

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005288.D
 Acq On : 29 Jun 2021 20:10
 Operator : SY/MD
 Sample : M2895-01
 Misc : 5.75G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Jun 30 04:02:07 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)

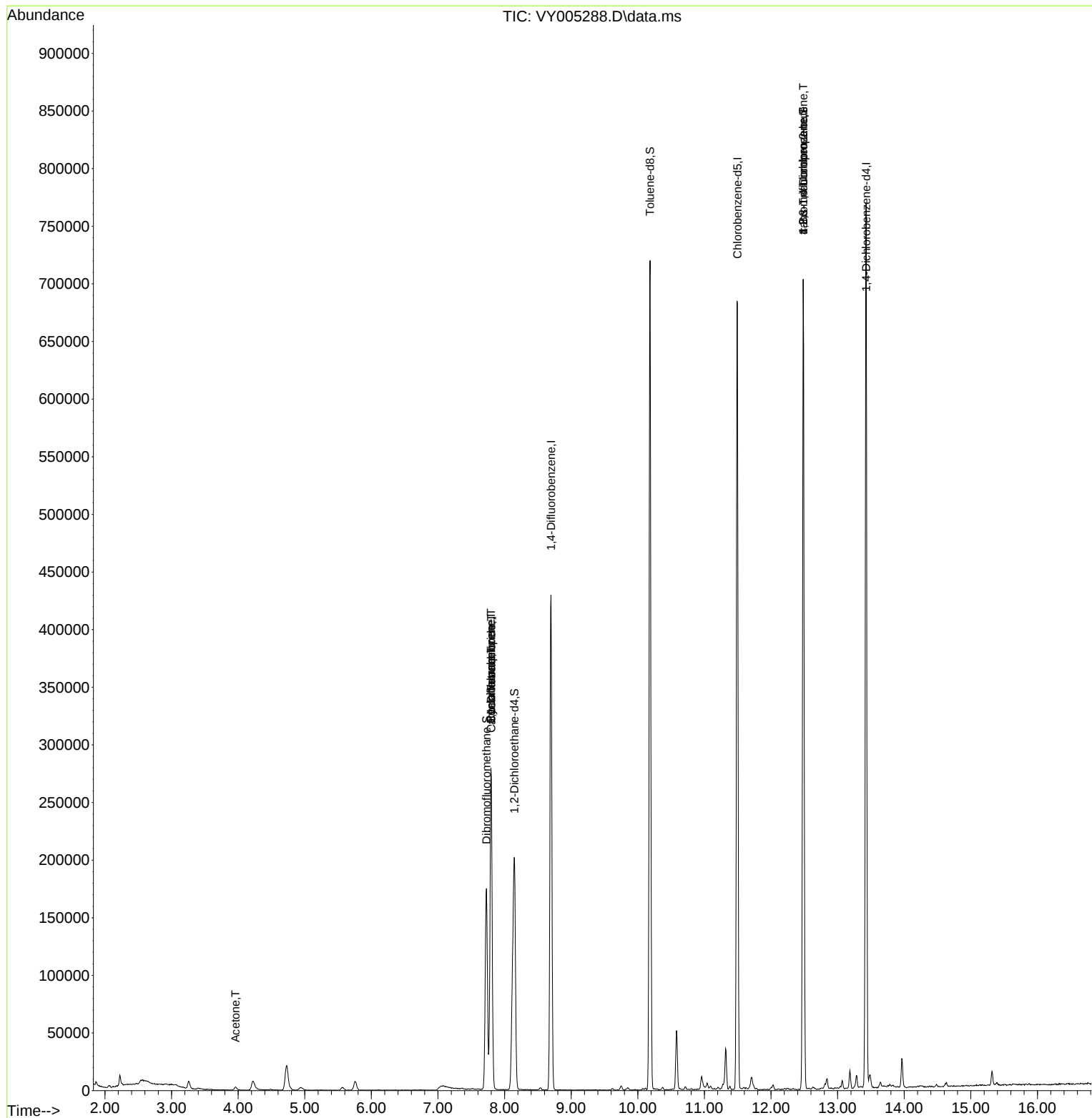
Internal Standards						
1) Pentafluorobenzene	7.795	168	241733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	390001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	400344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	211198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	132965	66.28	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.56%			
35) Dibromofluoromethane	7.728	113	124600	54.17	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.34%			
50) Toluene-d8	10.185	98	481144	52.31	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.62%			
62) 4-Bromofluorobenzene	12.483	95	178861	58.35	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.70%			
Target Compounds						
11) Tert butyl alcohol	4.936	59	3193	Below Cal	#	77
16) Acetone	3.960	43	4679	10.10	ug/l	90
20) Methylene Chloride	4.735	84	17110	Below Cal		93
31) Cyclohexane	7.795	56	3663	1.02	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	14903	4.34	ug/l	# 48
38) Carbon Tetrachloride	7.801	117	19872	5.53	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	87571	46.75	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	87571	87.23	ug/l	# 18

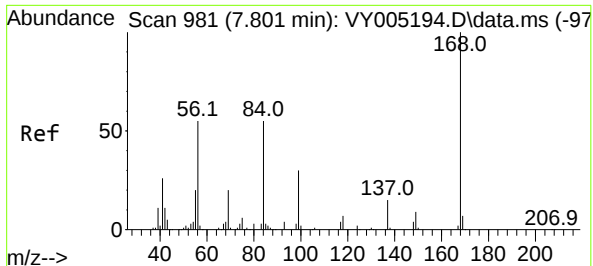
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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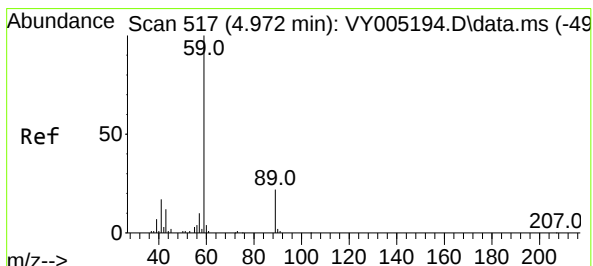
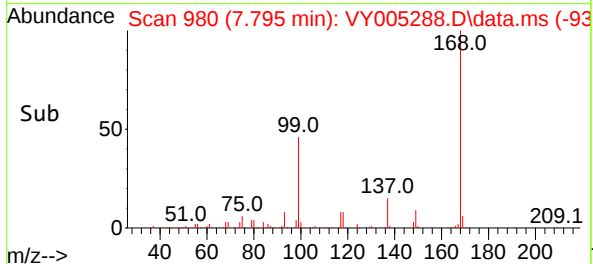
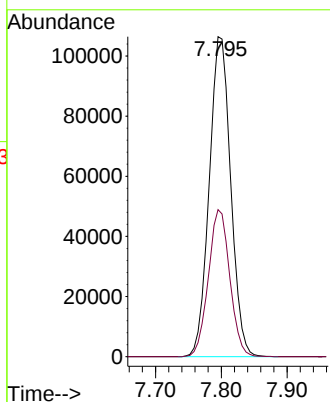
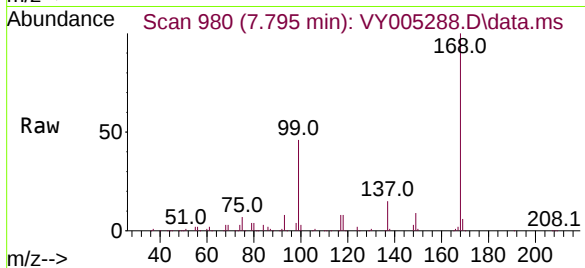




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005288.D
Acq: 29 Jun 2021 20:10

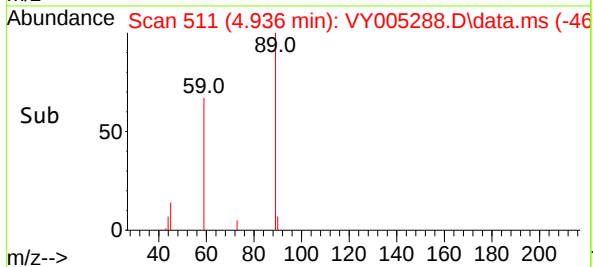
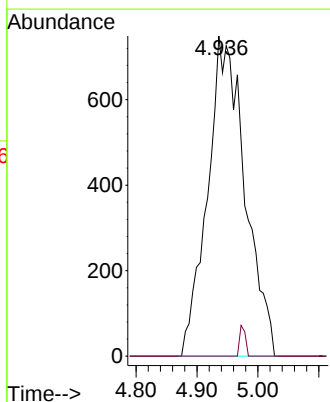
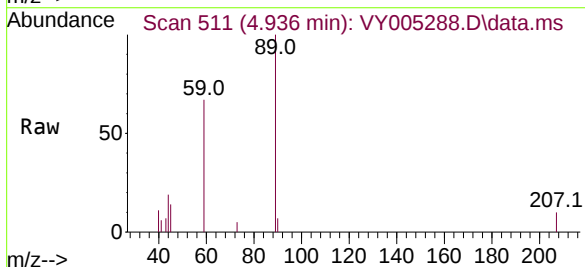
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

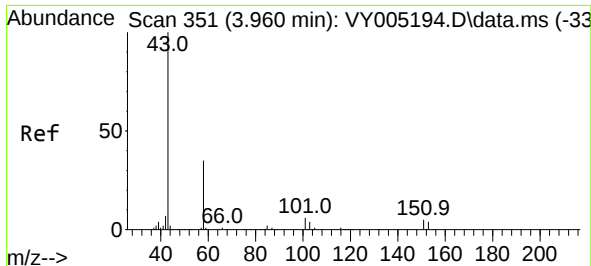
Tgt Ion:168 Resp: 241733
Ion Ratio Lower Upper
168 100
99 46.0 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.036 min
Lab File: VY005288.D
Acq: 29 Jun 2021 20:10

Tgt Ion: 59 Resp: 3193
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

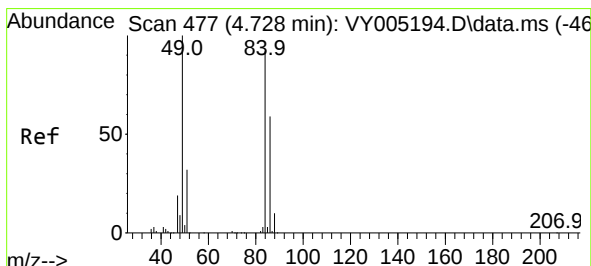
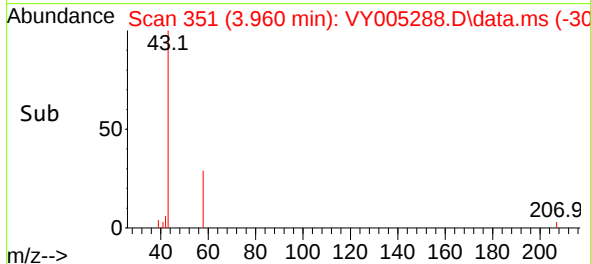
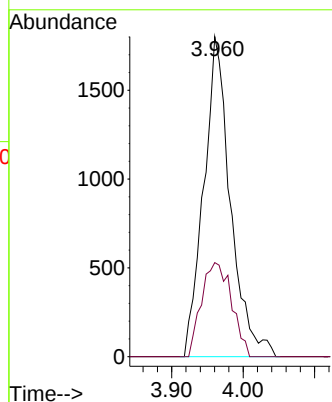
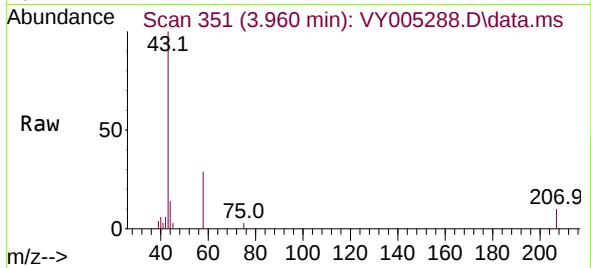




#16
Acetone
Concen: 10.10 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005288.D
Acq: 29 Jun 2021 20:10

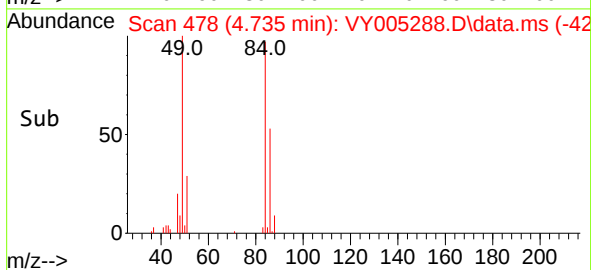
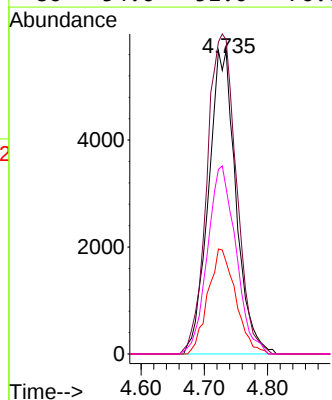
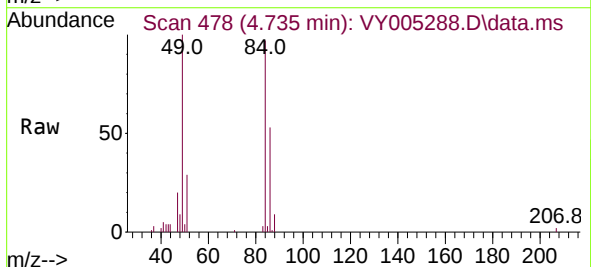
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

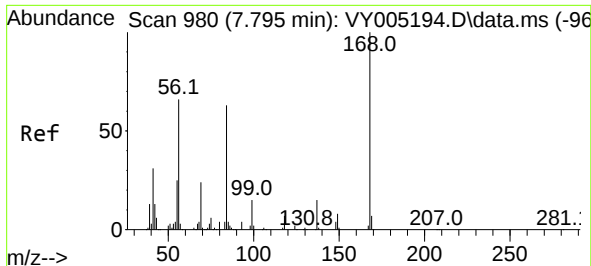
Tgt Ion: 43 Resp: 4679
Ion Ratio Lower Upper
43 100
58 29.4 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY005288.D
Acq: 29 Jun 2021 20:10

Tgt Ion: 84 Resp: 17110
Ion Ratio Lower Upper
84 100
49 103.6 86.9 130.3
51 30.3 27.4 41.2
86 54.6 51.0 76.6

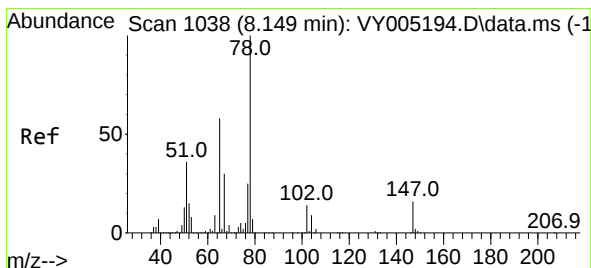
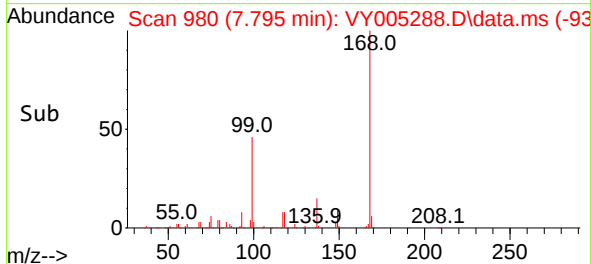
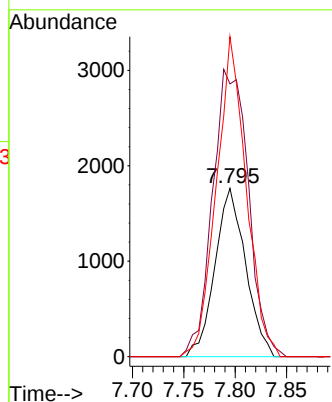
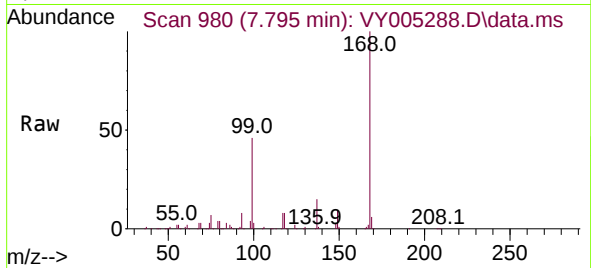




#31
Cyclohexane
Concen: 1.02 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005288.D
Acq: 29 Jun 2021 20:10

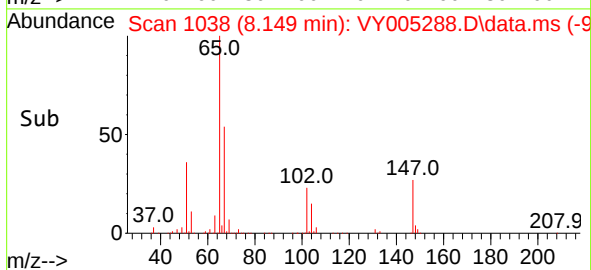
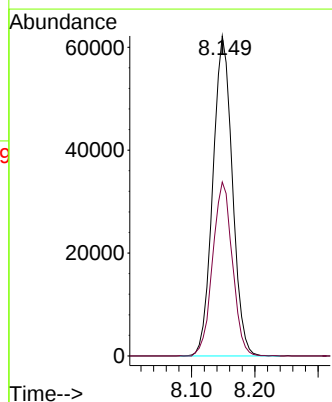
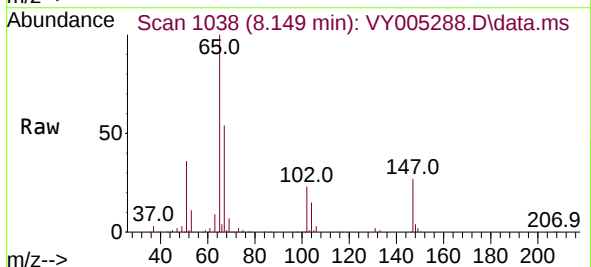
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

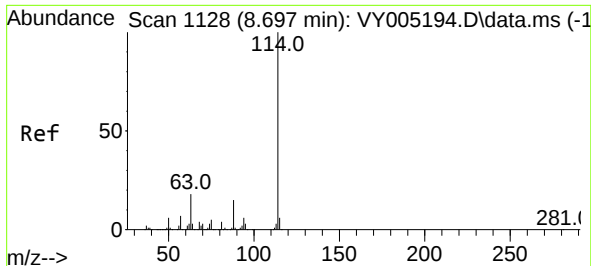
Tgt Ion: 56 Resp: 3663
Ion Ratio Lower Upper
56 100
69 162.0 29.6 44.4#
84 190.1 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 66.28 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005288.D
Acq: 29 Jun 2021 20:10

Tgt Ion: 65 Resp: 132965
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.6

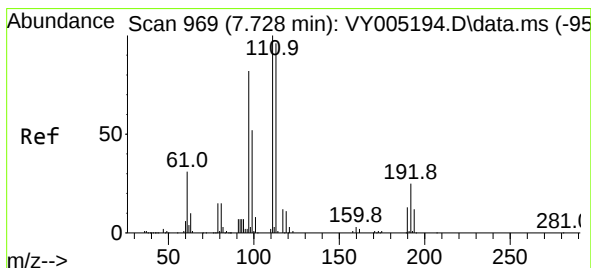
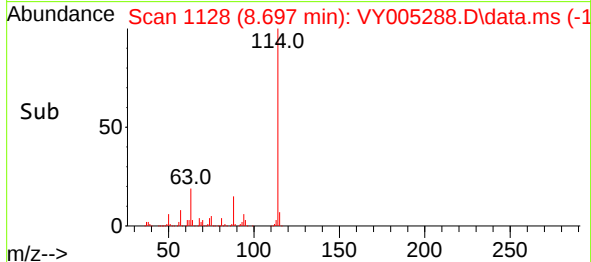
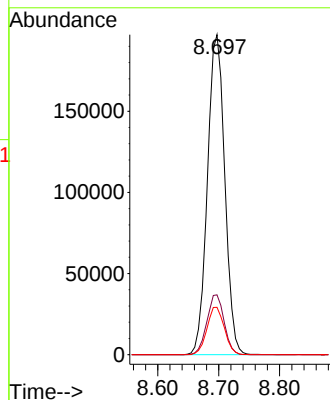
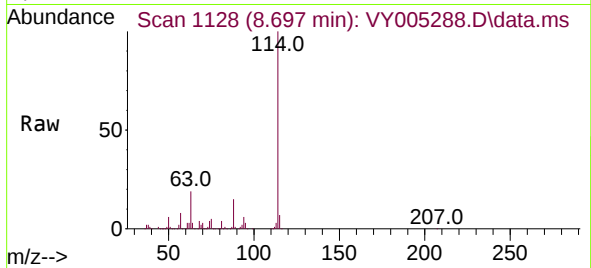




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005288.D
Acq: 29 Jun 2021 20:10

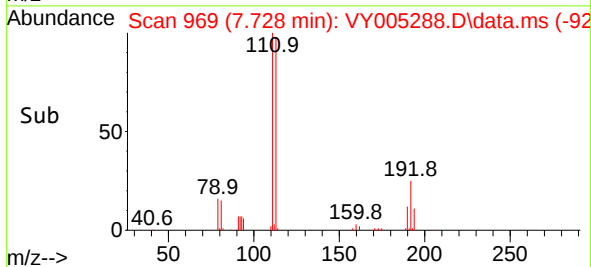
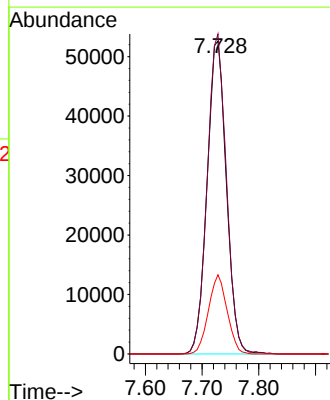
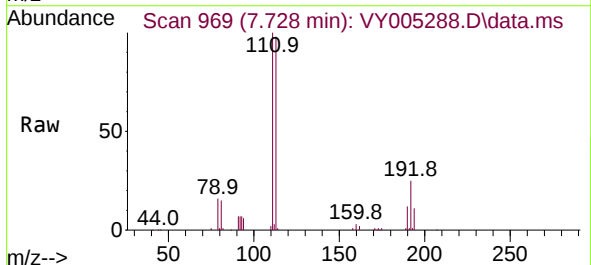
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

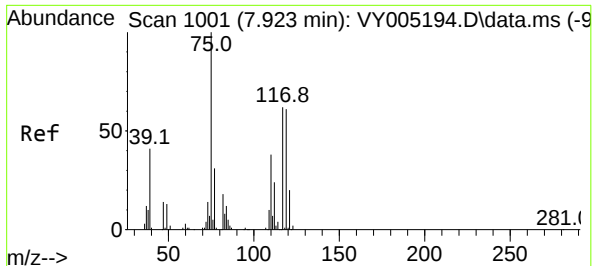
Tgt Ion:114 Resp: 390001
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.2
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 54.17 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005288.D
Acq: 29 Jun 2021 20:10

Tgt Ion:113 Resp: 124600
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 24.4 20.2 30.2

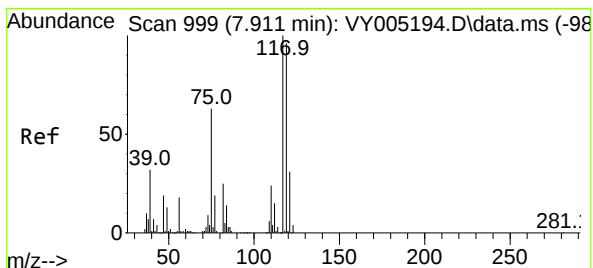
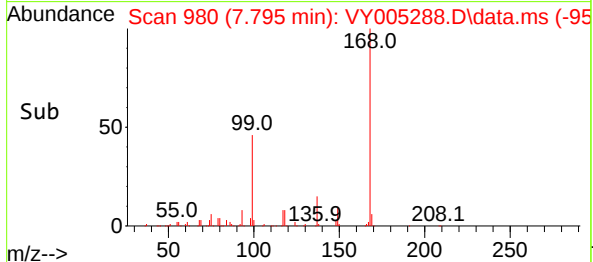
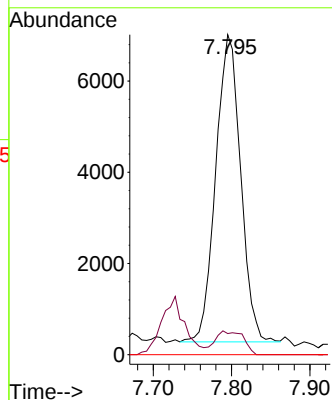
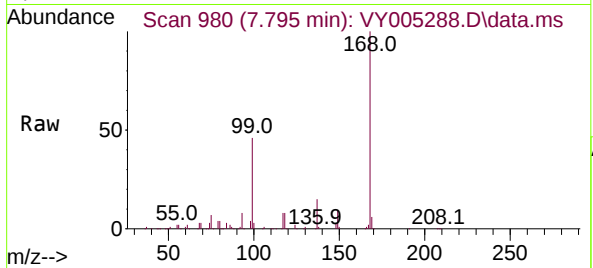




#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005288.D
Acq: 29 Jun 2021 20:10

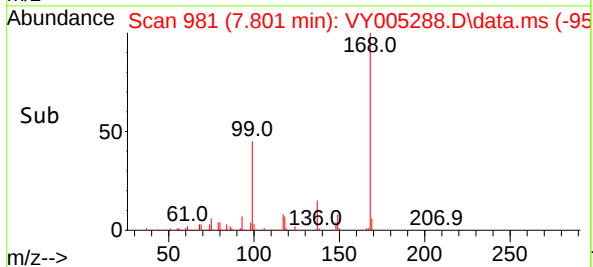
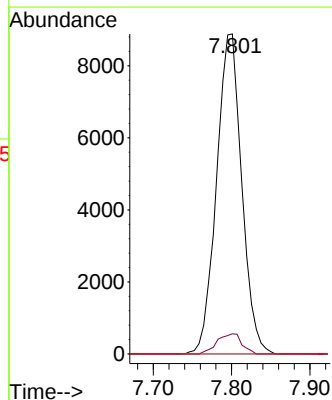
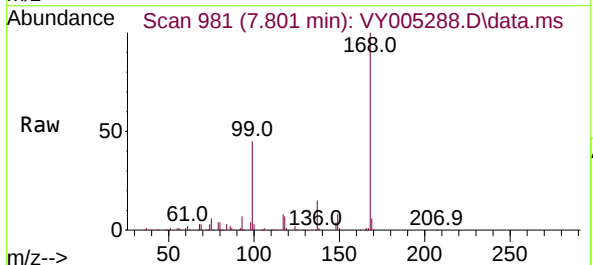
Instrument :
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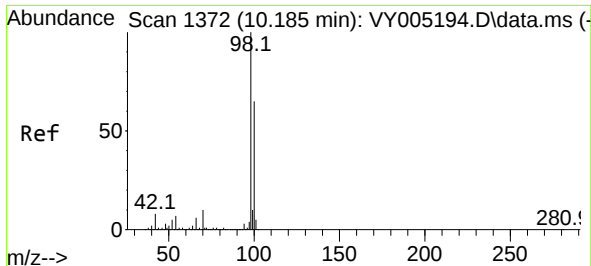
Tgt Ion: 75 Resp: 14903
Ion Ratio Lower Upper
75 100
110 8.8 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.53 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005288.D
Acq: 29 Jun 2021 20:10

Tgt Ion: 117 Resp: 19872
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.4#
121 0.0 24.7 37.1#

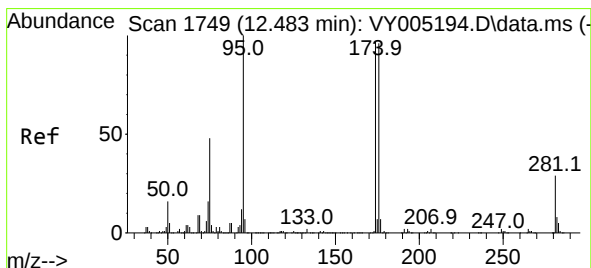
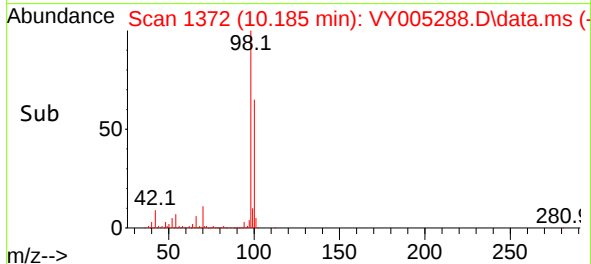
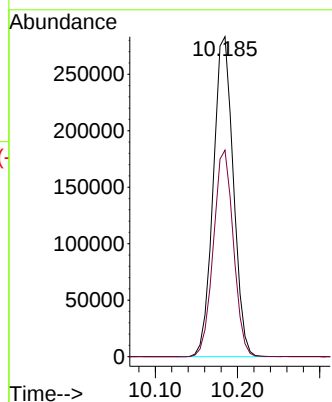
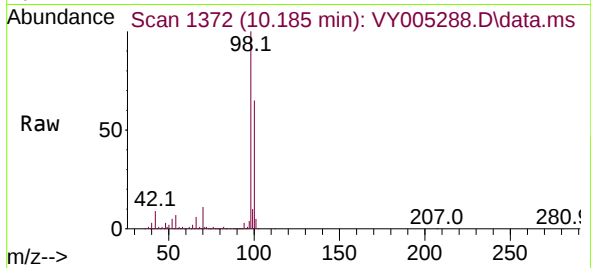




#50
Toluene-d8
Concen: 52.31 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005288.D
Acq: 29 Jun 2021 20:10

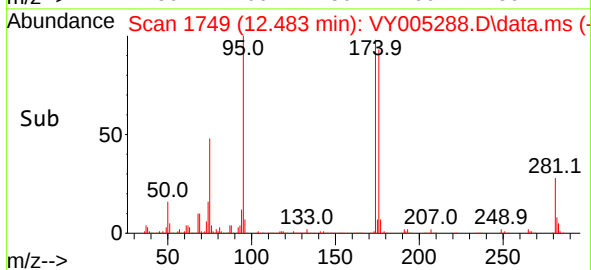
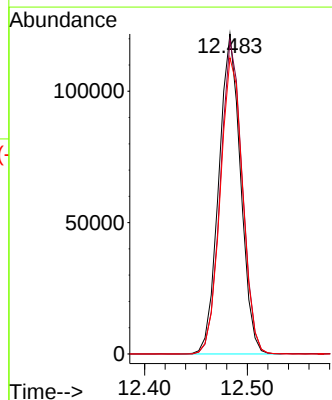
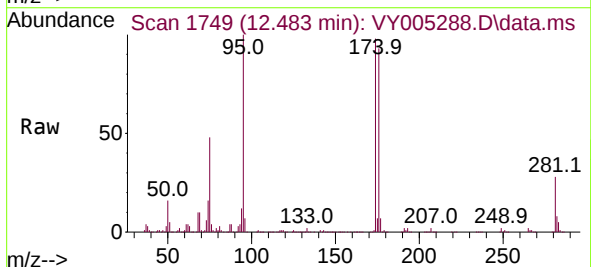
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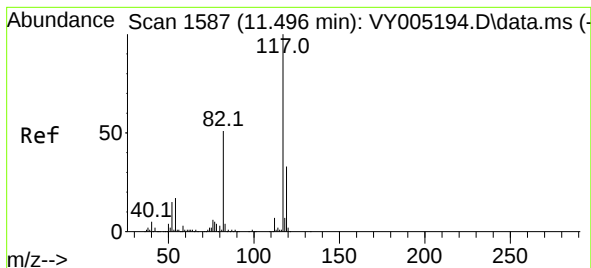
Tgt Ion: 98 Resp: 481144
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 58.35 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005288.D
Acq: 29 Jun 2021 20:10

Tgt Ion: 95 Resp: 178861
Ion Ratio Lower Upper
95 100
174 98.2 0.0 201.6
176 95.0 0.0 197.4

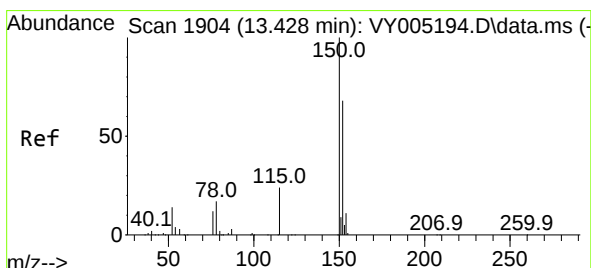
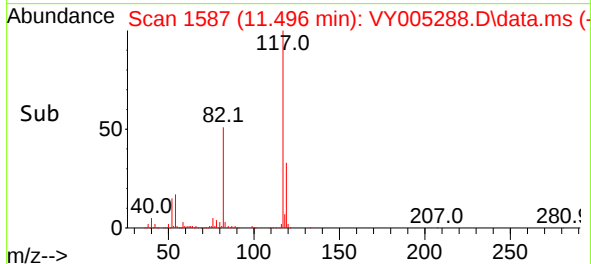
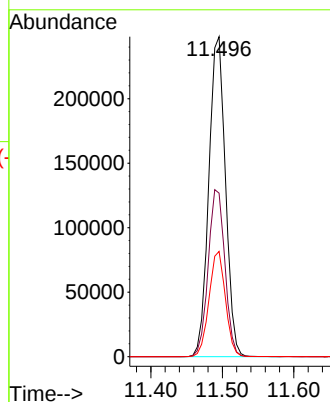
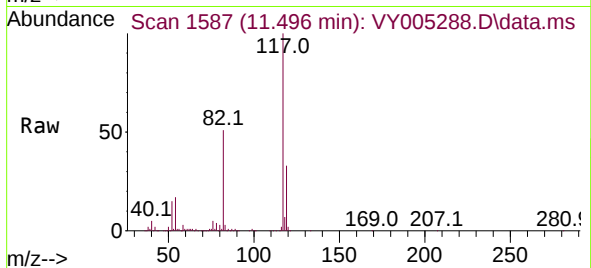




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005288.D
Acq: 29 Jun 2021 20:10

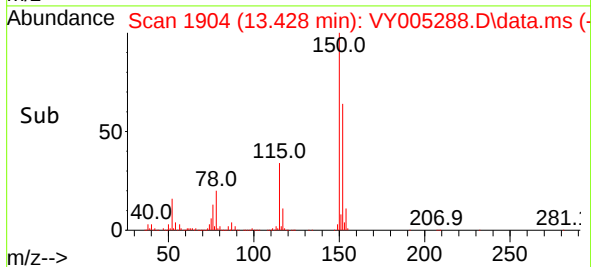
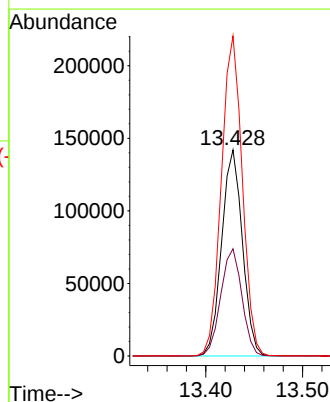
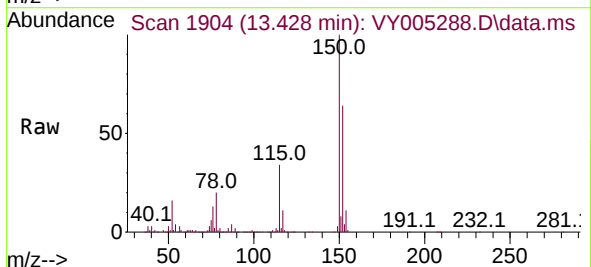
Instrument :
MSVOA_Y
ClientSampled :
COMP-1

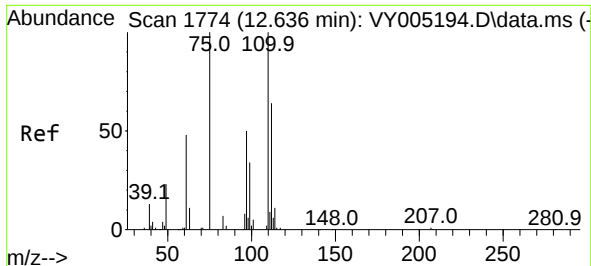
Tgt Ion:117 Resp: 400344
Ion Ratio Lower Upper
117 100
82 51.1 40.6 60.8
119 32.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005288.D
Acq: 29 Jun 2021 20:10

Tgt Ion:152 Resp: 211198
Ion Ratio Lower Upper
152 100
115 53.1 26.3 78.8
150 156.6 0.0 344.2

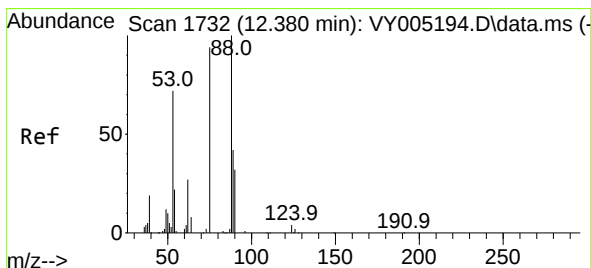
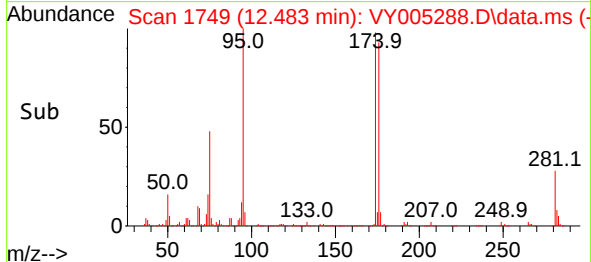
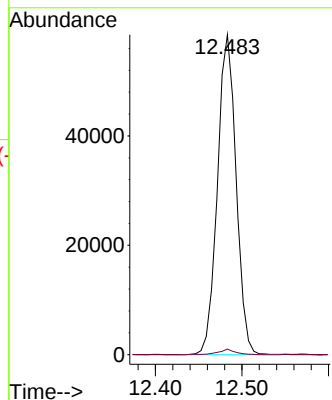
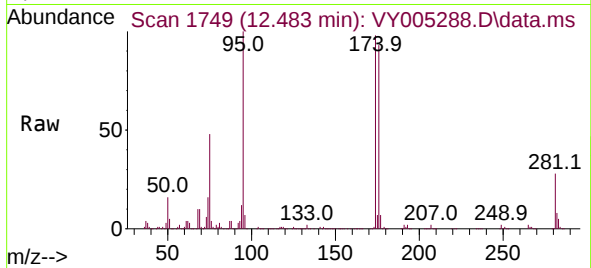




#76
1,2,3-Trichloropropane
Concen: 46.75 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005288.D
Acq: 29 Jun 2021 20:10

Instrument :
MSVOA_Y
ClientSampled :
COMP-1

Tgt Ion: 75 Resp: 87571
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.23 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005288.D
Acq: 29 Jun 2021 20:10

Tgt Ion: 75 Resp: 87571
Ion Ratio Lower Upper
75 100
53 0.2 63.0 94.4#
89 0.3 38.0 57.0#

