

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005802.D
 Acq On : 20 Aug 2021 18:47
 Operator : SY/MD
 Sample : M3502-01
 Misc : 6.68G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:10:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

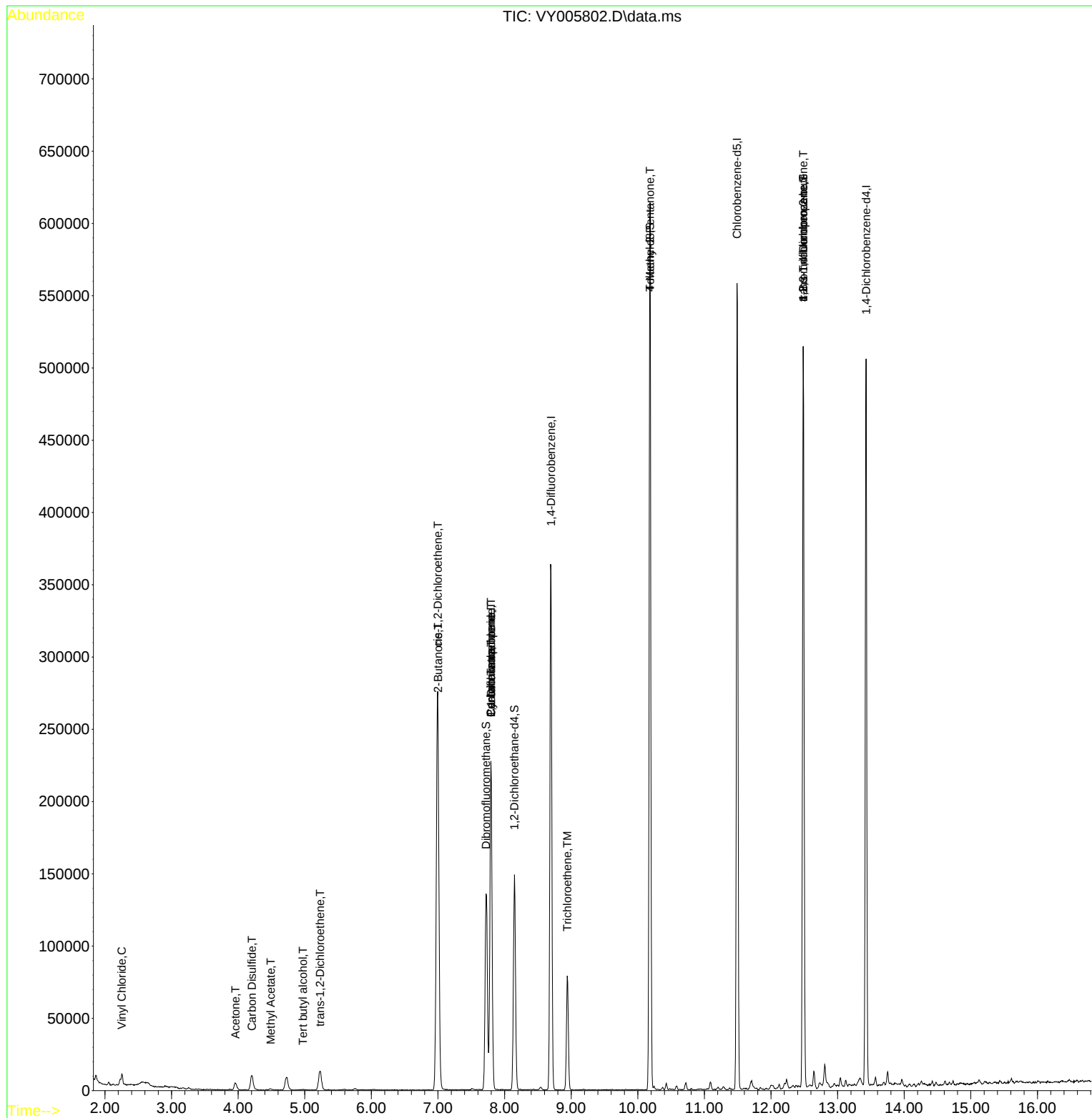
Internal Standards						
1) Pentafluorobenzene	7.795	168	184096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	310230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	300751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119311	64.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.040%	
35) Dibromofluoromethane	7.722	113	94985	54.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.380%	
50) Toluene-d8	10.185	98	394890	54.210	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.420%	
62) 4-Bromofluorobenzene	12.483	95	125607	52.071	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.140%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	7381	3.412	ug/l	95
11) Tert butyl alcohol	4.972	59	686	3.724	ug/l #	73
16) Acetone	3.960	43	9003	19.162	ug/l	98
17) Carbon Disulfide	4.204	76	19214	3.929	ug/l #	92
18) Methyl Acetate	4.491	43	1496	1.217	ug/l #	70
20) Methylene Chloride	4.729	84	6692	Below Cal	#	82
21) trans-1,2-Dichloroethene	5.228	96	9067	5.112	ug/l	98
25) 2-Butanone	7.003	43	1927	2.775	ug/l #	1
27) cis-1,2-Dichloroethene	6.996	96	172249	85.382	ug/l	91
31) Cyclohexane	7.795	56	3708	1.160	ug/l #	2
36) 1,1-Dichloropropene	7.795	75	13683	4.702	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16703	5.282	ug/l #	17
44) Trichloroethene	8.941	130	27768	12.210	ug/l	98
51) 4-Methyl-2-Pentanone	10.185	43	1831	1.042	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	70038	52.192	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70038	105.212	ug/l #	11

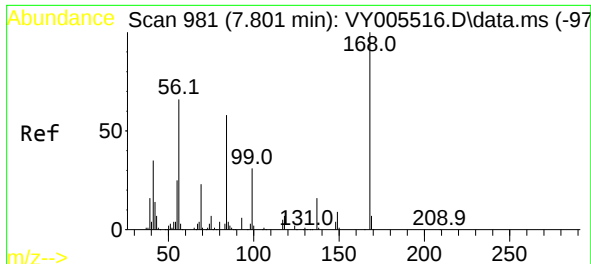
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

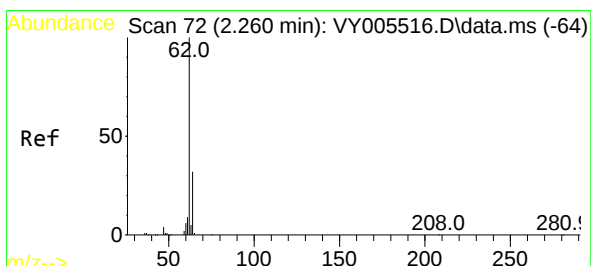
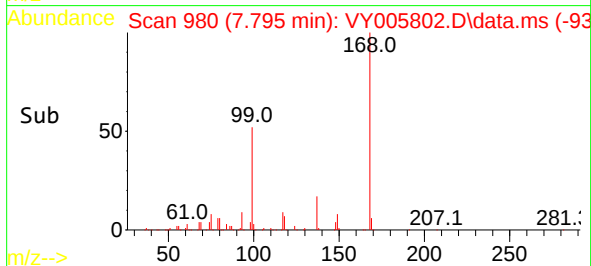
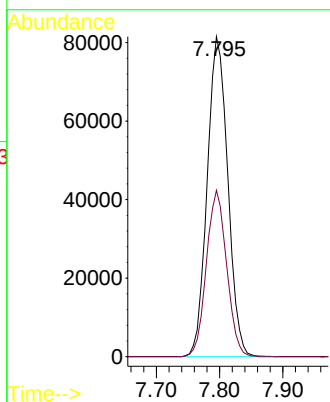
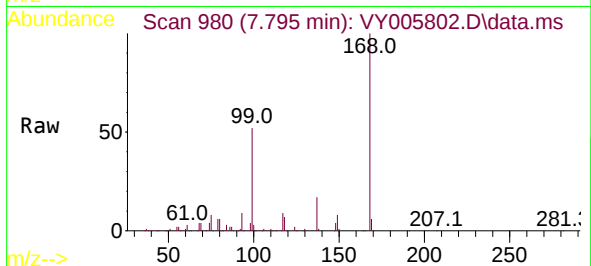




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

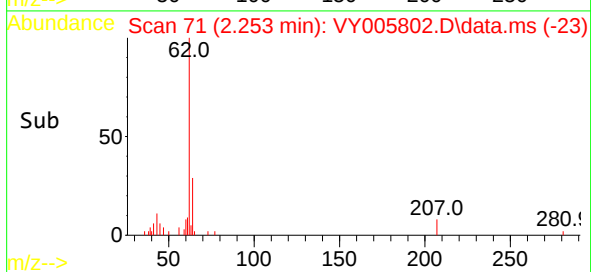
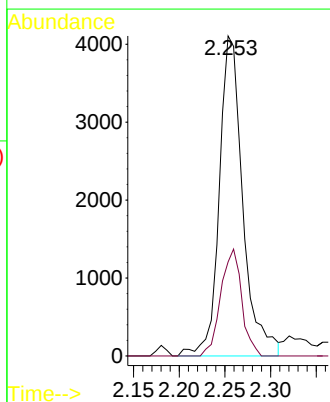
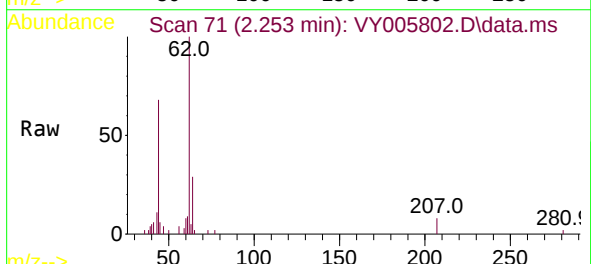
Instrument :
MSVOA_Y
ClientSampled :

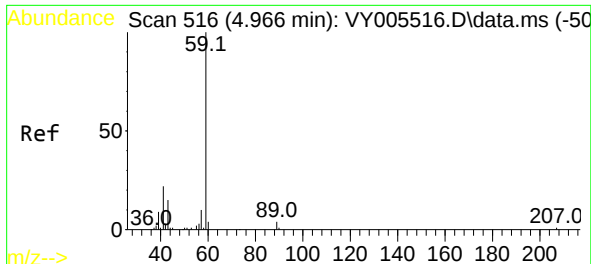
Tgt Ion:168 Resp: 184096
Ion Ratio Lower Upper
168 100
99 52.0 38.9 58.3



#4
Vinyl Chloride
Concen: 3.412 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

Tgt Ion: 62 Resp: 7381
Ion Ratio Lower Upper
62 100
64 29.4 25.9 38.9

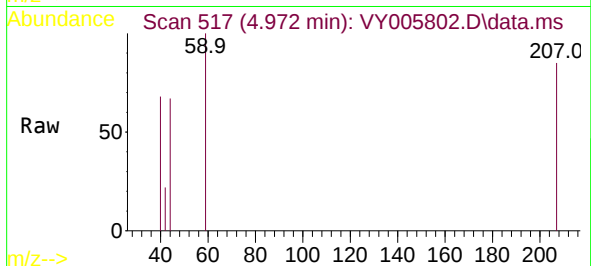




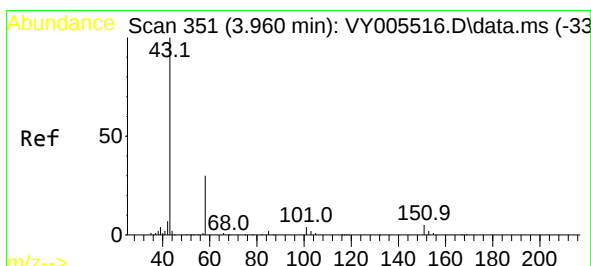
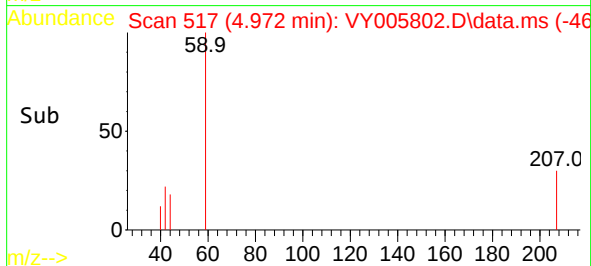
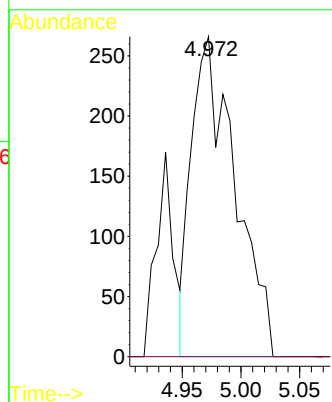
#11

Tert butyl alcohol
Concen: 3.724 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

Instrument :
MSVOA_Y
ClientSampled :



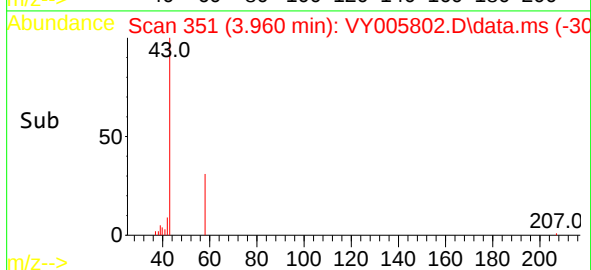
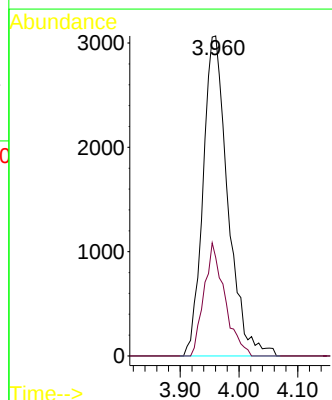
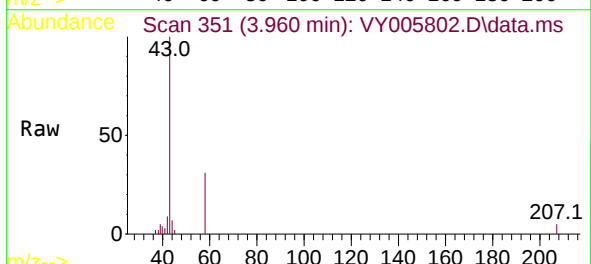
Tgt Ion: 59 Resp: 686
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

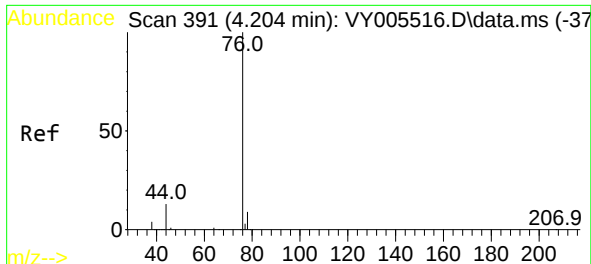


#16

Acetone
Concen: 19.162 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

Tgt Ion: 43 Resp: 9003
Ion Ratio Lower Upper
43 100
58 30.8 23.8 35.6

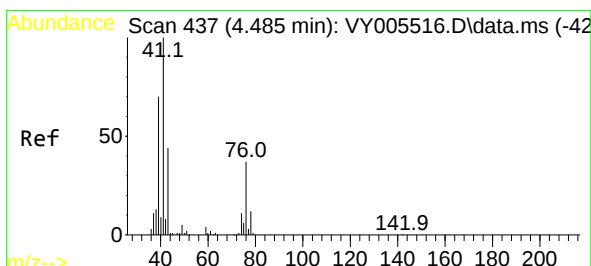
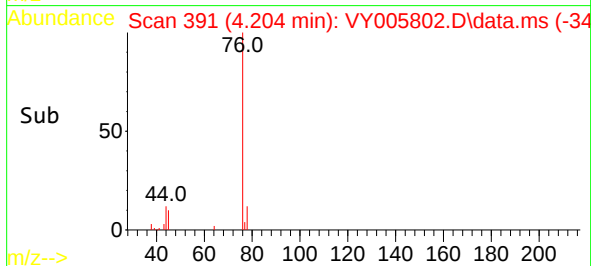
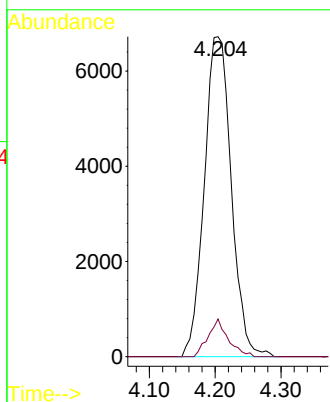
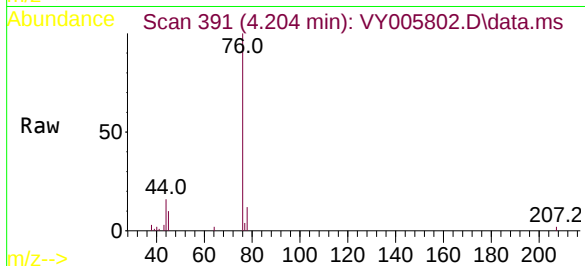




#17
Carbon Disulfide
Concen: 3.929 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

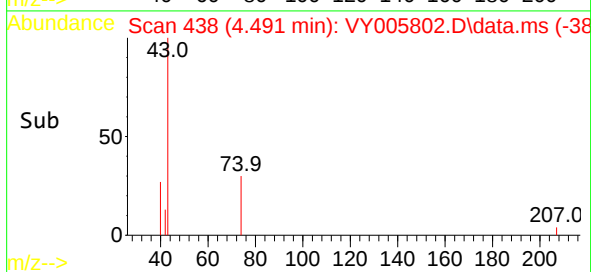
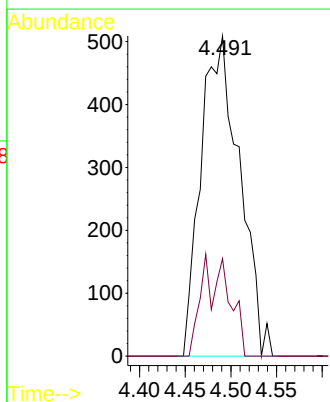
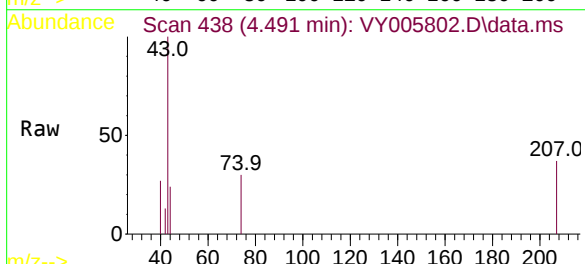
Instrument :
MSVOA_Y
ClientSampled :

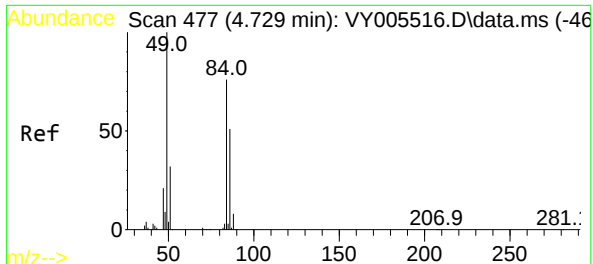
Tgt Ion: 76 Resp: 19214
Ion Ratio Lower Upper
76 100
78 11.8 7.0 10.6#



#18
Methyl Acetate
Concen: 1.217 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

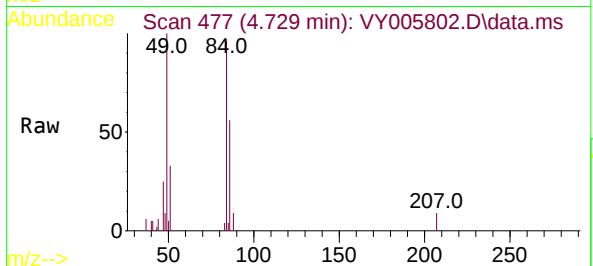
Tgt Ion: 43 Resp: 1496
Ion Ratio Lower Upper
43 100
74 9.3 19.0 28.6#



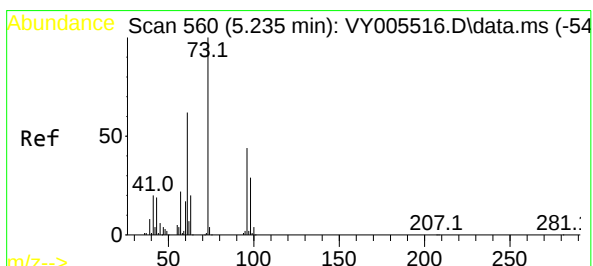
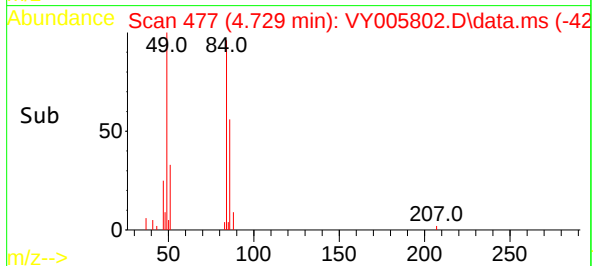
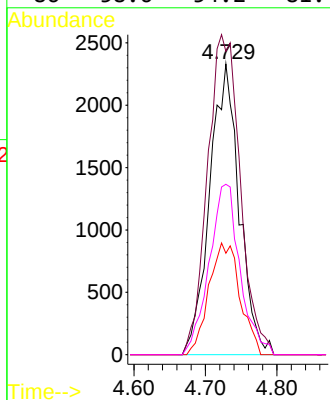


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

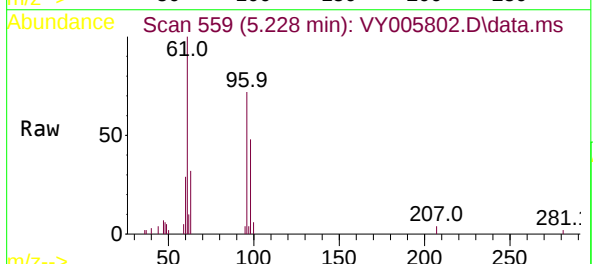
Instrument :
MSVOA_Y
ClientSampled :



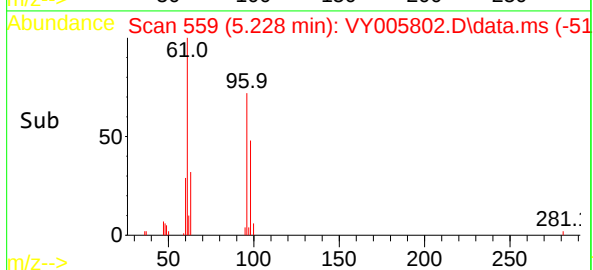
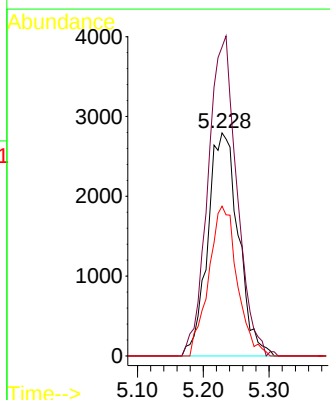
Tgt Ion:	84	Resp:	6692
Ion	Ratio	Lower	Upper
84	100		
49	104.4	105.8	158.6#
51	34.9	33.4	50.2
86	58.6	54.2	81.4

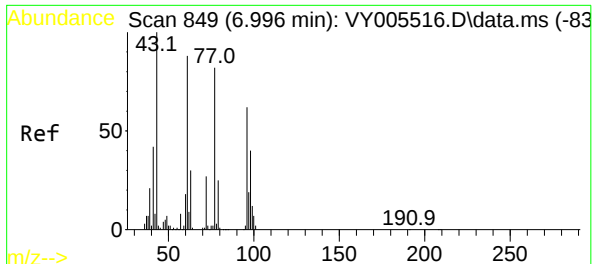


#21
trans-1,2-Dichloroethene
Concen: 5.112 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47



Tgt Ion:	96	Resp:	9067
Ion	Ratio	Lower	Upper
96	100		
61	138.5	112.6	168.8
98	67.2	52.2	78.4

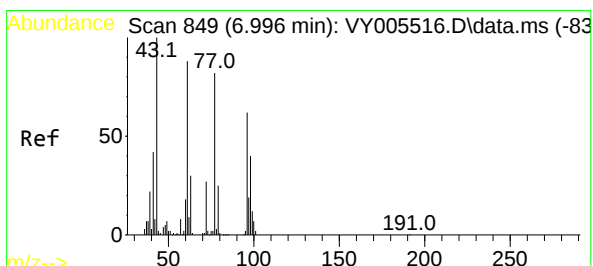
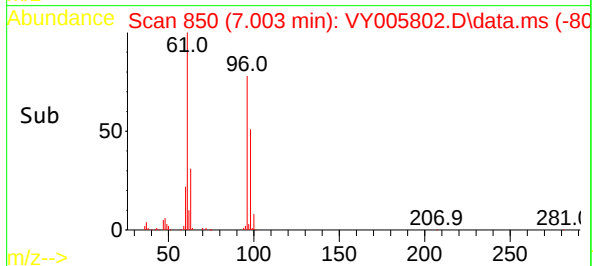
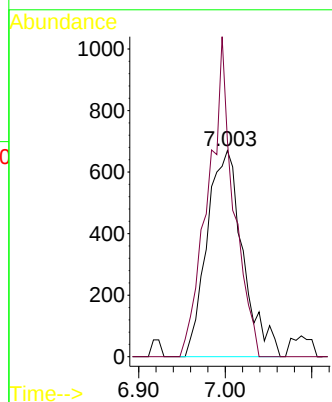
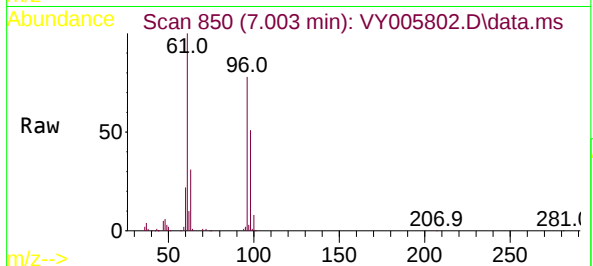




#25
2-Butanone
Concen: 2.775 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

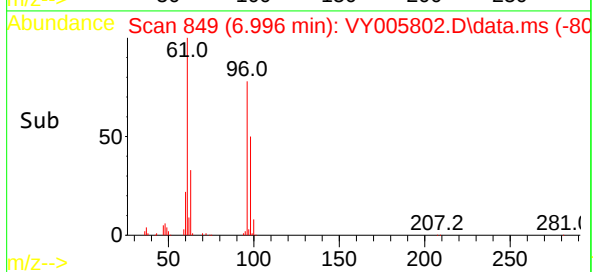
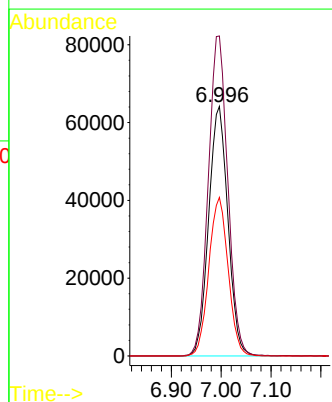
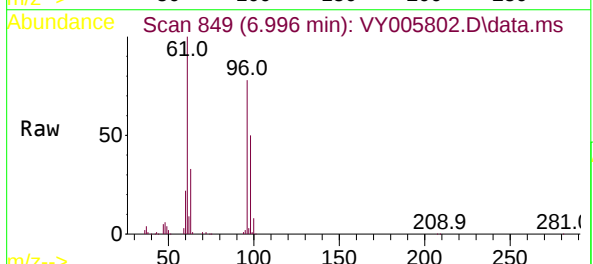
Instrument :
MSVOA_Y
ClientSampled :

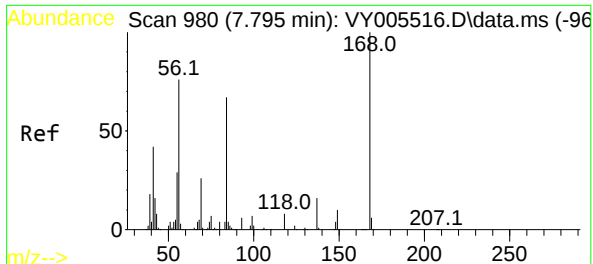
Tgt Ion: 43 Resp: 1927
Ion Ratio Lower Upper
43 100
72 104.9 21.4 32.2#



#27
cis-1,2-Dichloroethene
Concen: 85.382 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

Tgt Ion: 96 Resp: 172249
Ion Ratio Lower Upper
96 100
61 129.8 0.0 290.0
98 63.7 0.0 128.0

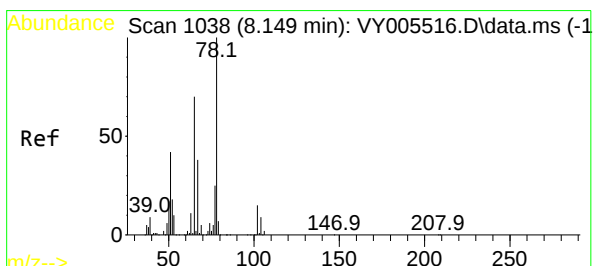
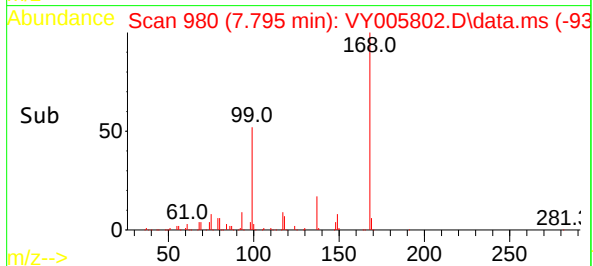
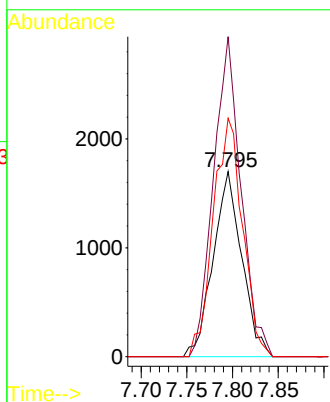
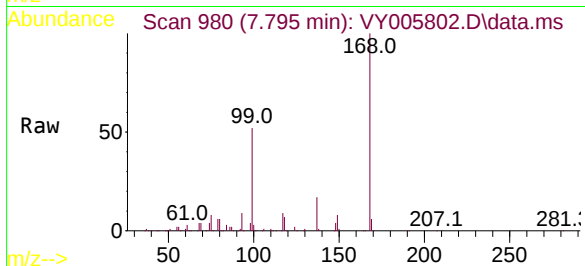




#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

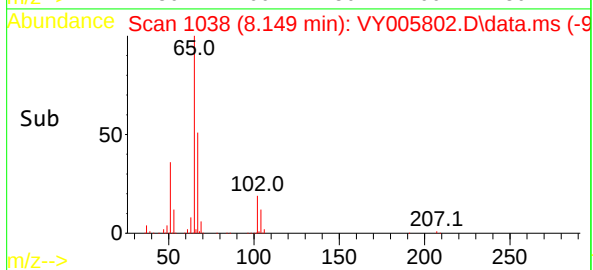
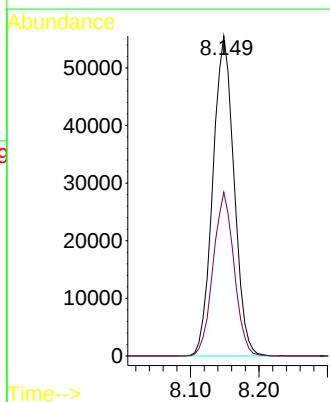
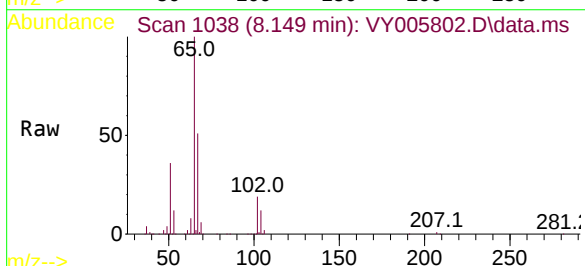
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MSVOA_Y
ClientSampleId :

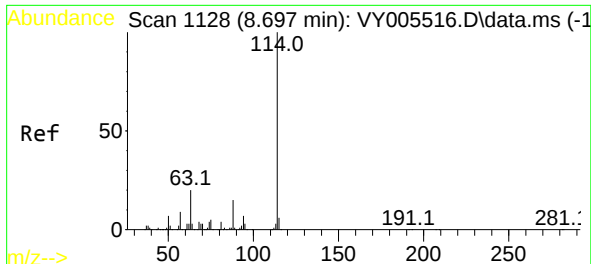
Tgt Ion: 56 Resp: 3708
Ion Ratio Lower Upper
56 100
69 172.8 27.7 41.5#
84 128.7 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 64.025 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

Tgt Ion: 65 Resp: 119311
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4

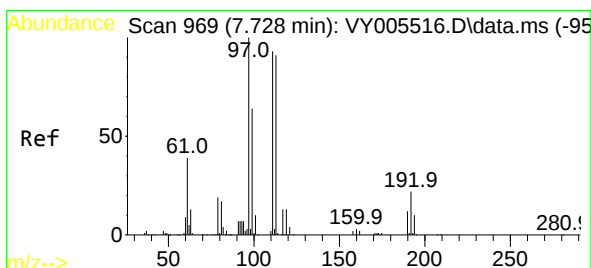
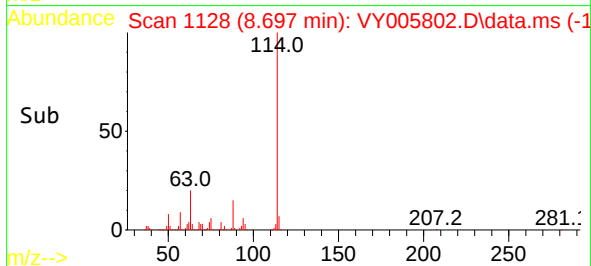
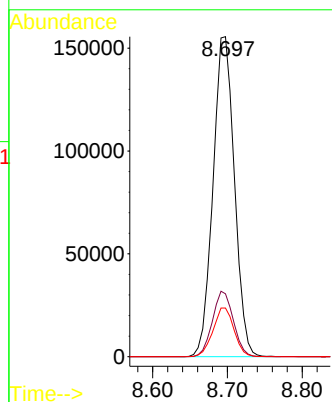
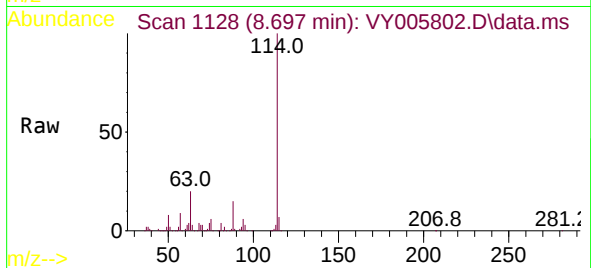




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

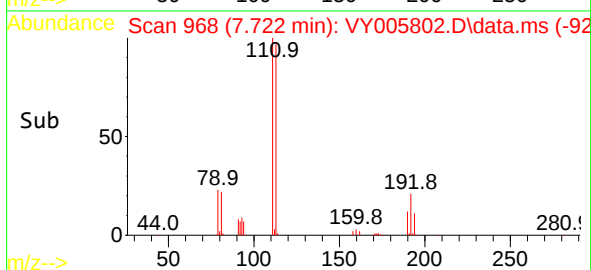
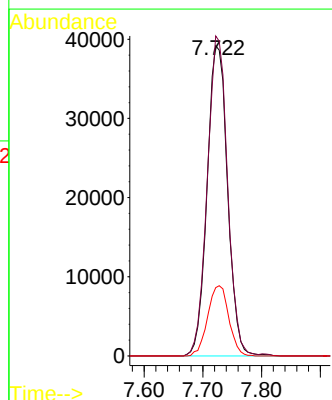
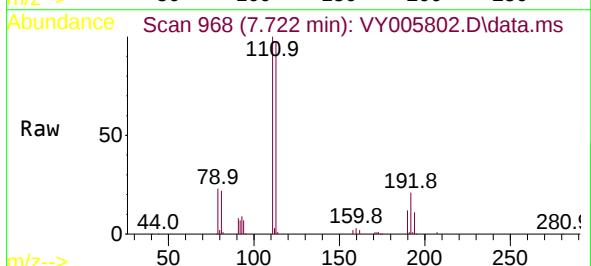
Instrument :
MSVOA_Y
ClientSampleId :

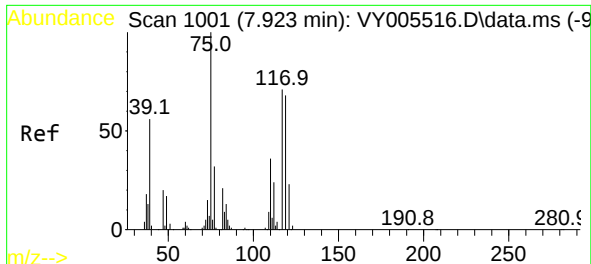
Tgt Ion:114 Resp: 310230
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 15.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.686 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

Tgt Ion:113 Resp: 94985
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 23.3 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.702 ug/l

RT: 7.795 min Scan# 980

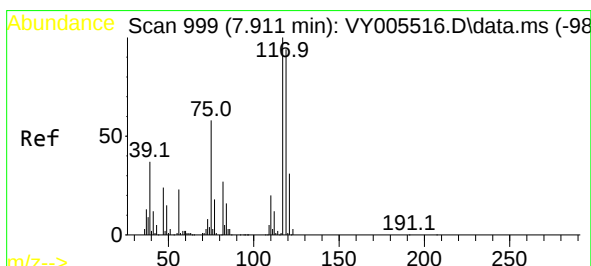
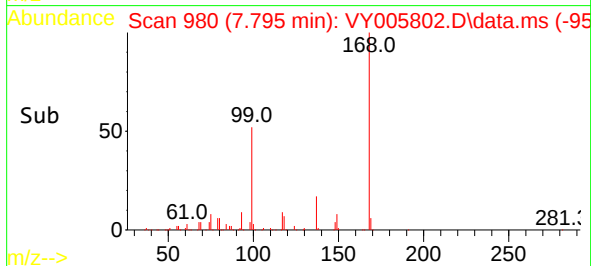
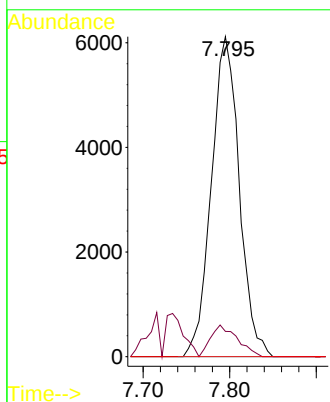
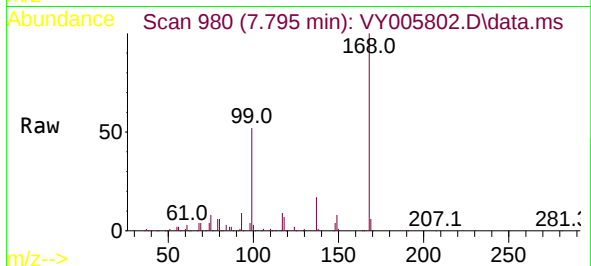
Delta R.T. -0.128 min

Lab File: VY005802.D

Acq: 20 Aug 2021 18:47

Tgt Ion:	75	Resp:	13683
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.1#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.282 ug/l

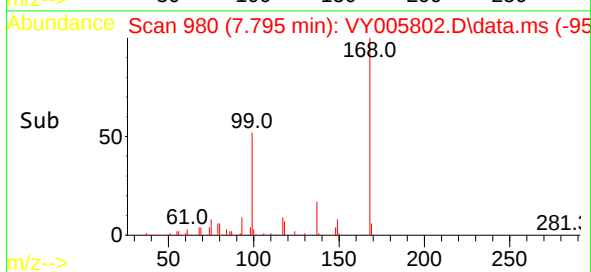
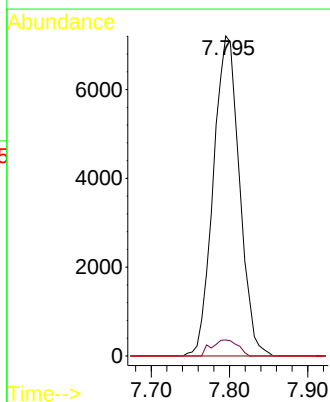
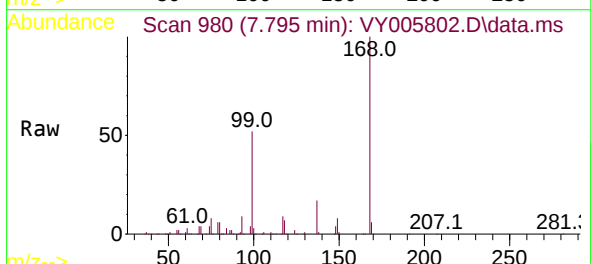
RT: 7.795 min Scan# 980

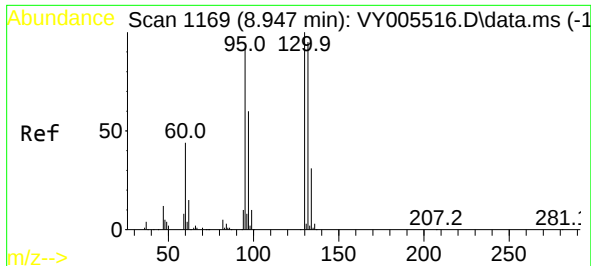
Delta R.T. -0.116 min

Lab File: VY005802.D

Acq: 20 Aug 2021 18:47

Tgt Ion:	117	Resp:	16703
Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.4	113.0#
121	0.0	25.1	37.7#

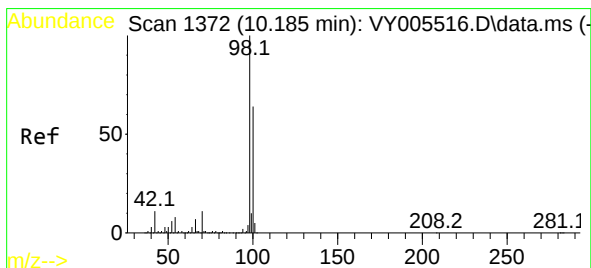
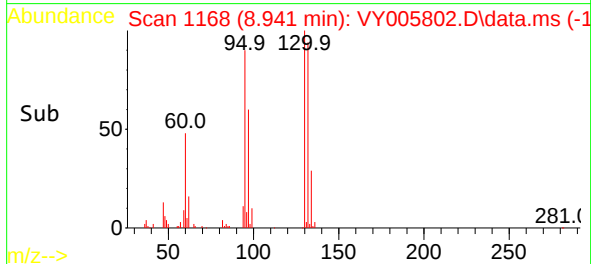
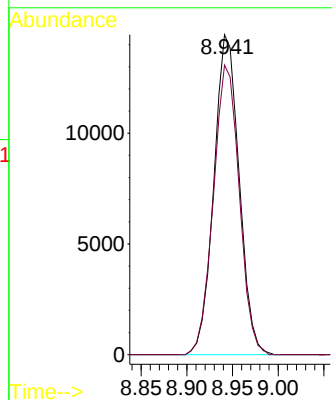
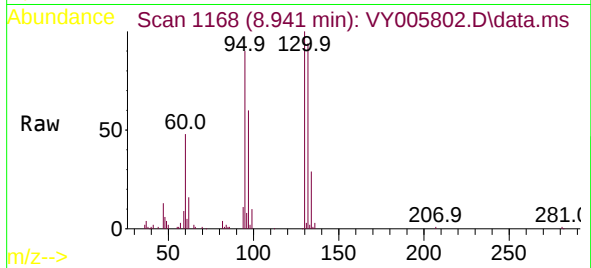




#44
Trichloroethene
Concen: 12.210 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

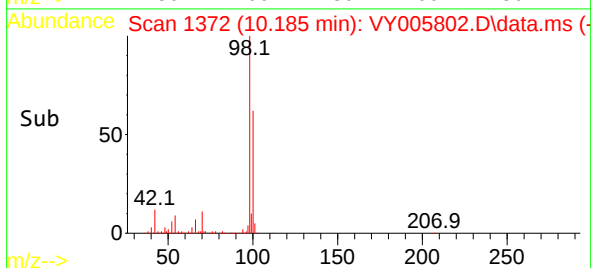
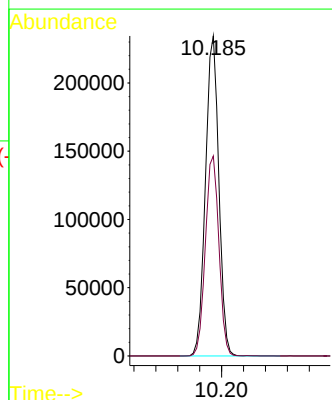
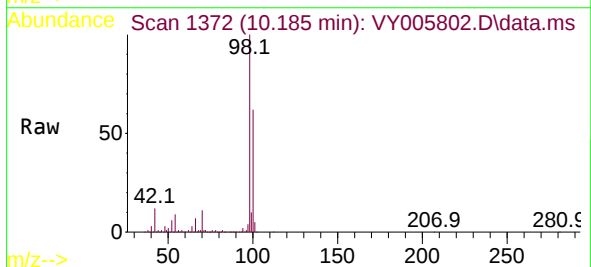
Instrument :
MSVOA_Y
ClientSampled :

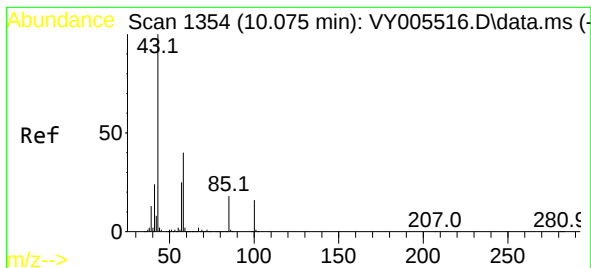
Tgt Ion:130 Resp: 27768
Ion Ratio Lower Upper
130 100
95 90.5 0.0 185.0



#50
Toluene-d8
Concen: 54.210 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

Tgt Ion: 98 Resp: 394890
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9

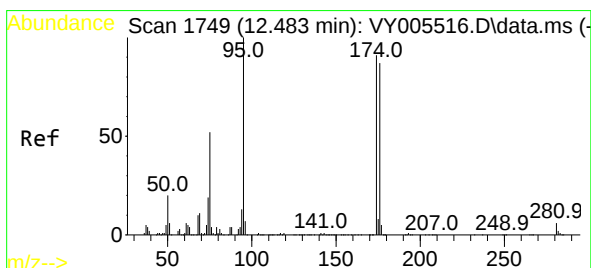
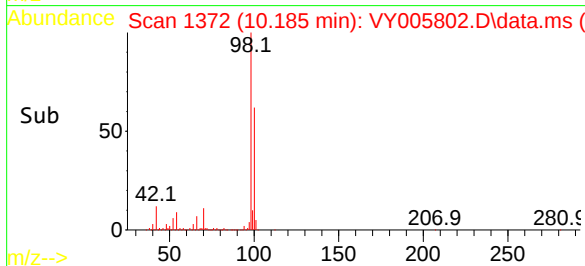
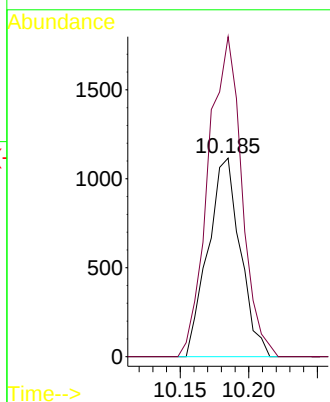
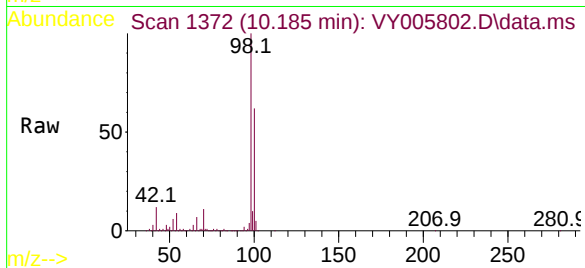




#51
4-Methyl-2-Pentanone
Concen: 1.042 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

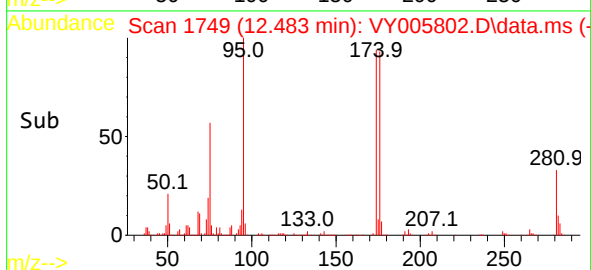
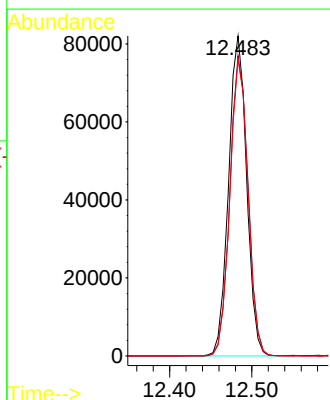
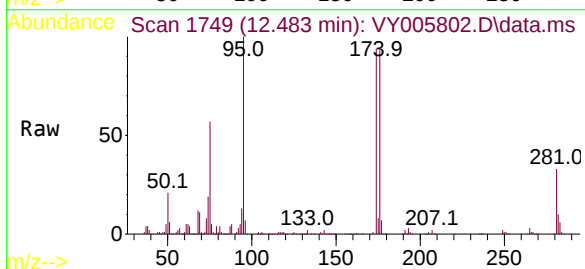
Instrument :
MSVOA_Y
ClientSampled :

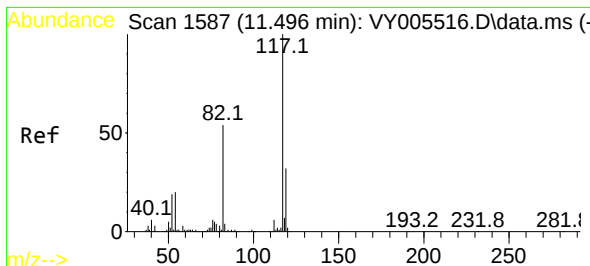
Tgt Ion: 43 Resp: 1831
Ion Ratio Lower Upper
43 100
58 167.3 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 52.071 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

Tgt Ion: 95 Resp: 125607
Ion Ratio Lower Upper
95 100
174 94.2 0.0 191.4
176 92.3 0.0 183.6

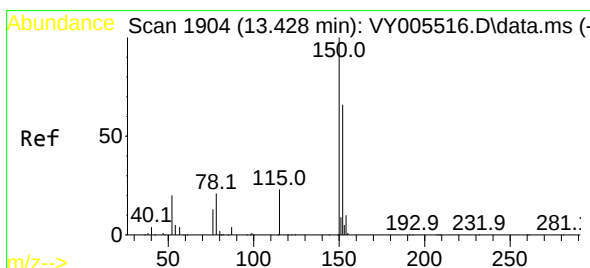
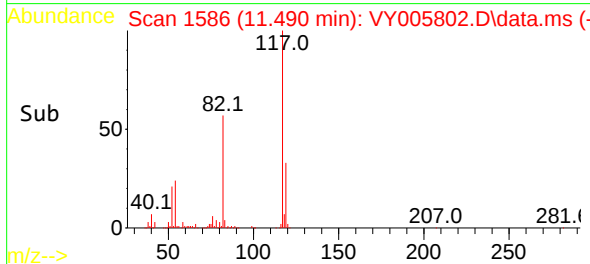
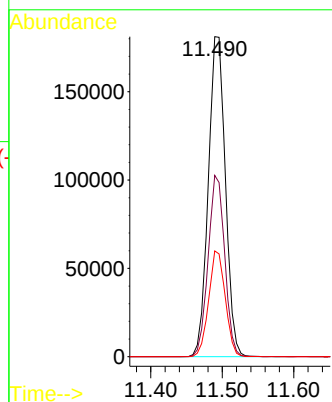
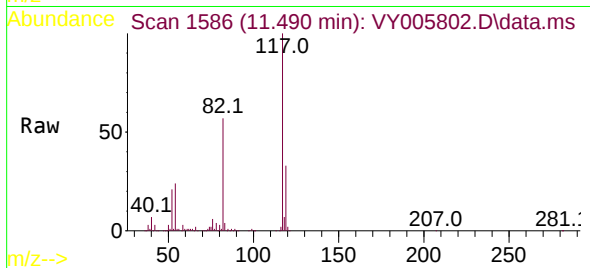




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

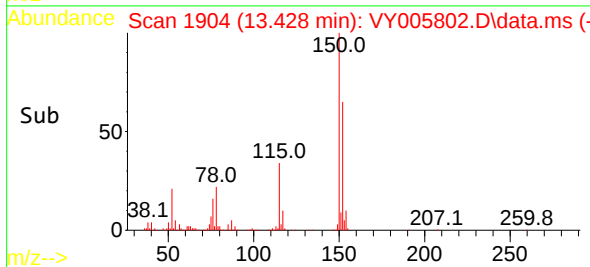
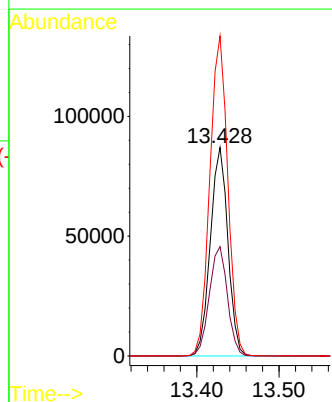
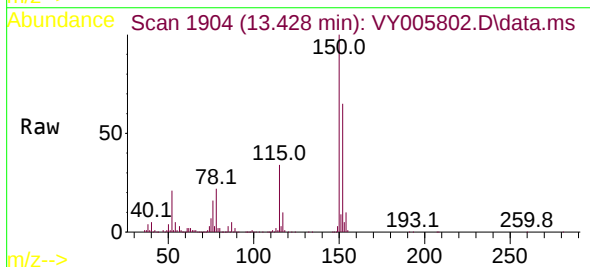
Instrument :
MSVOA_Y
ClientSampleId :

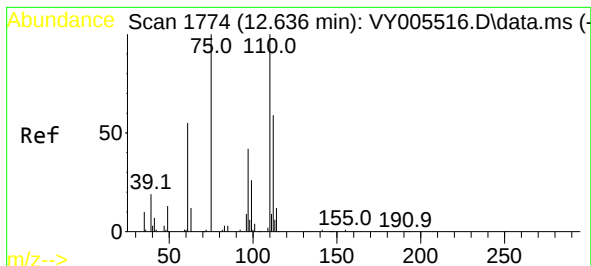
Tgt Ion:117 Resp: 300751
Ion Ratio Lower Upper
117 100
82 56.7 43.5 65.3
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

Tgt Ion:152 Resp: 129494
Ion Ratio Lower Upper
152 100
115 54.0 27.3 81.9
150 156.4 0.0 350.2

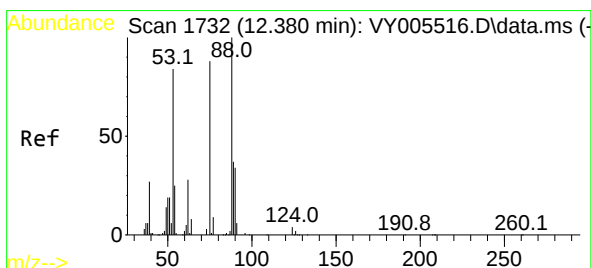
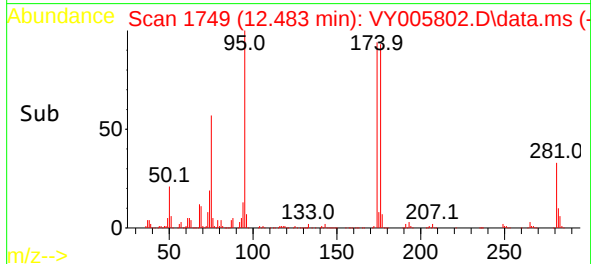
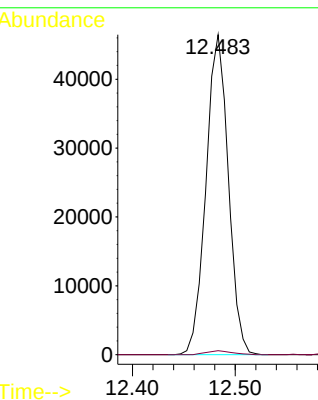
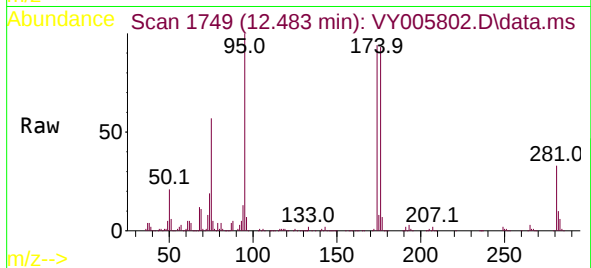




#76
1,2,3-Trichloropropane
Concen: 52.192 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 70038
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.212 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005802.D
Acq: 20 Aug 2021 18:47

Tgt Ion: 75 Resp: 70038
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.2 38.4 57.6#

