

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005263.D
 Acq On : 28 Jun 2021 20:38
 Operator : SY/MD
 Sample : M2889-05
 Misc : 5.96G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(17.5-18)

Quant Time: Jun 29 01:20:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

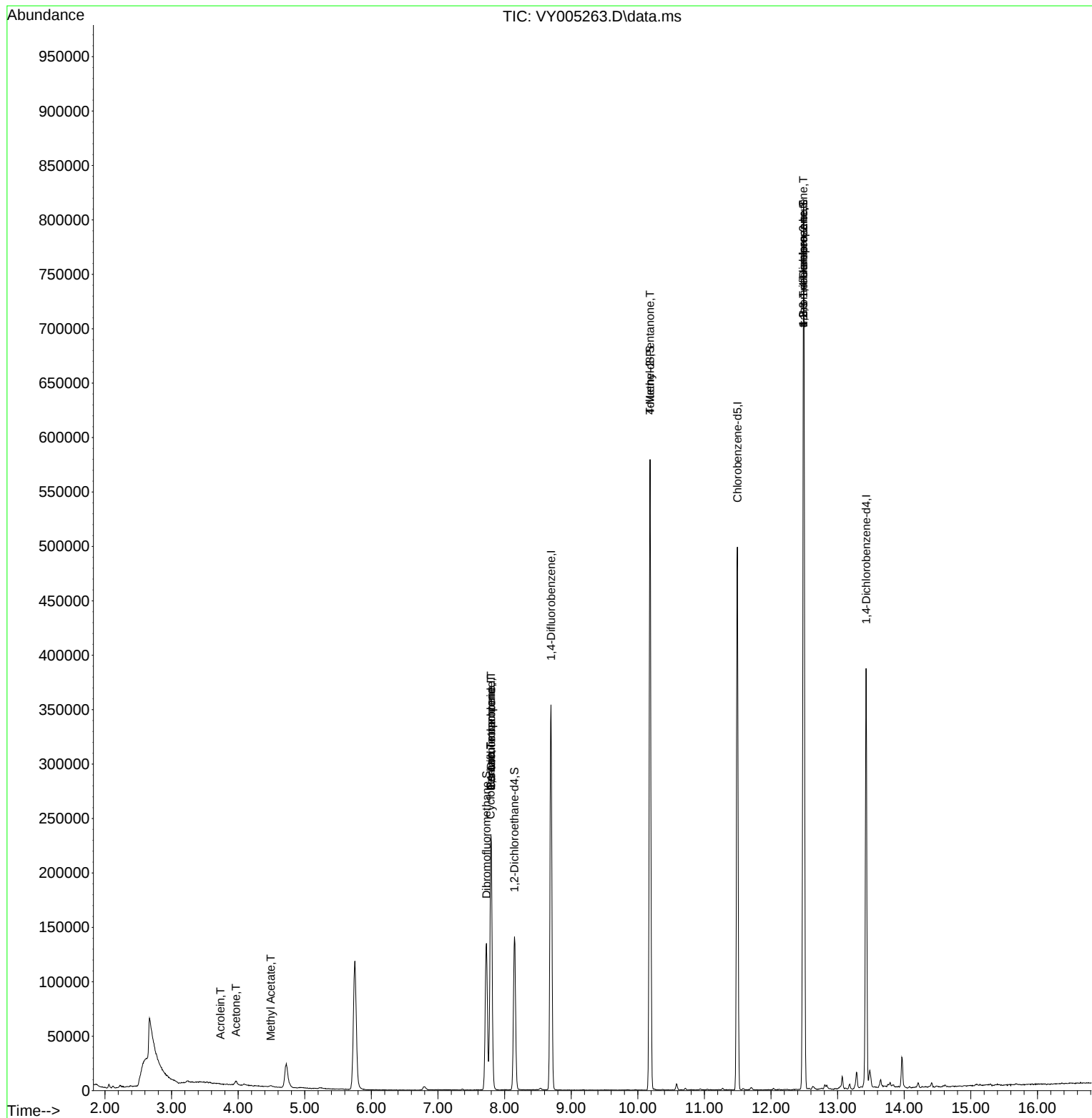
Internal Standards						
1) Pentafluorobenzene	7.795	168	207065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	319546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	276381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	111790	65.057	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.120%	
35) Dibromofluoromethane	7.728	113	95543	50.698	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.400%	
50) Toluene-d8	10.185	98	383879	50.936	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	12.483	95	108058	43.028	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	201	Below Cal	#	77
13) Acrolein	3.734	56	148	1.753	ug/l #	11
16) Acetone	3.966	43	4859	12.241	ug/l	98
18) Methyl Acetate	4.490	43	1847	1.751	ug/l #	73
20) Methylene Chloride	4.716	84	17178	Below Cal		96
31) Cyclohexane	7.789	56	4078	1.329	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	12856	4.569	ug/l #	47
38) Carbon Tetrachloride	7.795	117	17439	5.921	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1470	1.053	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	57260	62.917	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57260	117.390	ug/l #	18

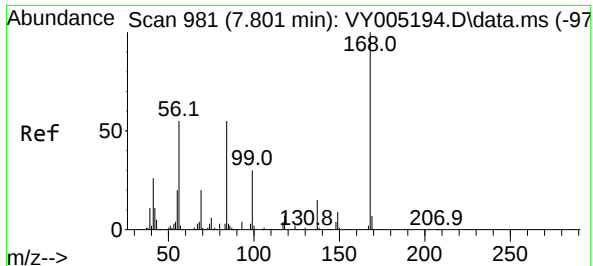
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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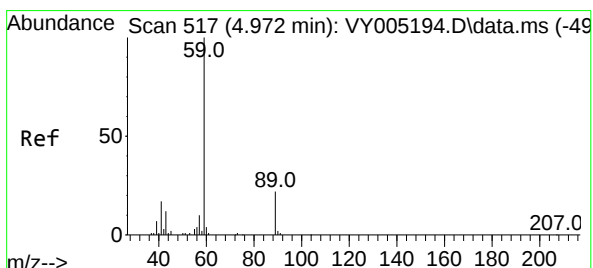
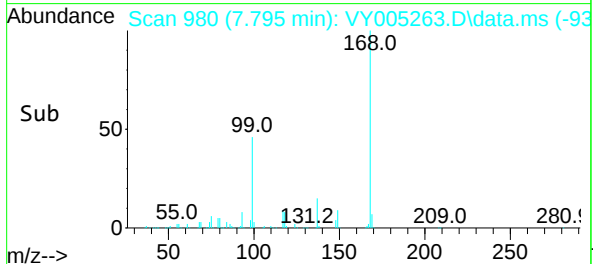
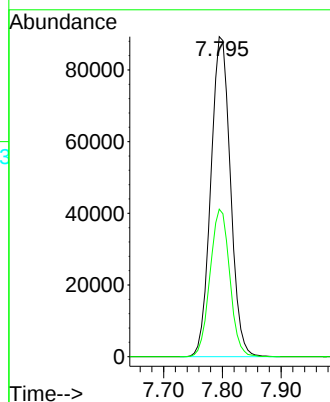
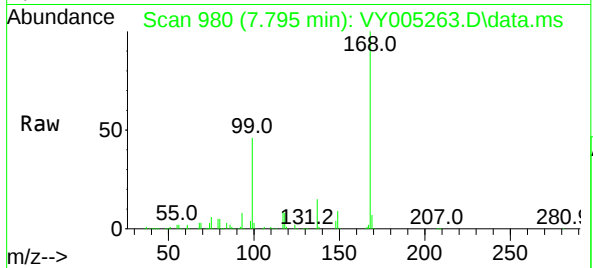




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005263.D
Acq: 28 Jun 2021 20:38

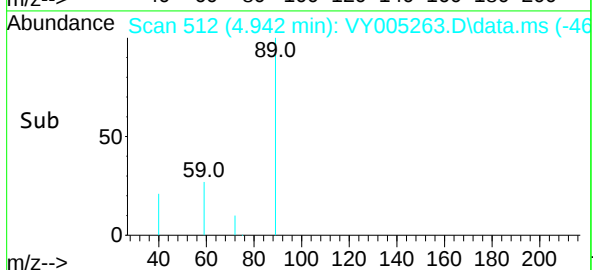
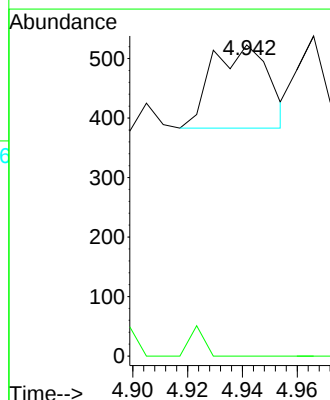
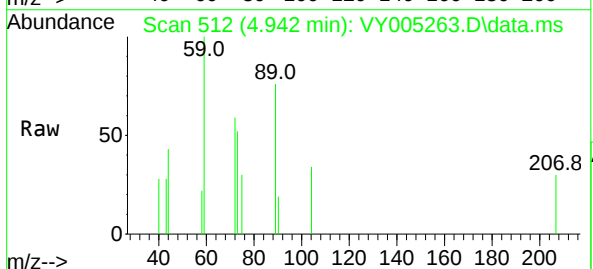
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(17.5-18)

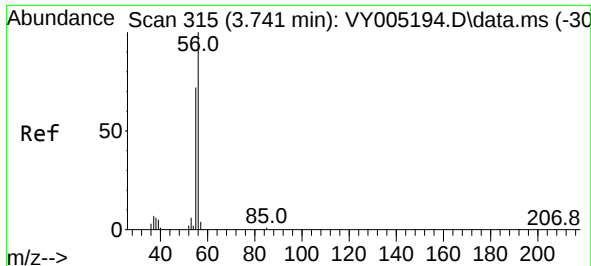
Tgt Ion:168 Resp: 207065
Ion Ratio Lower Upper
168 100
99 46.1 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY005263.D
Acq: 28 Jun 2021 20:38

Tgt Ion: 59 Resp: 201
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

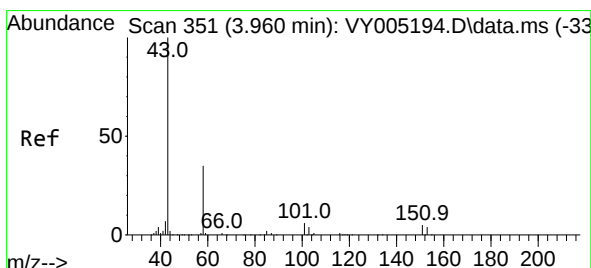
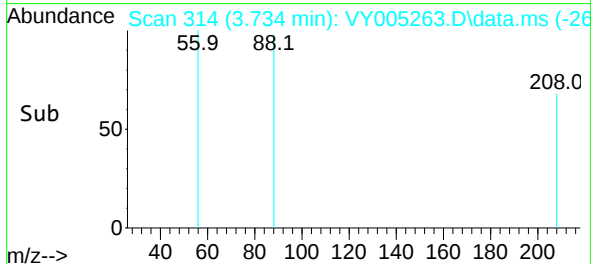
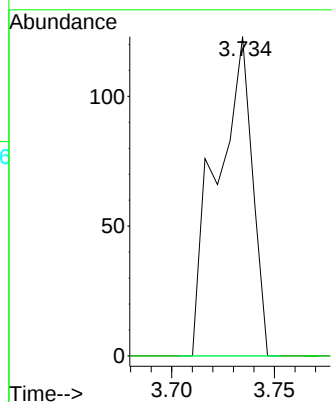
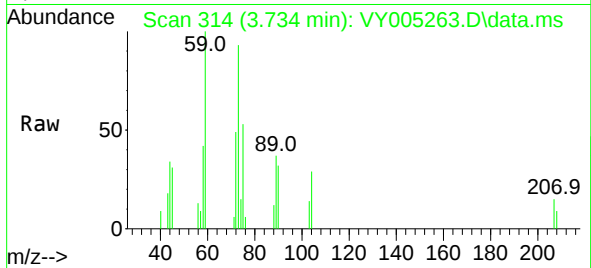




#13
Acrolein
Concen: 1.753 ug/l
RT: 3.734 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY005263.D
Acq: 28 Jun 2021 20:38

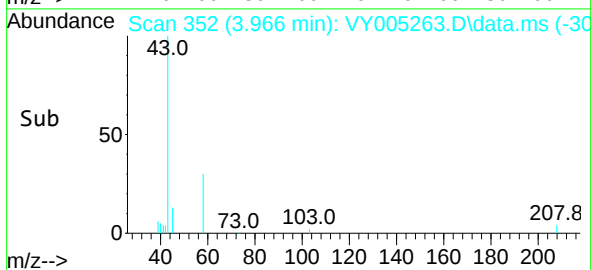
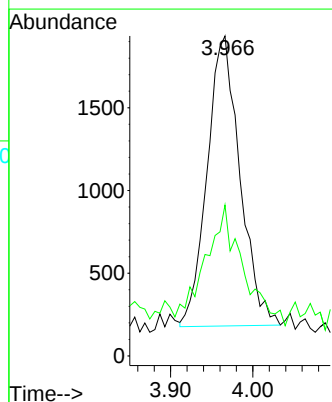
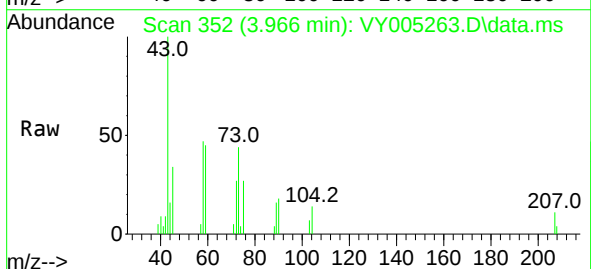
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(17.5-18)

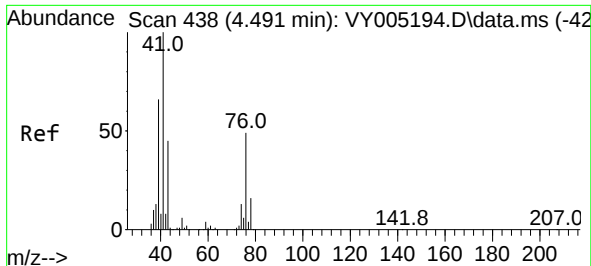
Tgt Ion: 56 Resp: 148
Ion Ratio Lower Upper
56 100
55 0.0 61.0 91.6#



#16
Acetone
Concen: 12.241 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005263.D
Acq: 28 Jun 2021 20:38

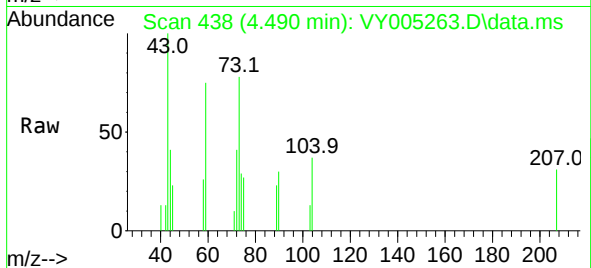
Tgt Ion: 43 Resp: 4859
Ion Ratio Lower Upper
43 100
58 36.3 28.2 42.2



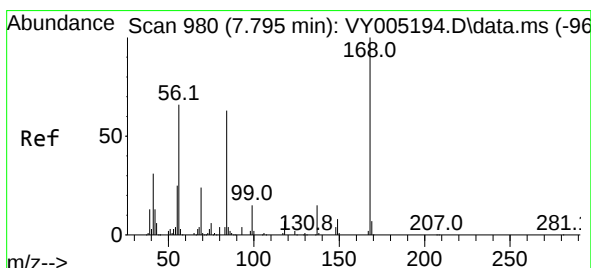
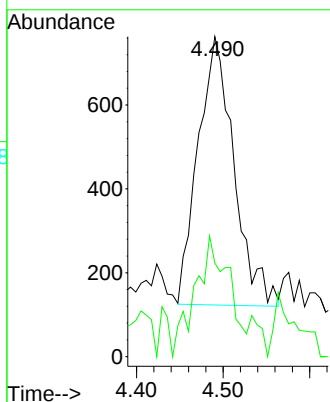
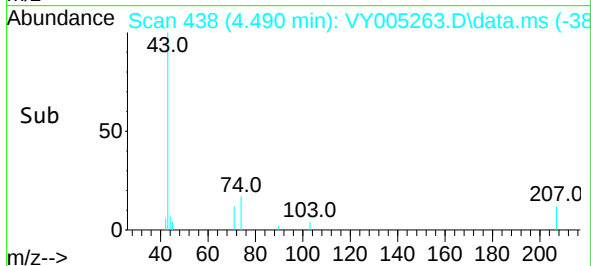


#18
Methyl Acetate
Concen: 1.751 ug/l
RT: 4.490 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY005263.D
Acq: 28 Jun 2021 20:38

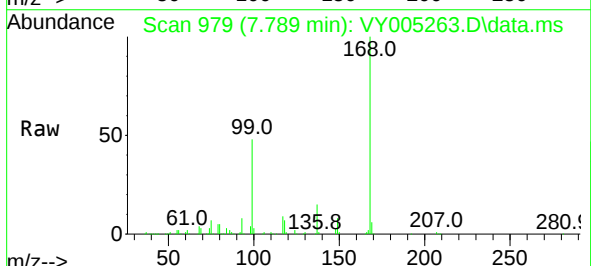
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(17.5-18)



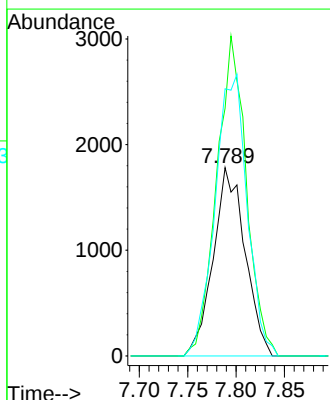
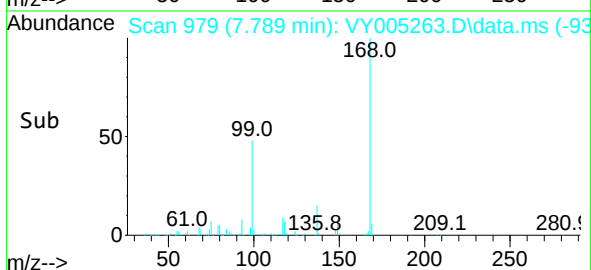
Tgt Ion: 43 Resp: 1847
Ion Ratio Lower Upper
43 100
74 42.3 22.5 33.7#

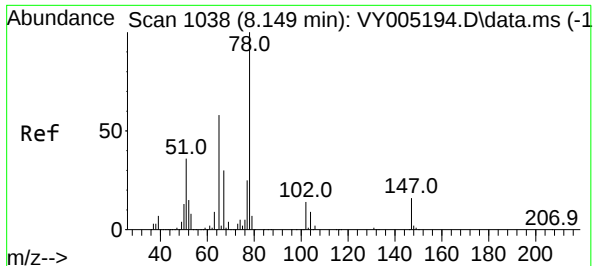


#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005263.D
Acq: 28 Jun 2021 20:38



Tgt Ion: 56 Resp: 4078
Ion Ratio Lower Upper
56 100
69 131.5 29.6 44.4#
84 141.9 76.4 114.6#

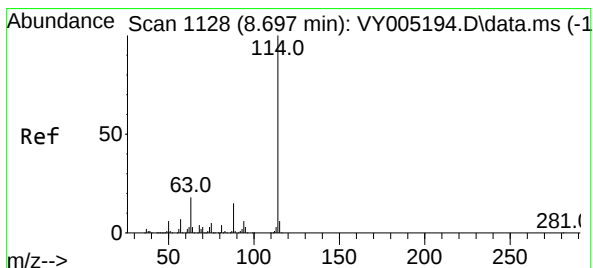
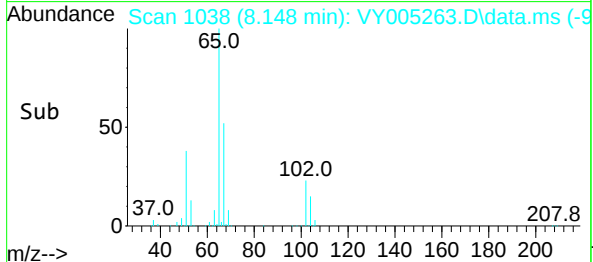
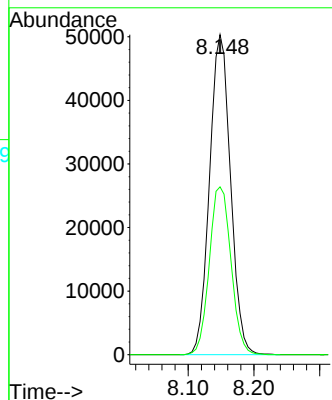
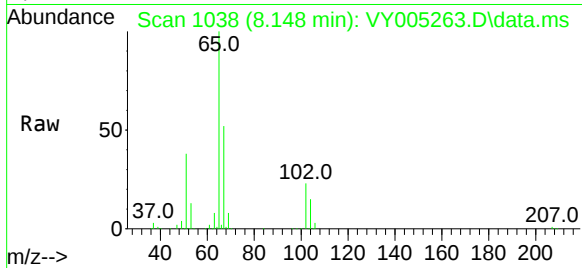




#33
 1,2-Dichloroethane-d4
 Concen: 65.057 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005263.D
 Acq: 28 Jun 2021 20:38

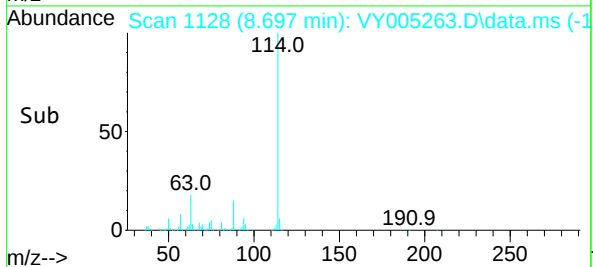
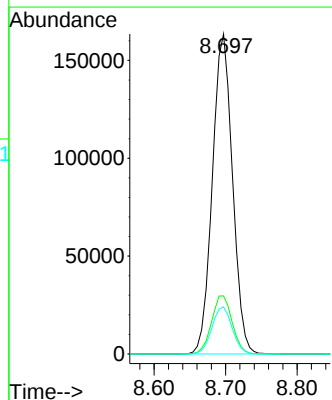
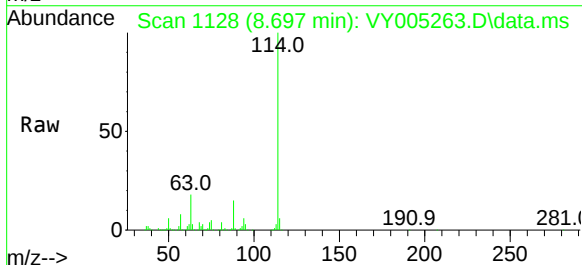
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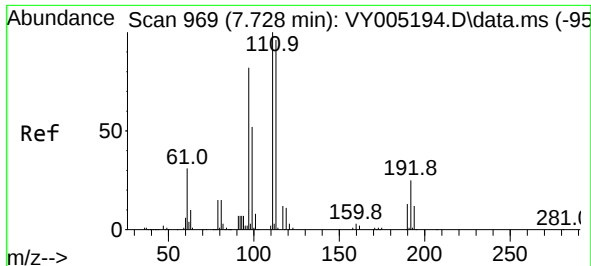
Tgt Ion: 65 Resp: 111790
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005263.D
 Acq: 28 Jun 2021 20:38

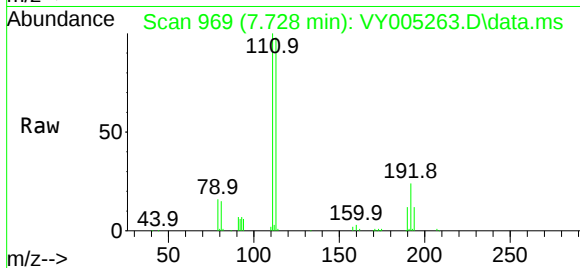
Tgt Ion: 114 Resp: 319546
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.2
 88 14.7 0.0 29.4



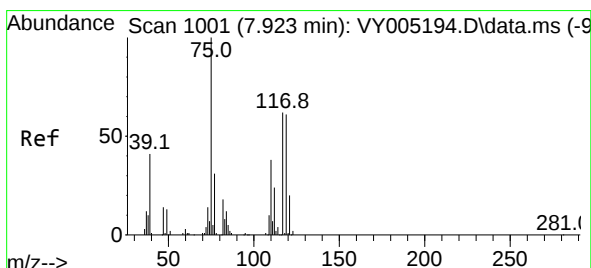
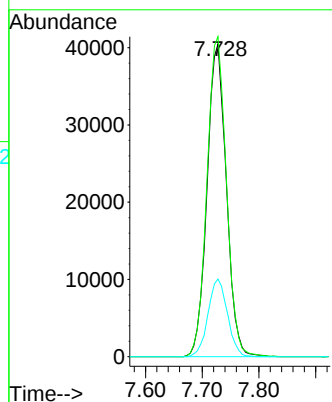
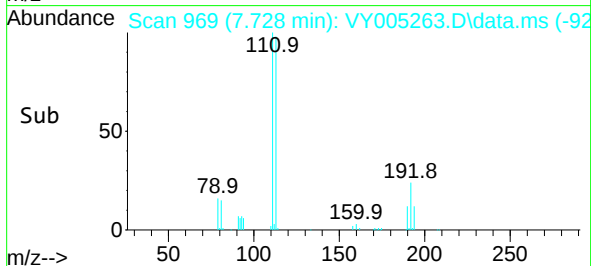


#35
Dibromofluoromethane
Concen: 50.698 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005263.D
Acq: 28 Jun 2021 20:38

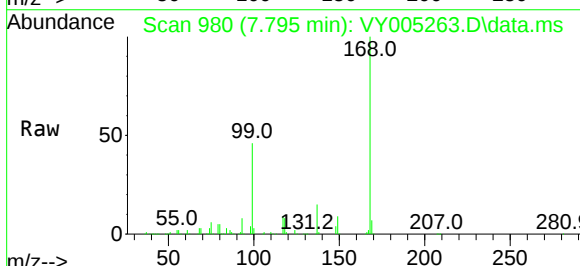
Instrument :
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ClientSampleId :
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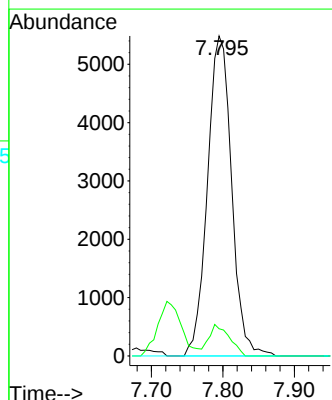
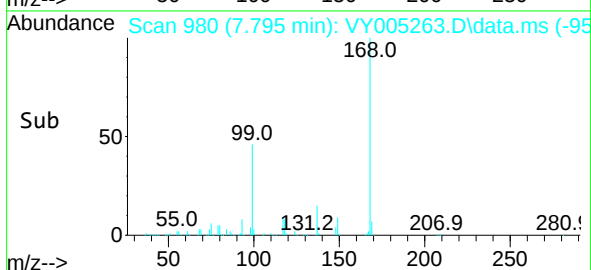
Tgt Ion:113 Resp: 95543
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 25.0 20.2 30.2

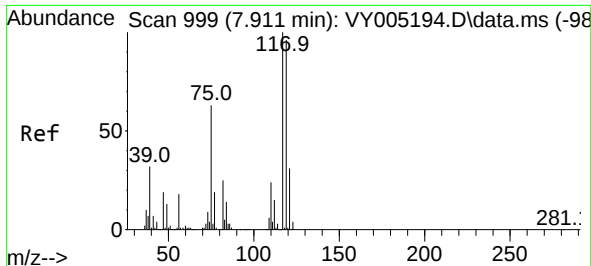


#36
1,1-Dichloropropene
Concen: 4.569 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005263.D
Acq: 28 Jun 2021 20:38



Tgt Ion: 75 Resp: 12856
Ion Ratio Lower Upper
75 100
110 8.2 19.1 57.5#
77 0.0 25.2 37.8#

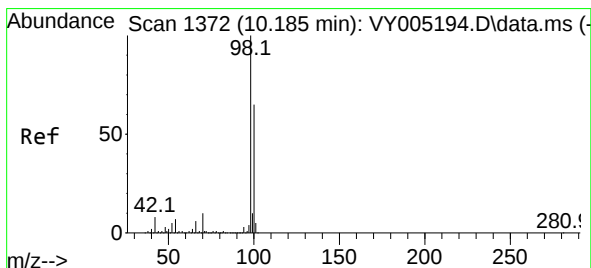
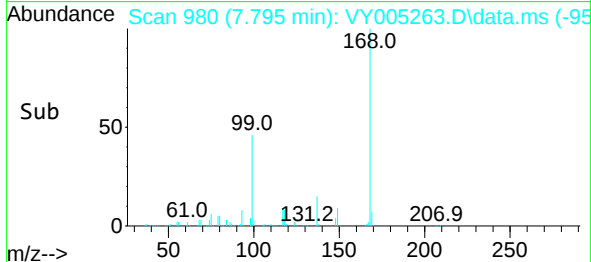
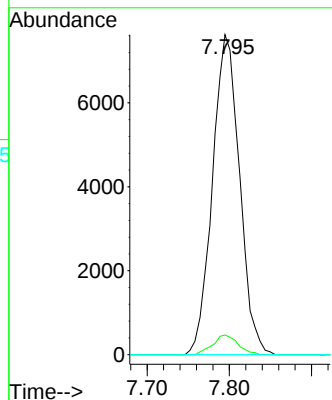
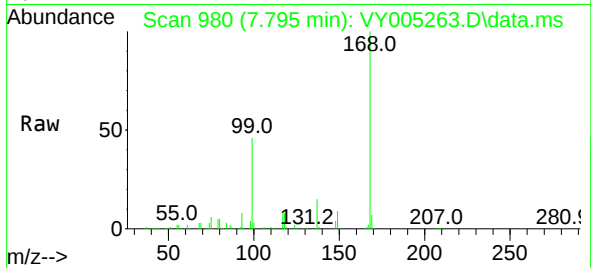




#38
Carbon Tetrachloride
Concen: 5.921 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005263.D
Acq: 28 Jun 2021 20:38

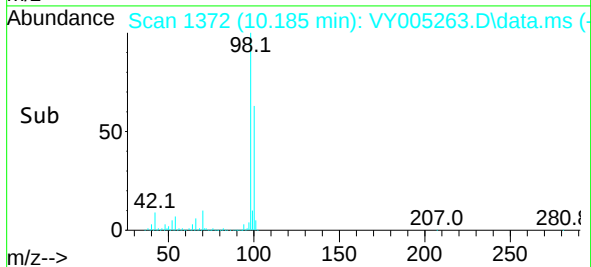
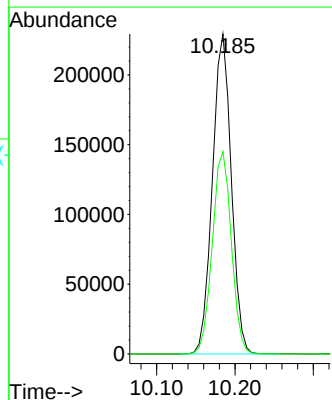
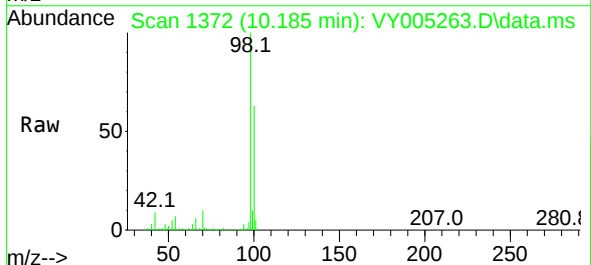
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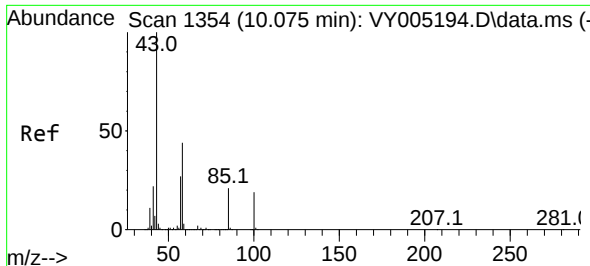
Tgt Ion:117 Resp: 17439
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.936 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005263.D
Acq: 28 Jun 2021 20:38

Tgt Ion: 98 Resp: 383879
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

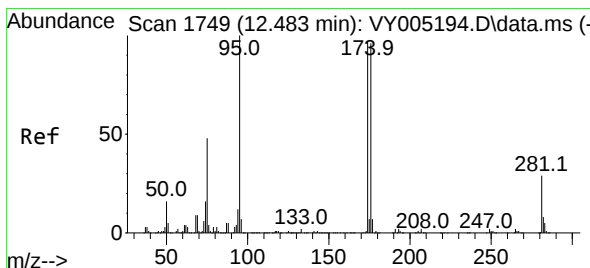
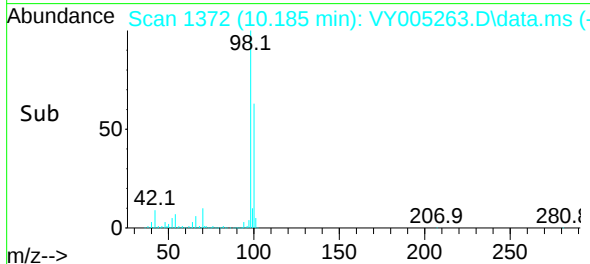
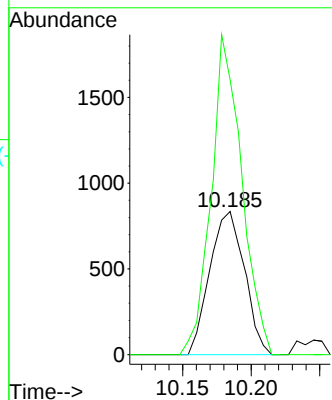
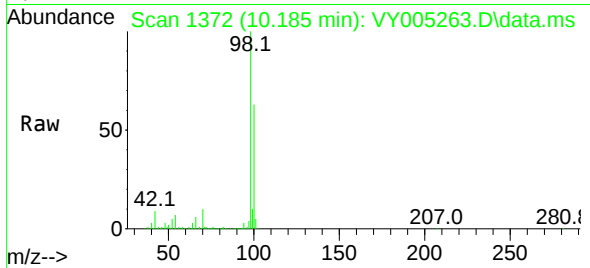




#51
4-Methyl-2-Pentanone
Concen: 1.053 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.109 min
Lab File: VY005263.D
Acq: 28 Jun 2021 20:38

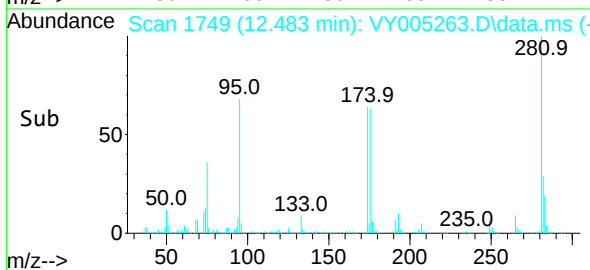
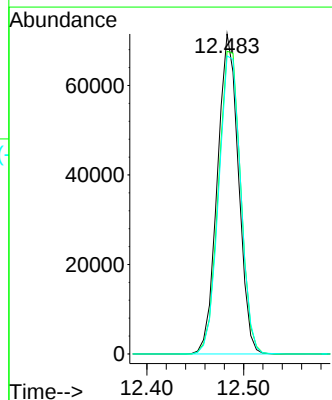
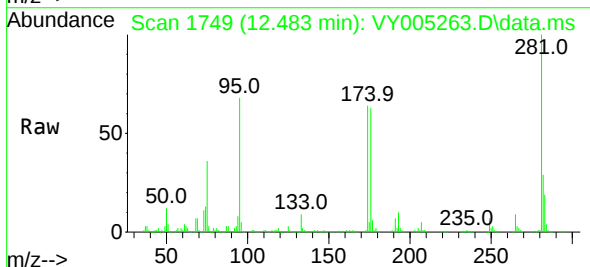
Instrument :
MSVOA_Y
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SB-5(17.5-18)

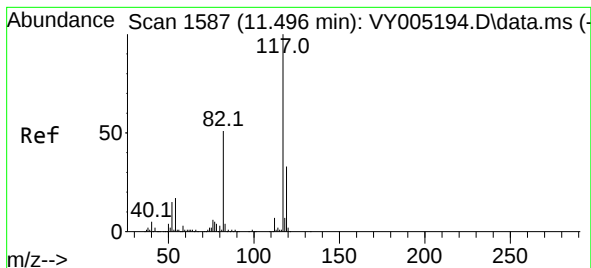
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
58 197.0 35.3 52.9#



#62
4-Bromofluorobenzene
Concen: 43.028 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005263.D
Acq: 28 Jun 2021 20:38

Tgt Ion: 95 Resp: 108058
Ion Ratio Lower Upper
95 100
174 99.0 0.0 201.6
176 96.9 0.0 197.4

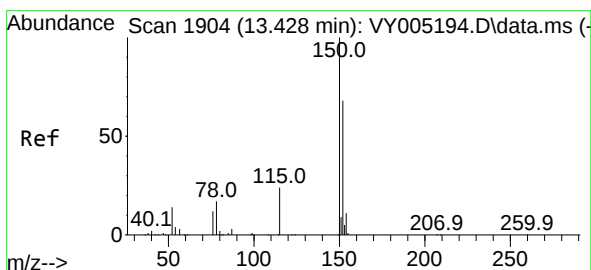
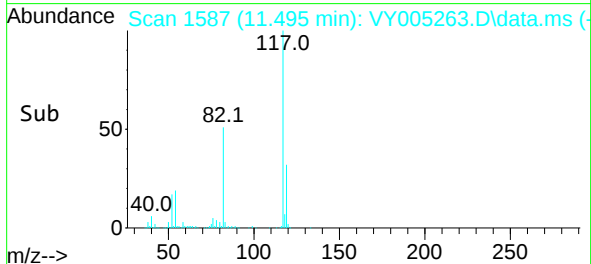
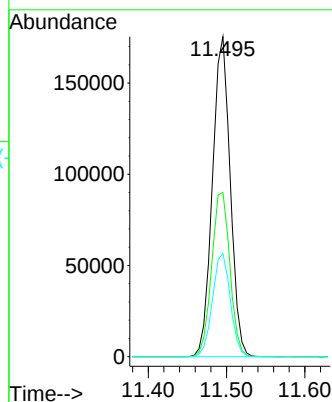
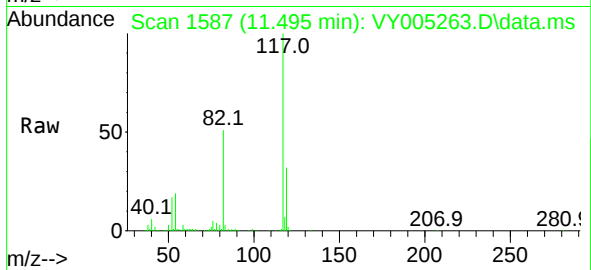




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005263.D
Acq: 28 Jun 2021 20:38

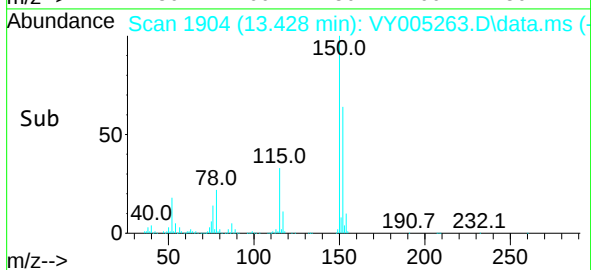
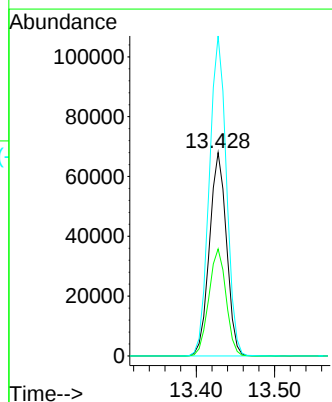
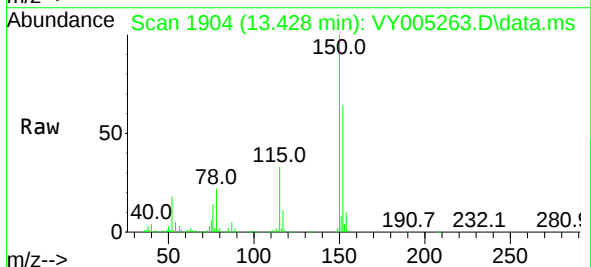
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(17.5-18)

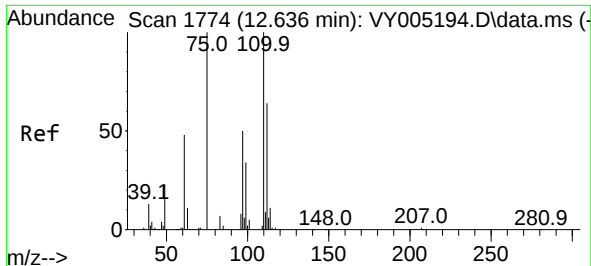
Tgt Ion:117 Resp: 276381
Ion Ratio Lower Upper
117 100
82 51.4 40.6 60.8
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005263.D
Acq: 28 Jun 2021 20:38

Tgt Ion:152 Resp: 102615
Ion Ratio Lower Upper
152 100
115 53.0 26.3 78.8
150 158.1 0.0 344.2

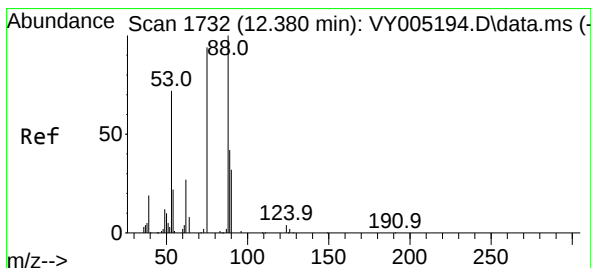
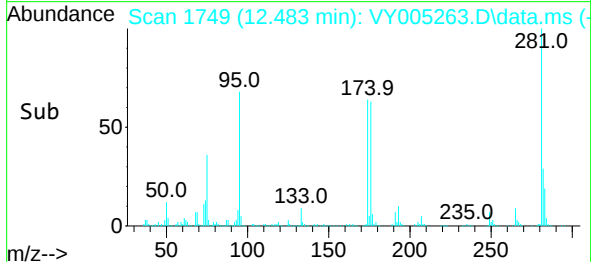
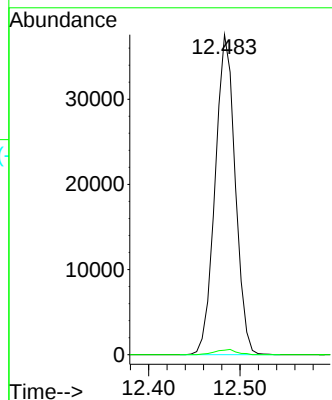
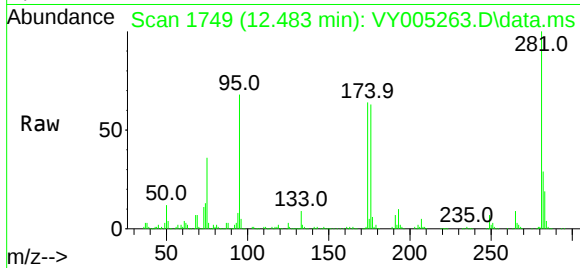




#76
1,2,3-Trichloropropane
Concen: 62.917 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005263.D
Acq: 28 Jun 2021 20:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-5(17.5-18)

Tgt Ion: 75 Resp: 57260
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.390 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005263.D
Acq: 28 Jun 2021 20:38

Tgt Ion: 75 Resp: 57260
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 1.9 38.0 57.0#

