

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005255.D
 Acq On : 28 Jun 2021 17:33
 Operator : SY/MD
 Sample : M2864-03
 Misc : 5.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 12002

Quant Time: Jun 29 01:18:58 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)

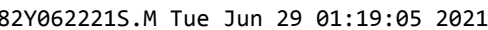
Internal Standards						
1) Pentafluorobenzene	7.801	168	188668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	308882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	311434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168302	50.000	ug/l	0.00

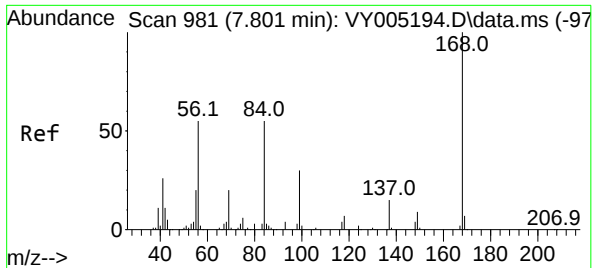
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114068	72.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.720%
35) Dibromofluoromethane	7.728	113	100070	54.934	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.860%
50) Toluene-d8	10.185	98	386021	52.989	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.980%
62) 4-Bromofluorobenzene	12.483	95	133256	54.893	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.780%

Target Compounds					Qvalue	
11) Tert butyl alcohol	4.960	59	133	Below Cal	#	77
16) Acetone	3.960	43	1530	4.230	ug/l #	88
18) Methyl Acetate	4.485	43	1650	1.717	ug/l #	78
20) Methylene Chloride	4.729	84	11162	Below Cal		98
31) Cyclohexane	7.789	56	3246	1.161	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	12088	4.444	ug/l #	47
38) Carbon Tetrachloride	7.801	117	15745	5.530	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	1503	1.114	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	66841	44.780	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66841	83.549	ug/l #	17

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

Quant Time: Jun 29 01:18:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

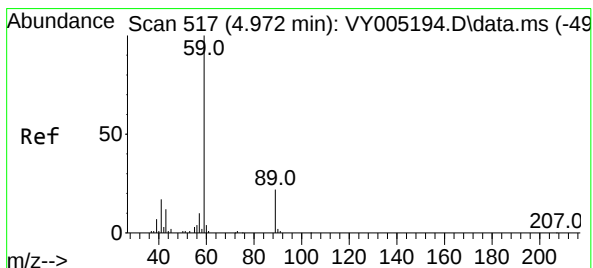
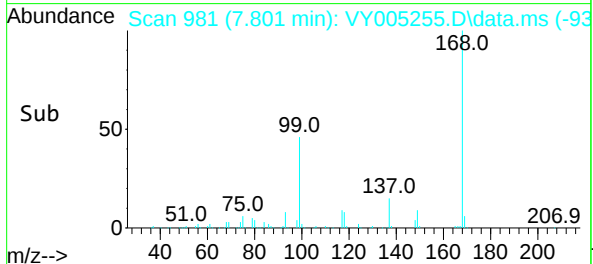
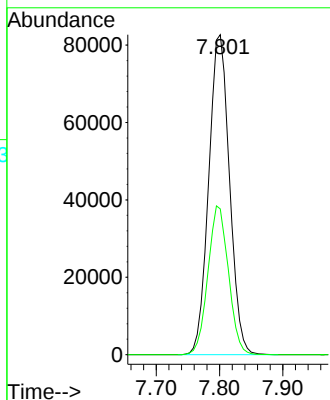
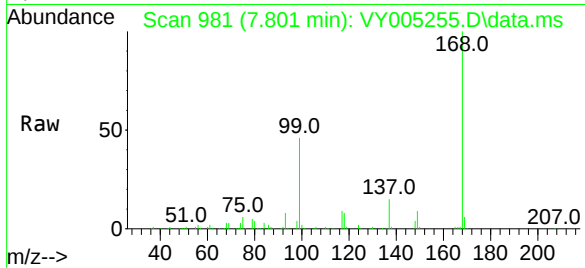




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005255.D
Acq: 28 Jun 2021 17:33

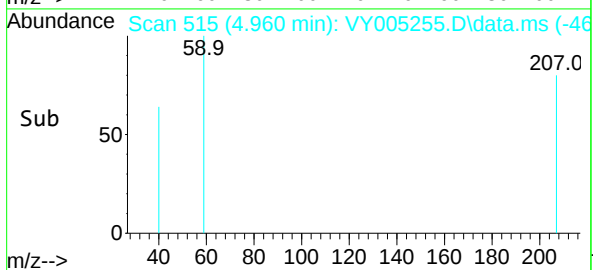
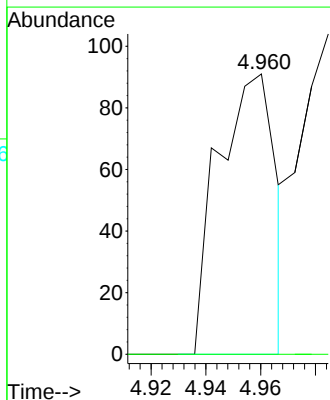
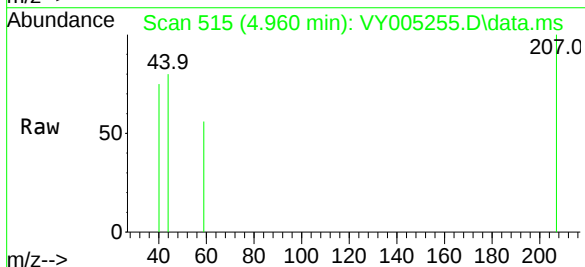
Instrument :
MSVOA_Y
ClientSampled :
12002

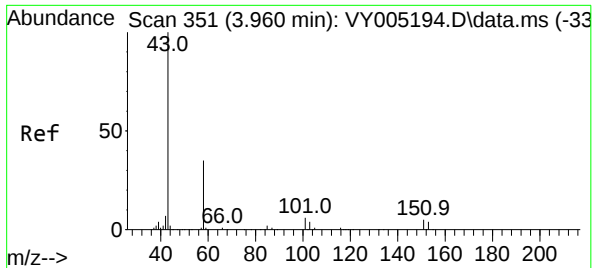
Tgt Ion:168 Resp: 188668
Ion Ratio Lower Upper
168 100
99 45.6 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY005255.D
Acq: 28 Jun 2021 17:33

Tgt Ion: 59 Resp: 133
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

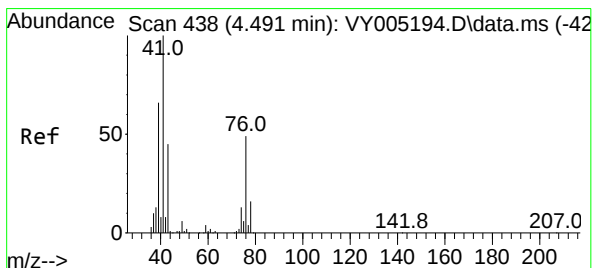
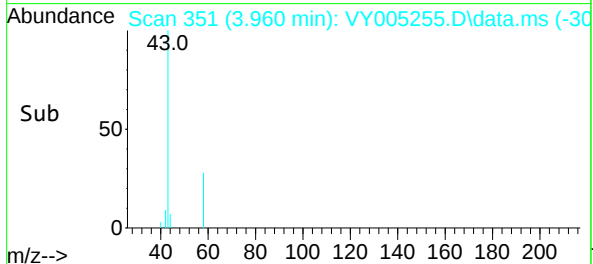
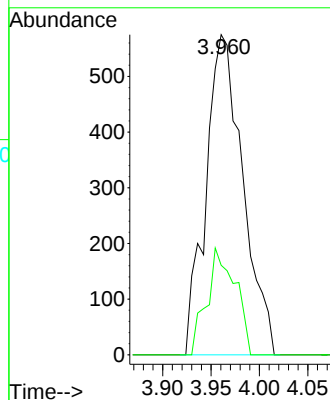
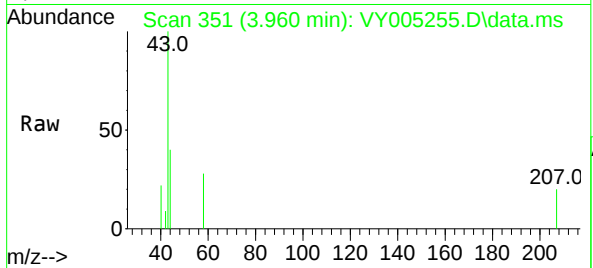




#16
Acetone
Concen: 4.230 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005255.D
Acq: 28 Jun 2021 17:33

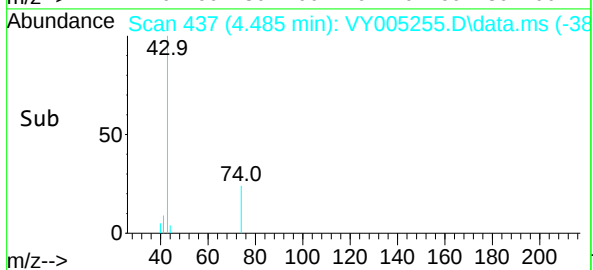
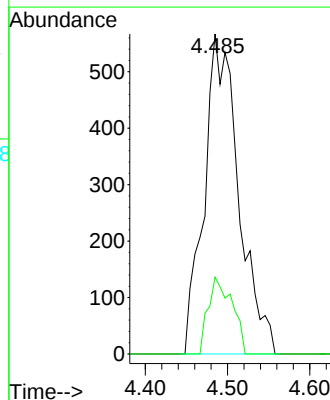
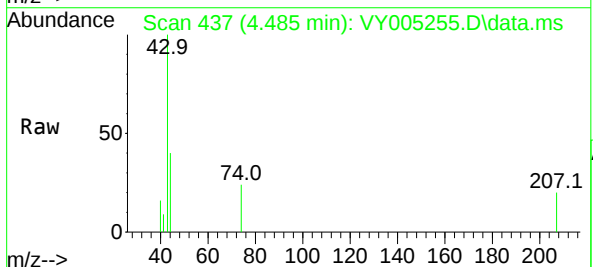
Instrument :
MSVOA_Y
ClientSampleId :
12002

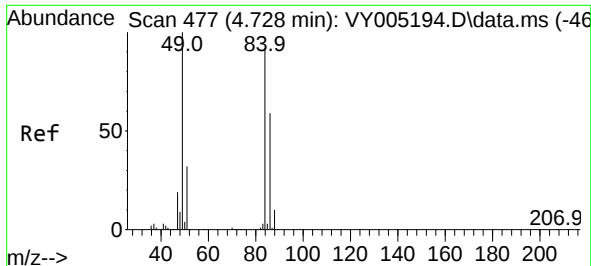
Tgt Ion: 43 Resp: 1530
Ion Ratio Lower Upper
43 100
58 28.0 28.2 42.2#



#18
Methyl Acetate
Concen: 1.717 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY005255.D
Acq: 28 Jun 2021 17:33

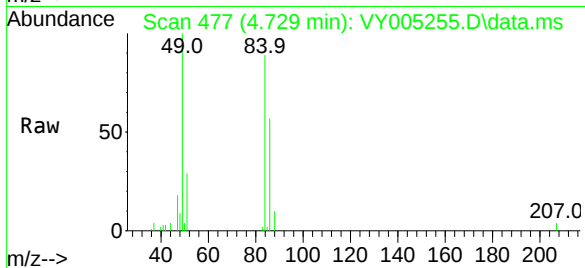
Tgt Ion: 43 Resp: 1650
Ion Ratio Lower Upper
43 100
74 16.7 22.5 33.7#





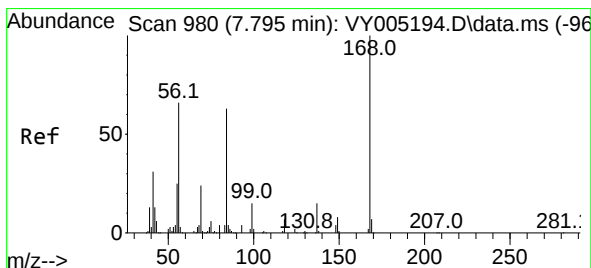
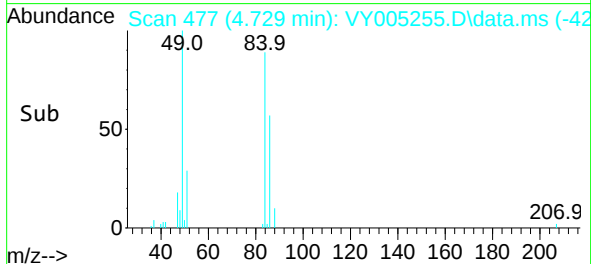
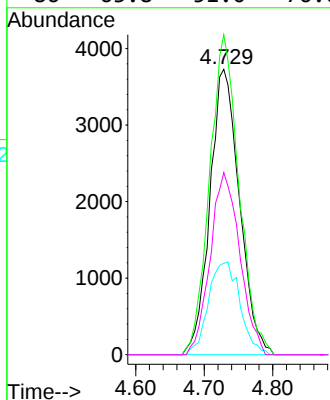
#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY005255.D
Acq: 28 Jun 2021 17:33

Instrument :
MSVOA_Y
ClientSampleId :
12002

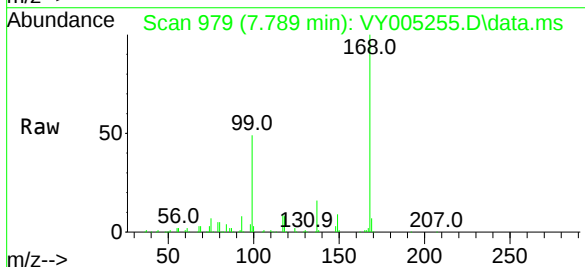


Tgt Ion: 84 Resp: 11162

Ion	Ratio	Lower	Upper
84	100		
49	112.1	86.9	130.3
51	32.0	27.4	41.2
86	63.8	51.0	76.6

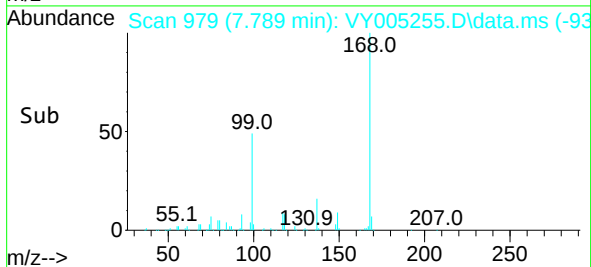
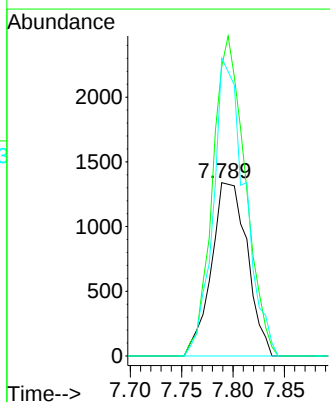


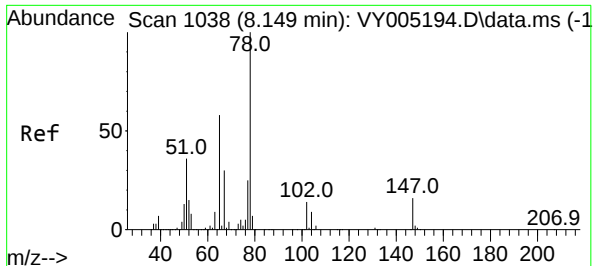
#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005255.D
Acq: 28 Jun 2021 17:33



Tgt Ion: 56 Resp: 3246

Ion	Ratio	Lower	Upper
56	100		
69	166.8	29.6	44.4#
84	171.8	76.4	114.6#

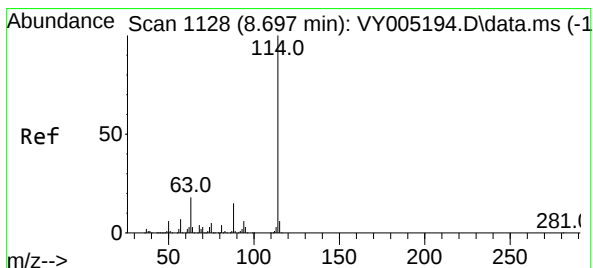
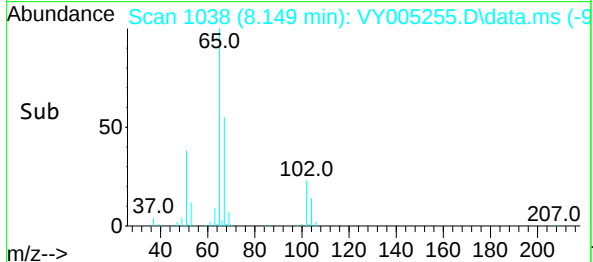
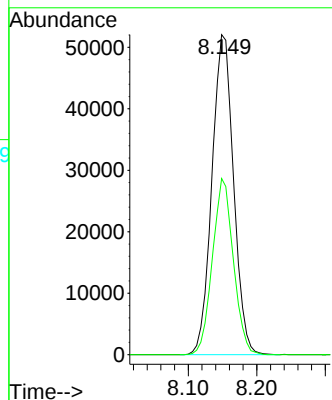
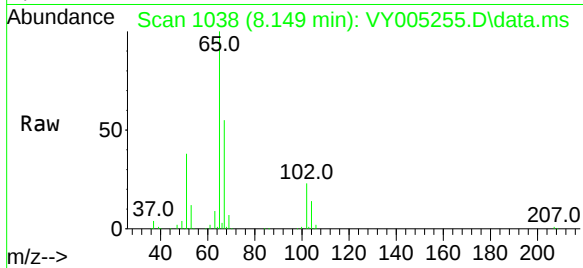




#33
 1,2-Dichloroethane-d4
 Concen: 72.856 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005255.D
 Acq: 28 Jun 2021 17:33

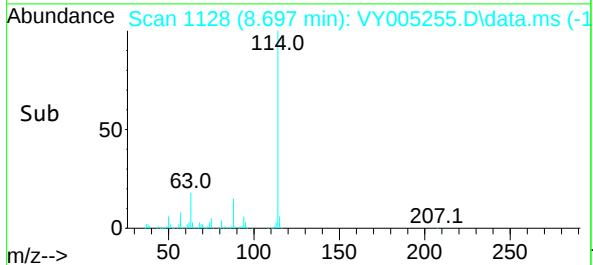
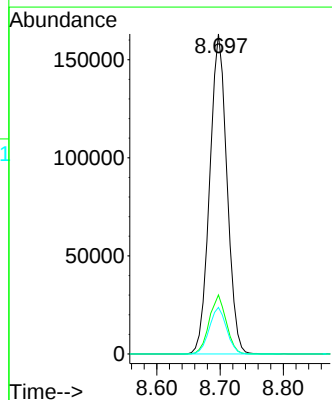
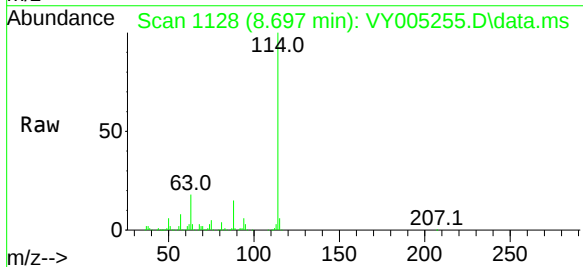
Instrument :
 MSVOA_Y
 ClientSampled :
 12002

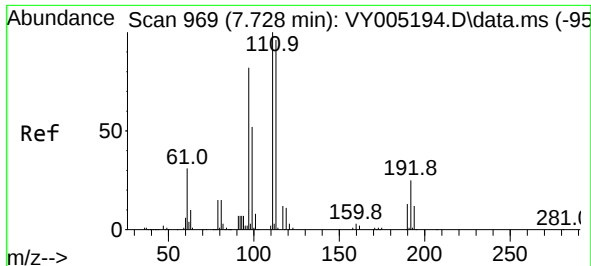
Tgt Ion: 65 Resp: 114068
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005255.D
 Acq: 28 Jun 2021 17:33

Tgt Ion: 114 Resp: 308882
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 35.2
 88 14.6 0.0 29.4

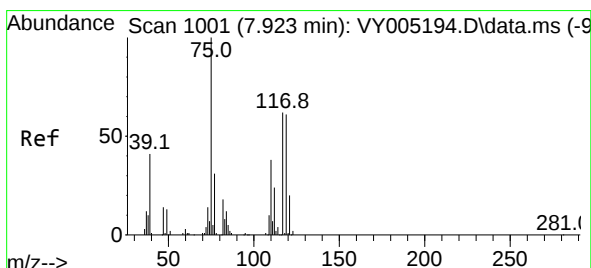
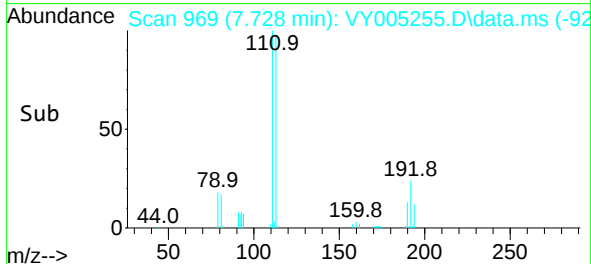
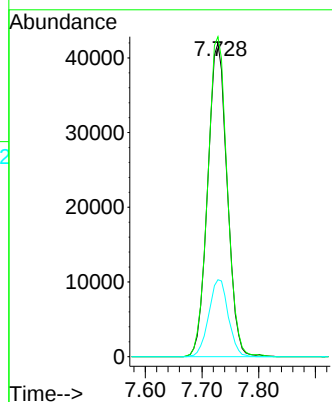
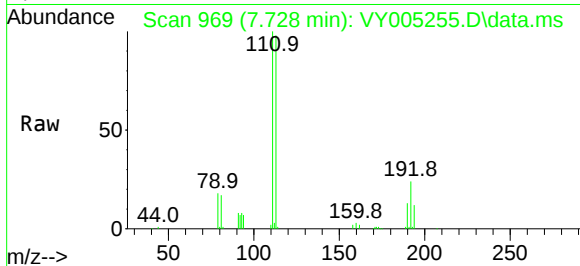




#35
Dibromofluoromethane
Concen: 54.934 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005255.D
Acq: 28 Jun 2021 17:33

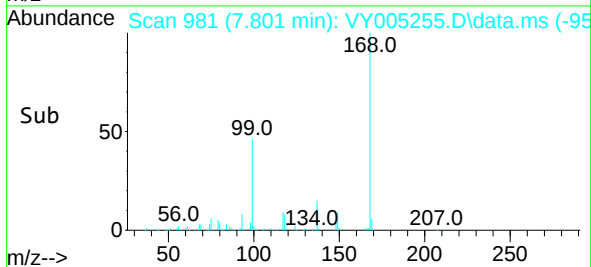
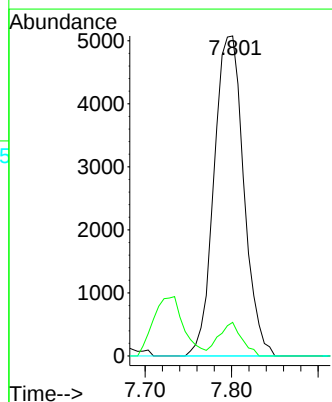
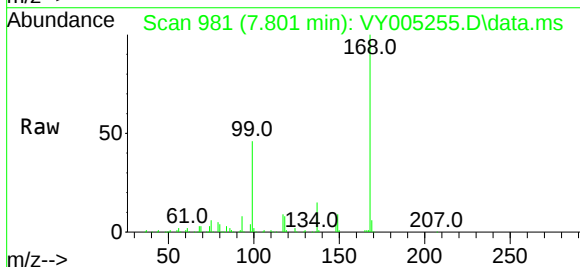
Instrument :
MSVOA_Y
ClientSampleId :
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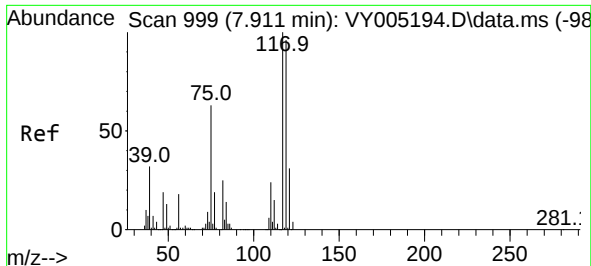
Tgt Ion:113 Resp: 100070
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 24.7 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.444 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005255.D
Acq: 28 Jun 2021 17:33

Tgt Ion: 75 Resp: 12088
Ion Ratio Lower Upper
75 100
110 8.1 19.1 57.5#
77 0.0 25.2 37.8#

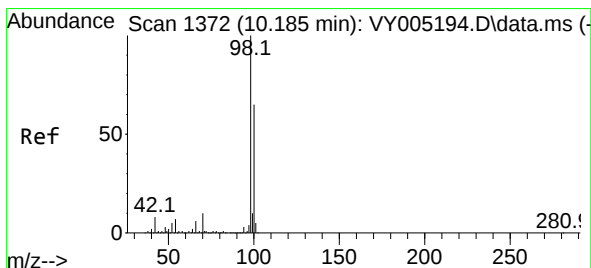
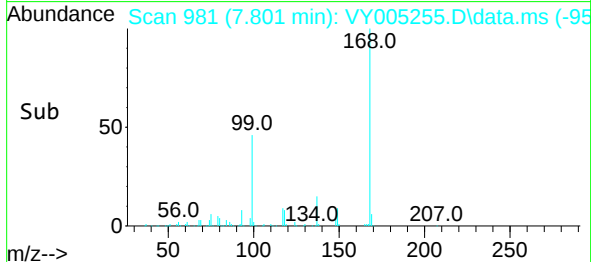
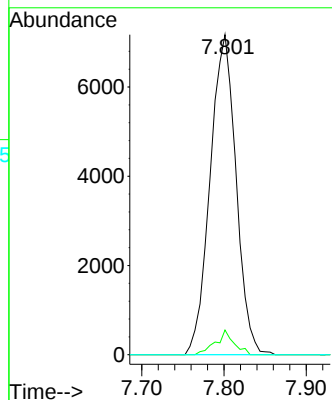
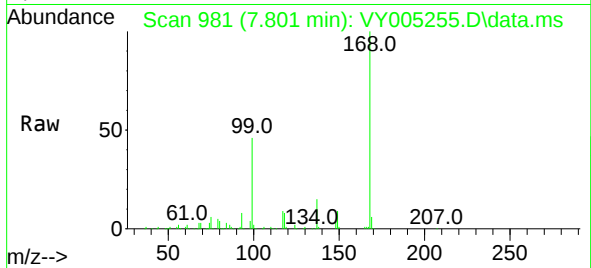




#38
Carbon Tetrachloride
Concen: 5.530 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005255.D
Acq: 28 Jun 2021 17:33

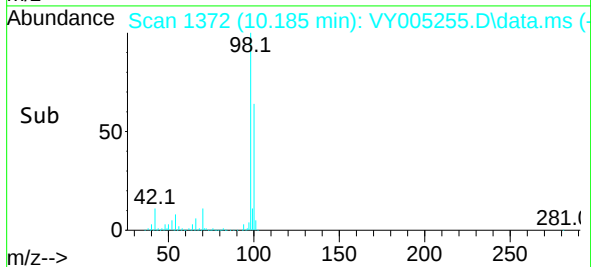
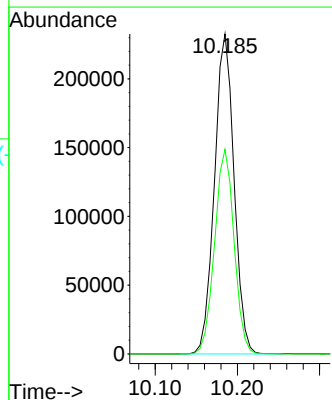
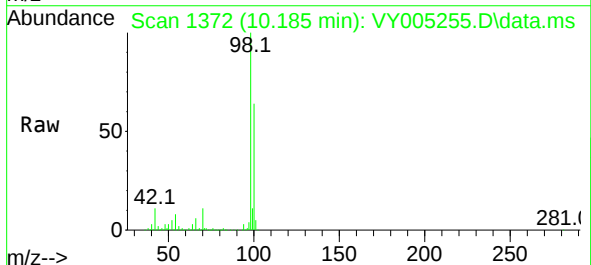
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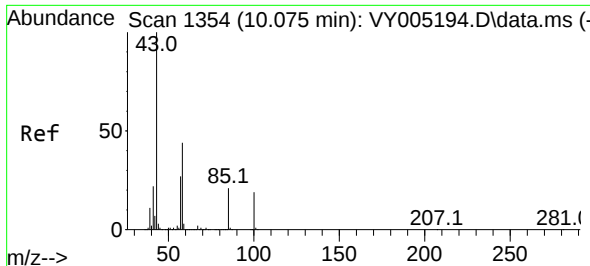
Tgt Ion:117 Resp: 15745
Ion Ratio Lower Upper
117 100
119 7.7 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.989 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005255.D
Acq: 28 Jun 2021 17:33

Tgt Ion: 98 Resp: 386021
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

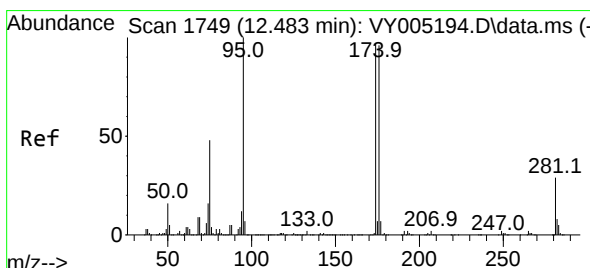
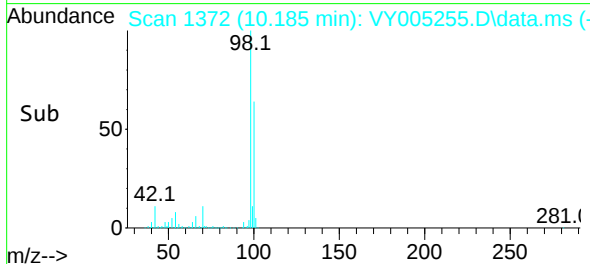
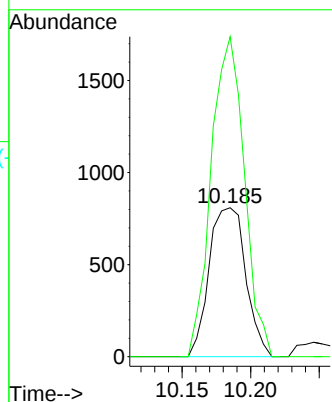
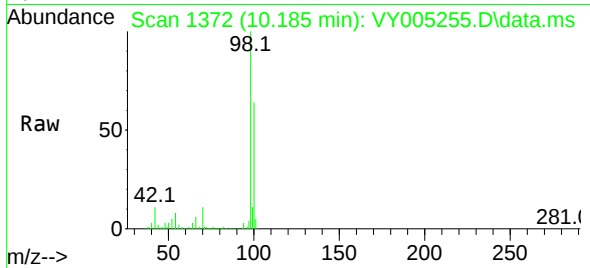




#51
4-Methyl-2-Pentanone
Concen: 1.114 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005255.D
Acq: 28 Jun 2021 17:33

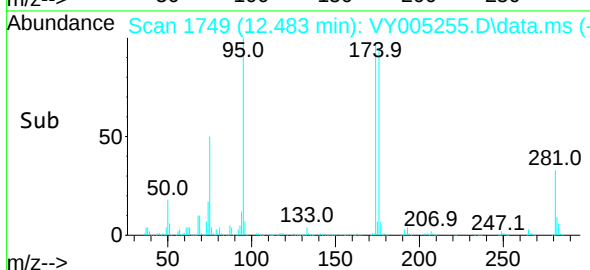
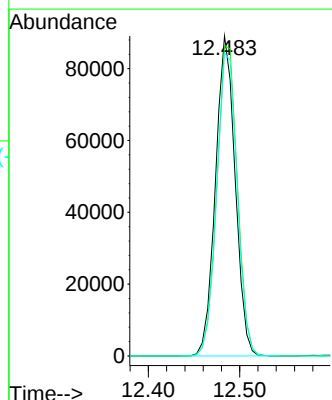
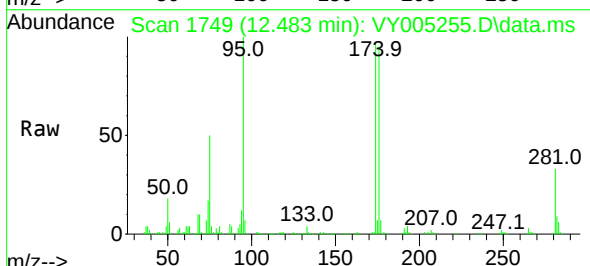
Instrument :
MSVOA_Y
ClientSampled :
12002

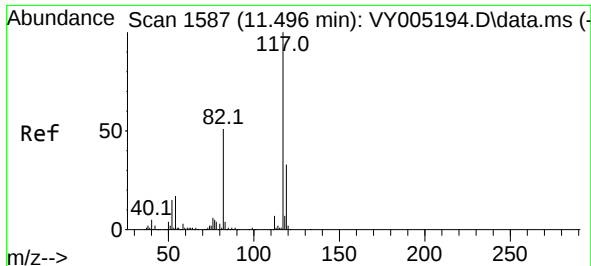
Tgt Ion: 43 Resp: 1503
Ion Ratio Lower Upper
43 100
58 194.6 35.3 52.9#



#62
4-Bromofluorobenzene
Concen: 54.893 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005255.D
Acq: 28 Jun 2021 17:33

Tgt Ion: 95 Resp: 133256
Ion Ratio Lower Upper
95 100
174 101.8 0.0 201.6
176 98.2 0.0 197.4

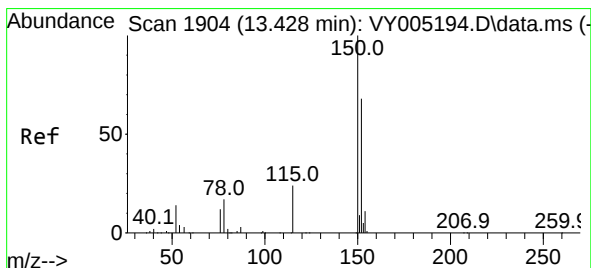
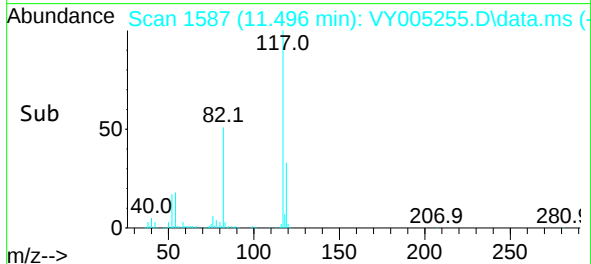
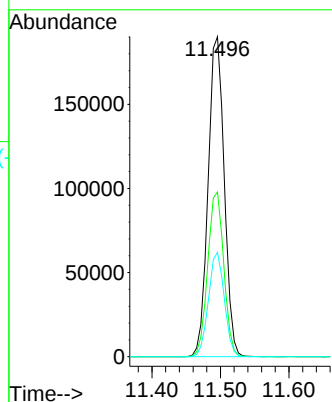
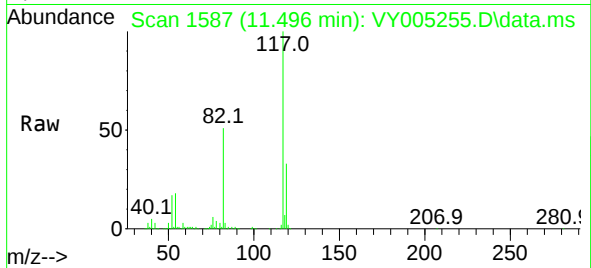




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005255.D
Acq: 28 Jun 2021 17:33

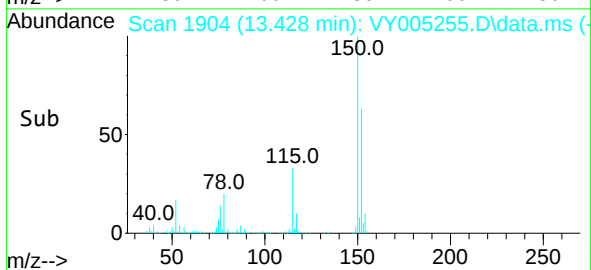
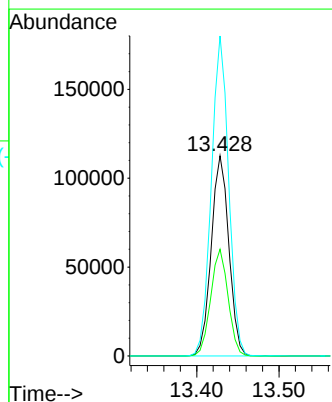
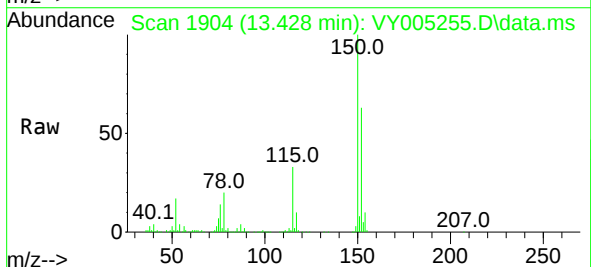
Instrument :
MSVOA_Y
ClientSampleId :
12002

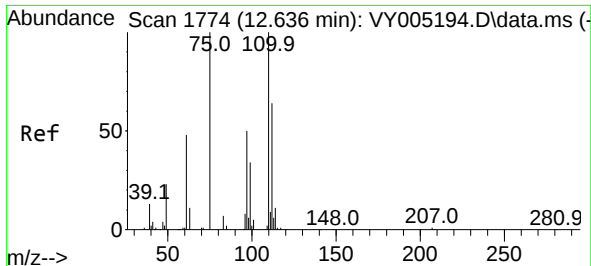
Tgt Ion:117 Resp: 311434
Ion Ratio Lower Upper
117 100
82 51.4 40.6 60.8
119 32.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005255.D
Acq: 28 Jun 2021 17:33

Tgt Ion:152 Resp: 168302
Ion Ratio Lower Upper
152 100
115 52.4 26.3 78.8
150 156.5 0.0 344.2

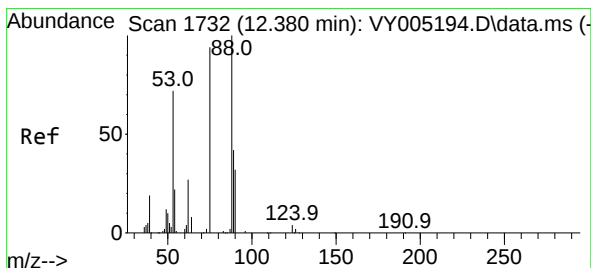
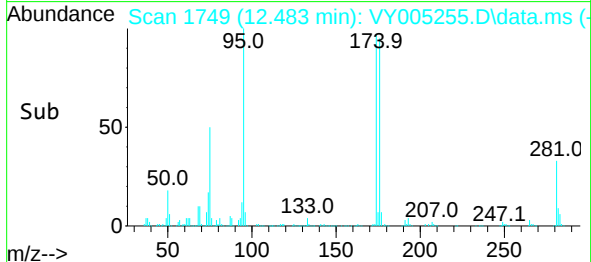
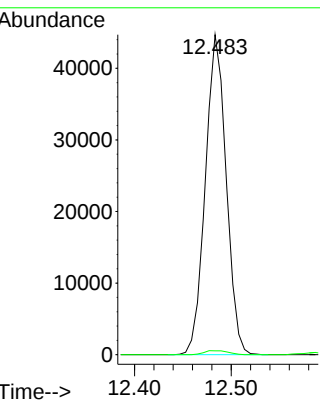
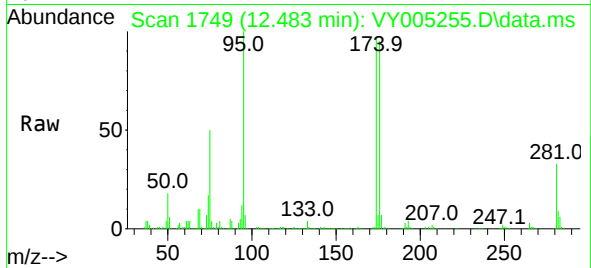




#76
1,2,3-Trichloropropane
Concen: 44.780 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005255.D
Acq: 28 Jun 2021 17:33

Instrument :
MSVOA_Y
ClientSampleId :
12002

Tgt Ion: 75 Resp: 66841
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.549 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005255.D
Acq: 28 Jun 2021 17:33

Tgt Ion: 75 Resp: 66841
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.3 38.0 57.0#

