

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005040.D
 Acq On : 09 Jun 2021 12:38
 Operator : SY/MD
 Sample : VY0609SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 10 02:39:39 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)

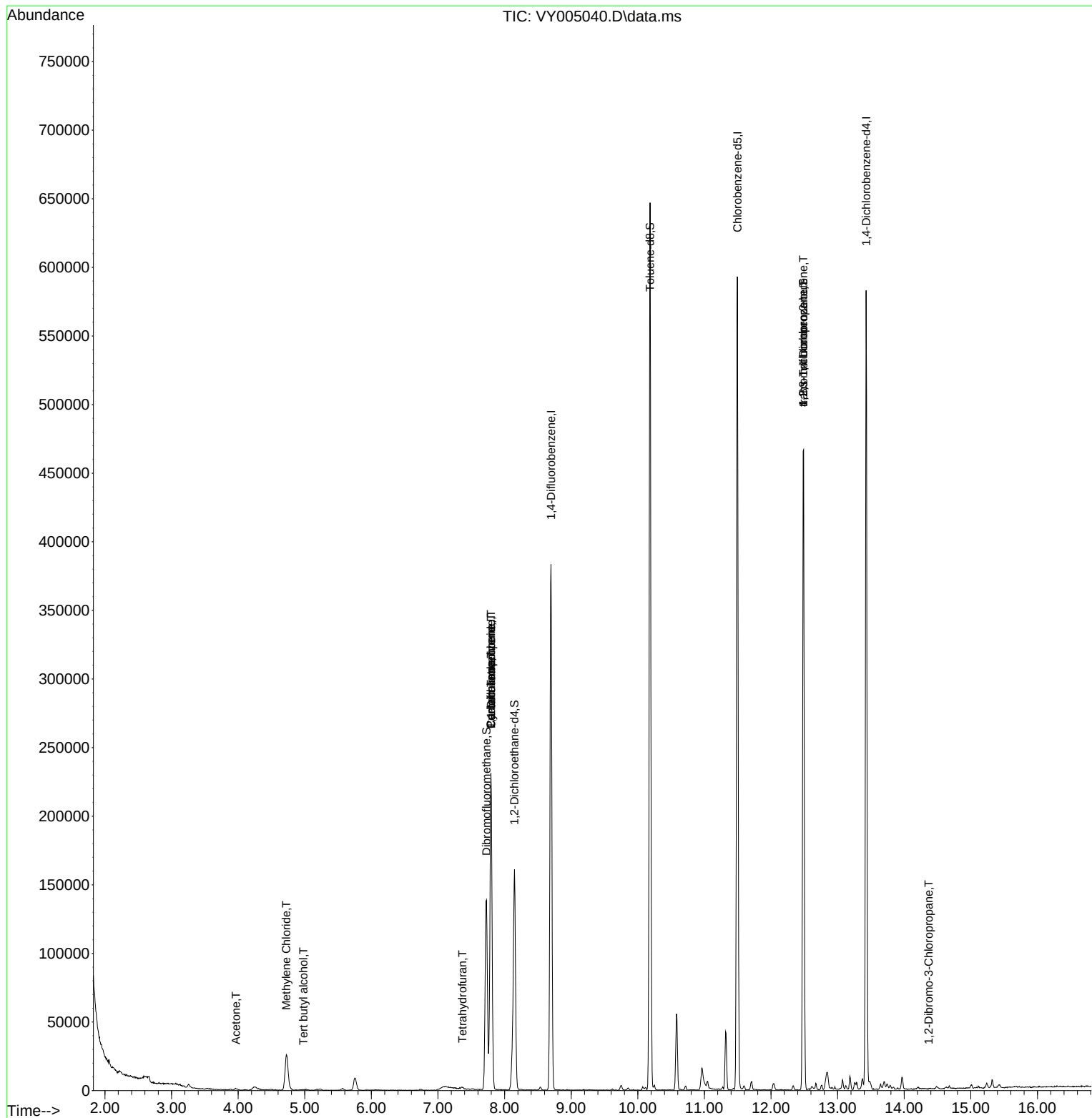
Internal Standards						
1) Pentafluorobenzene	7.795	168	171468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	322709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	312117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	112065	61.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.640%	
35) Dibromofluoromethane	7.728	113	99707	57.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.860%	
50) Toluene-d8	10.185	98	402154	55.772	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.540%	
62) 4-Bromofluorobenzene	12.483	95	133476	53.823	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	624	2.993	ug/l #	74
13) Acrolein	3.747	56	225	Below Cal	#	26
16) Acetone	3.966	43	1926	4.414	ug/l #	85
20) Methylene Chloride	4.722	84	19052	3.566	ug/l	96
29) Tetrahydrofuran	7.368	42	701	1.502	ug/l	95
31) Cyclohexane	7.795	56	4247	1.331	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14432	4.570	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17628	6.413	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	71473	46.372	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71473	85.222	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.367	75	460	1.303	ug/l #	1

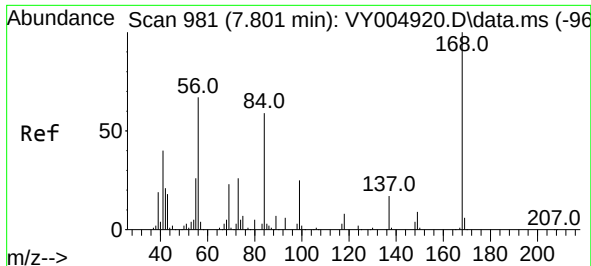
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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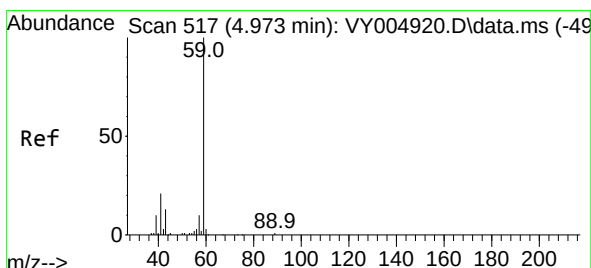
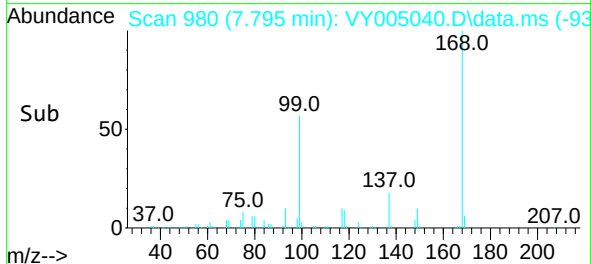
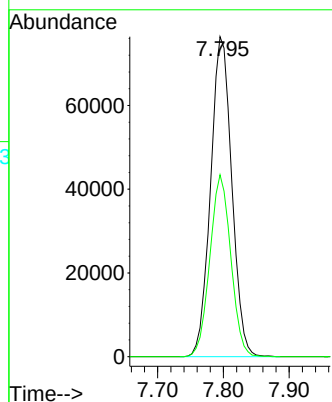
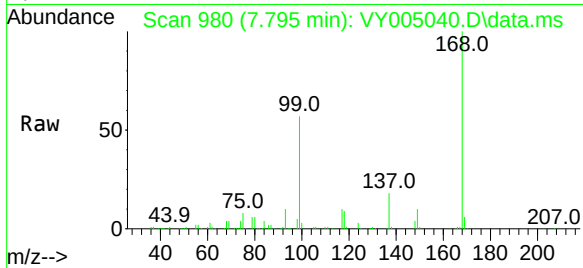




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005040.D
Acq: 09 Jun 2021 12:38

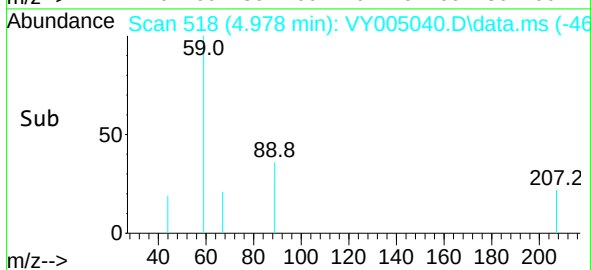
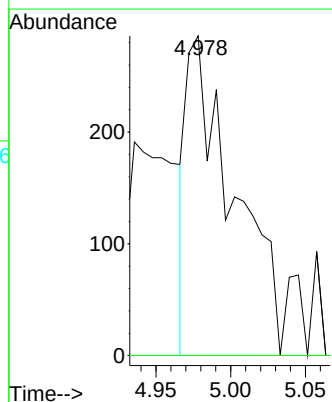
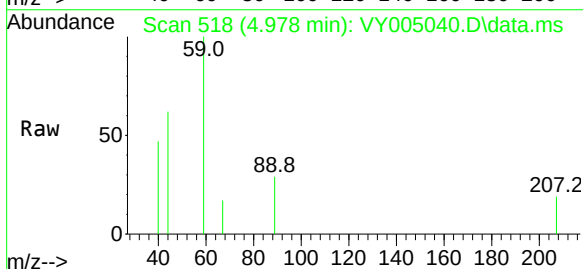
Instrument :
MSVOA_Y
ClientSampled :

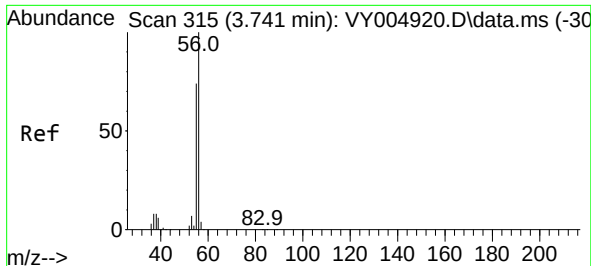
Tgt Ion:168 Resp: 171468
Ion Ratio Lower Upper
168 100
99 56.8 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.993 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.005 min
Lab File: VY005040.D
Acq: 09 Jun 2021 12:38

Tgt Ion: 59 Resp: 624
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

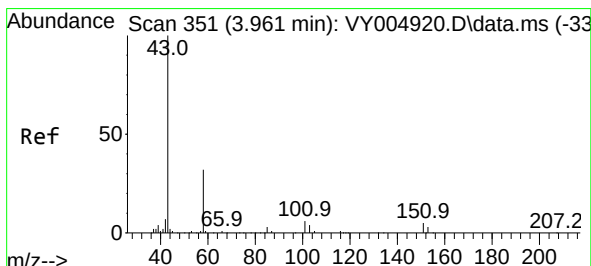
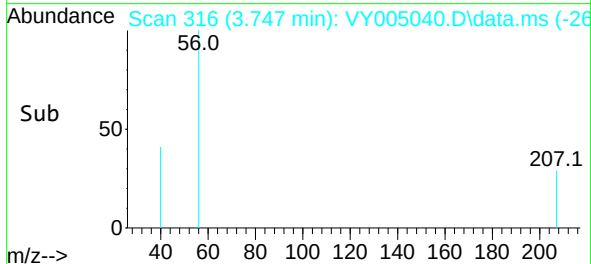
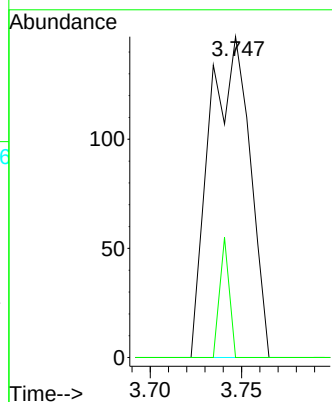
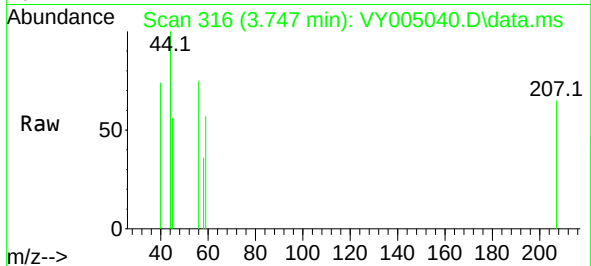




#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY005040.D
Acq: 09 Jun 2021 12:38

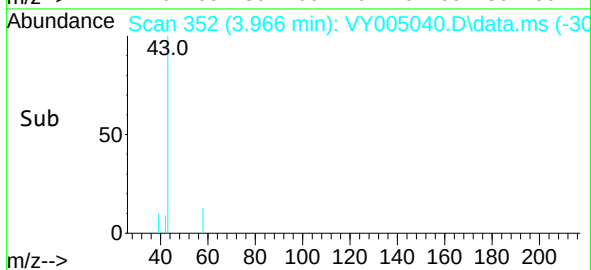
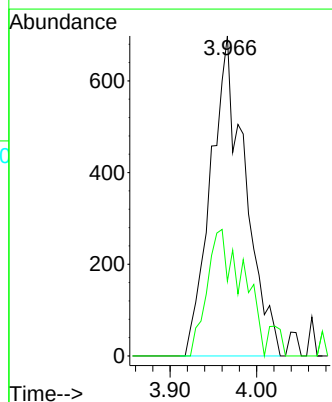
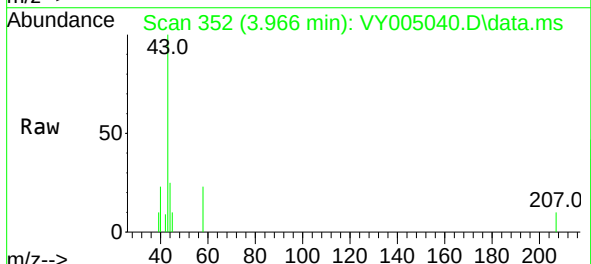
Instrument :
MSVOA_Y
ClientSampled :

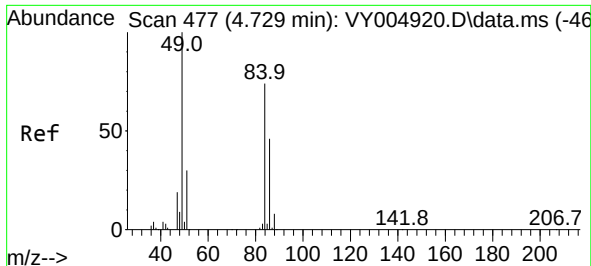
Tgt Ion: 56 Resp: 225
Ion Ratio Lower Upper
56 100
55 8.9 55.4 83.2#



#16
Acetone
Concen: 4.414 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005040.D
Acq: 09 Jun 2021 12:38

Tgt Ion: 43 Resp: 1926
Ion Ratio Lower Upper
43 100
58 23.4 25.3 37.9#





#20

Methylene Chloride

Concen: 3.566 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

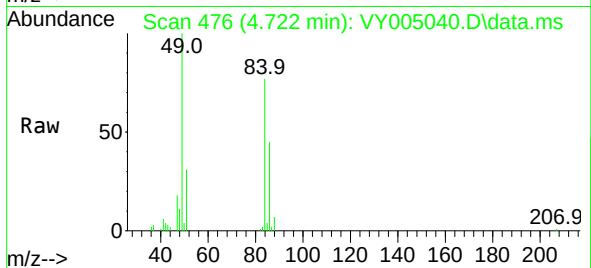
Lab File: VY005040.D

Acq: 09 Jun 2021 12:38

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 19052

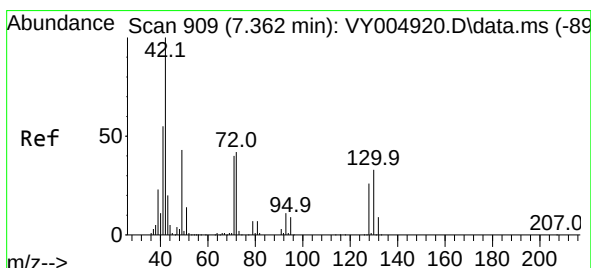
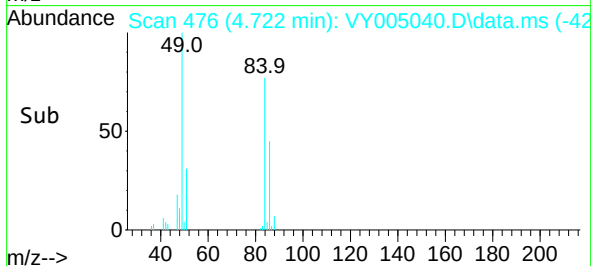
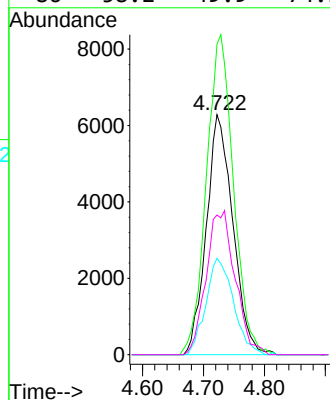
Ion Ratio Lower Upper

84 100

49 129.4 108.0 162.0

51 40.1 32.6 48.8

86 58.2 49.9 74.9



#29

Tetrahydrofuran

Concen: 1.502 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY005040.D

Acq: 09 Jun 2021 12:38

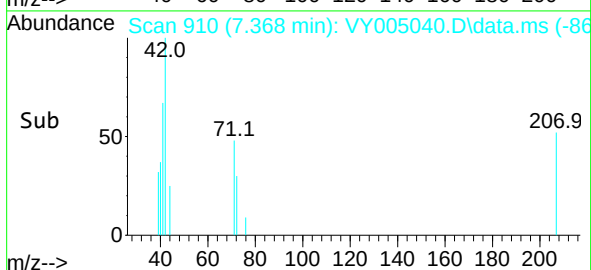
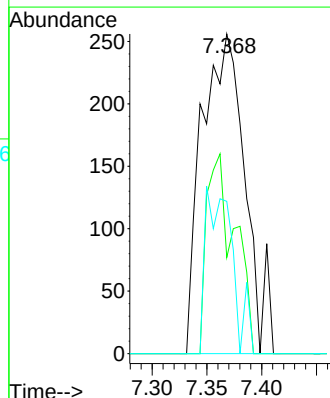
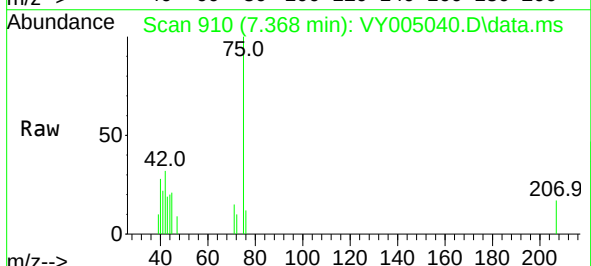
Tgt Ion: 42 Resp: 701

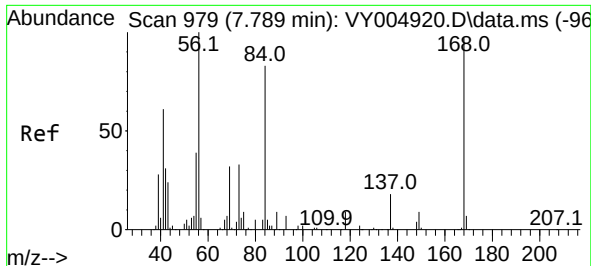
Ion Ratio Lower Upper

42 100

72 40.7 32.6 49.0

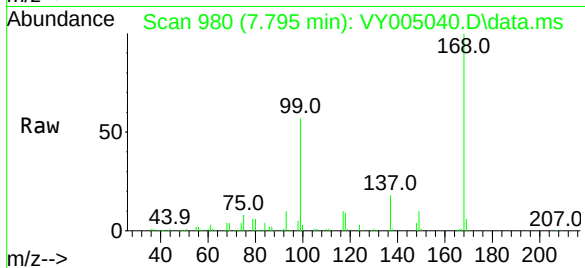
71 32.4 30.9 46.3



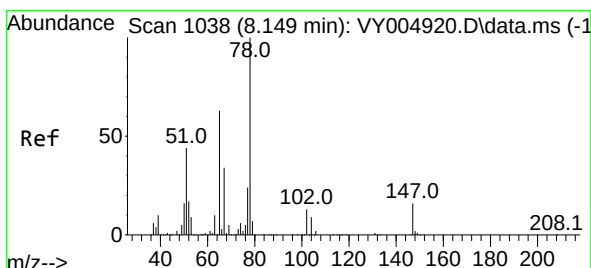
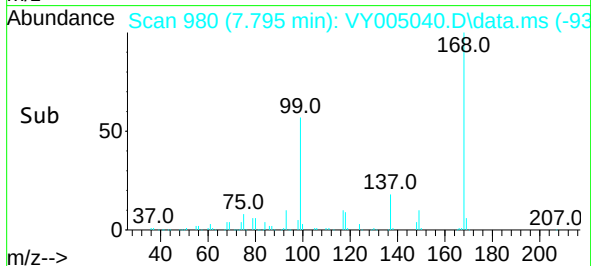
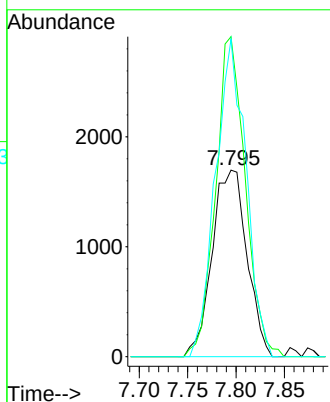


#31
Cyclohexane
Concen: 1.331 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005040.D
Acq: 09 Jun 2021 12:38

Instrument :
MSVOA_Y
ClientSampleId :

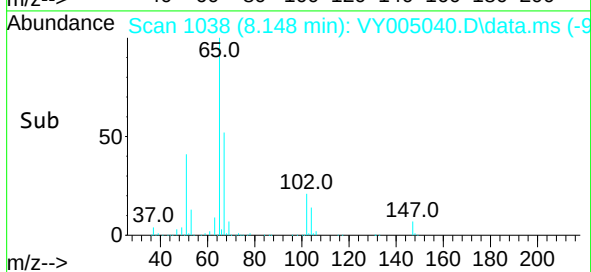
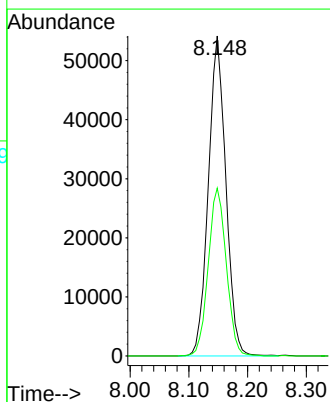
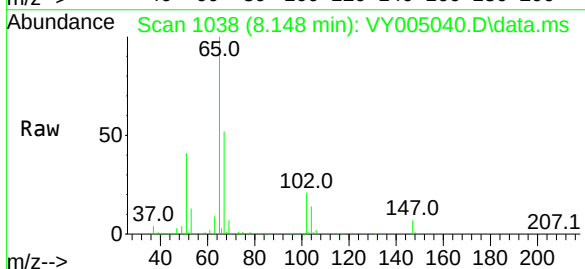


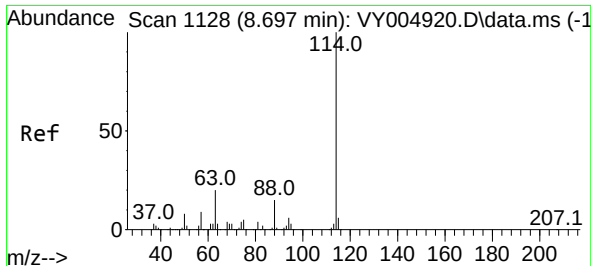
Tgt Ion: 56 Resp: 4247
Ion Ratio Lower Upper
56 100
69 171.4 25.3 37.9#
84 170.1 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 61.821 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005040.D
Acq: 09 Jun 2021 12:38

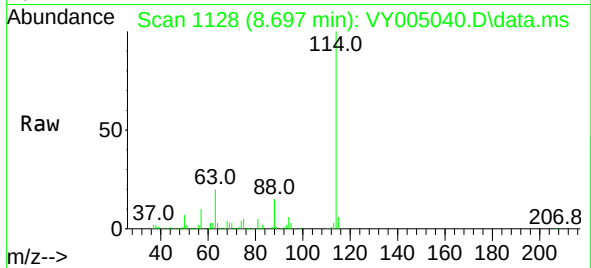
Tgt Ion: 65 Resp: 112065
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.6



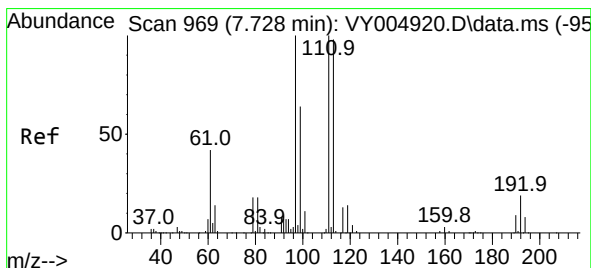
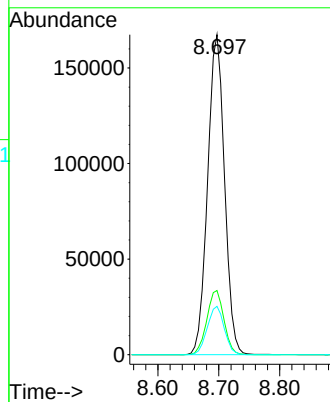
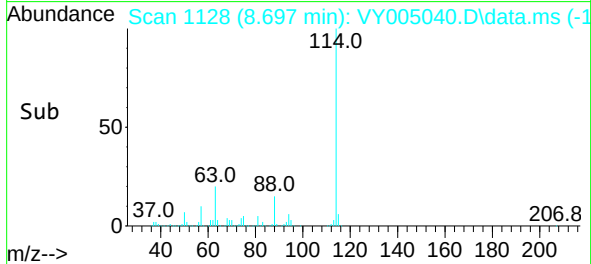


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005040.D
Acq: 09 Jun 2021 12:38

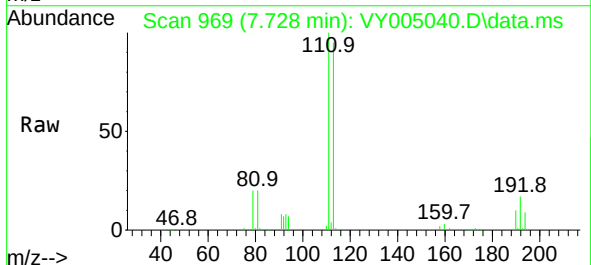
Instrument :
MSVOA_Y
ClientSampleId :



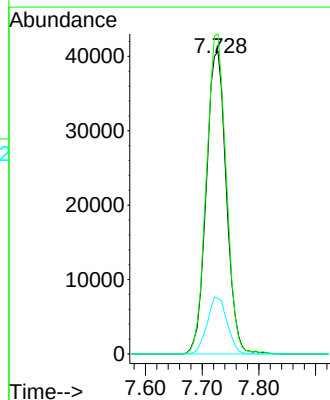
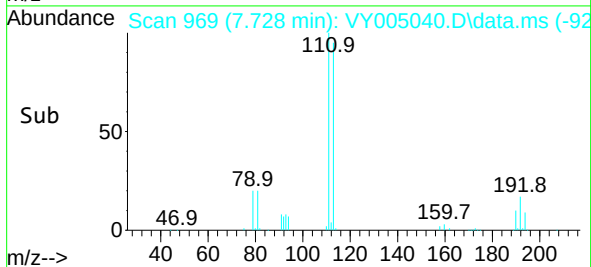
Tgt Ion:114 Resp: 322709
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.0
88 15.1 0.0 30.6

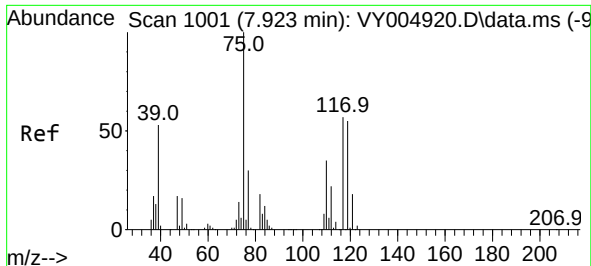


#35
Dibromofluoromethane
Concen: 57.428 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005040.D
Acq: 09 Jun 2021 12:38



Tgt Ion:113 Resp: 99707
Ion Ratio Lower Upper
113 100
111 104.9 81.8 122.8
192 18.6 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.570 ug/l

RT: 7.795 min Scan# 980

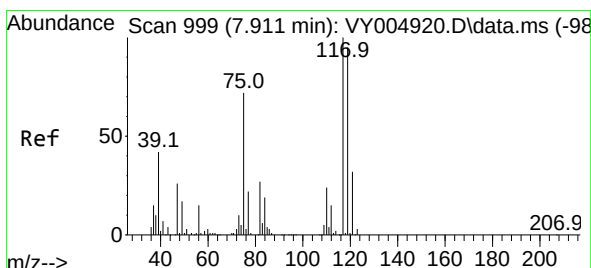
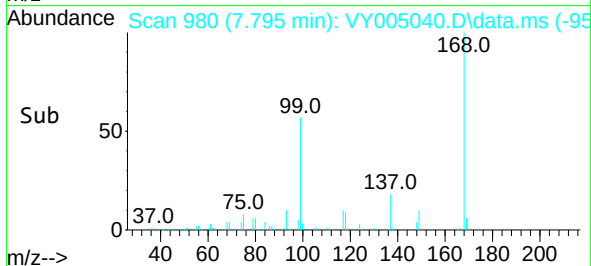
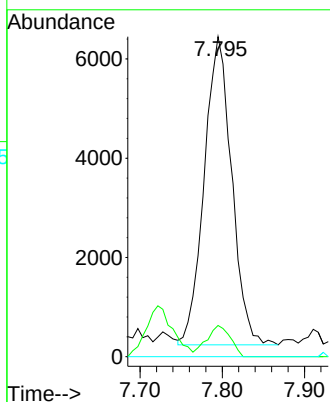
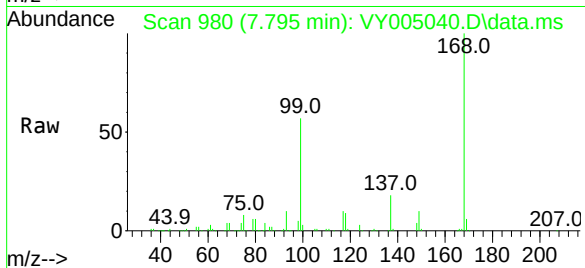
Delta R.T. -0.128 min

Lab File: VY005040.D

Acq: 09 Jun 2021 12:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75	Resp: 14432
Ion Ratio	Lower Upper
75 100	
110 8.7	17.5 52.5#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.413 ug/l

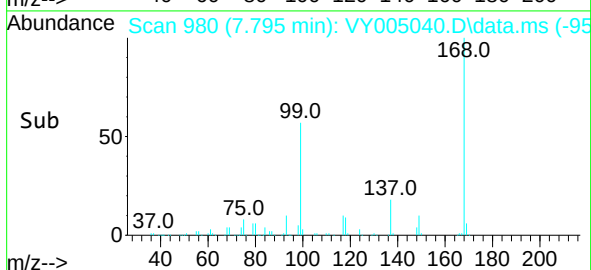
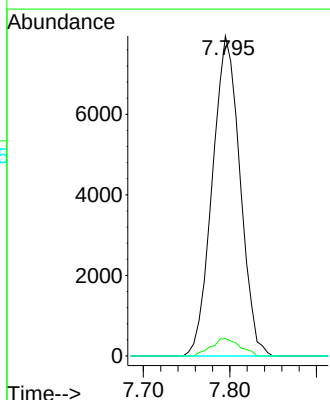
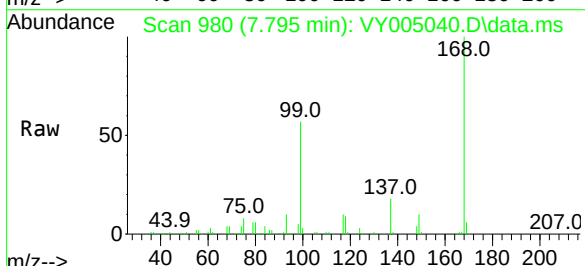
RT: 7.795 min Scan# 980

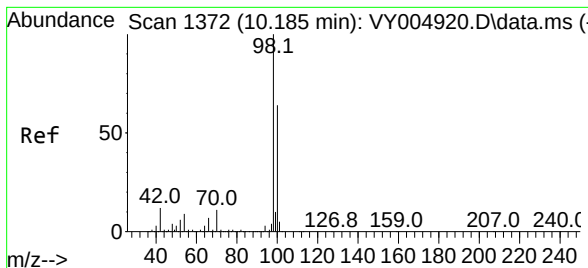
Delta R.T. -0.116 min

Lab File: VY005040.D

Acq: 09 Jun 2021 12:38

Tgt Ion: 117	Resp: 17628
Ion Ratio	Lower Upper
117 100	
119 5.5	76.1 114.1#
121 0.0	25.5 38.3#

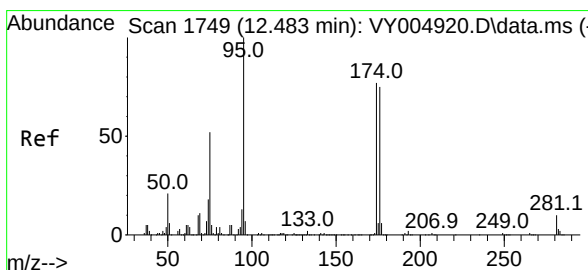
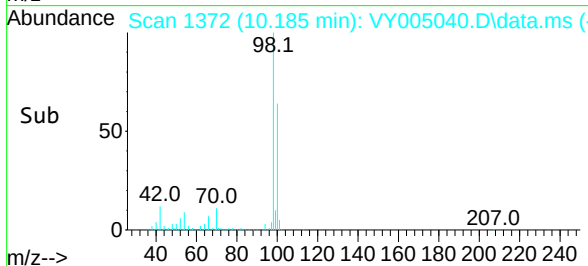
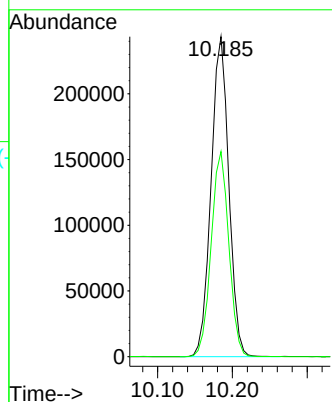
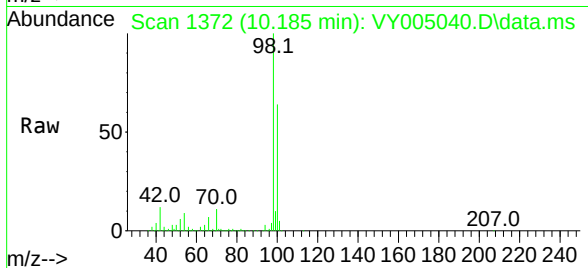




#50
Toluene-d8
Concen: 55.772 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005040.D
Acq: 09 Jun 2021 12:38

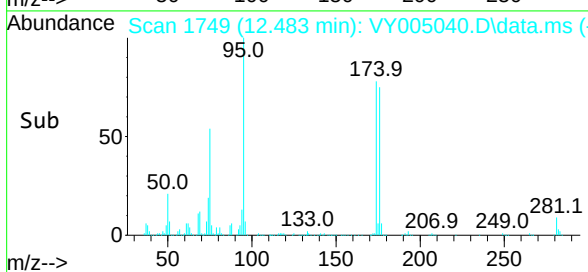
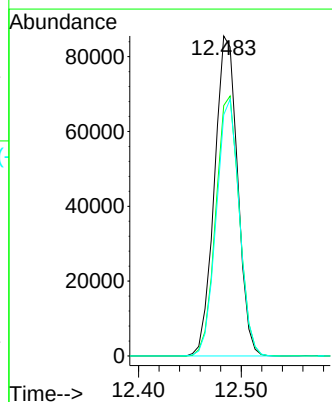
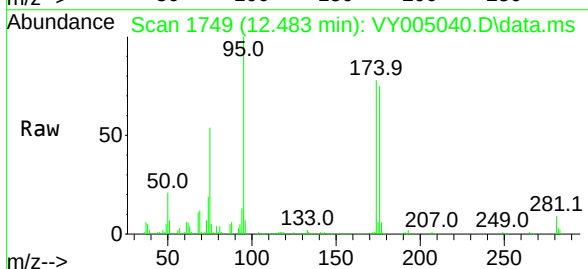
Instrument :
MSVOA_Y
ClientSampled :

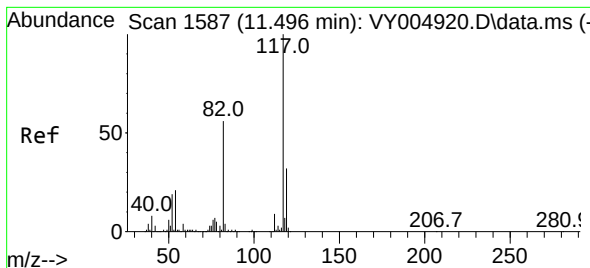
Tgt Ion: 98 Resp: 402154
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.823 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005040.D
Acq: 09 Jun 2021 12:38

Tgt Ion: 95 Resp: 133476
Ion Ratio Lower Upper
95 100
174 81.9 0.0 160.8
176 79.7 0.0 155.6

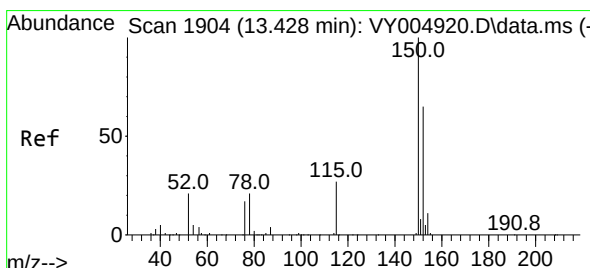
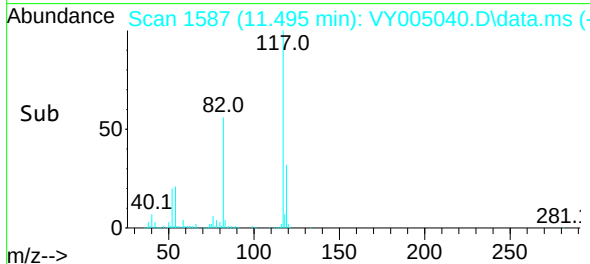
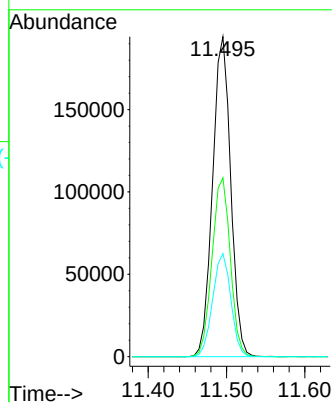
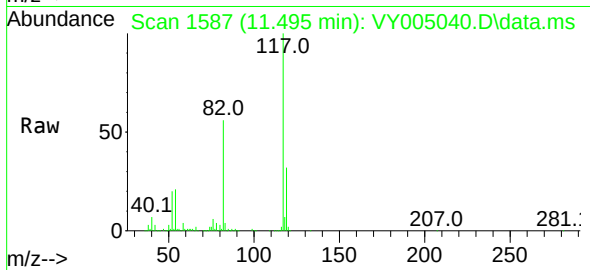




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005040.D
Acq: 09 Jun 2021 12:38

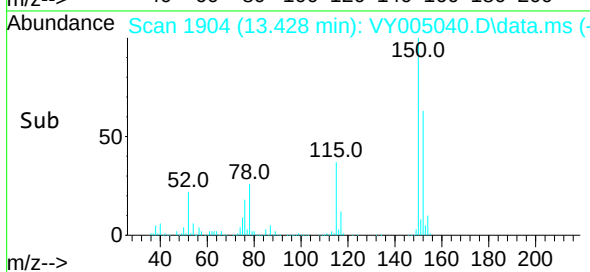
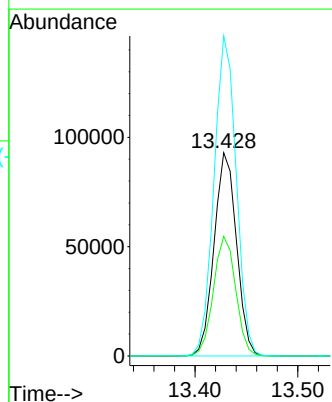
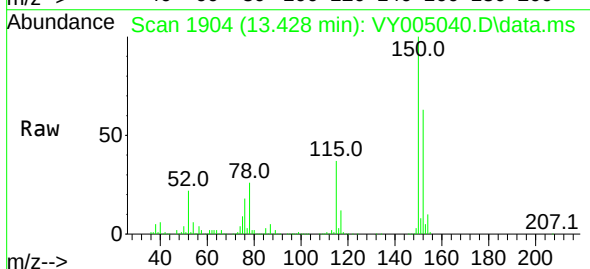
Instrument :
MSVOA_Y
ClientSampleId :

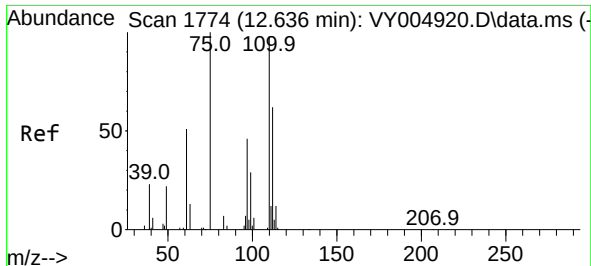
Tgt Ion:117 Resp: 312117
Ion Ratio Lower Upper
117 100
82 55.9 44.8 67.2
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005040.D
Acq: 09 Jun 2021 12:38

Tgt Ion:152 Resp: 140603
Ion Ratio Lower Upper
152 100
115 58.4 29.9 89.7
150 156.4 0.0 347.8

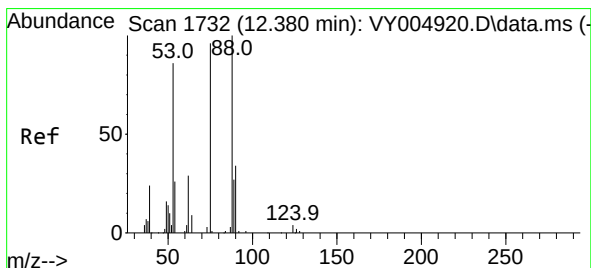
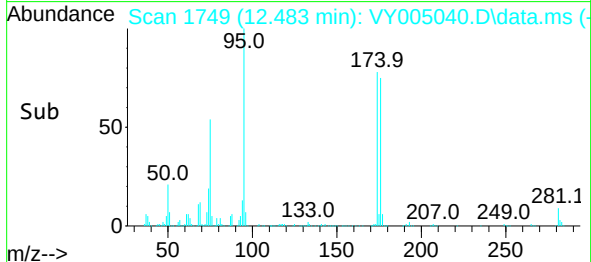
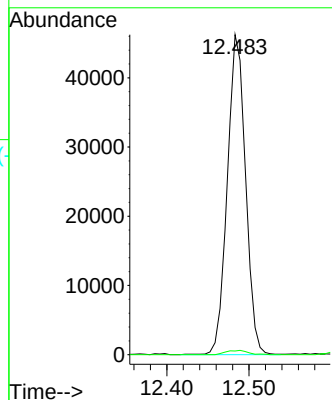
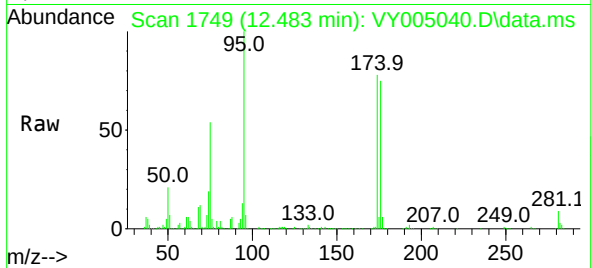




#76
1,2,3-Trichloropropane
Concen: 46.372 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005040.D
Acq: 09 Jun 2021 12:38

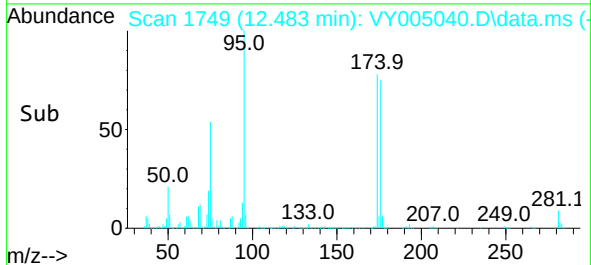
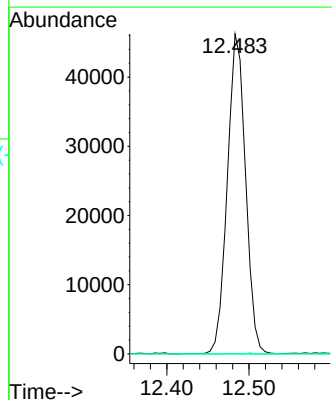
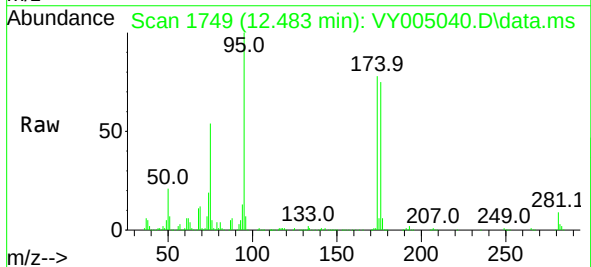
Instrument :
MSVOA_Y
ClientSampled :

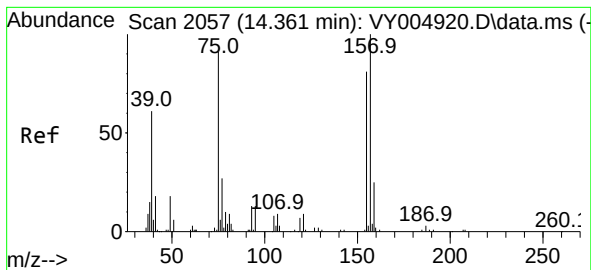
Tgt Ion: 75 Resp: 71473
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.222 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005040.D
Acq: 09 Jun 2021 12:38

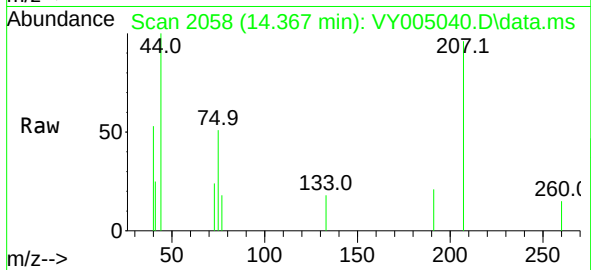
Tgt Ion: 75 Resp: 71473
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 0.0 35.0 52.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.303 ug/l
 RT: 14.367 min Scan# 2058
 Delta R.T. 0.006 min
 Lab File: VY005040.D
 Acq: 09 Jun 2021 12:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 460
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.9 128.5#
 157 0.0 54.1 162.4#

