

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005064.D
 Acq On : 09 Jun 2021 22:06
 Operator : SY/MD
 Sample : M2666-07
 Misc : 6.92G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 10 02:46:02 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)

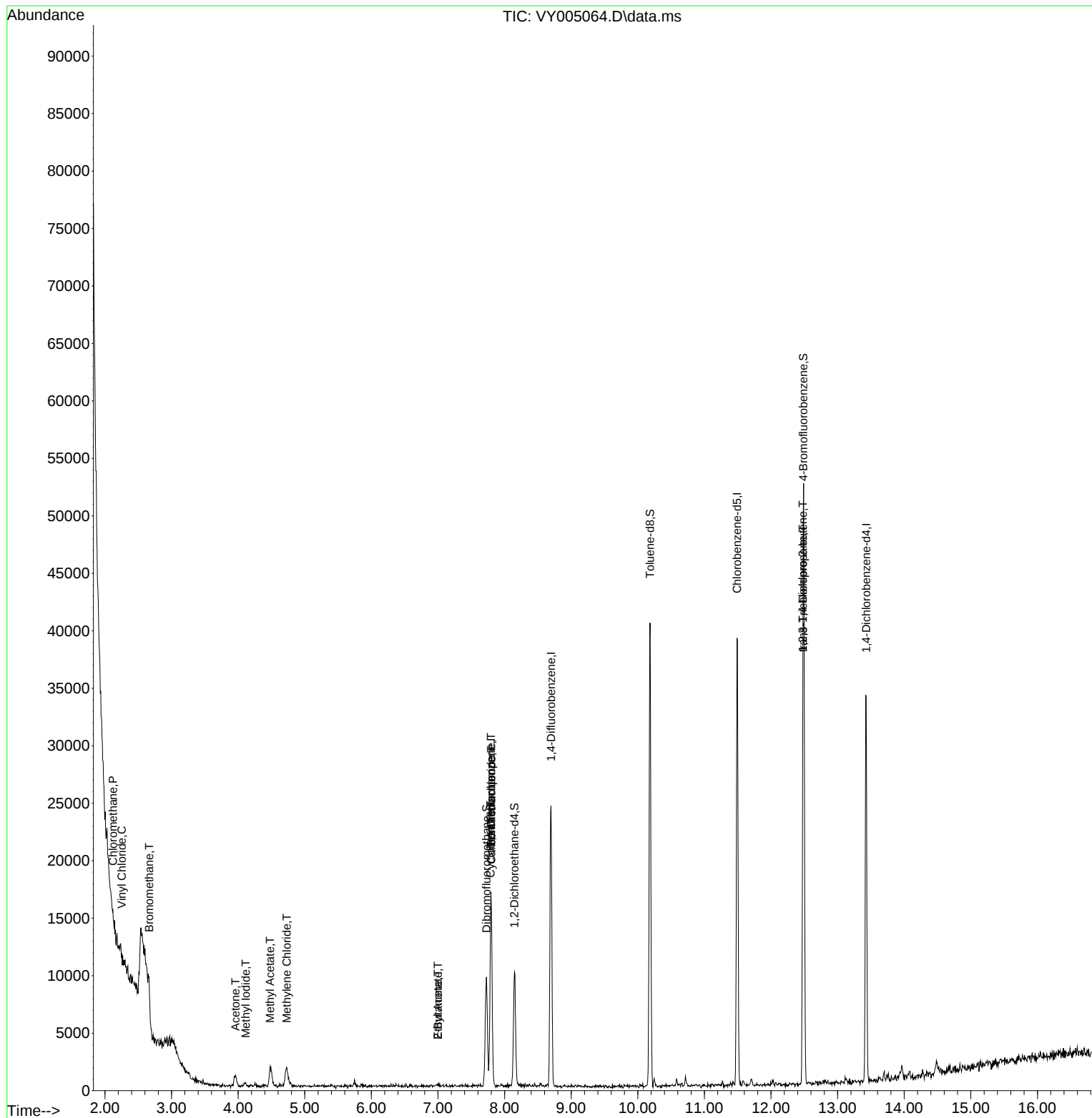
Internal Standards						
1) Pentafluorobenzene	7.795	168	12874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	21378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	21299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7936	58.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.620%	
35) Dibromofluoromethane	7.728	113	6833	59.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.820%	
50) Toluene-d8	10.185	98	26611	55.709	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.420%	
62) 4-Bromofluorobenzene	12.483	95	8271	50.347	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	476	2.982	ug/l #	81
4) Vinyl Chloride	2.253	62	378	2.461	ug/l #	43
5) Bromomethane	2.662	94	414	4.757	ug/l	92
10) Methyl Iodide	4.113	142	453	3.582	ug/l #	63
16) Acetone	3.960	43	1757	53.628	ug/l	93
18) Methyl Acetate	4.479	43	3437	32.736	ug/l	95
20) Methylene Chloride	4.729	84	1285	2.519	ug/l	93
25) 2-Butanone	6.996	43	360	6.535	ug/l #	49
31) Cyclohexane	7.789	56	247	1.031	ug/l #	63
36) 1,1-Dichloropropene	7.795	75	1070	5.114	ug/l #	41
37) Ethyl Acetate	6.996	43	360	2.616	ug/l #	70
38) Carbon Tetrachloride	7.801	117	1435	7.881	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	4586	47.807	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	4586	87.858	ug/l #	17

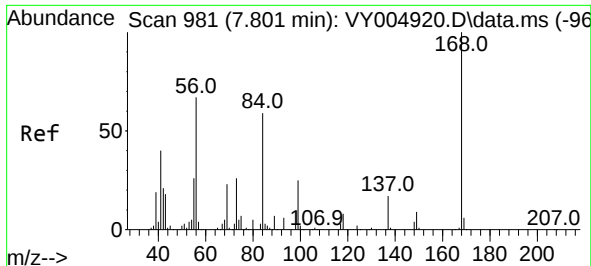
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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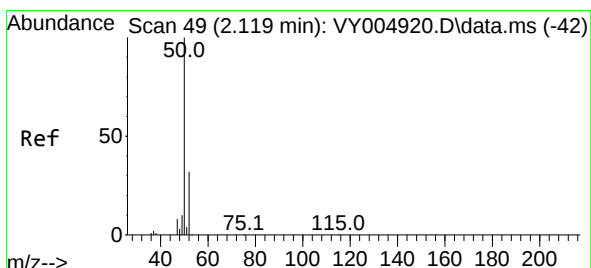
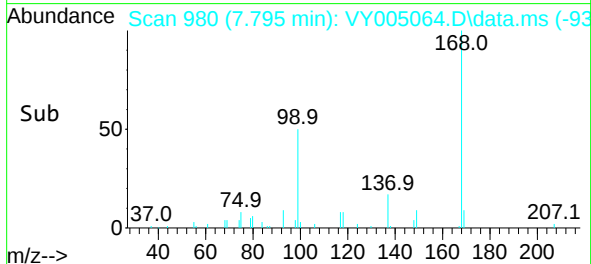
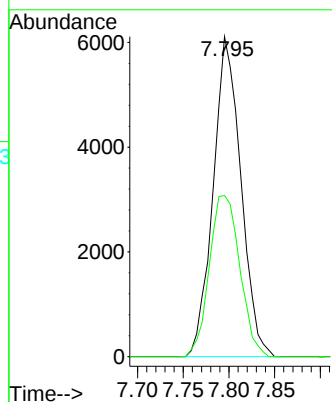
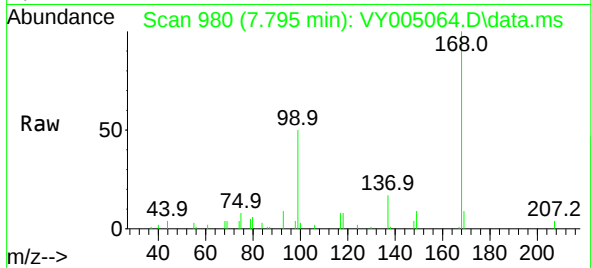




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005064.D
Acq: 09 Jun 2021 22:06

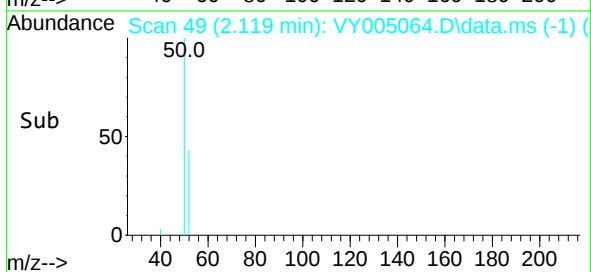
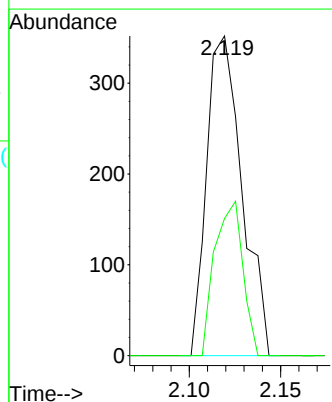
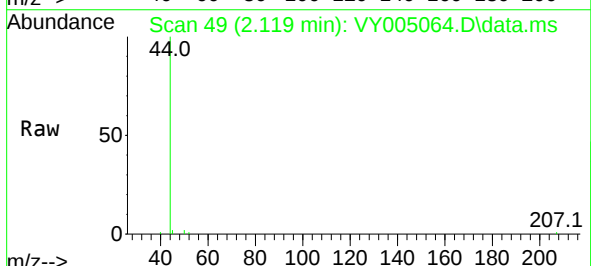
Instrument :
MSVOA_Y
ClientSampleId :

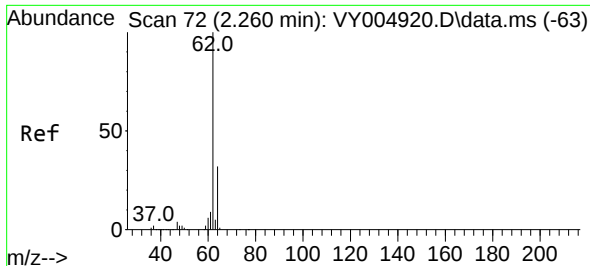
Tgt Ion:168 Resp: 12874
Ion Ratio Lower Upper
168 100
99 50.4 43.9 65.9



#3
Chloromethane
Concen: 2.982 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY005064.D
Acq: 09 Jun 2021 22:06

Tgt Ion: 50 Resp: 476
Ion Ratio Lower Upper
50 100
52 42.9 25.9 38.9#

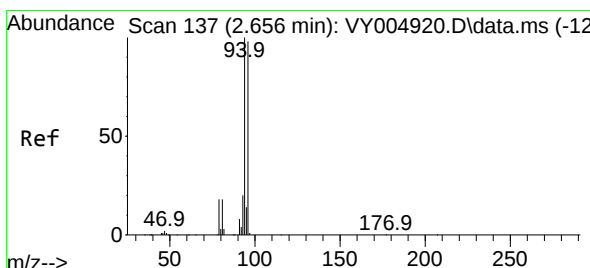
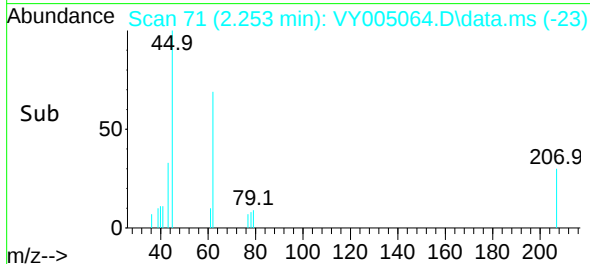
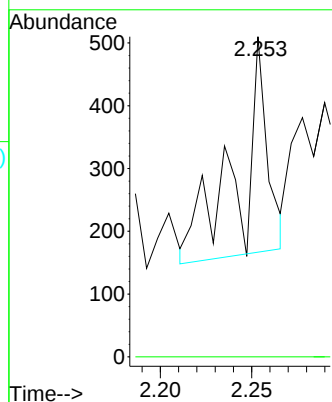
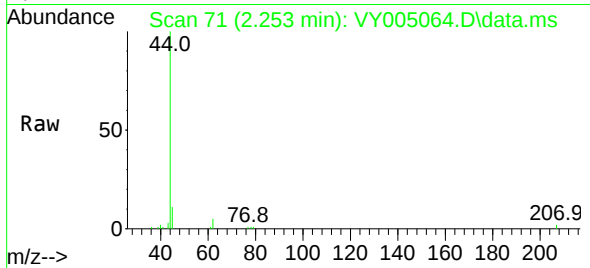




#4
 Vinyl Chloride
 Concen: 2.461 ug/l
 RT: 2.253 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VY005064.D
 Acq: 09 Jun 2021 22:06

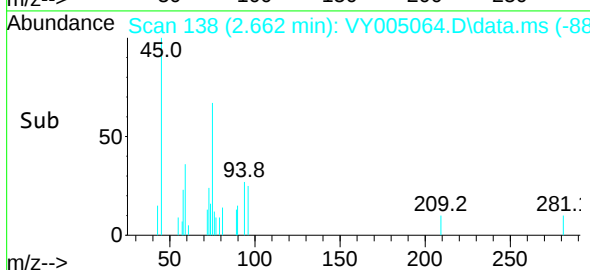
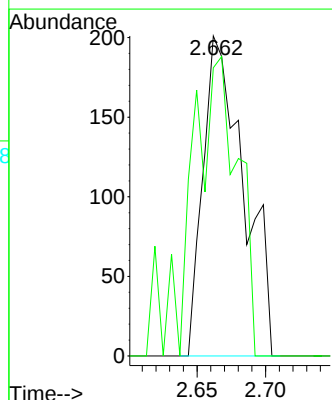
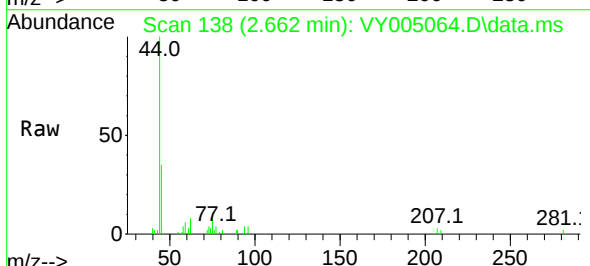
Instrument :
 MSVOA_Y
 ClientSampleId :

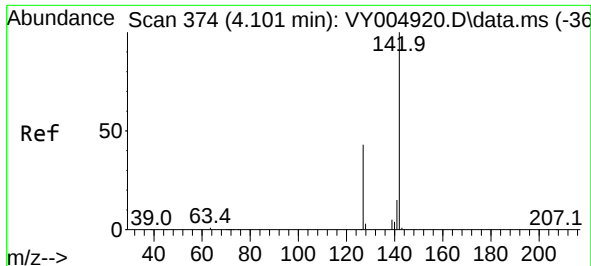
Tgt Ion: 62 Resp: 378
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#5
 Bromomethane
 Concen: 4.757 ug/l
 RT: 2.662 min Scan# 138
 Delta R.T. 0.006 min
 Lab File: VY005064.D
 Acq: 09 Jun 2021 22:06

Tgt Ion: 94 Resp: 414
 Ion Ratio Lower Upper
 94 100
 96 90.0 78.4 117.6





#10

Methyl Iodide

Concen: 3.582 ug/l

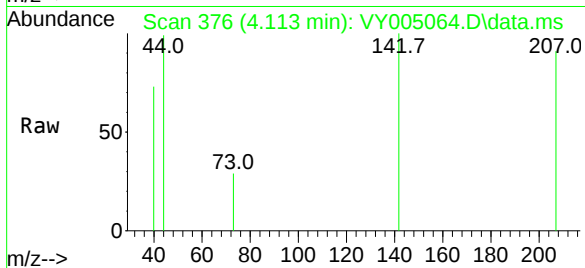
RT: 4.113 min Scan# 376

Delta R.T. 0.012 min

Lab File: VY005064.D

Acq: 09 Jun 2021 22:06

Instrument :
MSVOA_Y
ClientSampled :



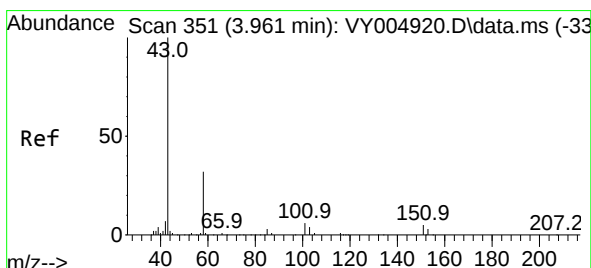
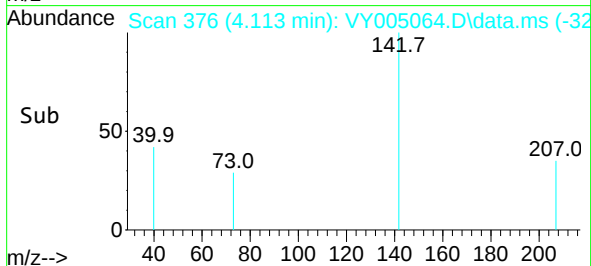
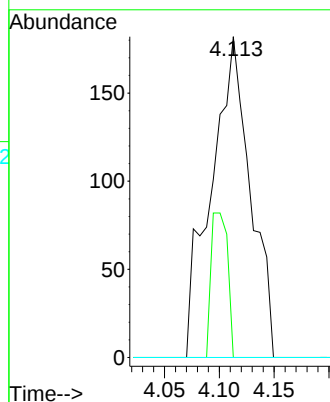
Tgt Ion:142 Resp: 453

Ion Ratio Lower Upper

142 100

127 19.0 34.4 51.6#

141 0.0 11.5 17.3#



#16

Acetone

Concen: 53.628 ug/l

RT: 3.960 min Scan# 351

Delta R.T. -0.000 min

Lab File: VY005064.D

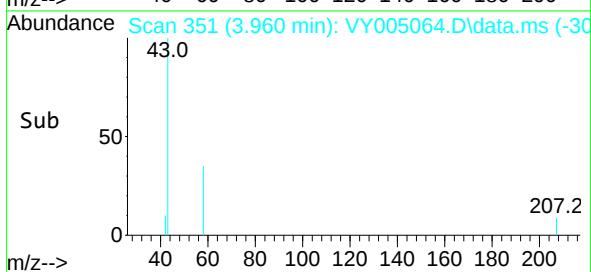
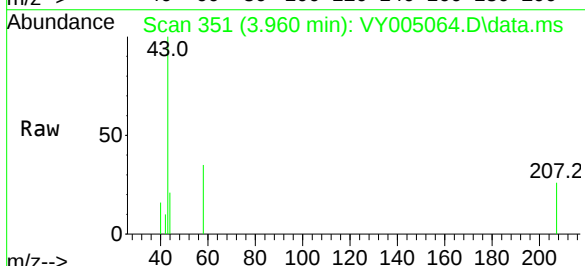
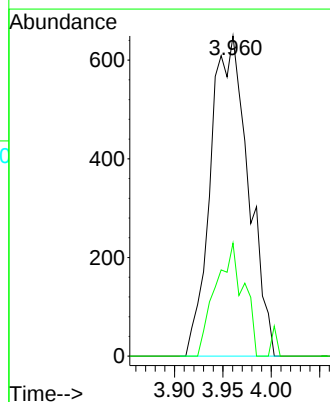
Acq: 09 Jun 2021 22:06

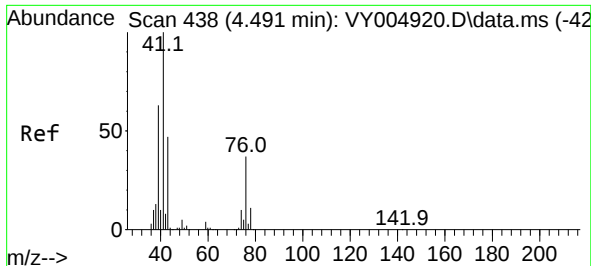
Tgt Ion: 43 Resp: 1757

Ion Ratio Lower Upper

43 100

58 35.3 25.3 37.9

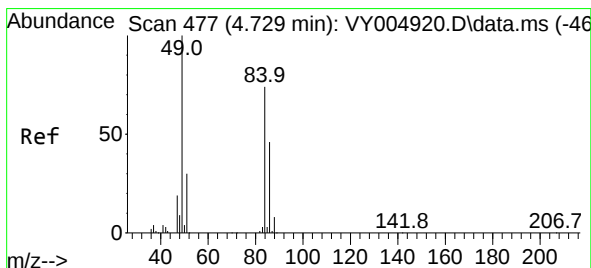
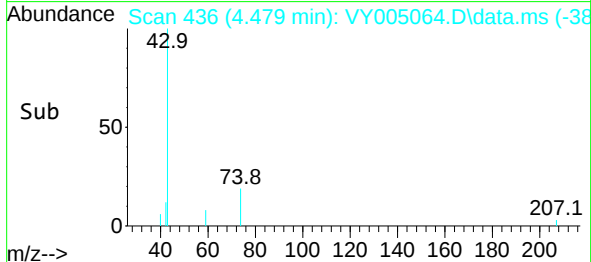
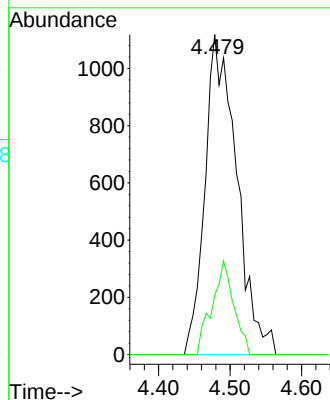
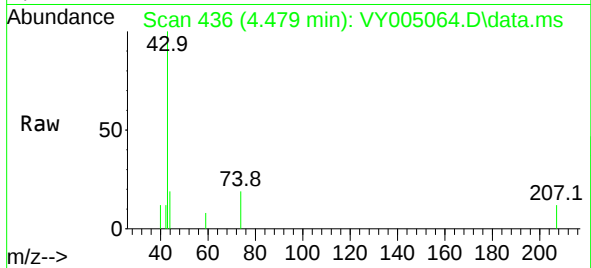




#18
Methyl Acetate
Concen: 32.736 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY005064.D
Acq: 09 Jun 2021 22:06

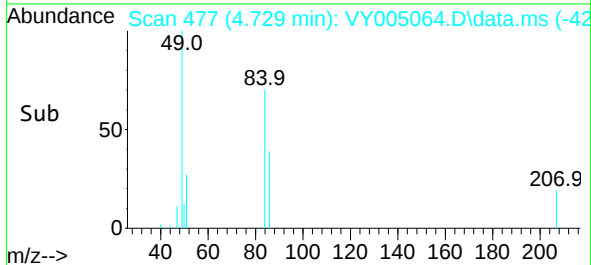
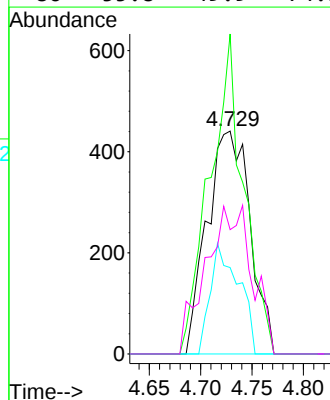
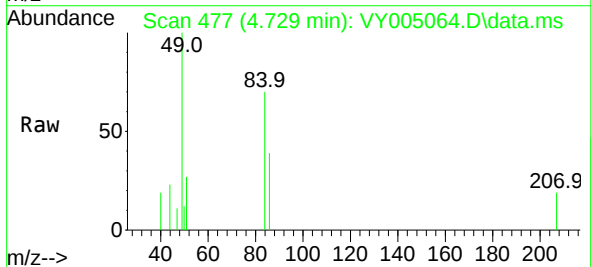
Instrument :
MSVOA_Y
ClientSampleId :

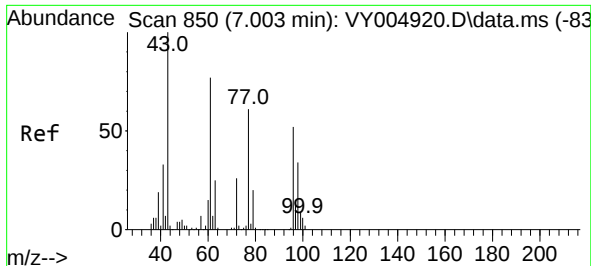
Tgt Ion: 43 Resp: 3437
Ion Ratio Lower Upper
43 100
74 20.1 18.0 27.0



#20
Methylene Chloride
Concen: 2.519 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005064.D
Acq: 09 Jun 2021 22:06

Tgt Ion: 84 Resp: 1285
Ion Ratio Lower Upper
84 100
49 143.5 108.0 162.0
51 38.8 32.6 48.8
86 55.8 49.9 74.9

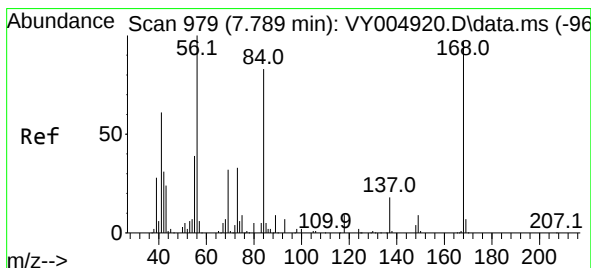
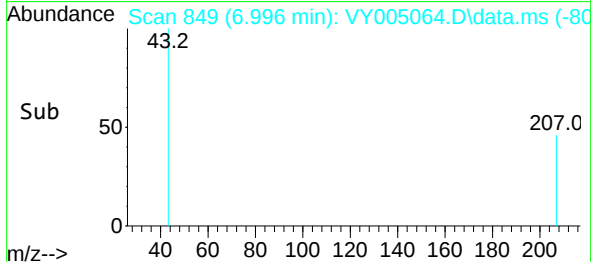
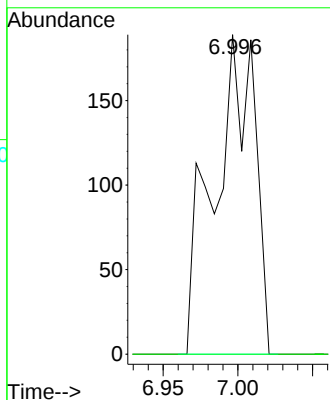
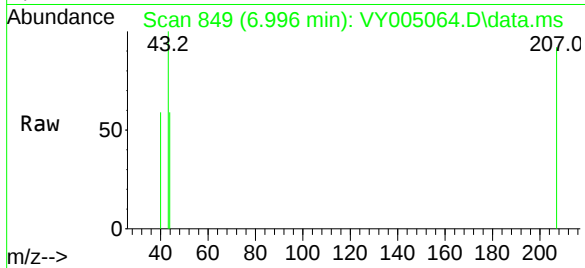




#25
2-Butanone
Concen: 6.535 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY005064.D
Acq: 09 Jun 2021 22:06

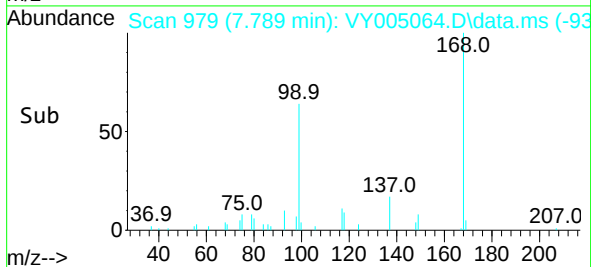
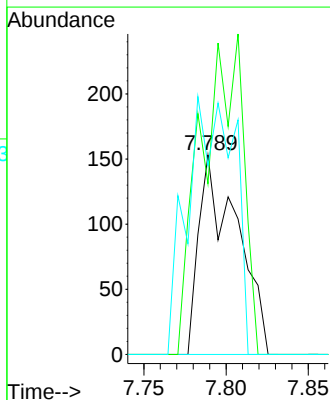
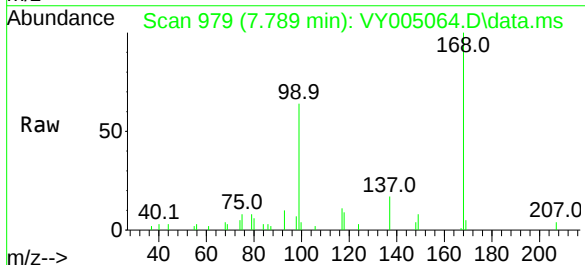
Instrument :
MSVOA_Y
ClientSampleId :

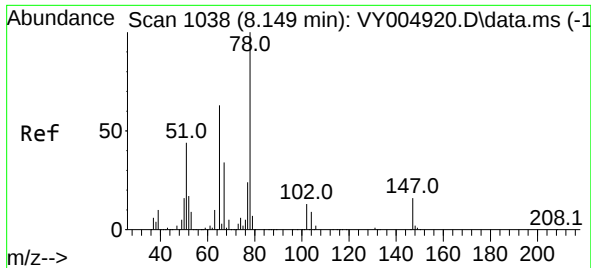
Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY005064.D
Acq: 09 Jun 2021 22:06

Tgt Ion: 56 Resp: 247
Ion Ratio Lower Upper
56 100
69 85.6 25.3 37.9#
84 94.8 66.2 99.4

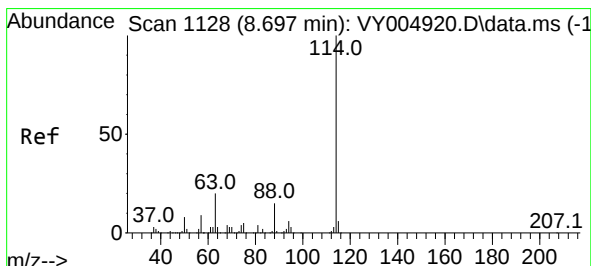
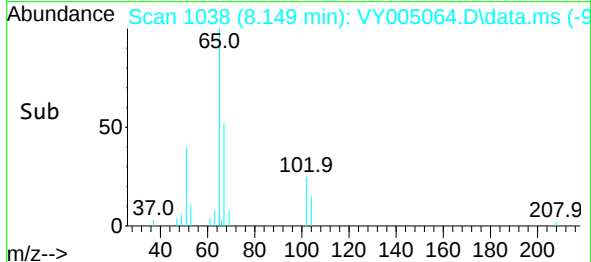
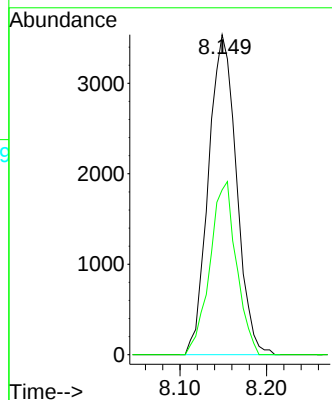
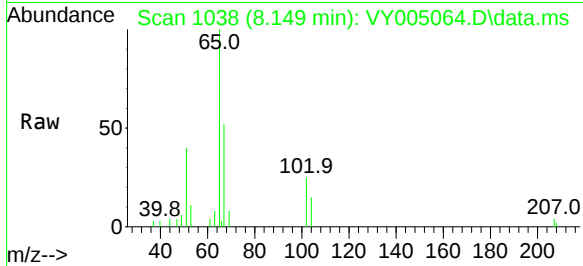




#33
 1,2-Dichloroethane-d4
 Concen: 58.310 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005064.D
 Acq: 09 Jun 2021 22:06

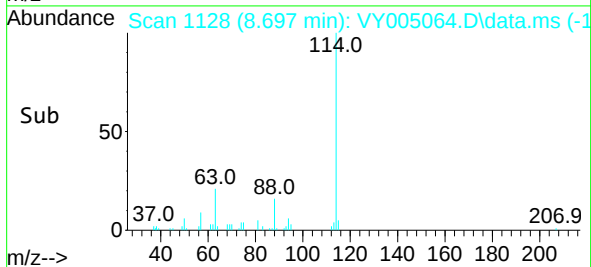
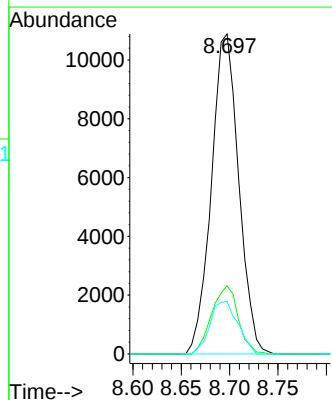
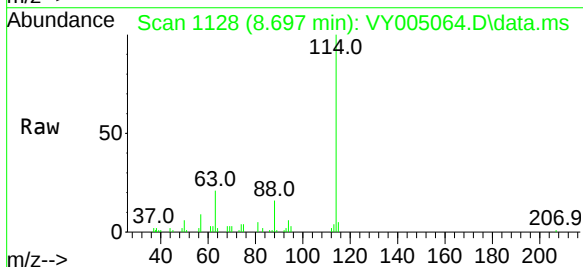
Instrument :
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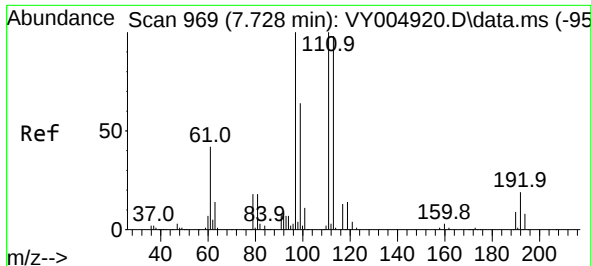
Tgt Ion: 65 Resp: 7936
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005064.D
 Acq: 09 Jun 2021 22:06

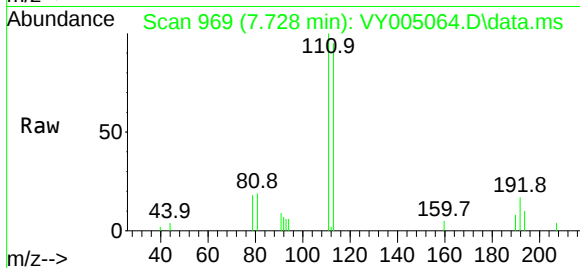
Tgt Ion: 114 Resp: 21378
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.0
 88 16.4 0.0 30.6



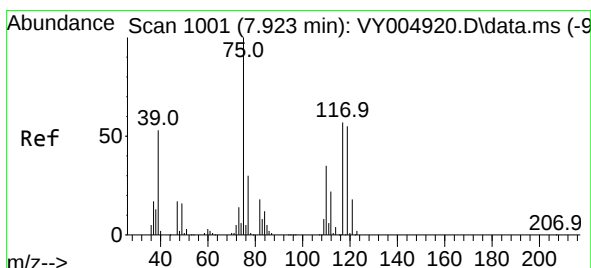
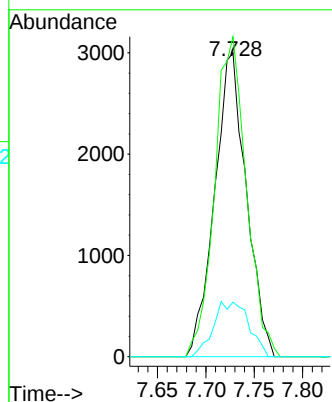
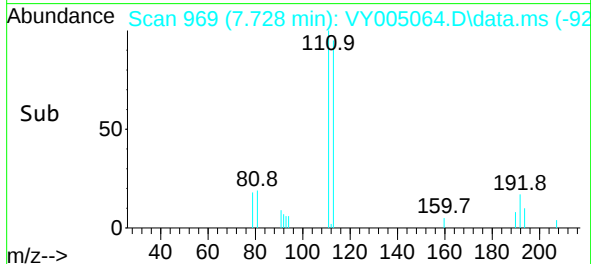


#35
Dibromofluoromethane
Concen: 59.409 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005064.D
Acq: 09 Jun 2021 22:06

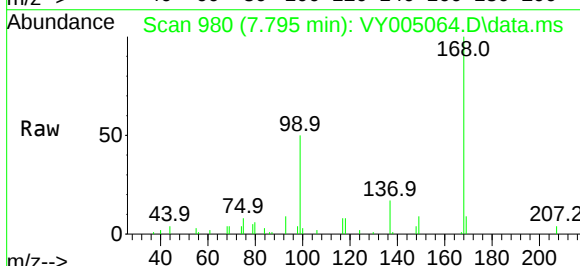
Instrument :
MSVOA_Y
ClientSampleId :



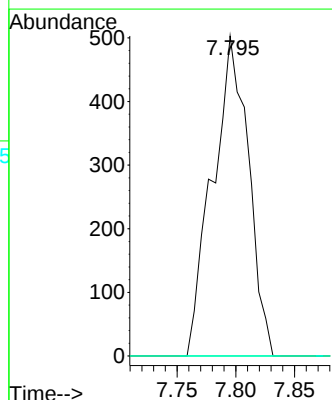
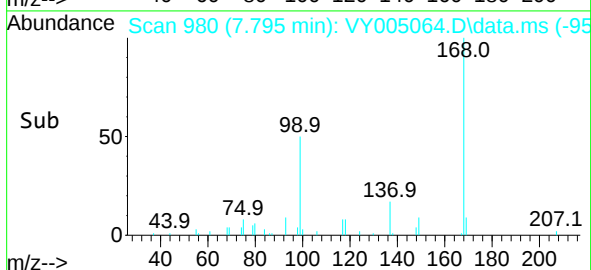
Tgt Ion:113 Resp: 6833
Ion Ratio Lower Upper
113 100
111 105.2 81.8 122.8
192 20.1 15.3 22.9

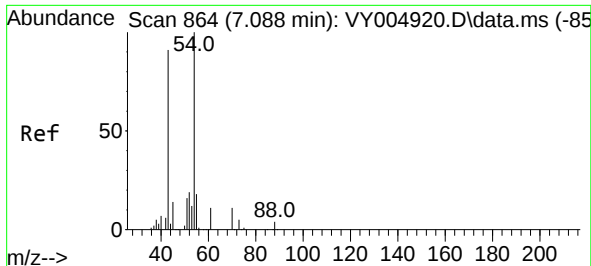


#36
1,1-Dichloropropene
Concen: 5.114 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005064.D
Acq: 09 Jun 2021 22:06



Tgt Ion: 75 Resp: 1070
Ion Ratio Lower Upper
75 100
110 0.0 17.5 52.5#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

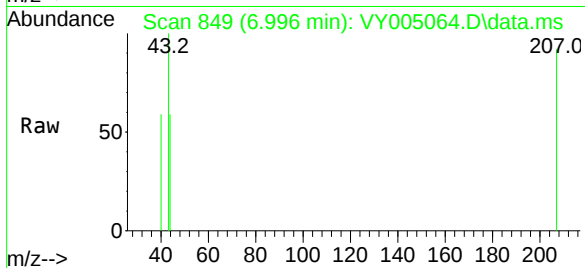
Concen: 2.616 ug/l

RT: 6.996 min Scan# 849

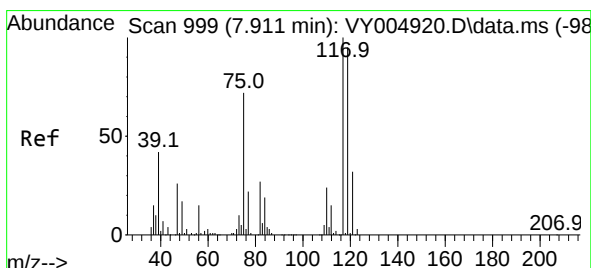
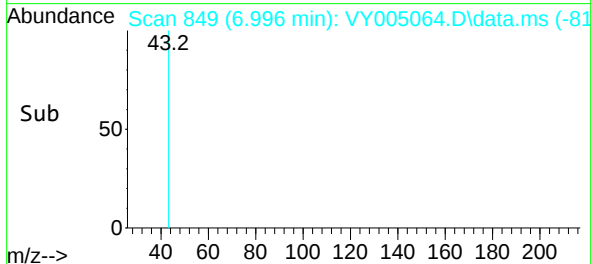
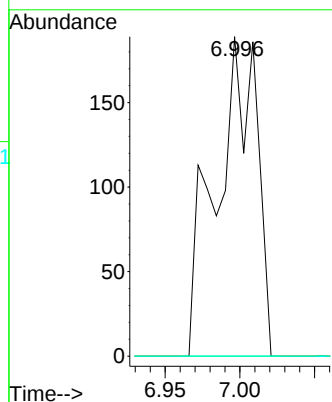
Delta R.T. -0.092 min

Lab File: VY005064.D

Acq: 09 Jun 2021 22:06



Tgt Ion: 43	Resp: 360
Ion Ratio	Lower Upper
43 100	
61 0.0	10.5 15.7#
70 0.0	7.9 11.9#



#38

Carbon Tetrachloride

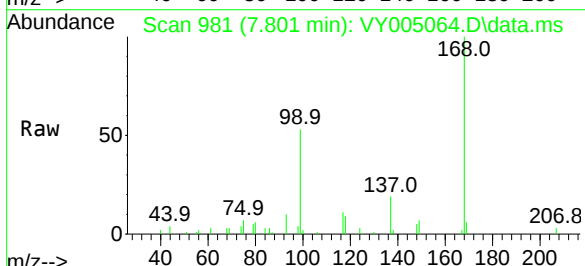
Concen: 7.881 ug/l

RT: 7.801 min Scan# 981

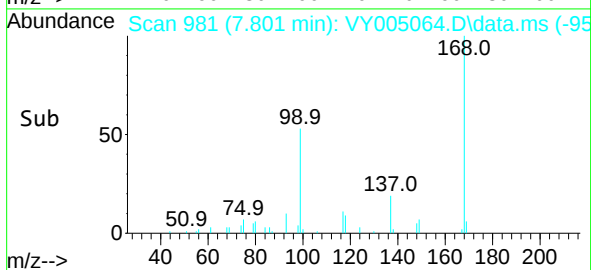
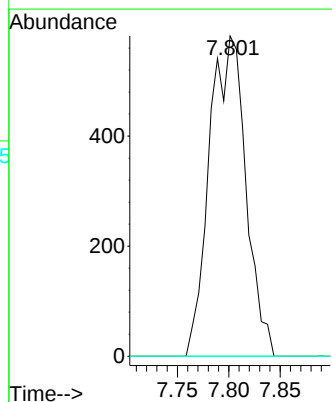
Delta R.T. -0.110 min

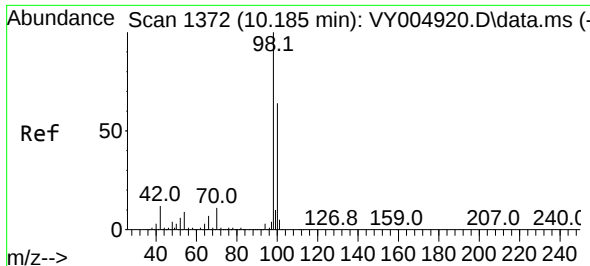
Lab File: VY005064.D

Acq: 09 Jun 2021 22:06



Tgt Ion: 117	Resp: 1435
Ion Ratio	Lower Upper
117 100	
119 0.0	76.1 114.1#
121 0.0	25.5 38.3#

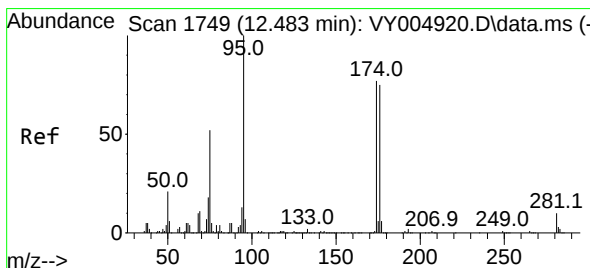
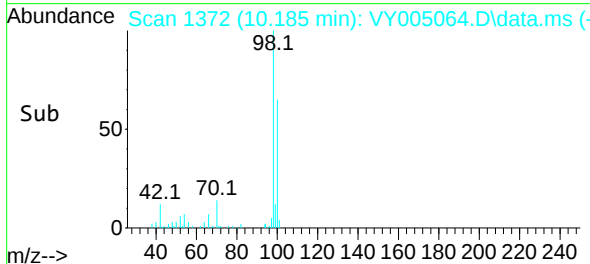
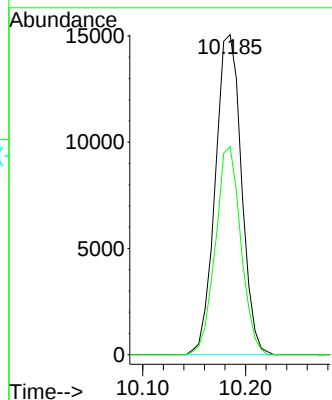
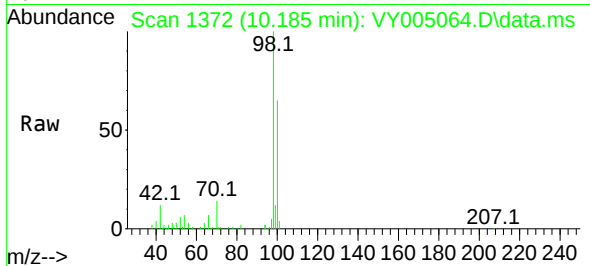




#50
Toluene-d8
Concen: 55.709 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005064.D
Acq: 09 Jun 2021 22:06

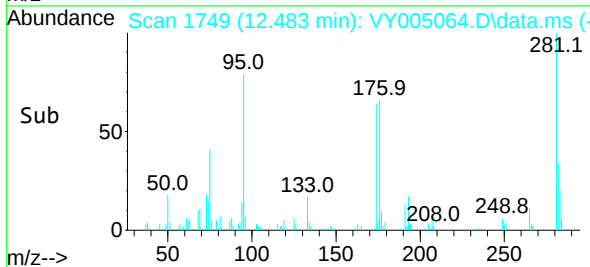
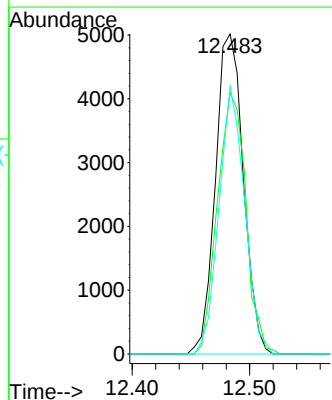
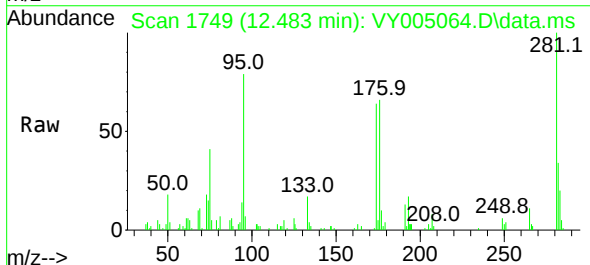
Instrument :
MSVOA_Y
ClientSampleId :

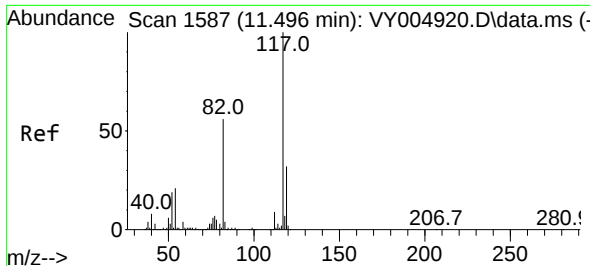
Tgt Ion: 98 Resp: 26611
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.347 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005064.D
Acq: 09 Jun 2021 22:06

Tgt Ion: 95 Resp: 8271
Ion Ratio Lower Upper
95 100
174 82.9 0.0 160.8
176 77.1 0.0 155.6

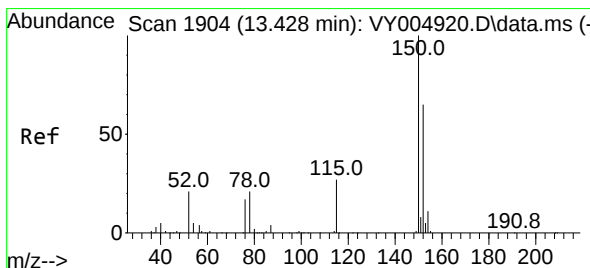
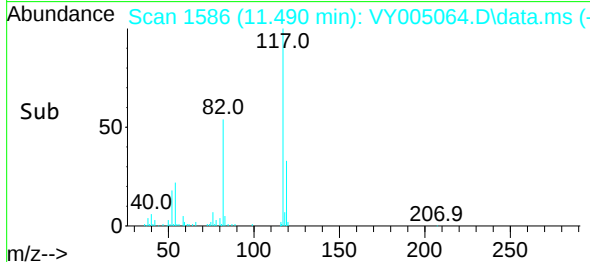
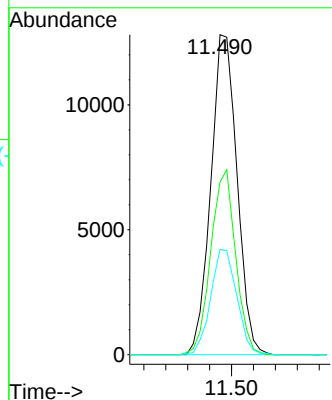
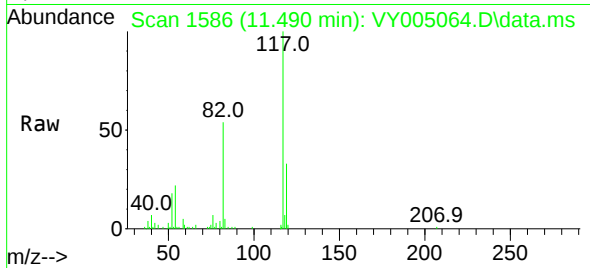




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005064.D
Acq: 09 Jun 2021 22:06

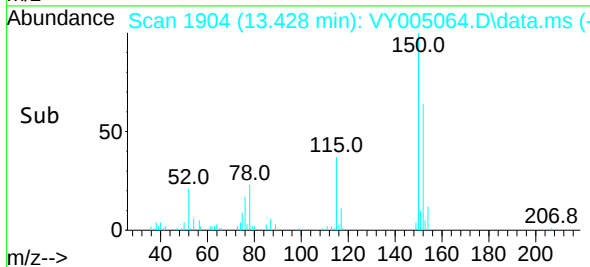
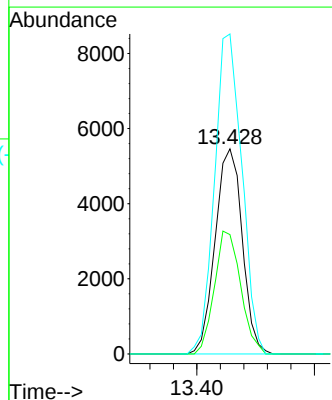
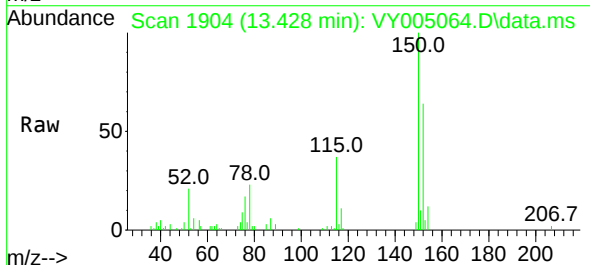
Instrument :
MSVOA_Y
ClientSampleId :

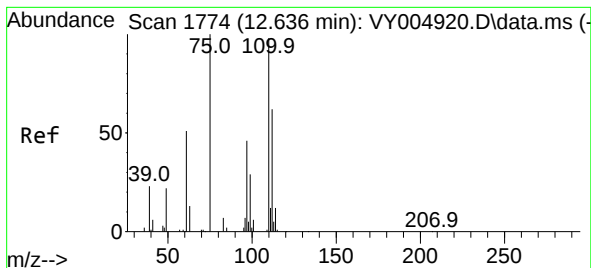
Tgt Ion:117 Resp: 21299
Ion Ratio Lower Upper
117 100
82 53.9 44.8 67.2
119 32.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005064.D
Acq: 09 Jun 2021 22:06

Tgt Ion:152 Resp: 8751
Ion Ratio Lower Upper
152 100
115 58.0 29.9 89.7
150 157.3 0.0 347.8

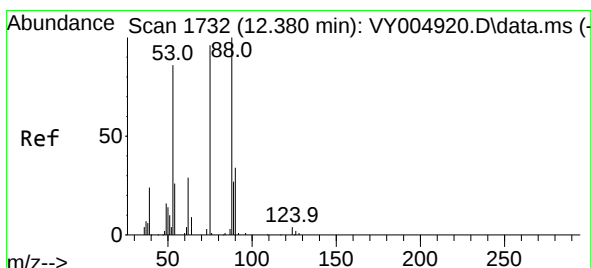
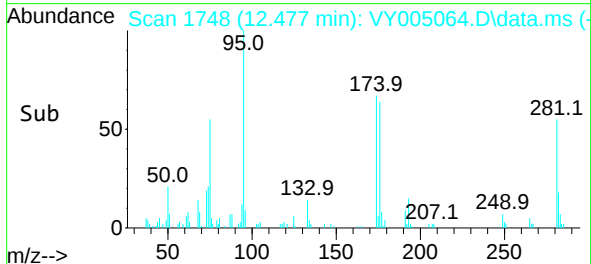
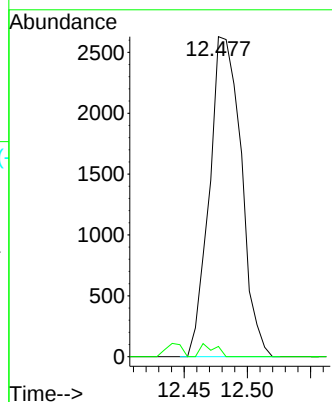
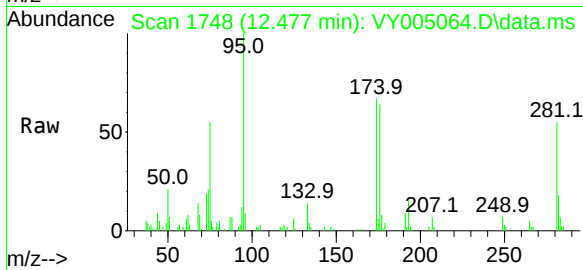




#76
1,2,3-Trichloropropane
Concen: 47.807 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY005064.D
Acq: 09 Jun 2021 22:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 4586
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.858 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY005064.D
Acq: 09 Jun 2021 22:06

Tgt Ion: 75 Resp: 4586
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 3.7 35.0 52.6#

