

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005213.D
 Acq On : 24 Jun 2021 16:01
 Operator : SY/MD
 Sample : M2843-01
 Misc : 6.04/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 25 04:35:45 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)

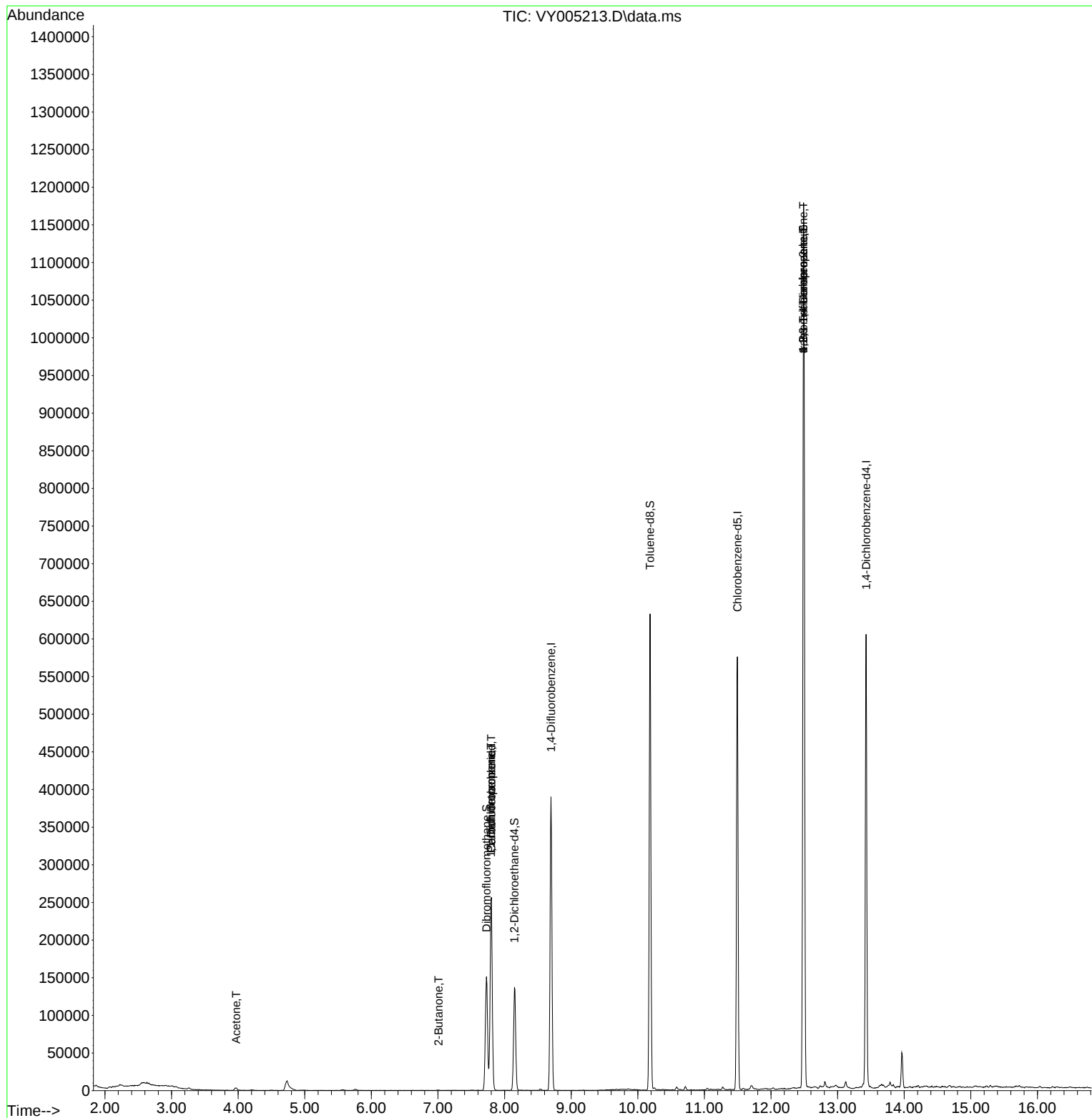
Internal Standards						
1) Pentafluorobenzene	7.801	168	224801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	348865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	336234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106912	57.309	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.620%	
35) Dibromofluoromethane	7.728	113	106452	51.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.480%	
50) Toluene-d8	10.185	98	424438	51.585	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.180%	
62) 4-Bromofluorobenzene	12.483	95	148587	54.194	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	638	Below Cal	#	77
16) Acetone	3.973	43	5740	13.319	ug/l	99
20) Methylene Chloride	4.735	84	9813	Below Cal		96
25) 2-Butanone	7.009	43	719	1.144	ug/l	91
36) 1,1-Dichloropropene	7.795	75	13437	4.374	ug/l	# 48
38) Carbon Tetrachloride	7.801	117	18343	5.704	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	72949	48.905	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	72949	91.246	ug/l	# 18

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

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
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Response via : Initial Calibration

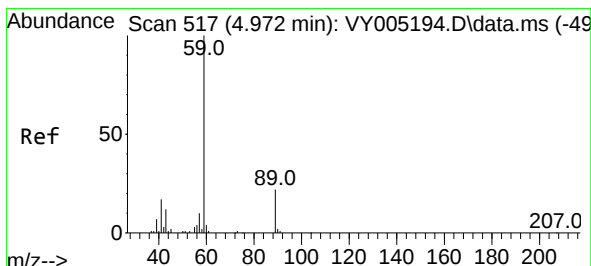
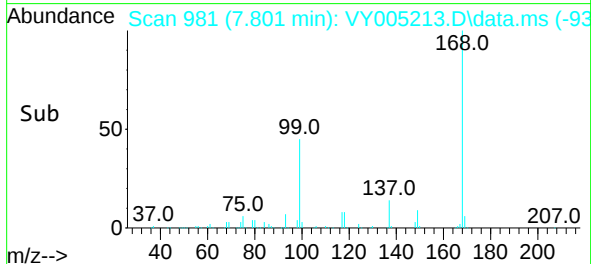
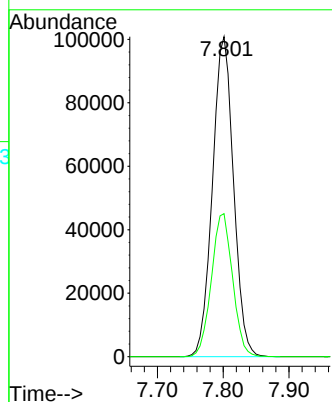
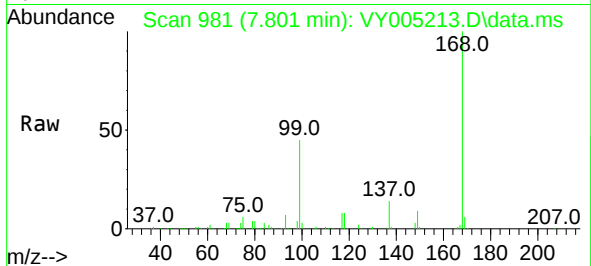




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005213.D
Acq: 24 Jun 2021 16:01

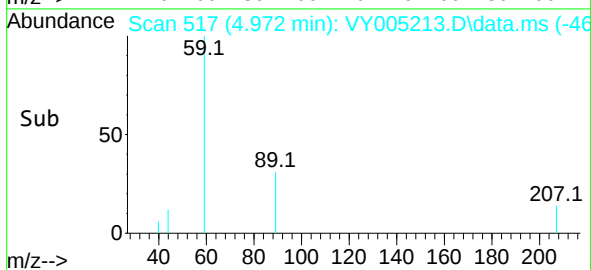
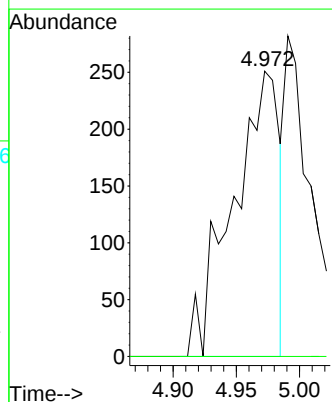
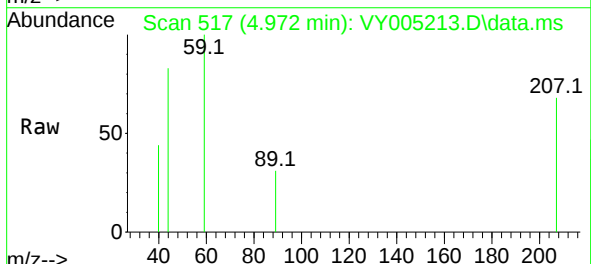
Instrument :
MSVOA_Y
ClientSampleId :

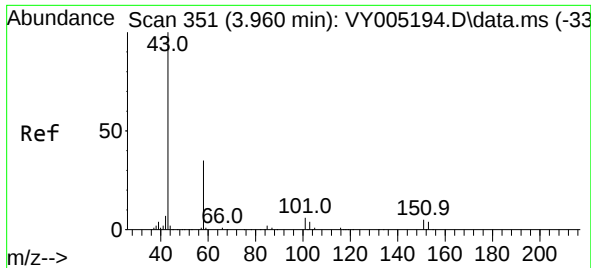
Tgt Ion:168 Resp: 224801
Ion Ratio Lower Upper
168 100
99 44.7 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005213.D
Acq: 24 Jun 2021 16:01

Tgt Ion: 59 Resp: 638
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

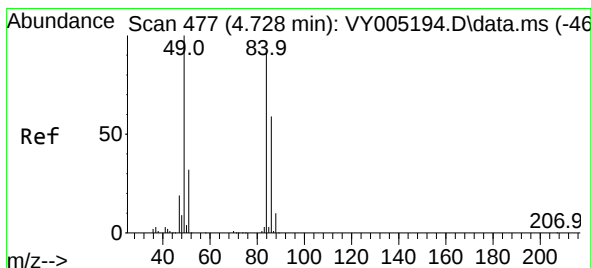
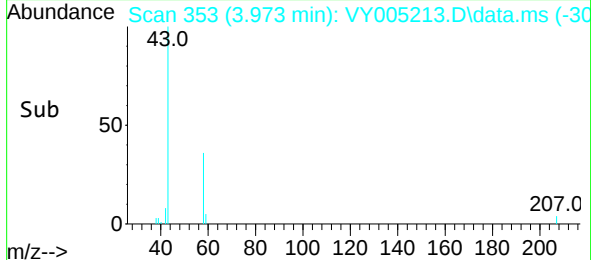
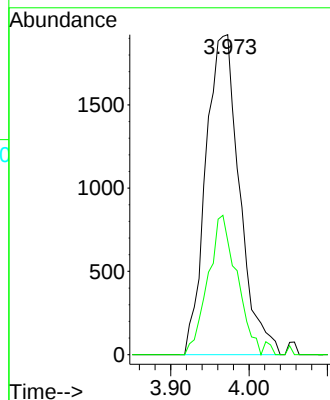
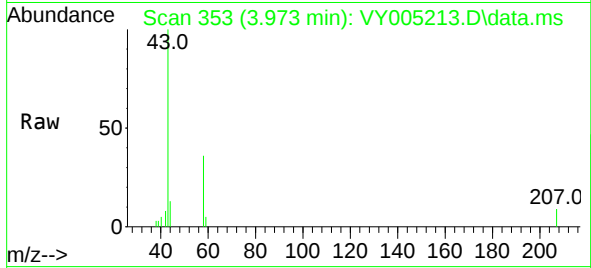




#16
Acetone
Concen: 13.319 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005213.D
Acq: 24 Jun 2021 16:01

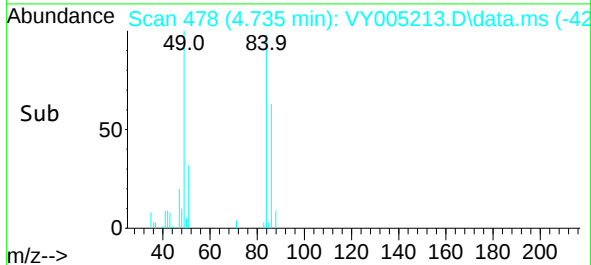
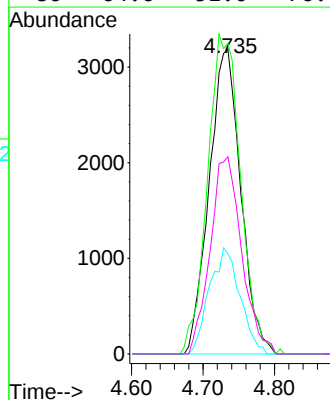
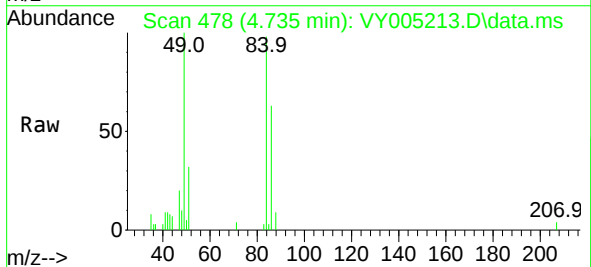
Instrument :
MSVOA_Y
ClientSampleId :

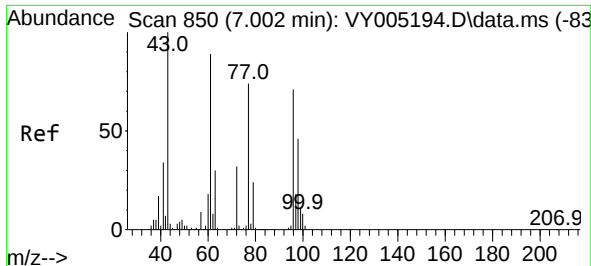
Tgt Ion: 43 Resp: 5740
Ion Ratio Lower Upper
43 100
58 35.6 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY005213.D
Acq: 24 Jun 2021 16:01

Tgt Ion: 84 Resp: 9813
Ion Ratio Lower Upper
84 100
49 101.9 86.9 130.3
51 32.9 27.4 41.2
86 64.6 51.0 76.6

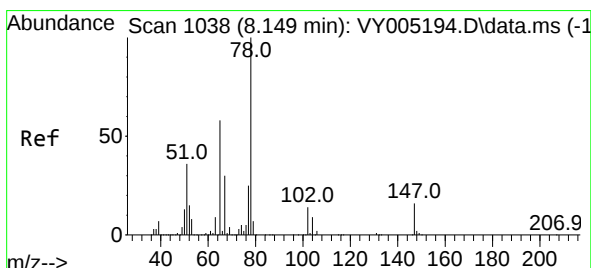
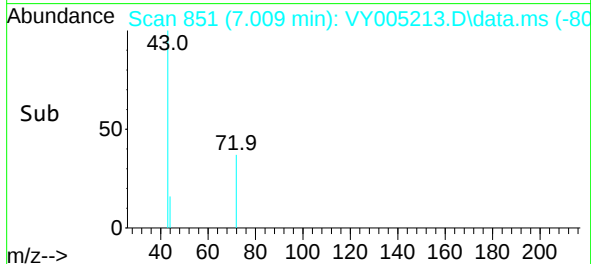
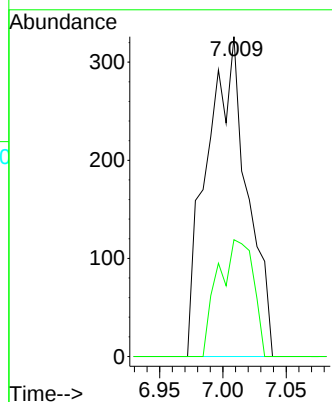
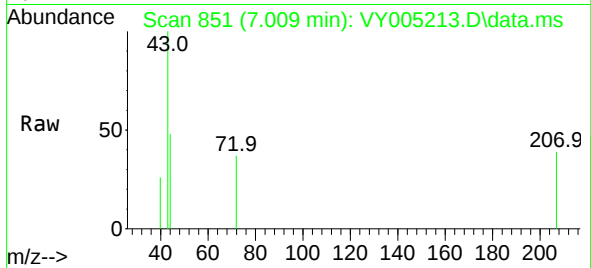




#25
2-Butanone
Concen: 1.144 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY005213.D
Acq: 24 Jun 2021 16:01

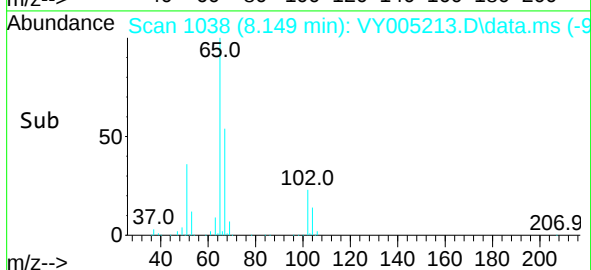
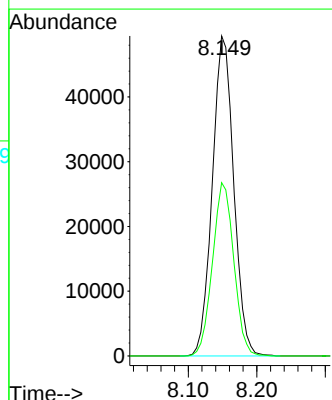
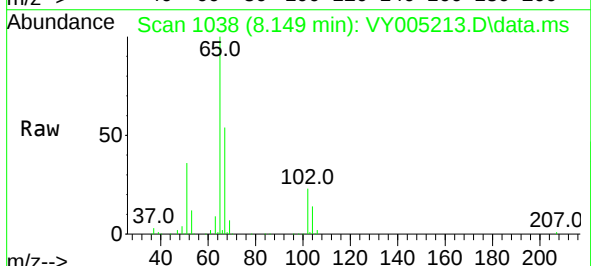
Instrument :
MSVOA_Y
ClientSampled :

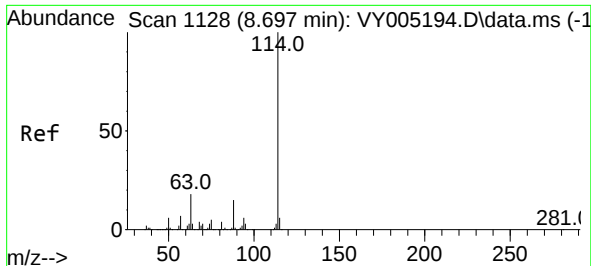
Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
72 36.5 25.3 37.9



#33
1,2-Dichloroethane-d4
Concen: 57.309 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005213.D
Acq: 24 Jun 2021 16:01

Tgt Ion: 65 Resp: 106912
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.6

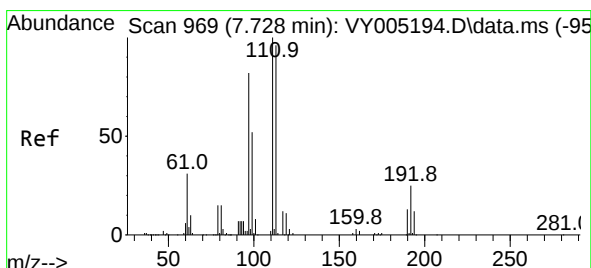
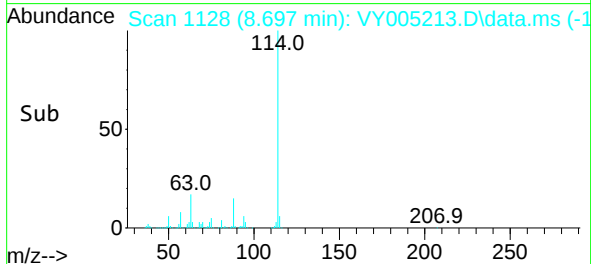
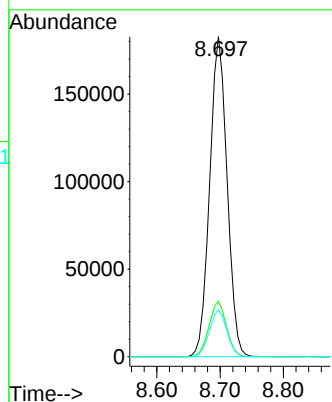
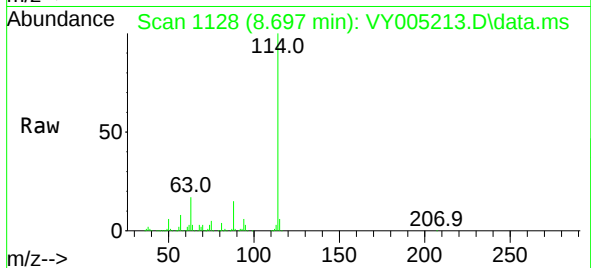




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005213.D
Acq: 24 Jun 2021 16:01

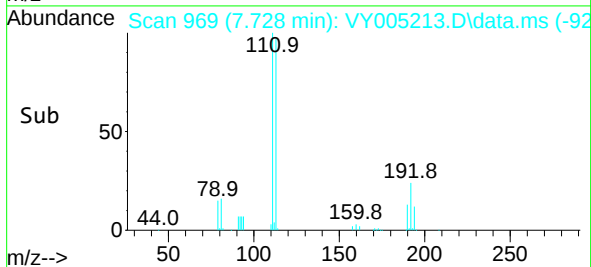
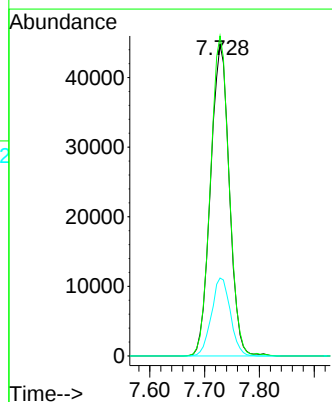
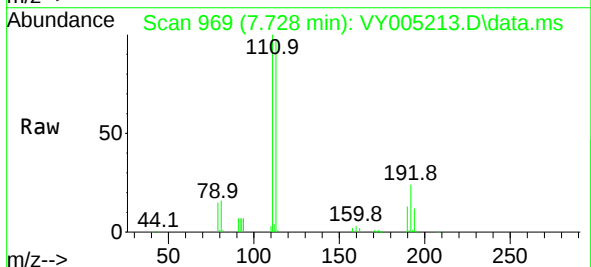
Instrument :
MSVOA_Y
ClientSampleId :

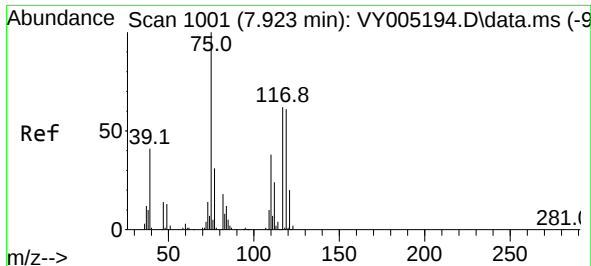
Tgt Ion:114 Resp: 348865
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.2
88 14.7 0.0 29.4



#35
Dibromofluoromethane
Concen: 51.740 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005213.D
Acq: 24 Jun 2021 16:01

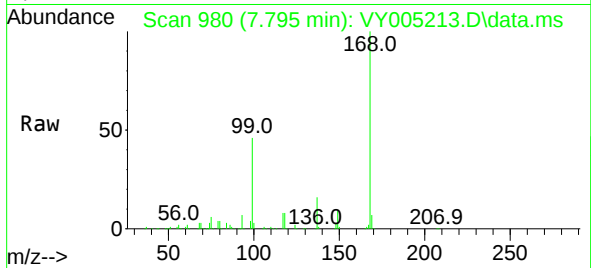
Tgt Ion:113 Resp: 106452
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 25.1 20.2 30.2



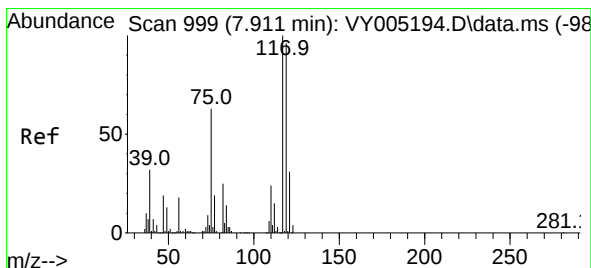
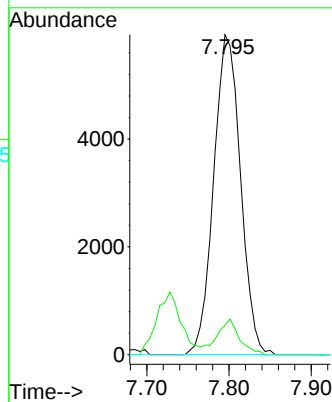
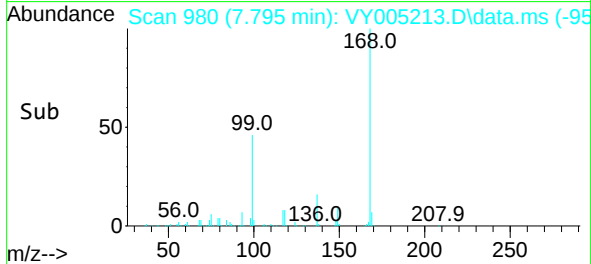


#36
 1,1-Dichloropropene
 Concen: 4.374 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005213.D
 Acq: 24 Jun 2021 16:01

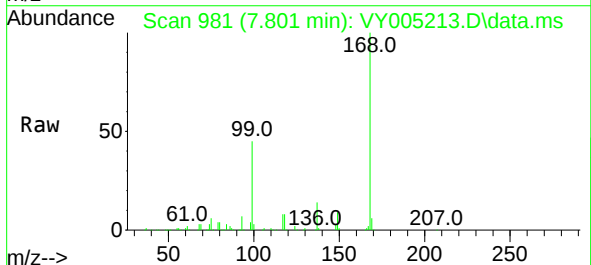
Instrument :
 MSVOA_Y
 ClientSampleId :



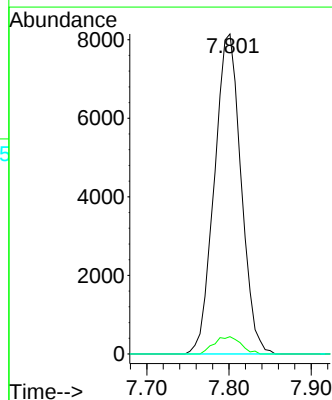
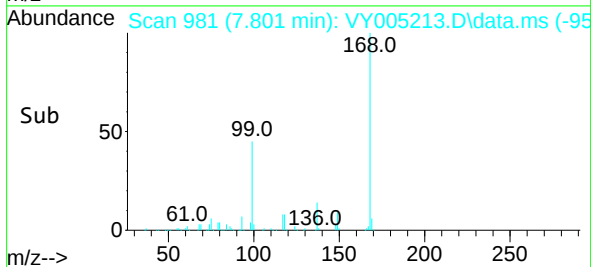
Tgt Ion: 75 Resp: 13437
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.1 57.5#
 77 0.0 25.2 37.8#

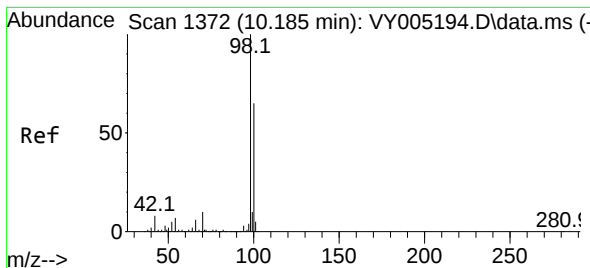


#38
 Carbon Tetrachloride
 Concen: 5.704 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY005213.D
 Acq: 24 Jun 2021 16:01



Tgt Ion: 117 Resp: 18343
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.2 114.4#
 121 0.0 24.7 37.1#

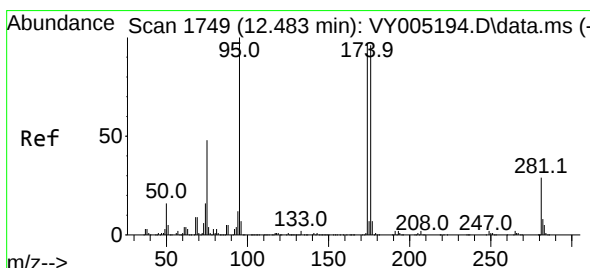
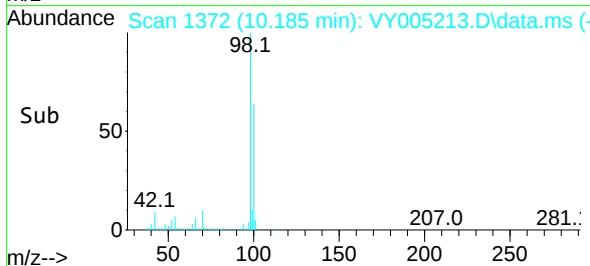
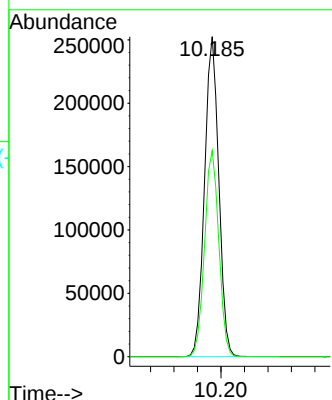
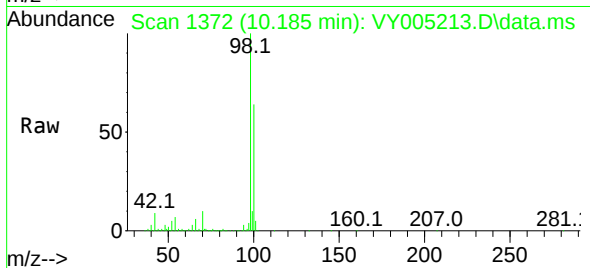




#50
Toluene-d8
Concen: 51.585 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005213.D
Acq: 24 Jun 2021 16:01

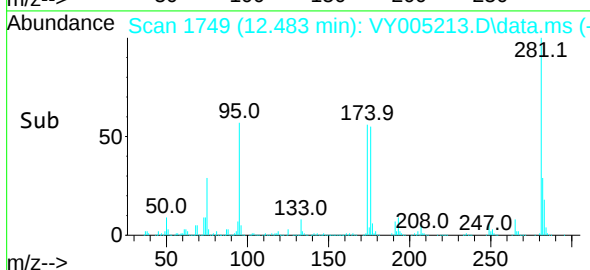
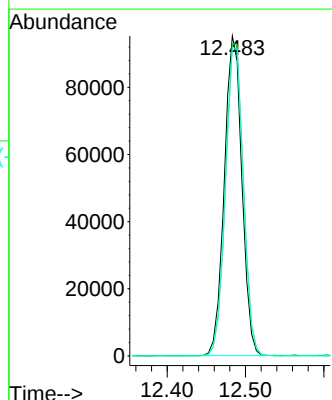
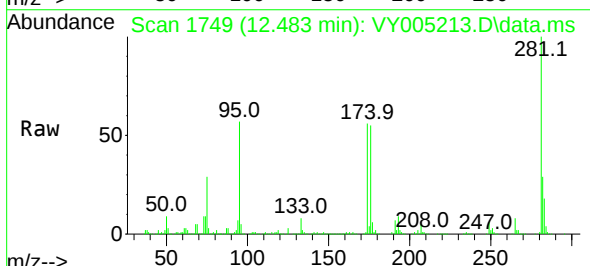
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MSVOA_Y
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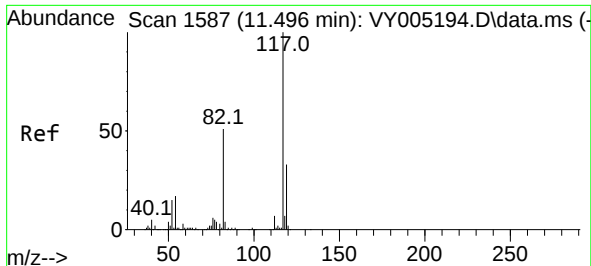
Tgt Ion: 98 Resp: 424438
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.194 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005213.D
Acq: 24 Jun 2021 16:01

Tgt Ion: 95 Resp: 148587
Ion Ratio Lower Upper
95 100
174 99.9 0.0 201.6
176 98.6 0.0 197.4

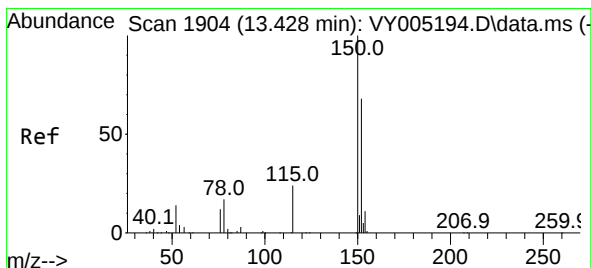
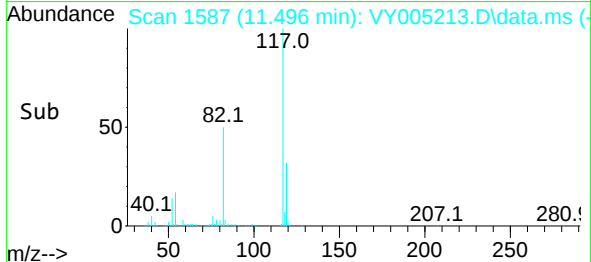
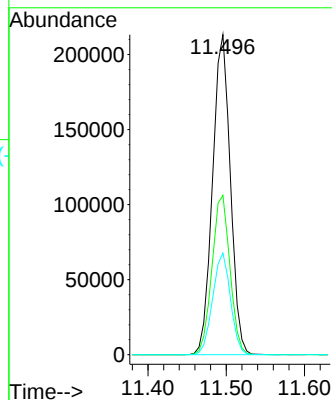
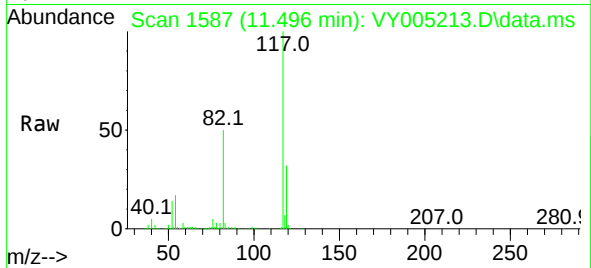




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005213.D
Acq: 24 Jun 2021 16:01

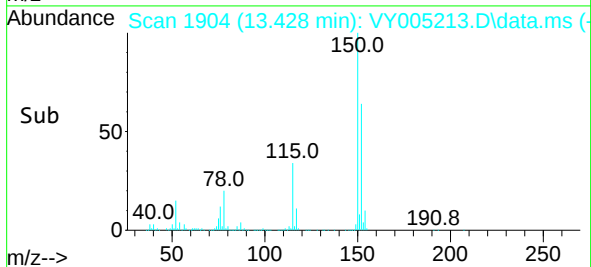
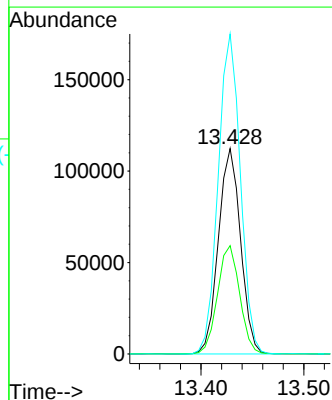
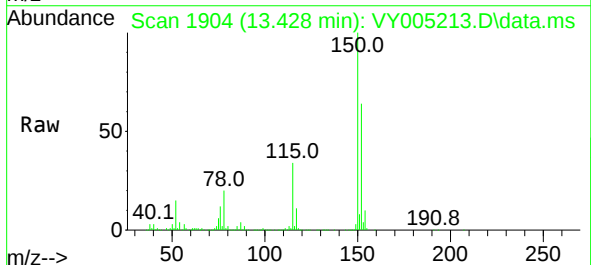
Instrument :
MSVOA_Y
ClientSampleId :

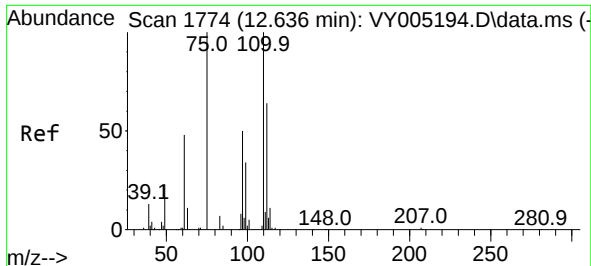
Tgt Ion:117 Resp: 336234
Ion Ratio Lower Upper
117 100
82 49.8 40.6 60.8
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005213.D
Acq: 24 Jun 2021 16:01

Tgt Ion:152 Resp: 168188
Ion Ratio Lower Upper
152 100
115 52.7 26.3 78.8
150 155.8 0.0 344.2

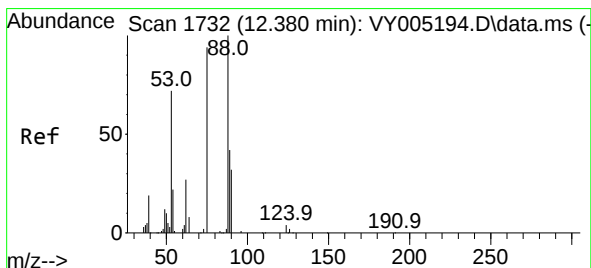
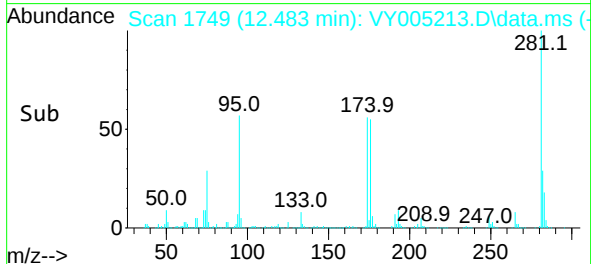
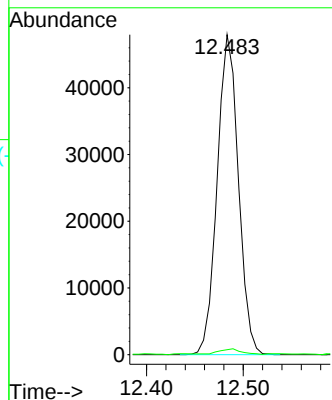
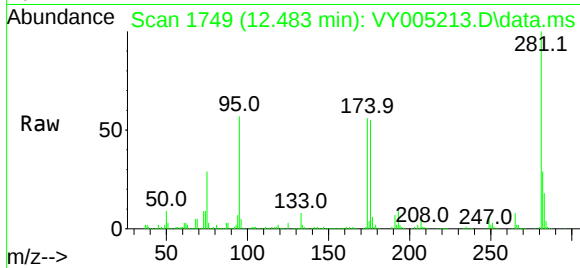




#76
1,2,3-Trichloropropane
Concen: 48.905 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005213.D
Acq: 24 Jun 2021 16:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 72949
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.246 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005213.D
Acq: 24 Jun 2021 16:01

Tgt Ion: 75 Resp: 72949
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 2.1 38.0 57.0#

