

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005204.D
 Acq On : 24 Jun 2021 12:32
 Operator : SY/MD
 Sample : M2829-02
 Misc : 5.76G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 25 04:33:28 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)

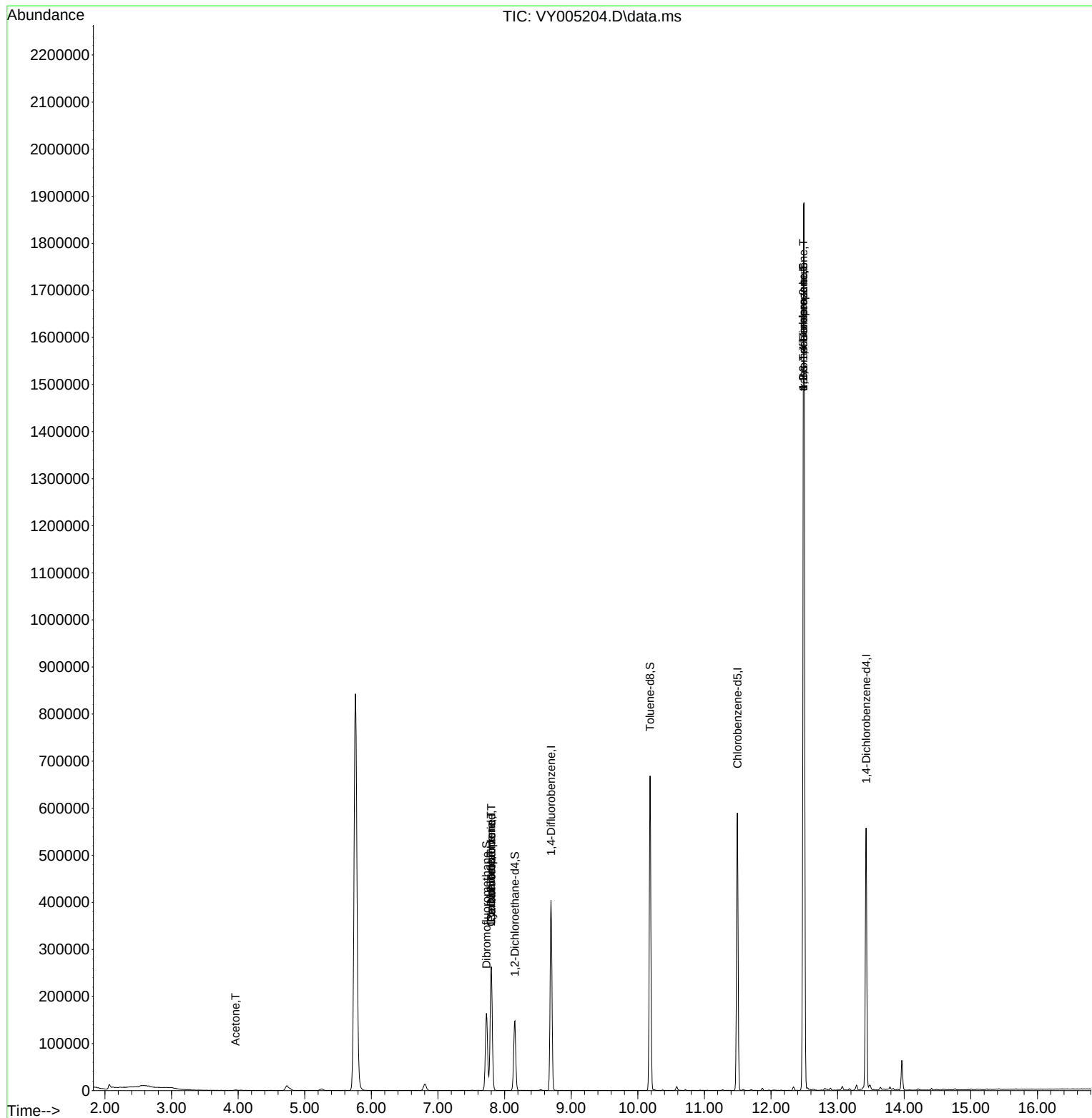
Internal Standards						
1) Pentafluorobenzene	7.801	168	229950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	366364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	351943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	115221	60.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.760%	
35) Dibromofluoromethane	7.728	113	114804	53.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.260%	
50) Toluene-d8	10.185	98	441254	51.067	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.140%	
62) 4-Bromofluorobenzene	12.483	95	148094	51.434	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	417	Below Cal	#	77
16) Acetone	3.960	43	1881	4.267	ug/l	99
20) Methylene Chloride	4.728	84	7958	Below Cal		98
31) Cyclohexane	7.795	56	6477	1.901	ug/l #	30
36) 1,1-Dichloropropene	7.795	75	13671	4.238	ug/l #	48
38) Carbon Tetrachloride	7.801	117	18339	5.430	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	75729	54.784	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75729	102.214	ug/l #	19

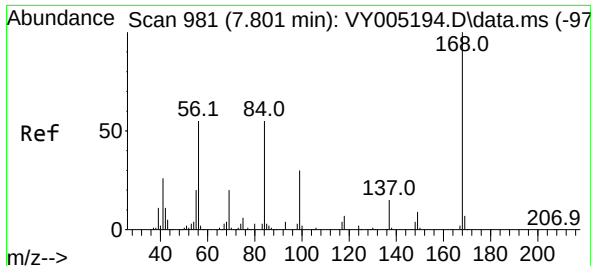
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 7 Sample Multiplier: 1

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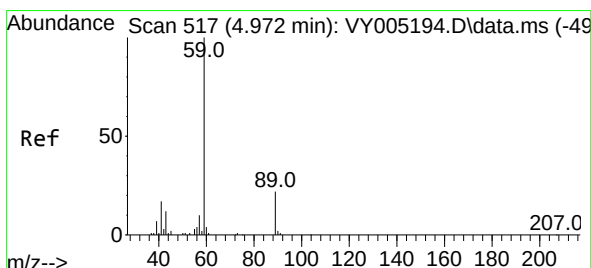
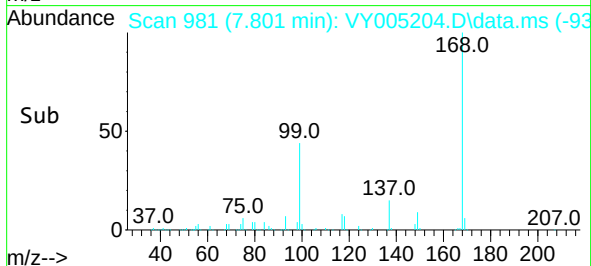
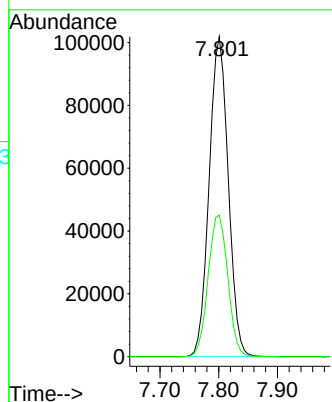
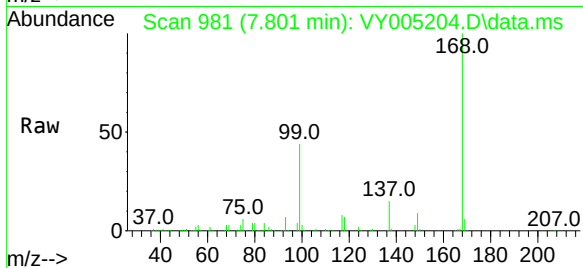




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005204.D
Acq: 24 Jun 2021 12:32

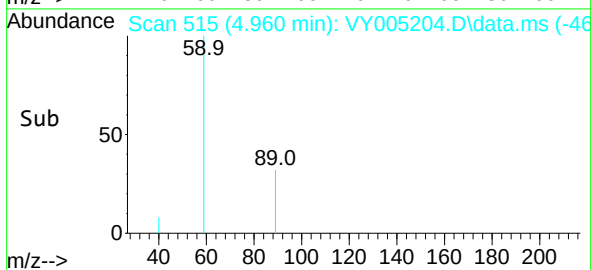
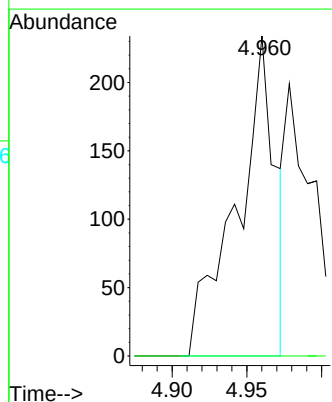
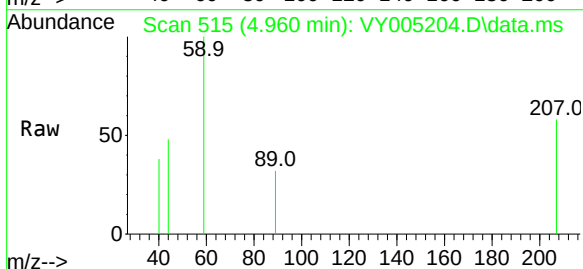
Instrument :
MSVOA_Y
ClientSampled :

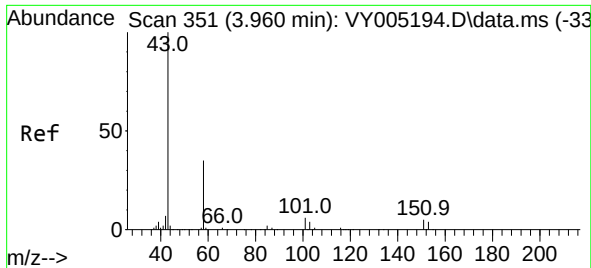
Tgt Ion:168 Resp: 229950
Ion Ratio Lower Upper
168 100
99 44.3 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY005204.D
Acq: 24 Jun 2021 12:32

Tgt Ion: 59 Resp: 417
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

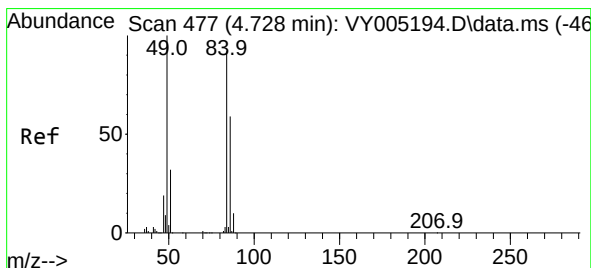
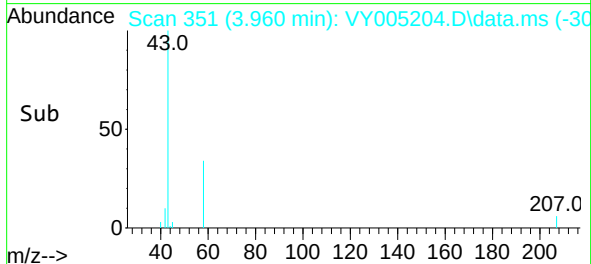
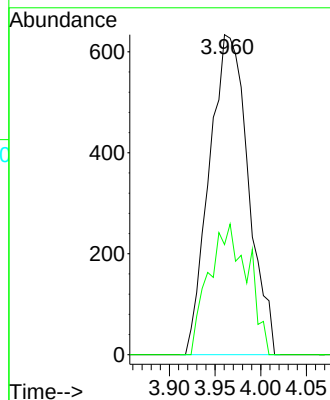
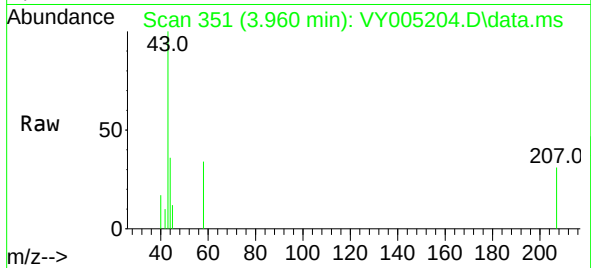




#16
Acetone
Concen: 4.267 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005204.D
Acq: 24 Jun 2021 12:32

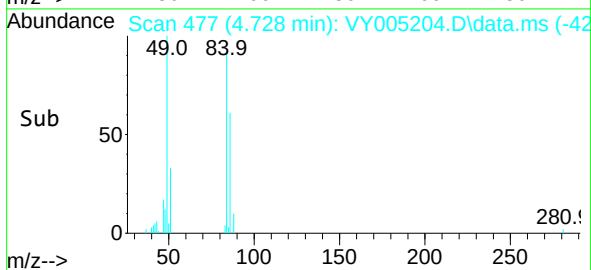
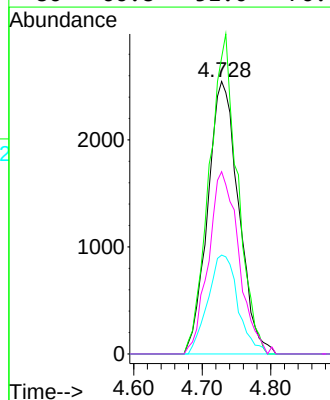
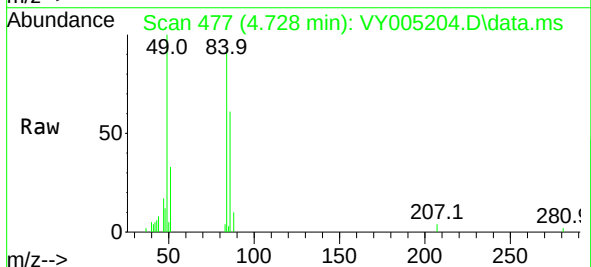
Instrument :
MSVOA_Y
ClientSampleId :

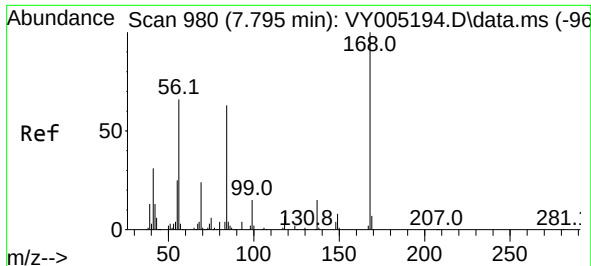
Tgt Ion: 43 Resp: 1881
Ion Ratio Lower Upper
43 100
58 34.4 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005204.D
Acq: 24 Jun 2021 12:32

Tgt Ion: 84 Resp: 7958
Ion Ratio Lower Upper
84 100
49 108.8 86.9 130.3
51 36.3 27.4 41.2
86 66.8 51.0 76.6

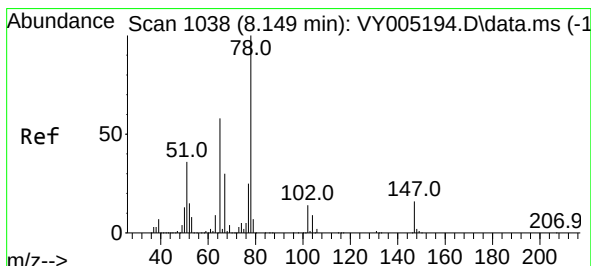
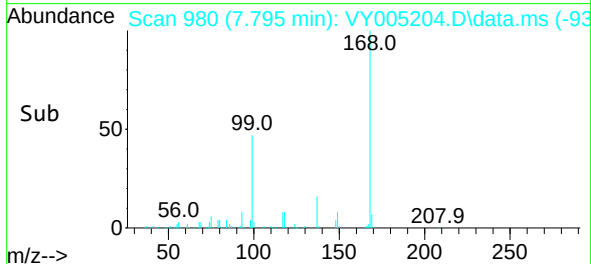
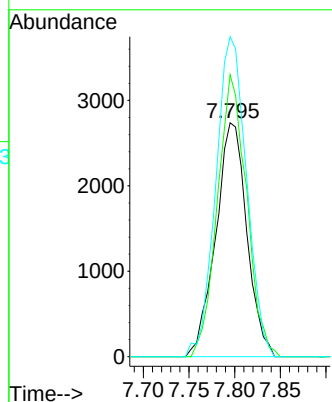
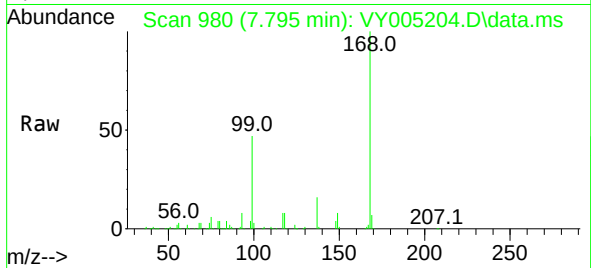




#31
Cyclohexane
Concen: 1.901 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005204.D
Acq: 24 Jun 2021 12:32

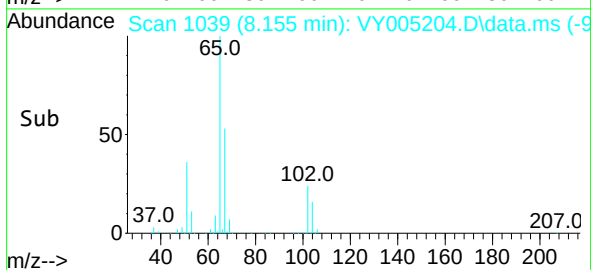
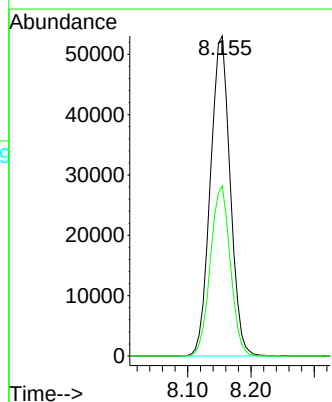
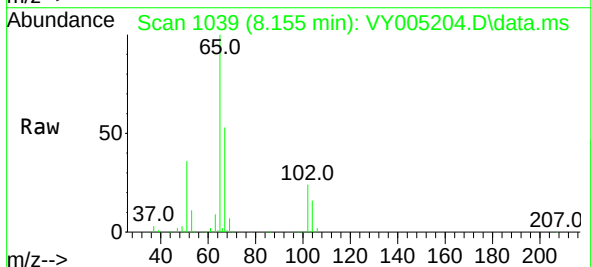
Instrument :
MSVOA_Y
ClientSampleId :

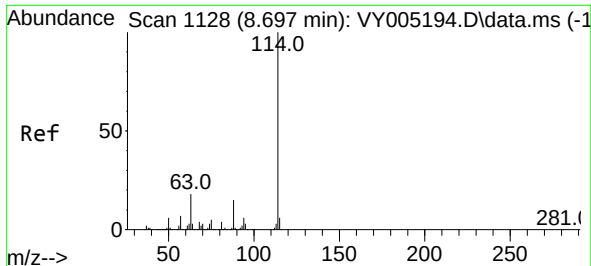
Tgt Ion: 56 Resp: 6477
Ion Ratio Lower Upper
56 100
69 120.5 29.6 44.4#
84 136.8 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 60.380 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY005204.D
Acq: 24 Jun 2021 12:32

Tgt Ion: 65 Resp: 115221
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.6

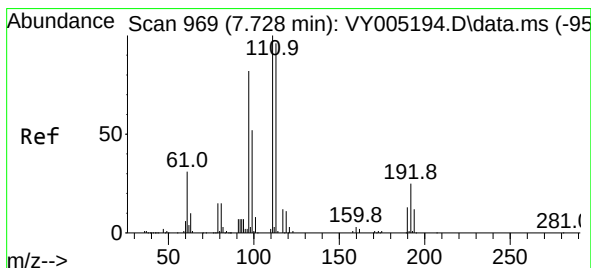
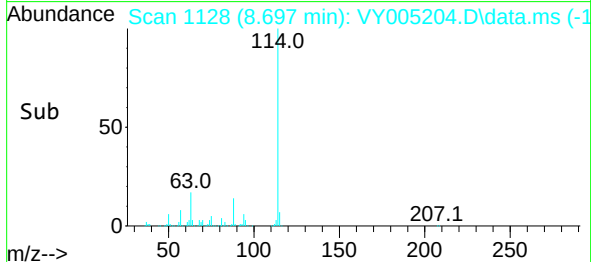
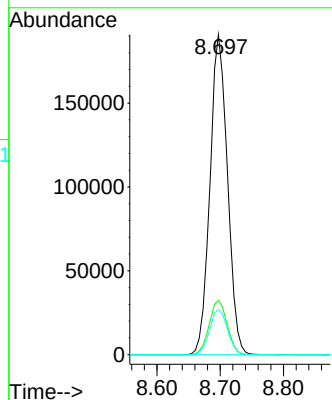
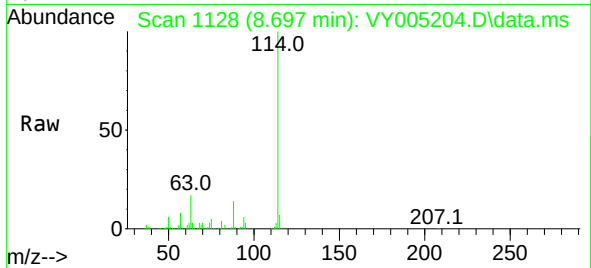




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005204.D
Acq: 24 Jun 2021 12:32

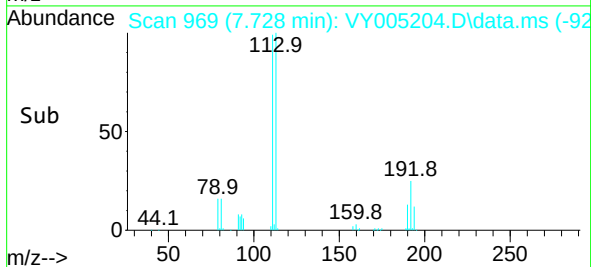
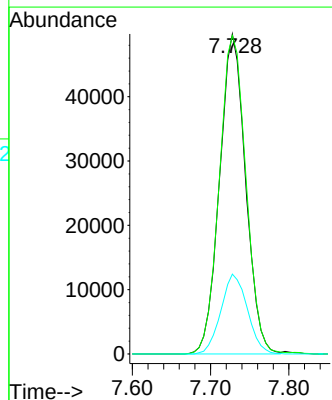
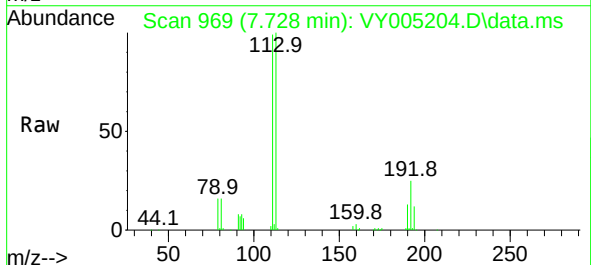
Instrument :
MSVOA_Y
ClientSampleId :

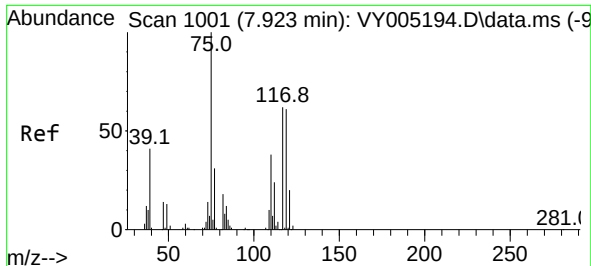
Tgt Ion:114 Resp: 366364
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.2
88 14.2 0.0 29.4



#35
Dibromofluoromethane
Concen: 53.134 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005204.D
Acq: 24 Jun 2021 12:32

Tgt Ion:113 Resp: 114804
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 25.4 20.2 30.2

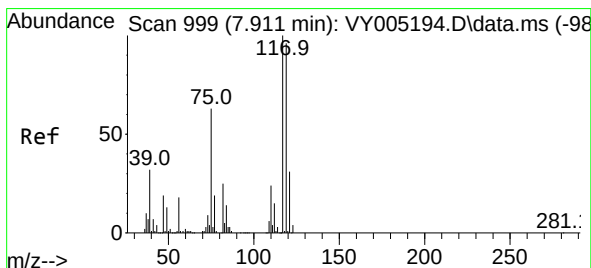
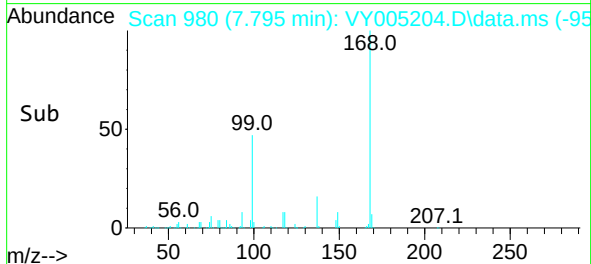
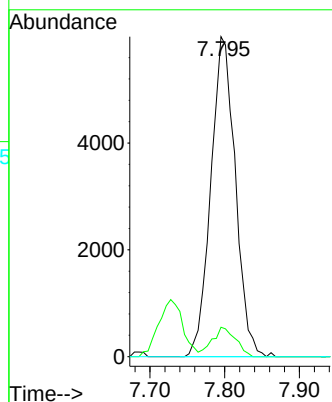
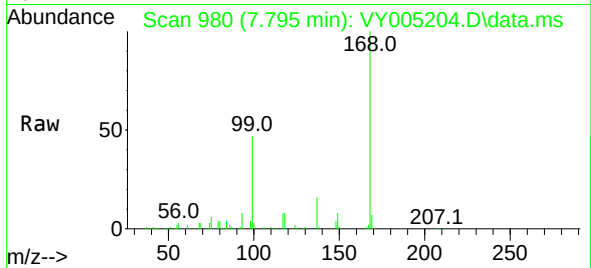




#36
 1,1-Dichloropropene
 Concen: 4.238 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005204.D
 Acq: 24 Jun 2021 12:32

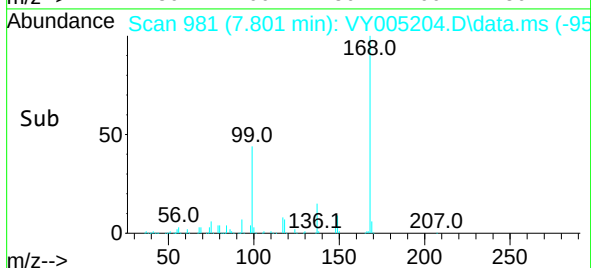
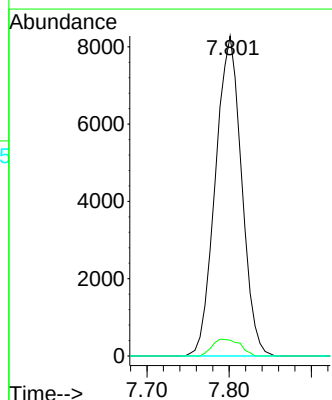
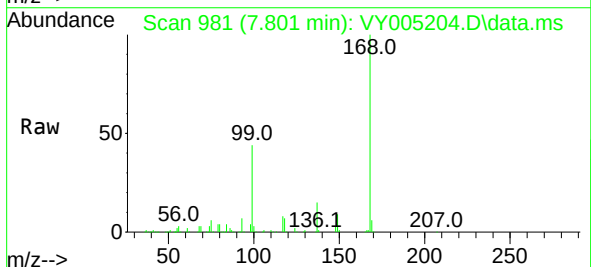
Instrument :
 MSVOA_Y
 ClientSampled :

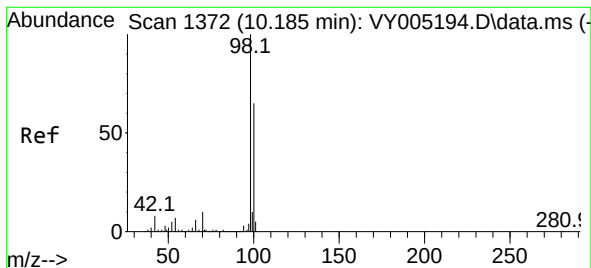
Tgt Ion: 75 Resp: 13671
 Ion Ratio Lower Upper
 75 100
 110 8.8 19.1 57.5#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 5.430 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY005204.D
 Acq: 24 Jun 2021 12:32

Tgt Ion: 117 Resp: 18339
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.2 114.4#
 121 0.0 24.7 37.1#

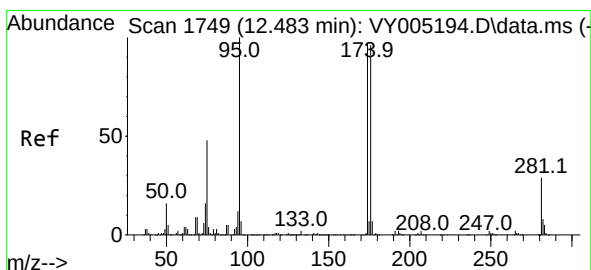
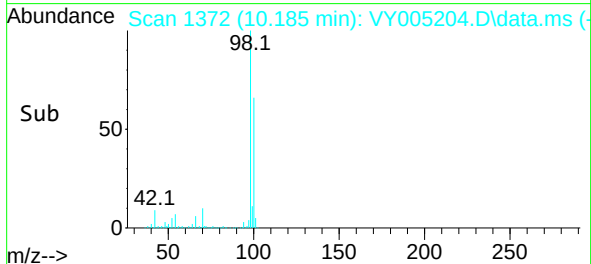
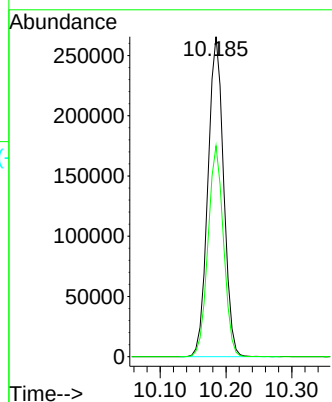
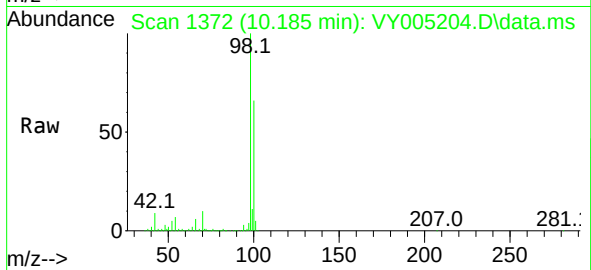




#50
Toluene-d8
Concen: 51.067 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005204.D
Acq: 24 Jun 2021 12:32

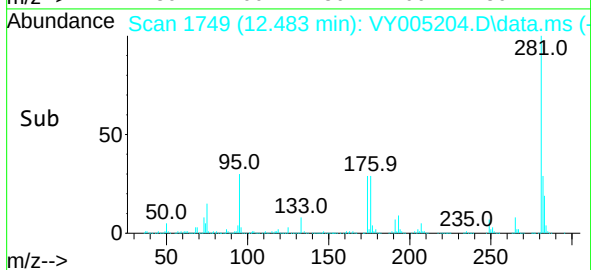
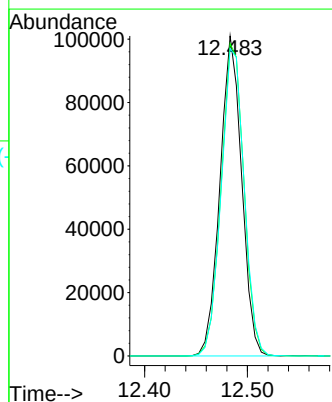
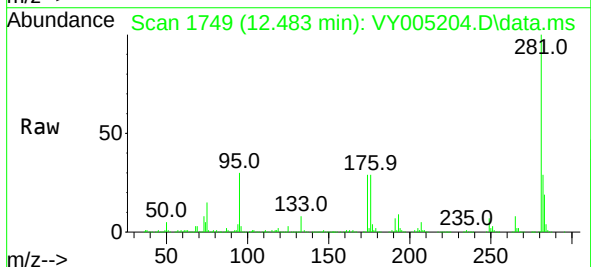
Instrument :
MSVOA_Y
ClientSampleId :

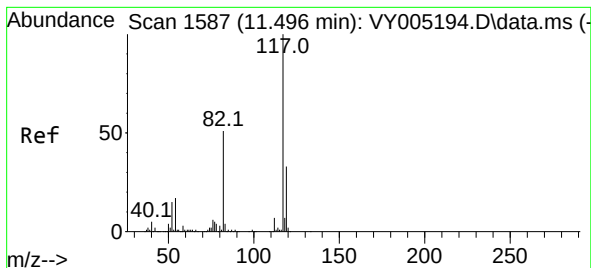
Tgt Ion: 98 Resp: 441254
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.434 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005204.D
Acq: 24 Jun 2021 12:32

Tgt Ion: 95 Resp: 148094
Ion Ratio Lower Upper
95 100
174 101.9 0.0 201.6
176 101.5 0.0 197.4

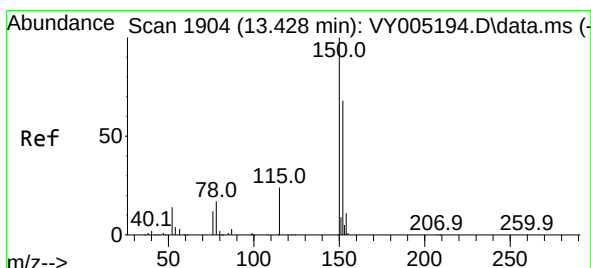
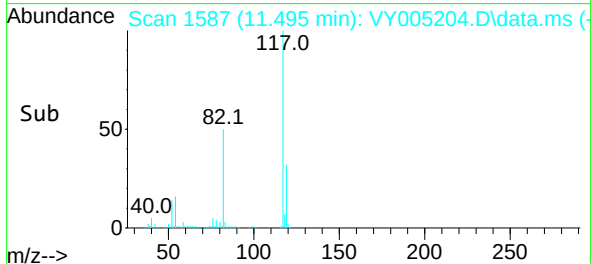
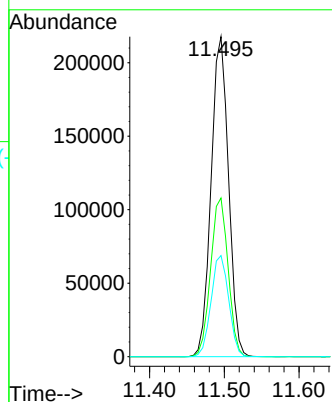
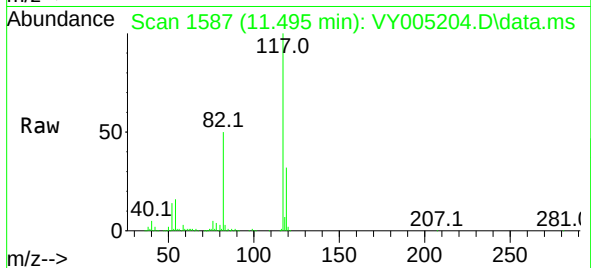




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005204.D
Acq: 24 Jun 2021 12:32

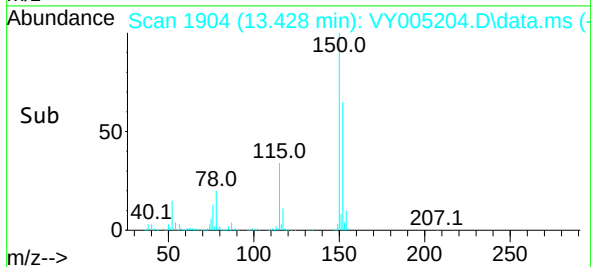
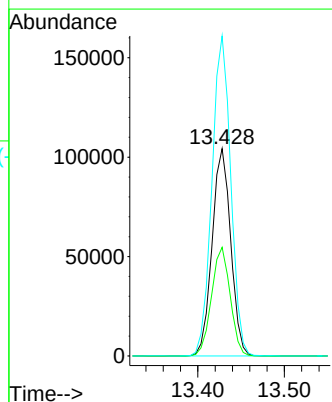
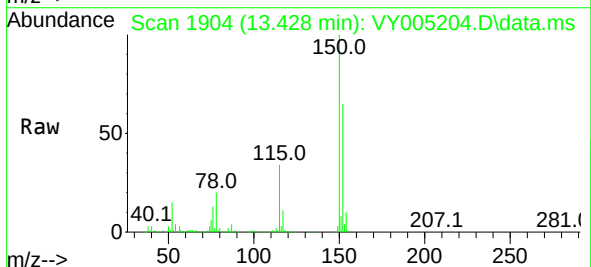
Instrument :
MSVOA_Y
ClientSampleId :

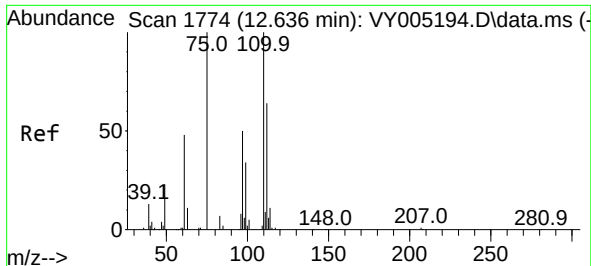
Tgt Ion:117 Resp: 351943
Ion Ratio Lower Upper
117 100
82 49.6 40.6 60.8
119 31.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005204.D
Acq: 24 Jun 2021 12:32

Tgt Ion:152 Resp: 155863
Ion Ratio Lower Upper
152 100
115 52.4 26.3 78.8
150 155.9 0.0 344.2

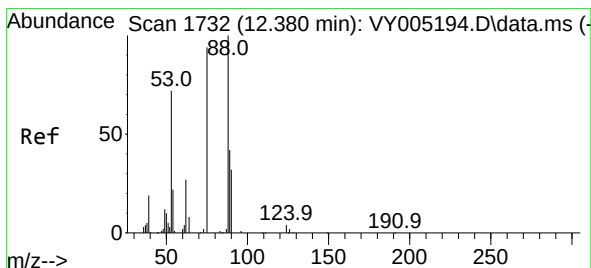
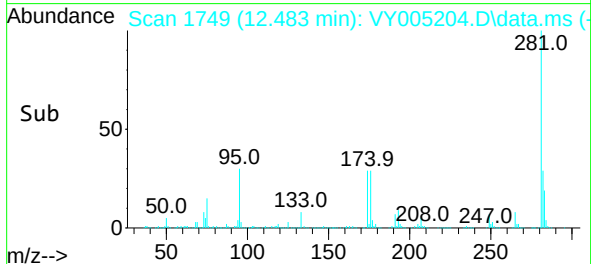
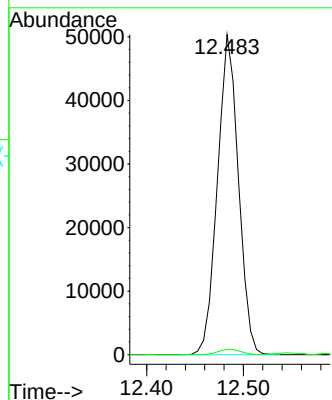
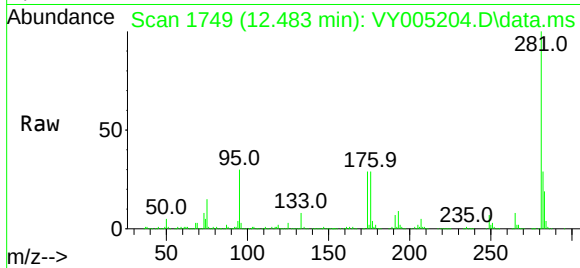




#76
1,2,3-Trichloropropane
Concen: 54.784 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005204.D
Acq: 24 Jun 2021 12:32

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 75729
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.214 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005204.D
Acq: 24 Jun 2021 12:32

Tgt Ion: 75 Resp: 75729
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 3.8 38.0 57.0#

