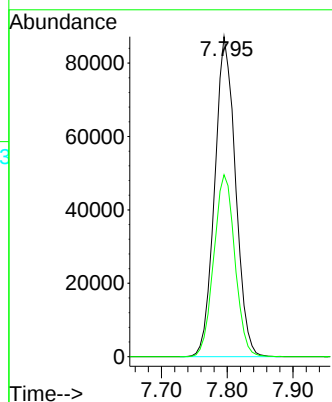
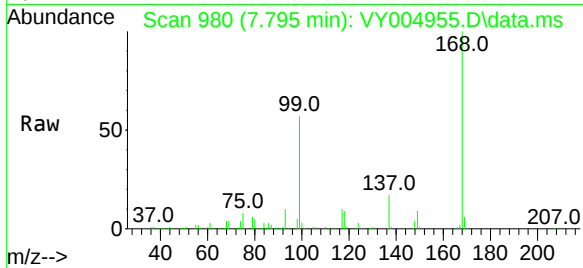




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004955.D
Acq: 04 Jun 2021 11:25

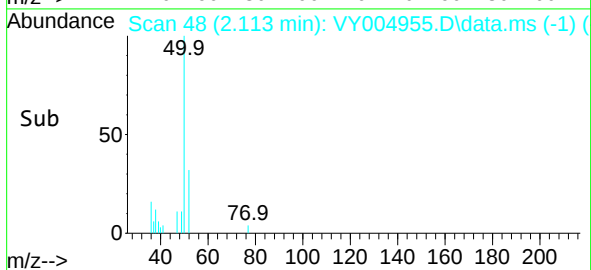
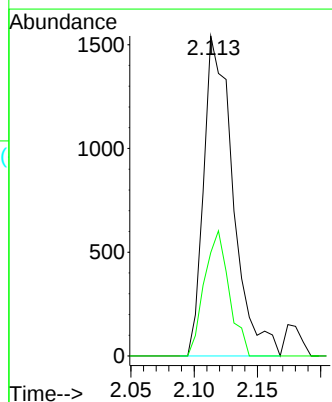
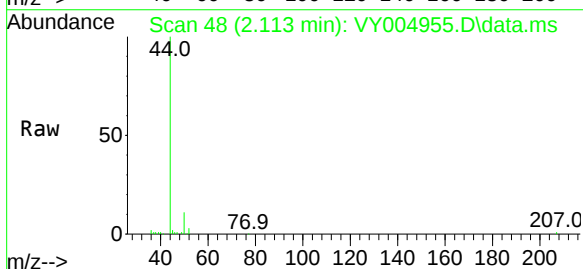
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBL01

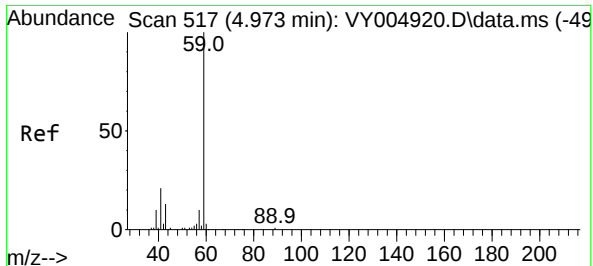
Tgt Ion:168 Resp: 191868
Ion Ratio Lower Upper
168 100
99 56.8 43.9 65.9



#3
Chloromethane
Concen: 1.046 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004955.D
Acq: 04 Jun 2021 11:25

Tgt Ion: 50 Resp: 2489
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9



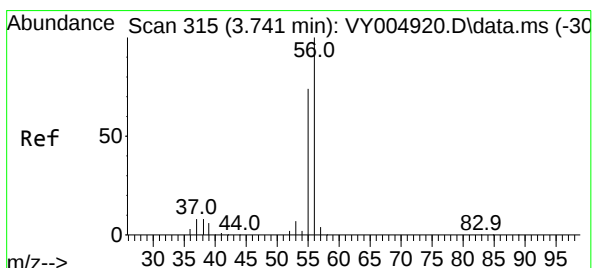
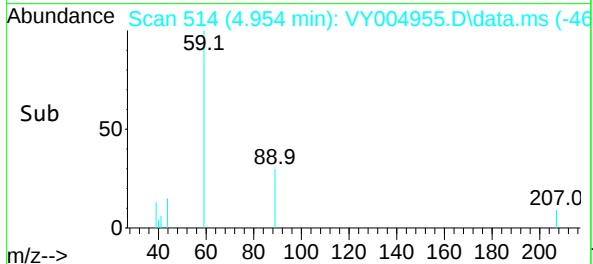
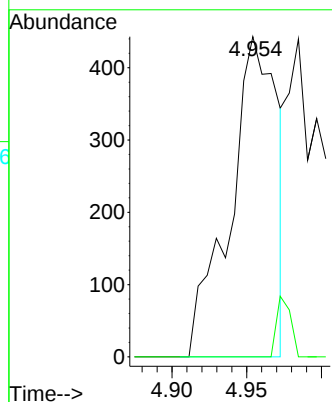
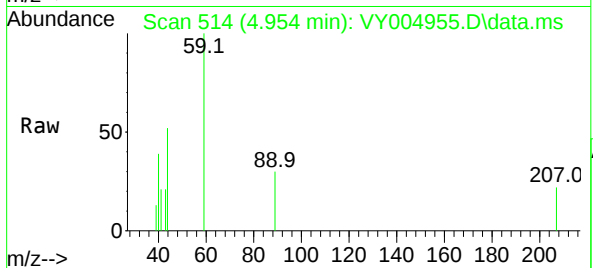


#11

Tert butyl alcohol
Concen: 4.175 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.019 min
Lab File: VY004955.D
Acq: 04 Jun 2021 11:25

Instrument :
MSVOA_Y
ClientSampled :
VY0604SBL01

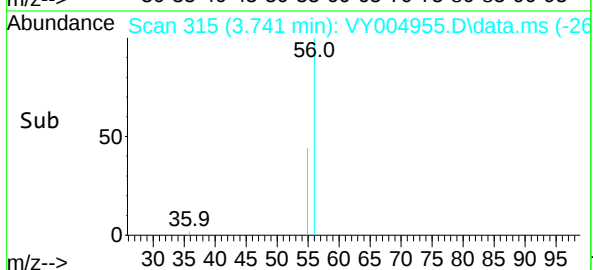
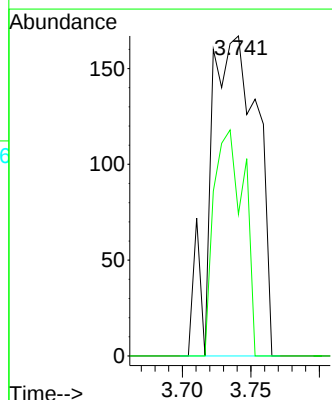
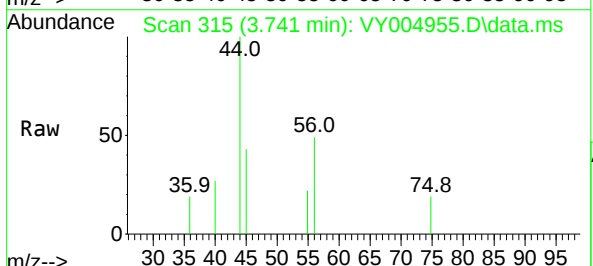
Tgt Ion: 59 Resp: 974
Ion Ratio Lower Upper
59 100
57 5.6 7.7 11.5#

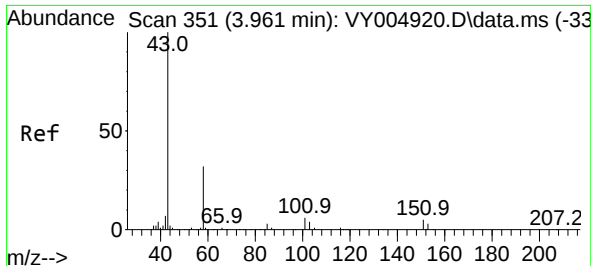


#13

Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004955.D
Acq: 04 Jun 2021 11:25

Tgt Ion: 56 Resp: 396
Ion Ratio Lower Upper
56 100
55 45.5 55.4 83.2#

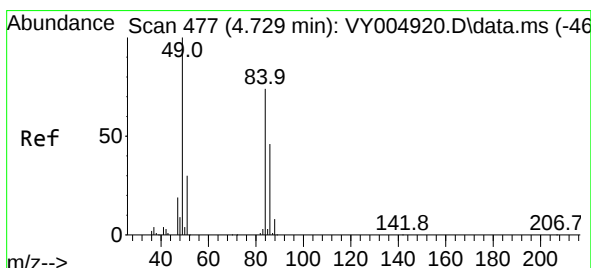
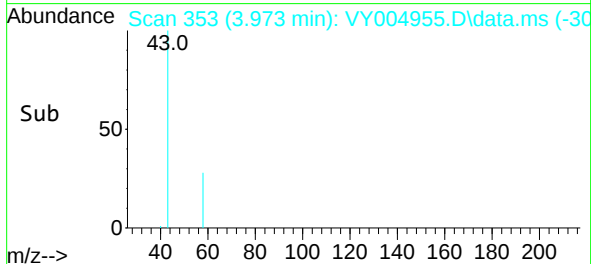
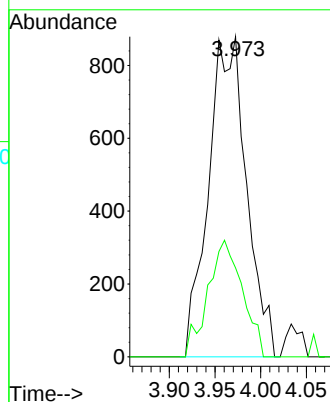
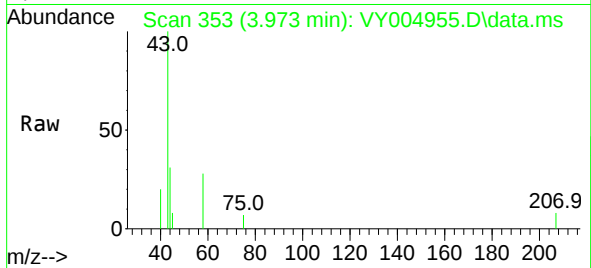




#16
Acetone
Concen: 5.194 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY004955.D
Acq: 04 Jun 2021 11:25

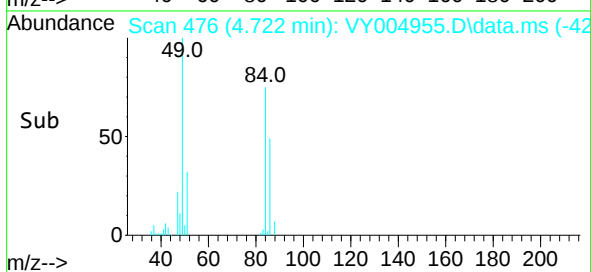
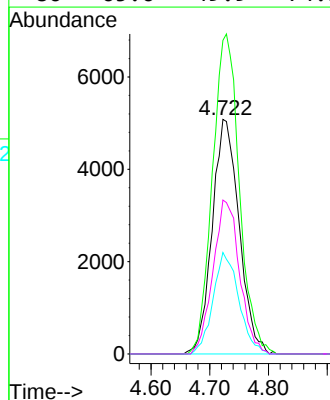
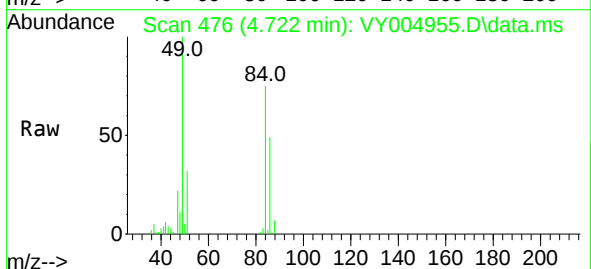
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBL01

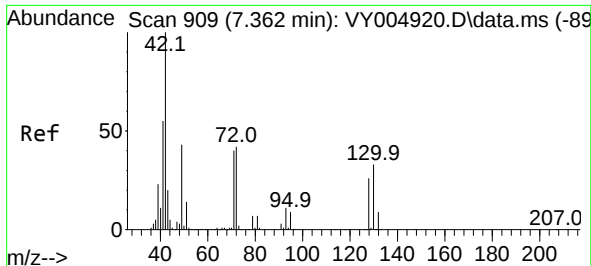
Tgt Ion: 43 Resp: 2536
Ion Ratio Lower Upper
43 100
58 27.8 25.3 37.9



#20
Methylene Chloride
Concen: 1.070 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY004955.D
Acq: 04 Jun 2021 11:25

Tgt Ion: 84 Resp: 16150
Ion Ratio Lower Upper
84 100
49 133.7 108.0 162.0
51 43.2 32.6 48.8
86 65.6 49.9 74.9





#29

Tetrahydrofuran

Concen: 1.754 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY004955.D

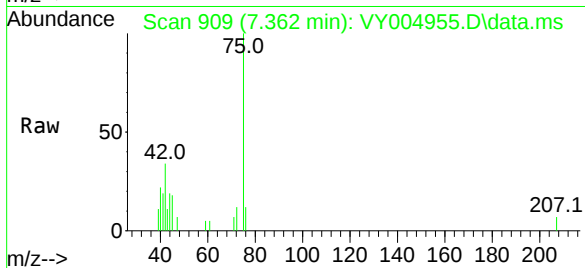
Acq: 04 Jun 2021 11:25

Instrument :

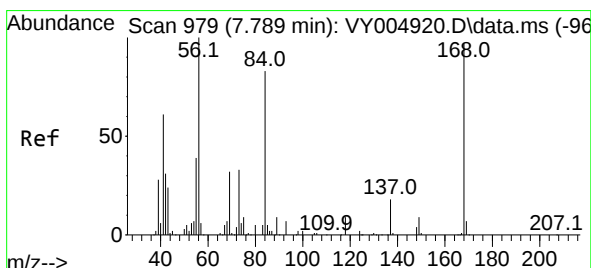
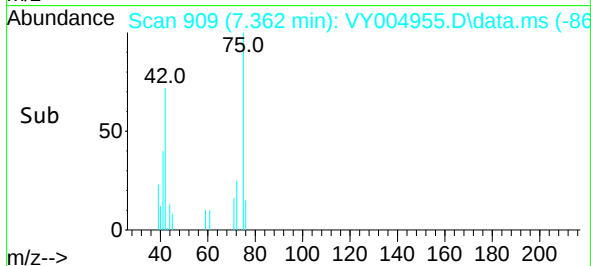
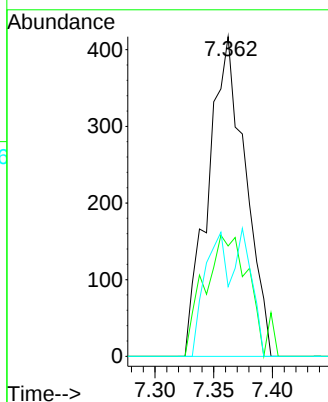
MSVOA_Y

ClientSampleId :

VY0604SBL01



Tgt Ion:	42	Resp:	916
Ion Ratio	Lower	Upper	
42	100		
72	46.1	32.6	49.0
71	23.6	30.9	46.3#



#31

Cyclohexane

Concen: 1.387 ug/l

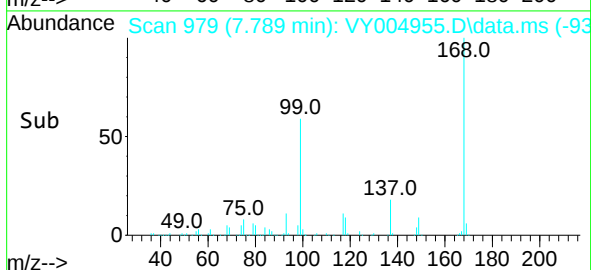
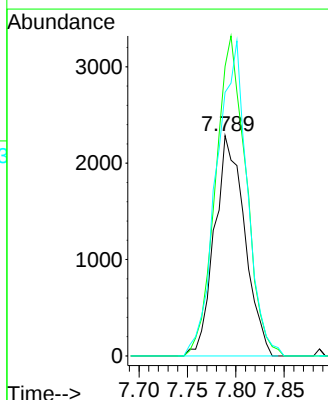
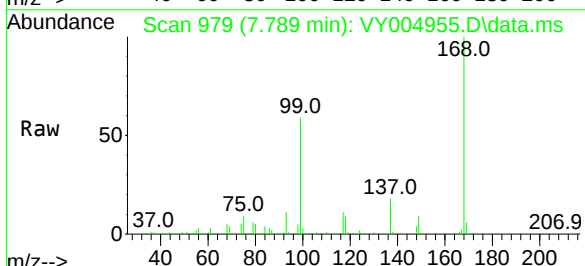
RT: 7.789 min Scan# 979

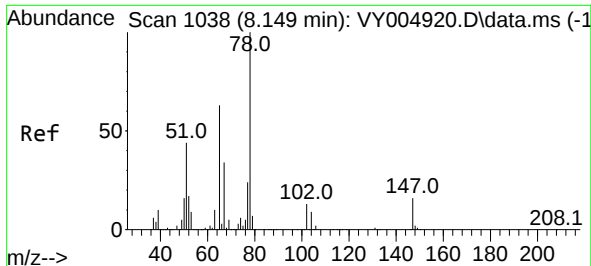
Delta R.T. -0.000 min

Lab File: VY004955.D

Acq: 04 Jun 2021 11:25

Tgt Ion:	56	Resp:	4954
Ion Ratio	Lower	Upper	
56	100		
69	131.5	25.3	37.9#
84	119.7	66.2	99.4#

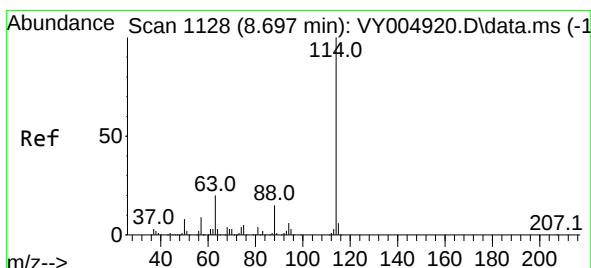
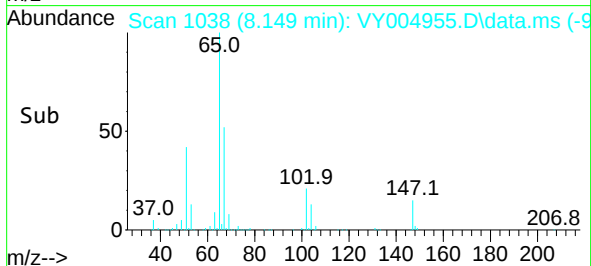
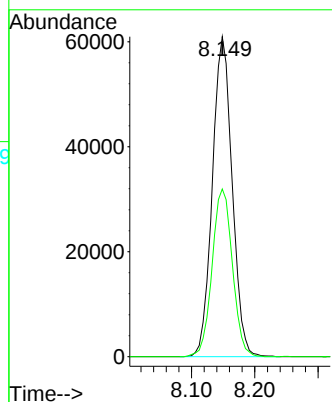
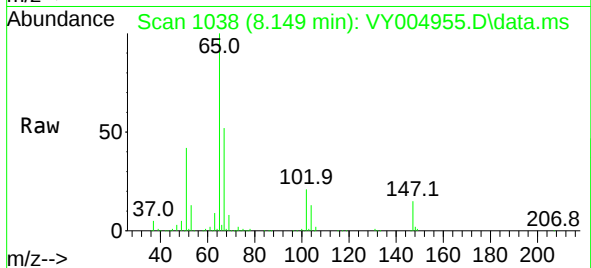




#33
1,2-Dichloroethane-d4
Concen: 65.165 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004955.D
Acq: 04 Jun 2021 11:25

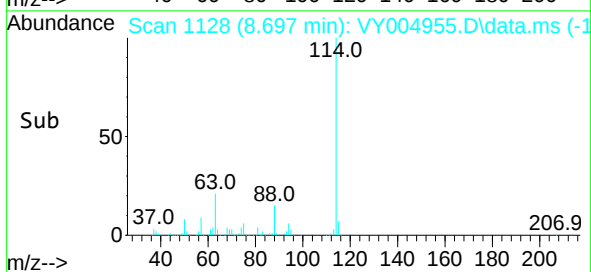
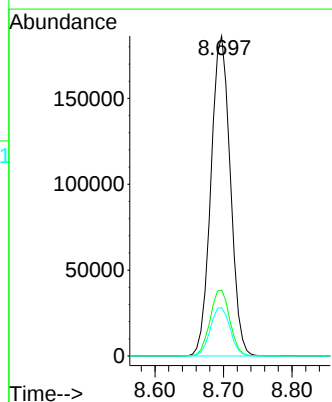
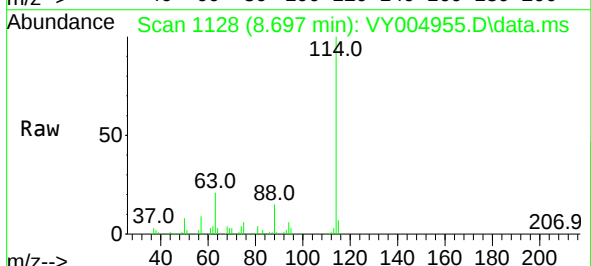
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBL01

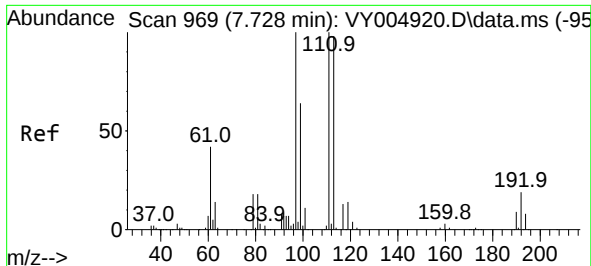
Tgt Ion: 65 Resp: 132180
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004955.D
Acq: 04 Jun 2021 11:25

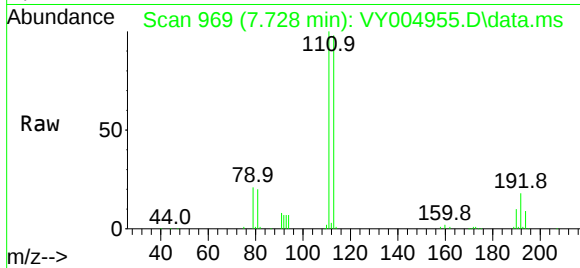
Tgt Ion:114 Resp: 365432
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.0
88 15.1 0.0 30.6



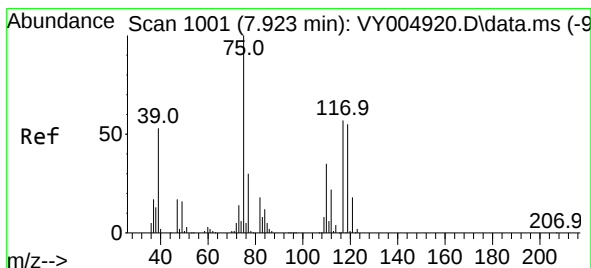
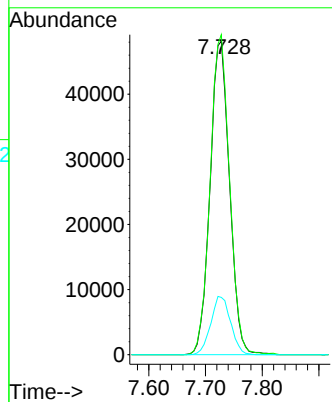
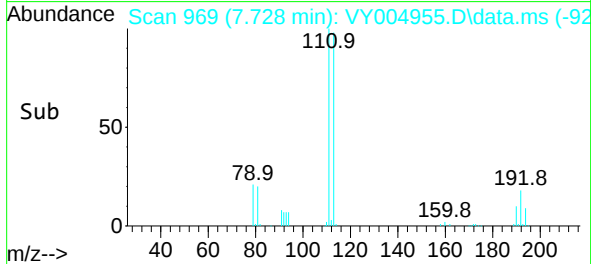


#35
Dibromofluoromethane
Concen: 58.358 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004955.D
Acq: 04 Jun 2021 11:25

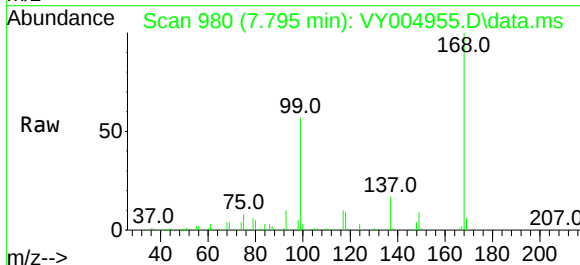
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBL01



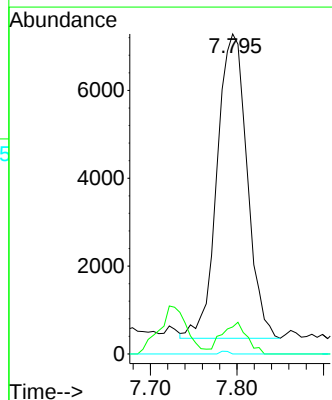
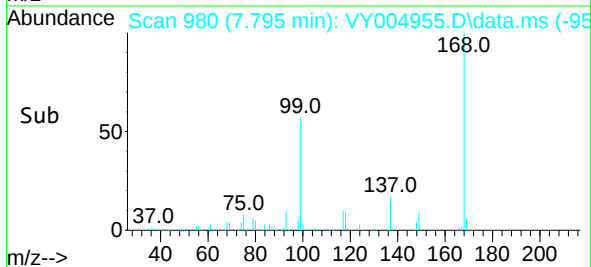
Tgt Ion:113 Resp: 114736
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.8
192 18.9 15.3 22.9

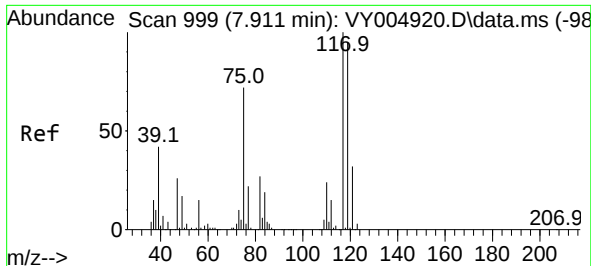


#36
1,1-Dichloropropene
Concen: 4.657 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004955.D
Acq: 04 Jun 2021 11:25



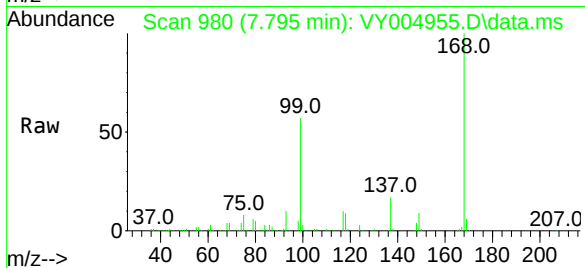
Tgt Ion: 75 Resp: 16656
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.3 25.1 37.7#



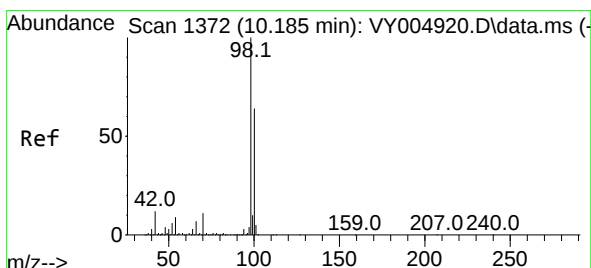
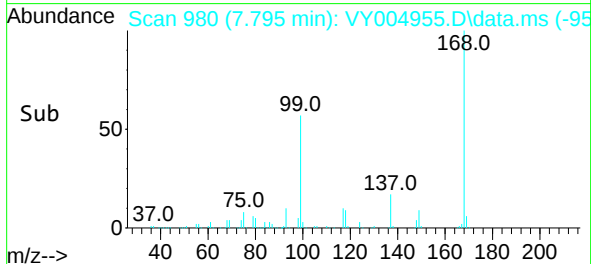
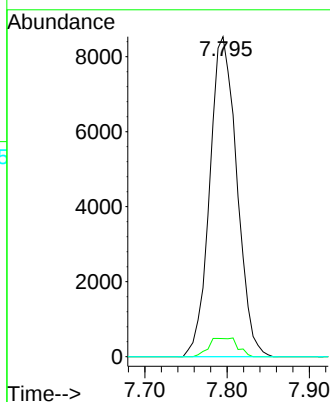


#38
Carbon Tetrachloride
Concen: 6.284 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004955.D
Acq: 04 Jun 2021 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBL01

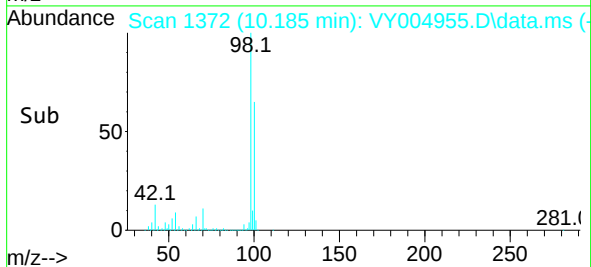
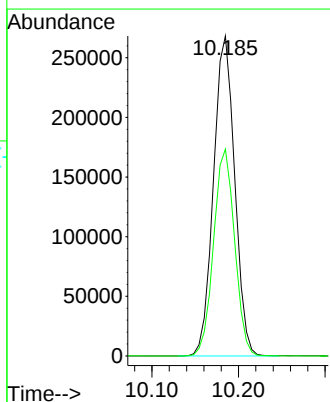
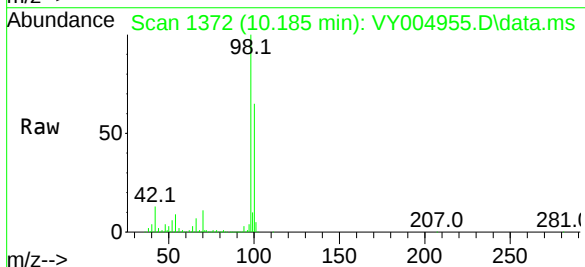


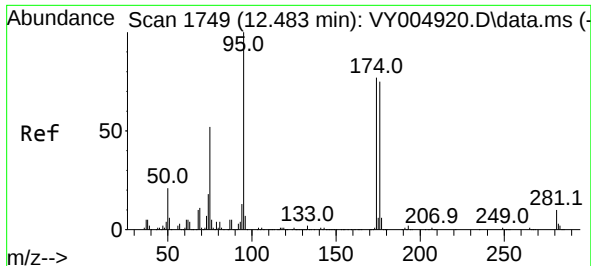
Tgt Ion:117 Resp: 19559
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 55.830 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004955.D
Acq: 04 Jun 2021 11:25

Tgt Ion: 98 Resp: 455868
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

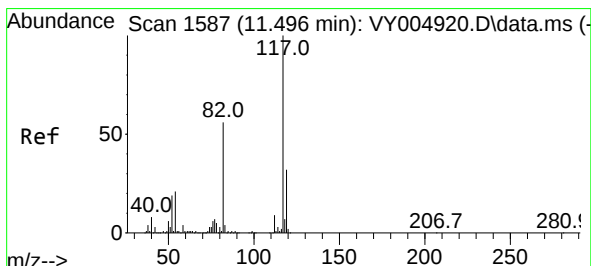
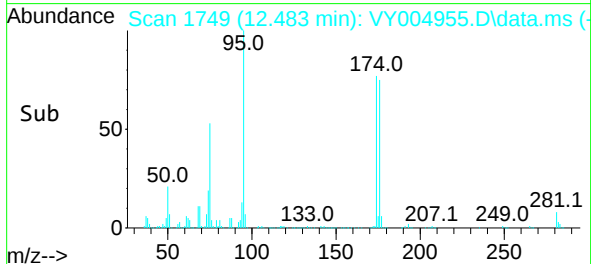
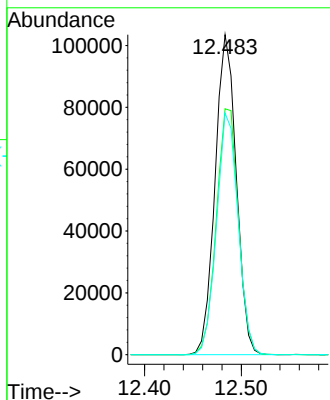
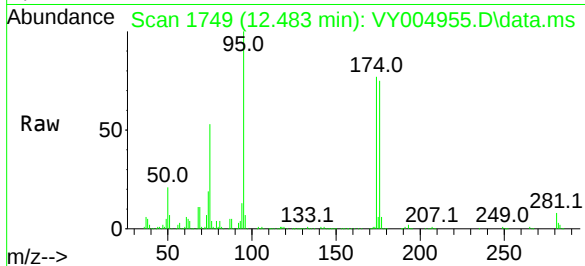




#62
4-Bromofluorobenzene
Concen: 55.985 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004955.D
Acq: 04 Jun 2021 11:25

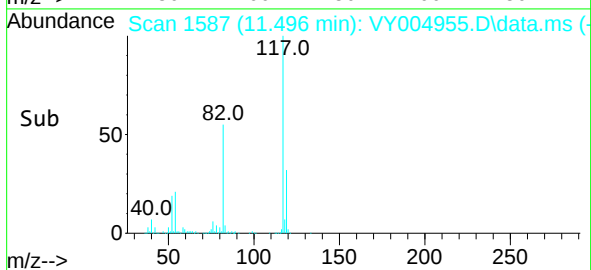
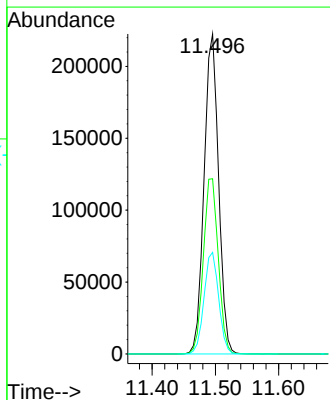
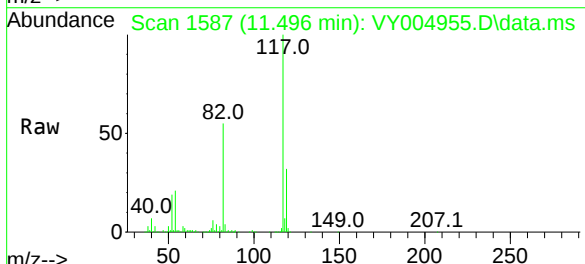
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBL01

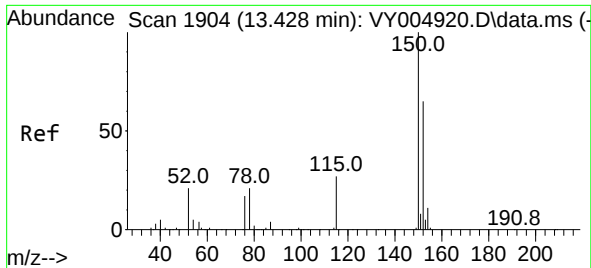
Tgt Ion: 95 Resp: 157216
Ion Ratio Lower Upper
95 100
174 80.1 0.0 160.8
176 76.7 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004955.D
Acq: 04 Jun 2021 11:25

Tgt Ion: 117 Resp: 354712
Ion Ratio Lower Upper
117 100
82 54.7 44.8 67.2
119 31.8 25.2 37.8

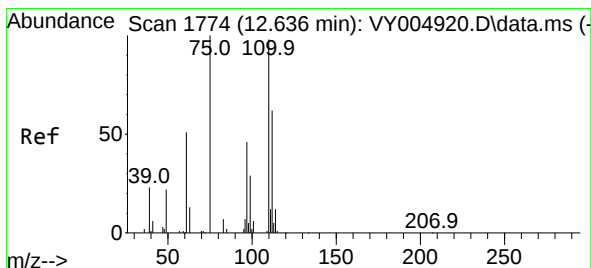
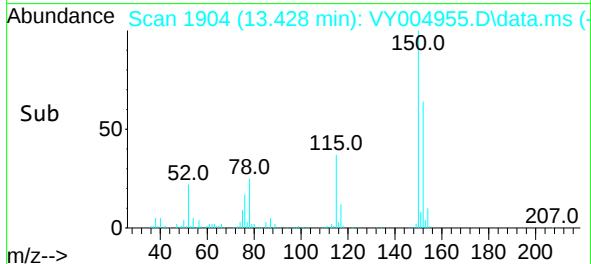
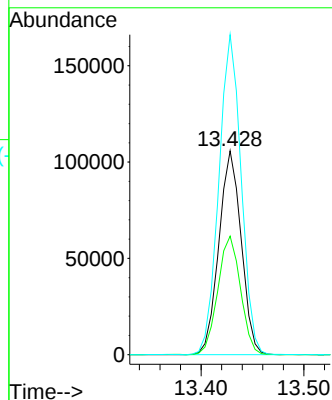
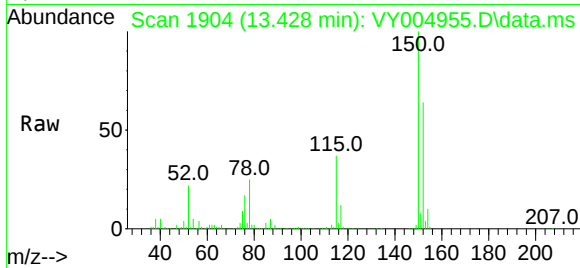




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004955.D
 Acq: 04 Jun 2021 11:25

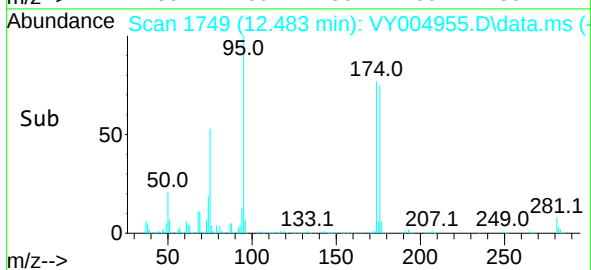
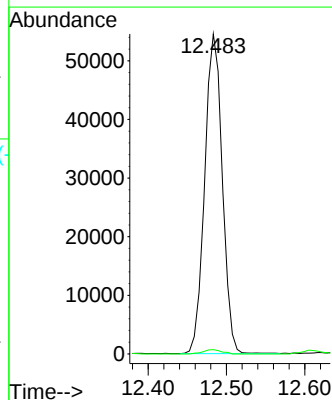
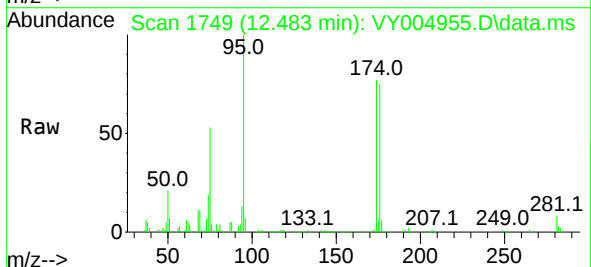
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBL01

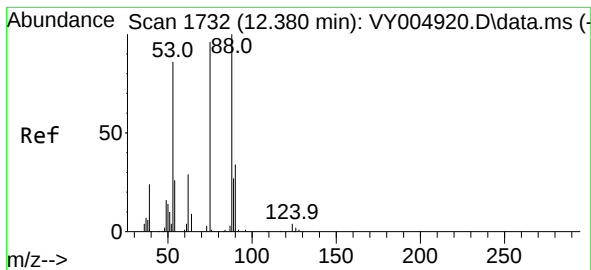
Tgt Ion:152 Resp: 159607
 Ion Ratio Lower Upper
 152 100
 115 59.0 29.9 89.7
 150 156.9 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 48.584 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004955.D
 Acq: 04 Jun 2021 11:25

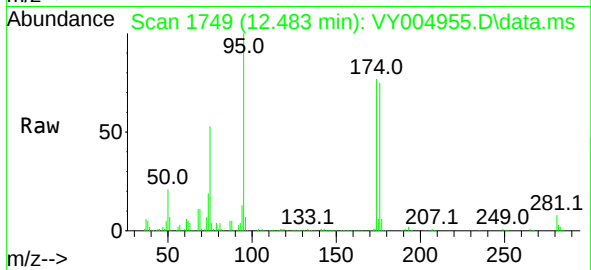
Tgt Ion: 75 Resp: 85003
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.287 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY004955.D
 Acq: 04 Jun 2021 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBL01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.3	103.9#
89	0.3	35.0	52.6#

