

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005103.D
 Acq On : 11 Jun 2021 03:16
 Operator : SY/MD
 Sample : M2672-18
 Misc : 6.69G/5ML/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 07:07:59 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)

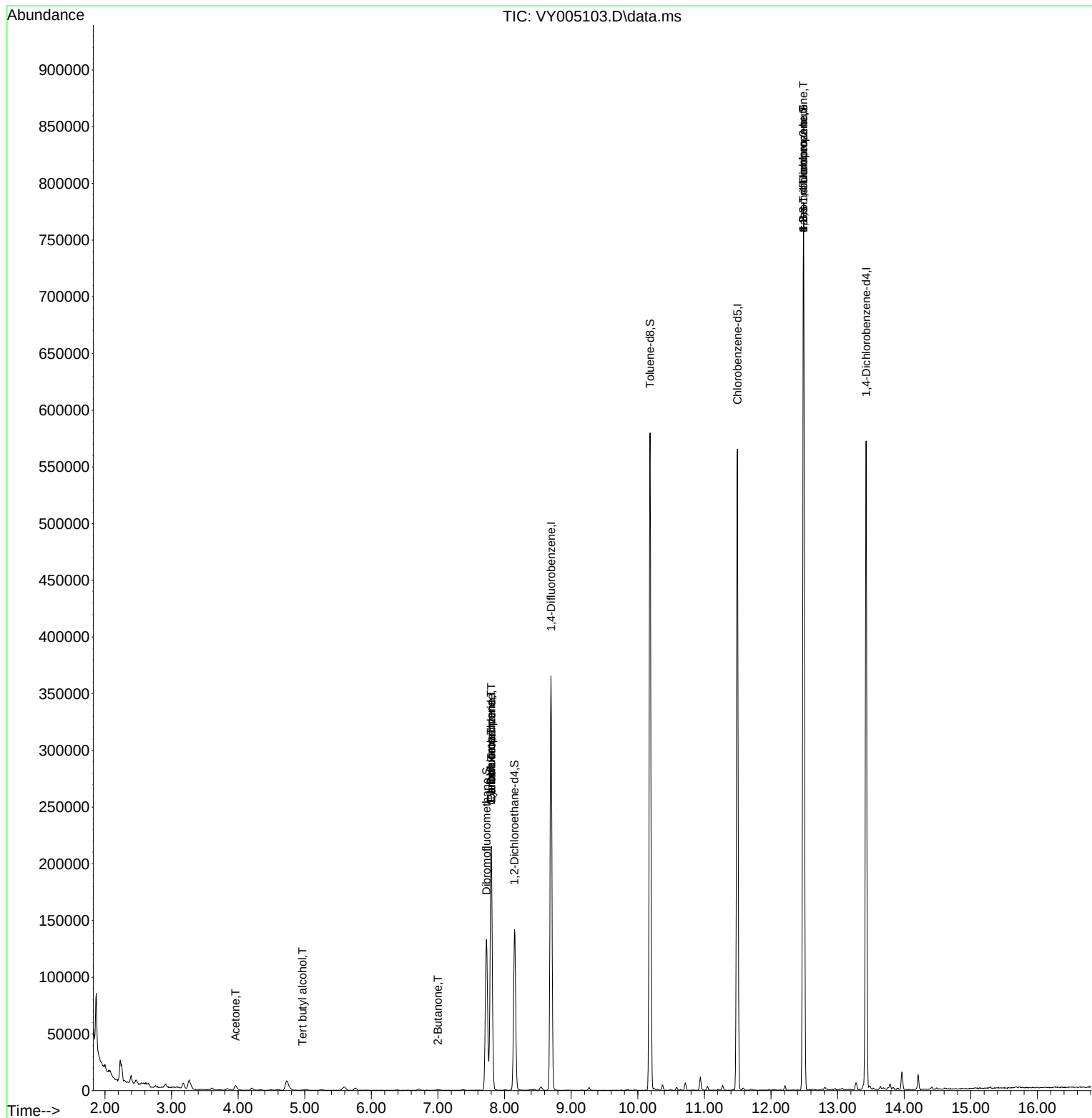
Internal Standards						
1) Pentafluorobenzene	7.801	168	167954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	307314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	303061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	111123	62.584	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.160%	
35) Dibromofluoromethane	7.728	113	94706	57.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.560%	
50) Toluene-d8	10.185	98	383865	55.902	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.800%	
62) 4-Bromofluorobenzene	12.483	95	131618	55.733	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.460%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	875	4.285	ug/l #	74
13) Acrolein	3.747	56	101	Below Cal	#	15
16) Acetone	3.960	43	6941	16.239	ug/l	99
20) Methylene Chloride	4.729	84	6415	Below Cal	#	77
25) 2-Butanone	6.997	43	1464	2.037	ug/l	93
31) Cyclohexane	7.795	56	3400	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12984	4.317	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16797	6.417	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	73769	47.949	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73769	88.119	ug/l #	16

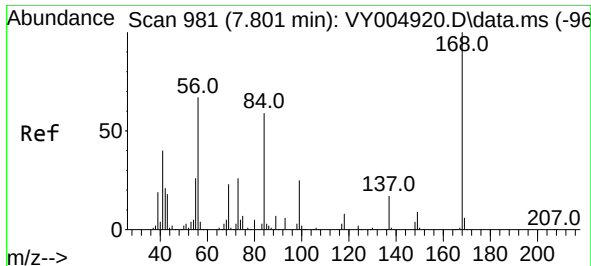
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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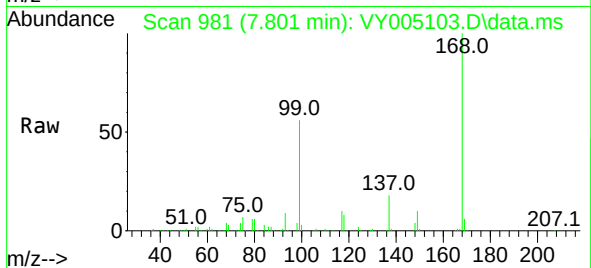
Quant Time: Jun 11 07:07:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
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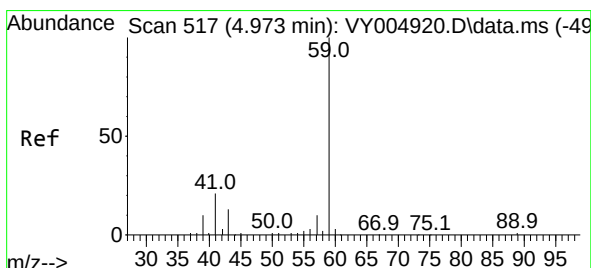
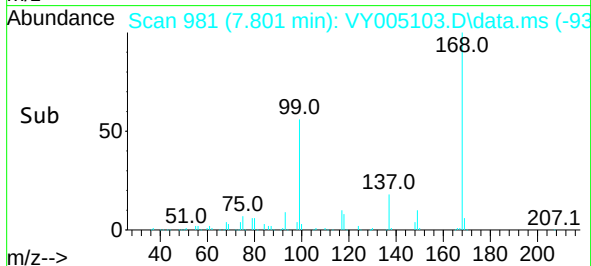
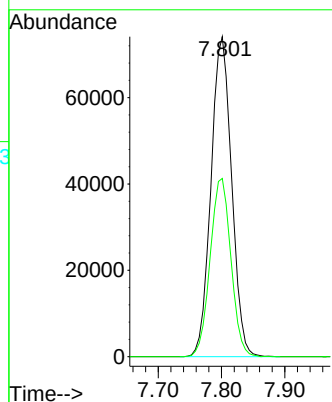


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005103.D
Acq: 11 Jun 2021 03:16

Instrument :
MSVOA_Y
ClientSampleId :

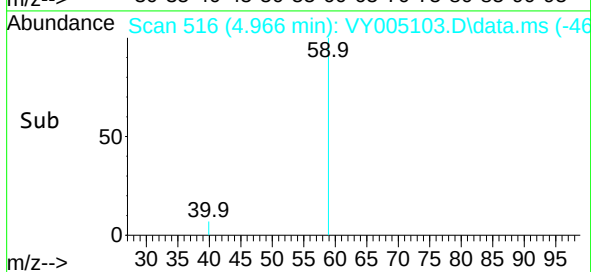
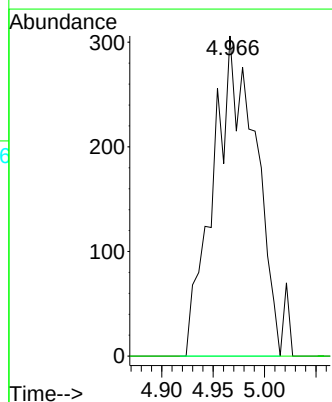
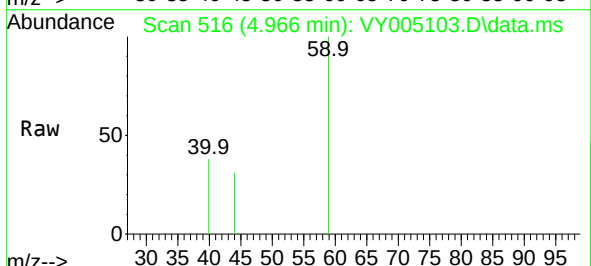


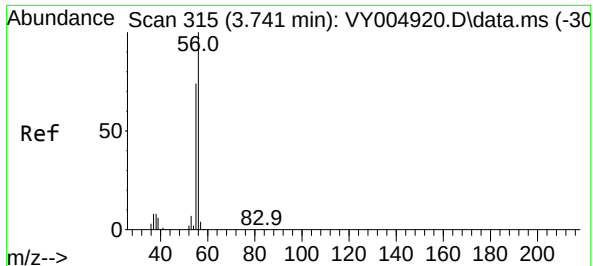
Tgt Ion:168 Resp: 167954
Ion Ratio Lower Upper
168 100
99 55.7 43.9 65.9



#11
Tert butyl alcohol
Concen: 4.285 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY005103.D
Acq: 11 Jun 2021 03:16

Tgt Ion: 59 Resp: 875
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

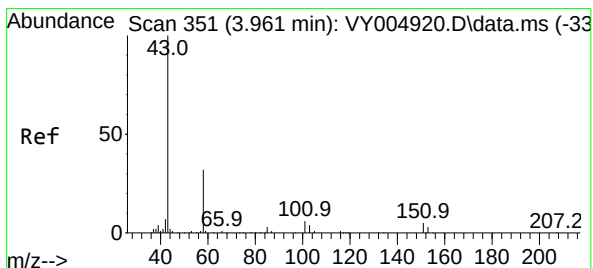
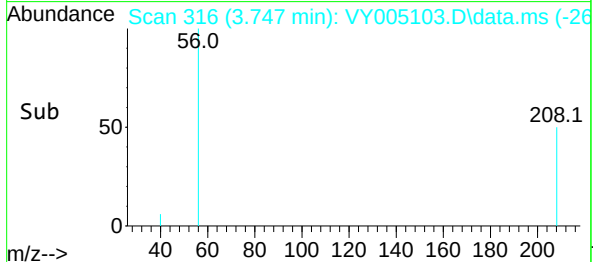
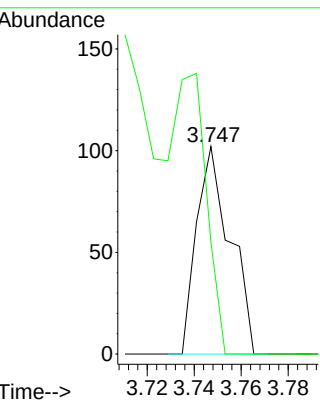
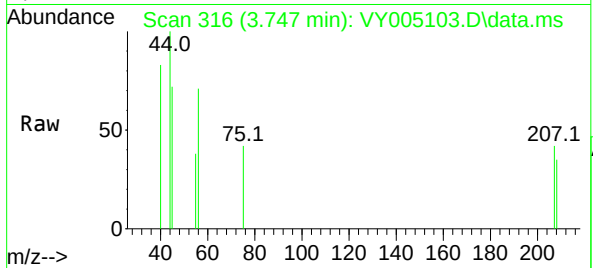




#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY005103.D
Acq: 11 Jun 2021 03:16

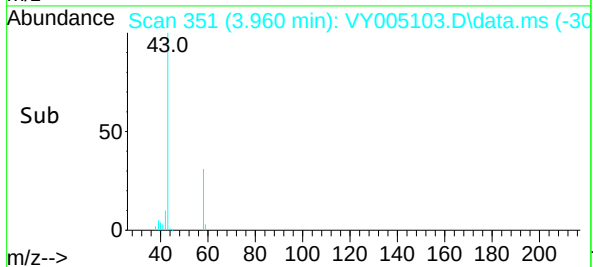
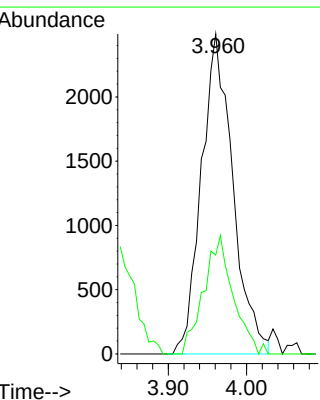
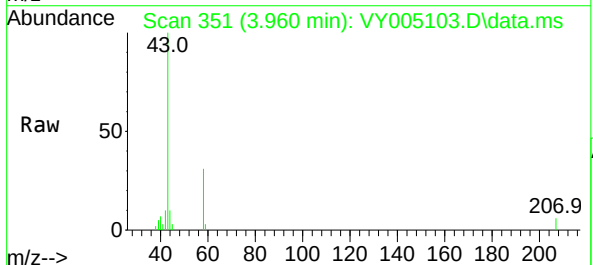
Instrument :
MSVOA_Y
ClientSampled :

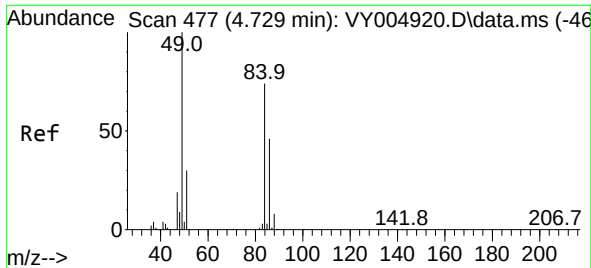
Tgt Ion: 56 Resp: 101
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#16
Acetone
Concen: 16.239 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005103.D
Acq: 11 Jun 2021 03:16

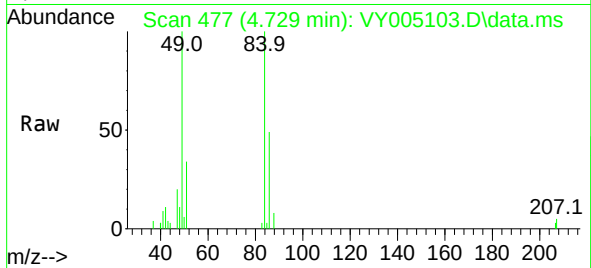
Tgt Ion: 43 Resp: 6941
Ion Ratio Lower Upper
43 100
58 30.9 25.3 37.9



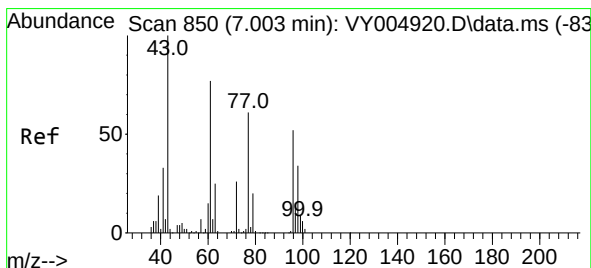
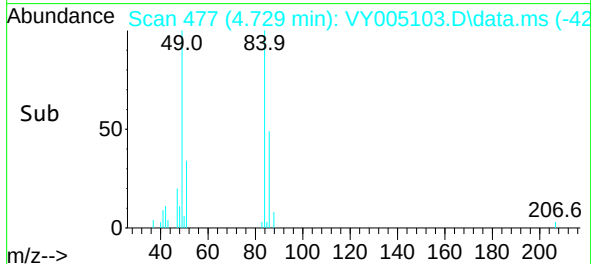
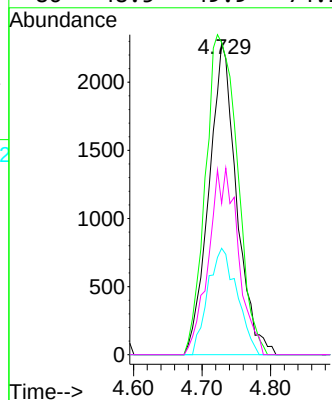


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005103.D
Acq: 11 Jun 2021 03:16

Instrument :
MSVOA_Y
ClientSampled :

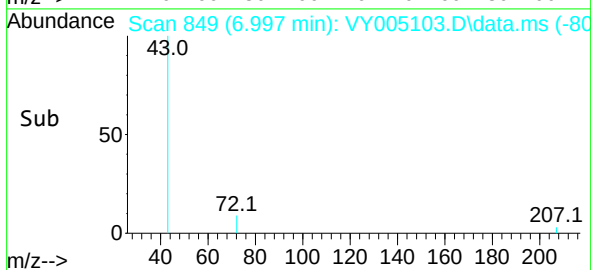
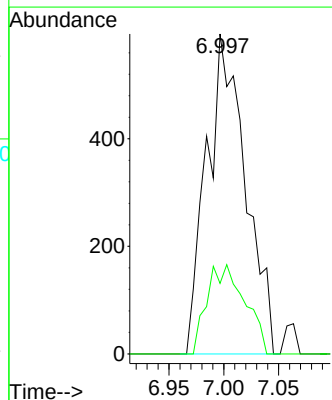
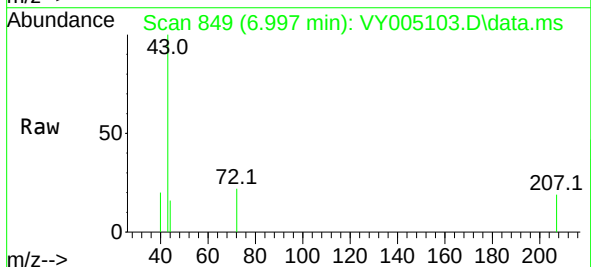


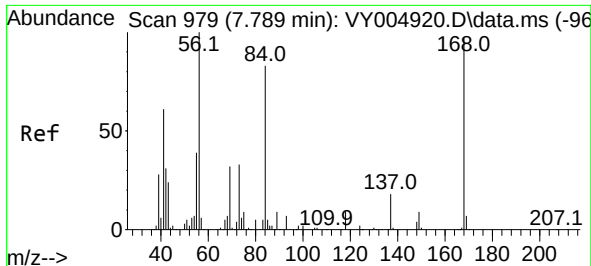
Tgt Ion: 84 Resp: 6415
Ion Ratio Lower Upper
84 100
49 100.0 108.0 162.0#
51 34.1 32.6 48.8
86 48.5 49.9 74.9#



#25
2-Butanone
Concen: 2.037 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY005103.D
Acq: 11 Jun 2021 03:16

Tgt Ion: 43 Resp: 1464
Ion Ratio Lower Upper
43 100
72 22.0 20.6 31.0

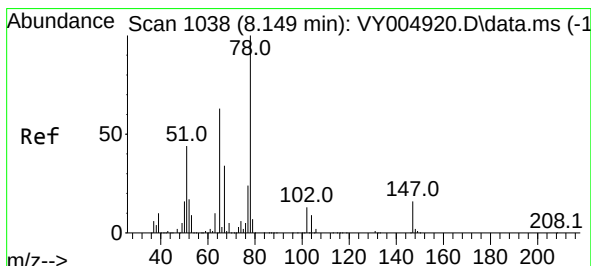
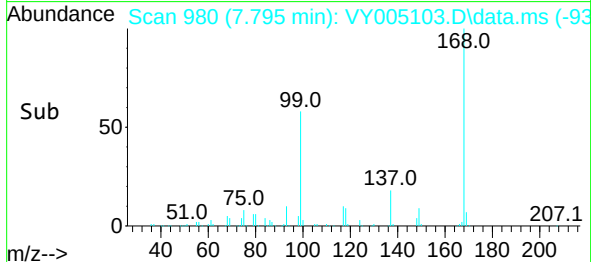
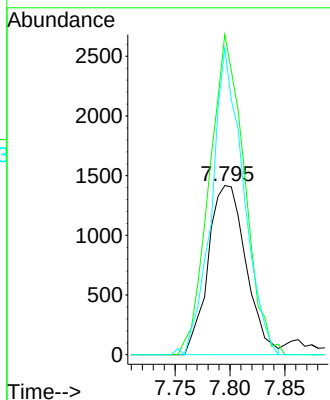
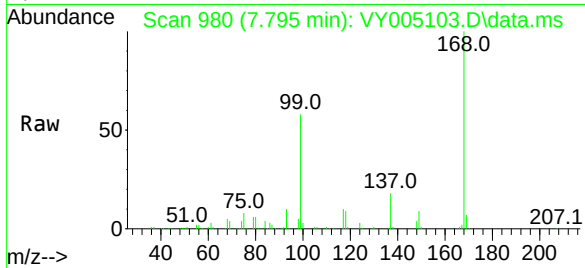




#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005103.D
Acq: 11 Jun 2021 03:16

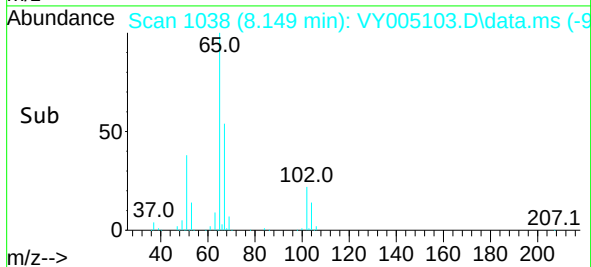
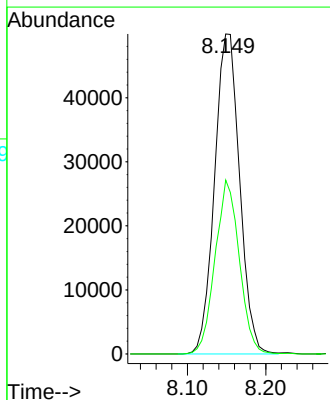
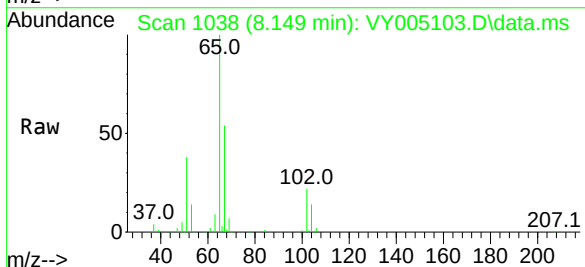
Instrument :
MSVOA_Y
ClientSampleId :

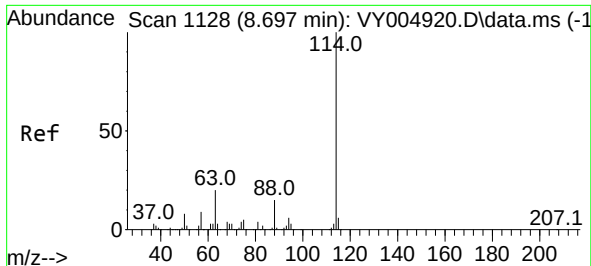
Tgt Ion: 56 Resp: 3400
Ion Ratio Lower Upper
56 100
69 189.2 25.3 37.9#
84 181.2 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 62.584 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005103.D
Acq: 11 Jun 2021 03:16

Tgt Ion: 65 Resp: 111123
Ion Ratio Lower Upper
65 100
67 52.4 0.0 110.6

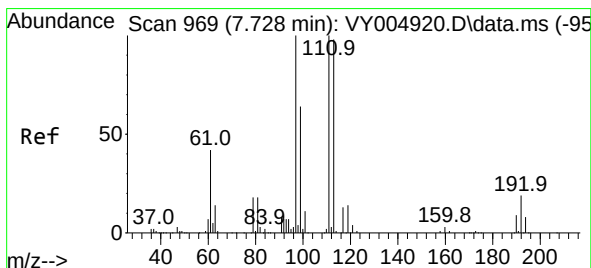
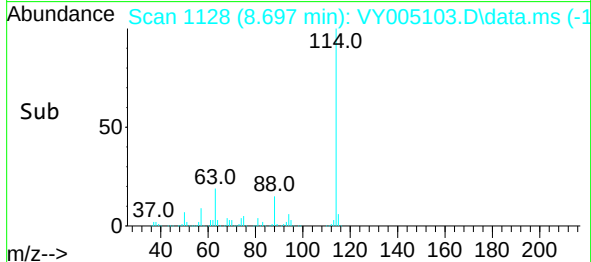
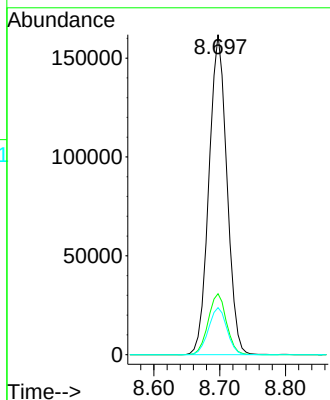
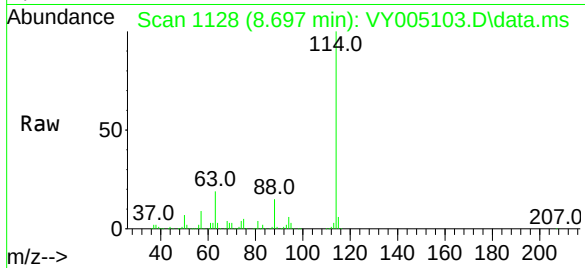




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005103.D
Acq: 11 Jun 2021 03:16

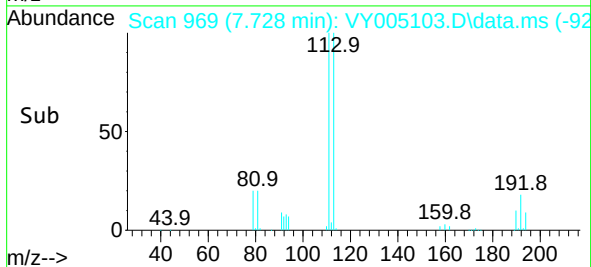
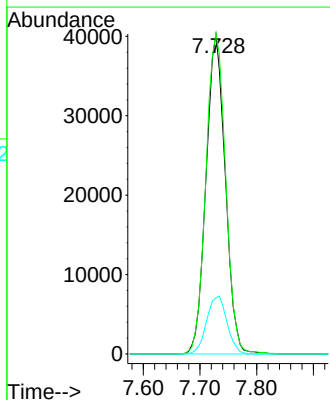
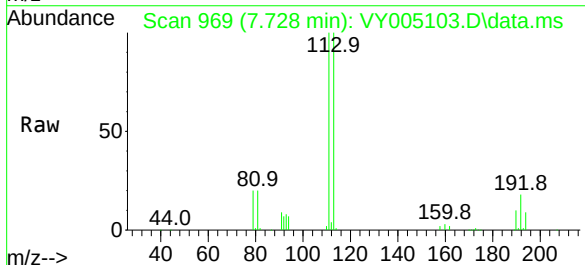
Instrument :
MSVOA_Y
ClientSampleId :

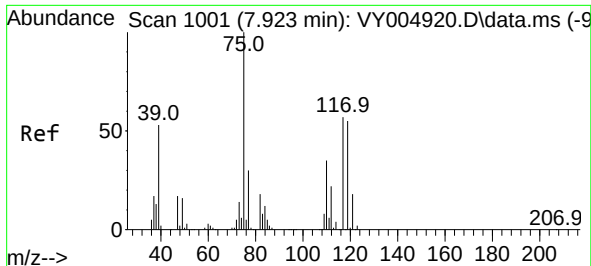
Tgt Ion:114 Resp: 307314
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.0
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.280 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005103.D
Acq: 11 Jun 2021 03:16

Tgt Ion:113 Resp: 94706
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 19.1 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.317 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

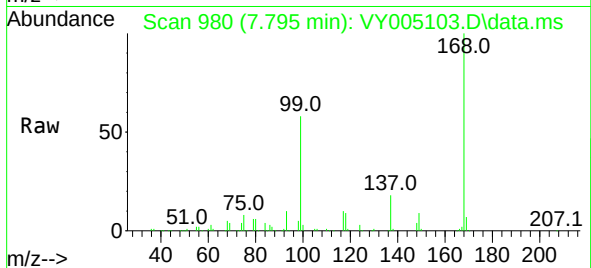
Lab File: VY005103.D

Acq: 11 Jun 2021 03:16

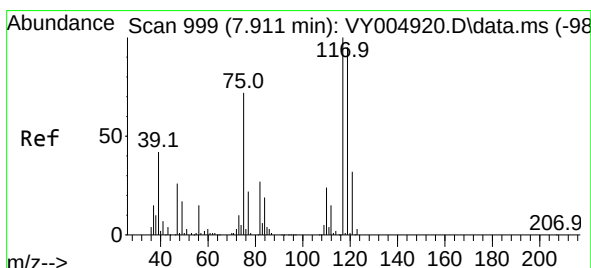
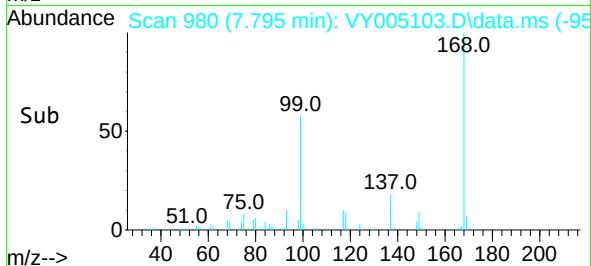
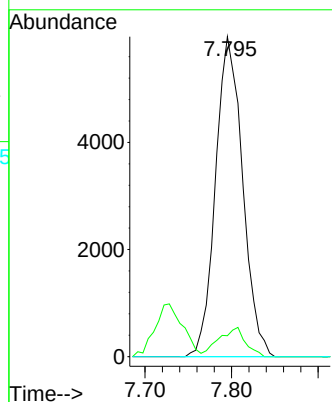
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	12984
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.5	52.5#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.417 ug/l

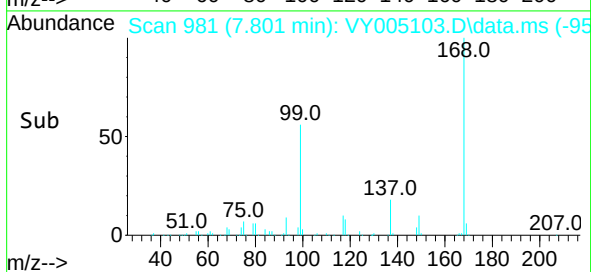
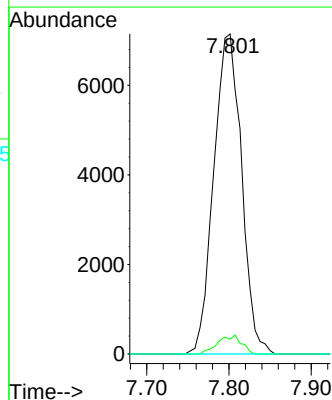
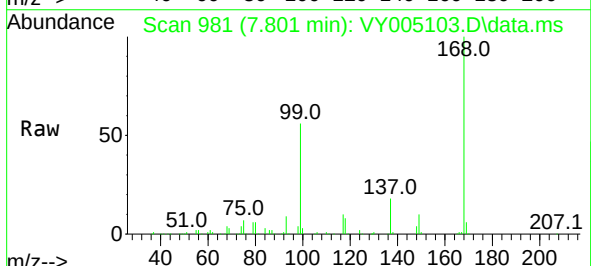
RT: 7.801 min Scan# 981

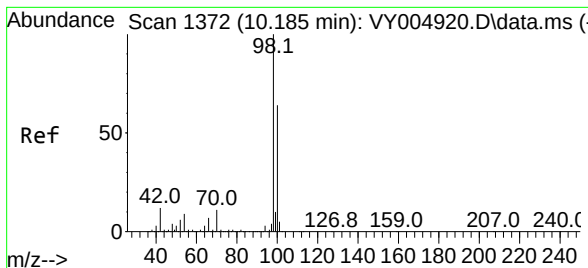
Delta R.T. -0.110 min

Lab File: VY005103.D

Acq: 11 Jun 2021 03:16

Tgt Ion:	117	Resp:	16797
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.1	114.1#
121	0.0	25.5	38.3#

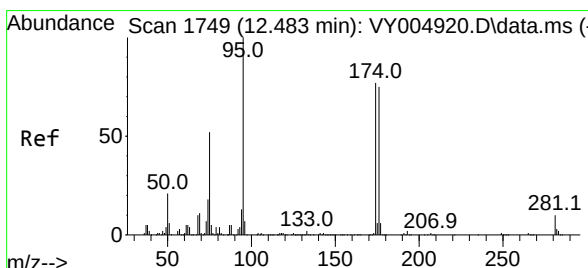
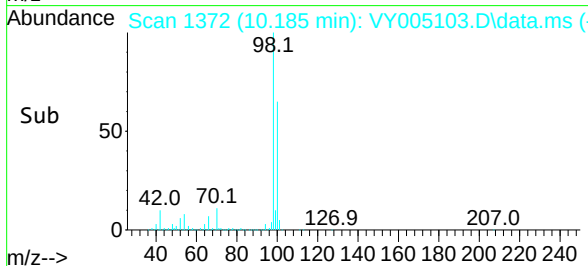
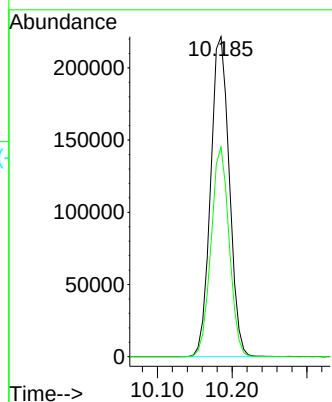
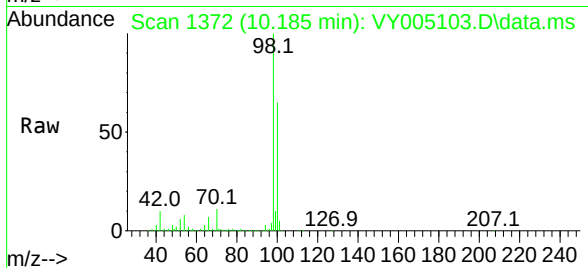




#50
Toluene-d8
Concen: 55.902 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005103.D
Acq: 11 Jun 2021 03:16

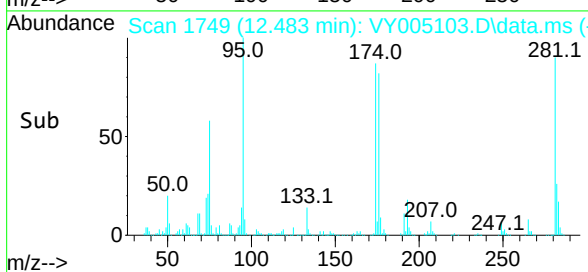
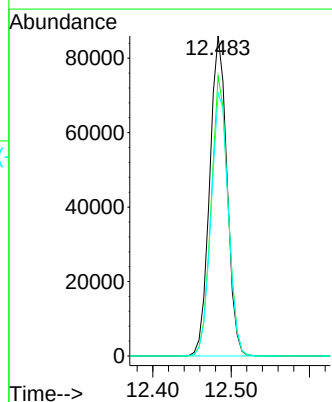
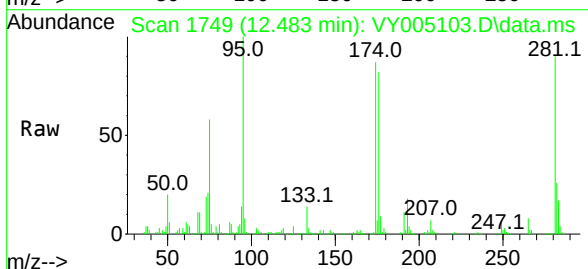
Instrument :
MSVOA_Y
ClientSampled :

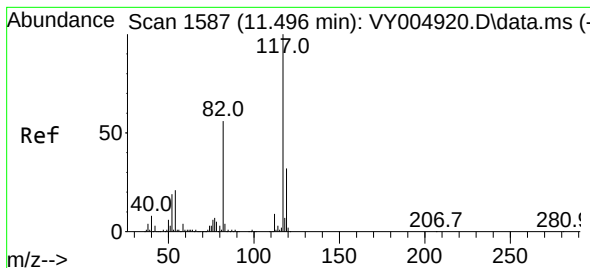
Tgt Ion: 98 Resp: 383865
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.733 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005103.D
Acq: 11 Jun 2021 03:16

Tgt Ion: 95 Resp: 131618
Ion Ratio Lower Upper
95 100
174 84.9 0.0 160.8
176 82.2 0.0 155.6

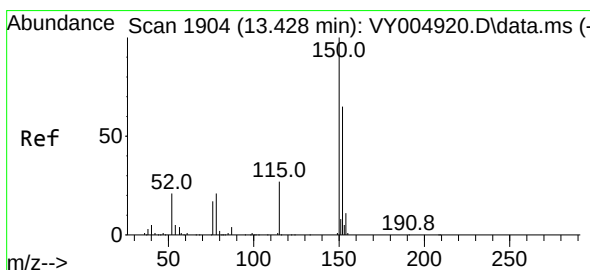
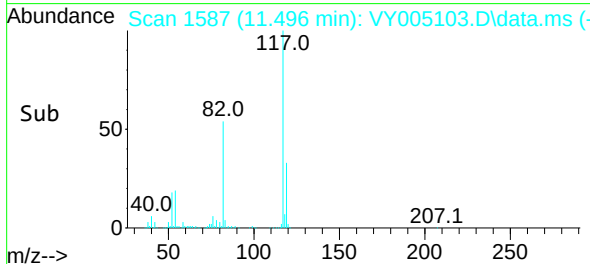
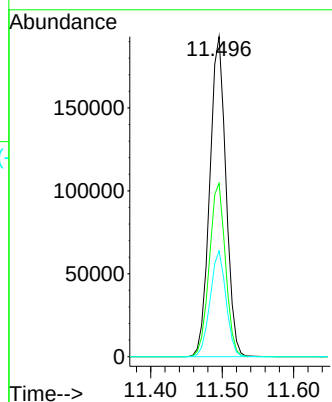
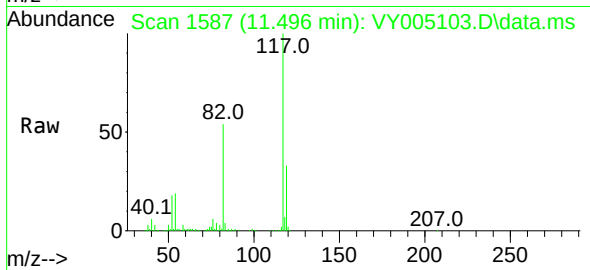




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005103.D
Acq: 11 Jun 2021 03:16

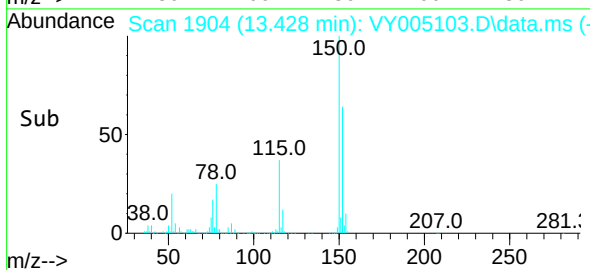
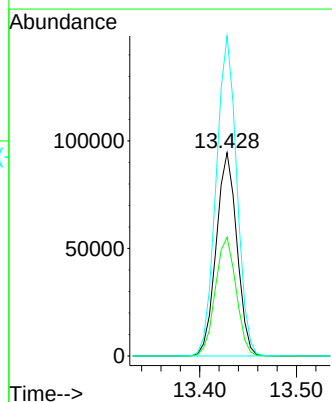
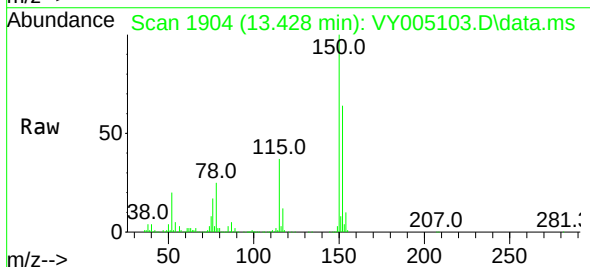
Instrument :
MSVOA_Y
ClientSampleId :

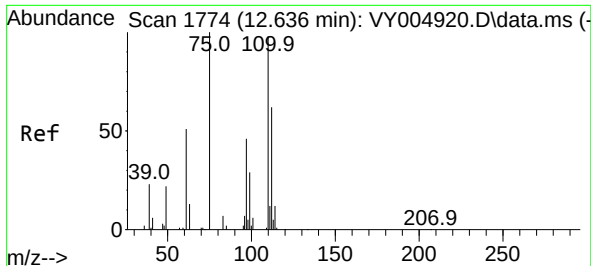
Tgt Ion:117 Resp: 303061
Ion Ratio Lower Upper
117 100
82 54.1 44.8 67.2
119 33.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005103.D
Acq: 11 Jun 2021 03:16

Tgt Ion:152 Resp: 140349
Ion Ratio Lower Upper
152 100
115 58.6 29.9 89.7
150 156.8 0.0 347.8

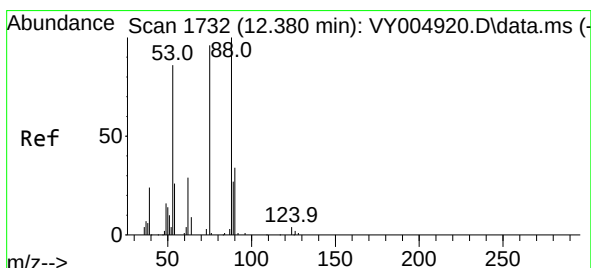
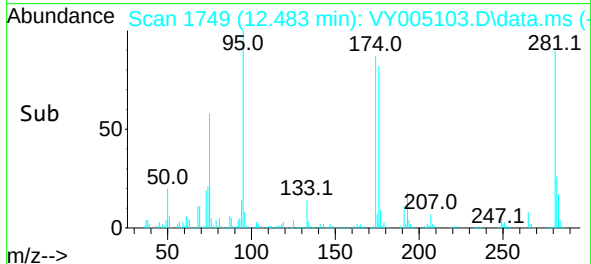
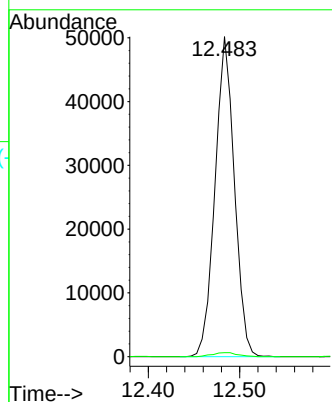
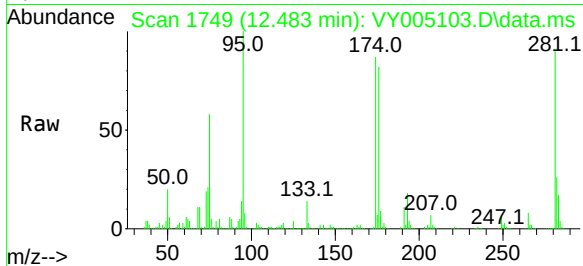




#76
1,2,3-Trichloropropane
Concen: 47.949 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005103.D
Acq: 11 Jun 2021 03:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 73769
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.119 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005103.D
Acq: 11 Jun 2021 03:16

Tgt Ion: 75 Resp: 73769
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 2.2 35.0 52.6#

