

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005796.D
 Acq On : 20 Aug 2021 16:28
 Operator : SY/MD
 Sample : M3485-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:08:40 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)

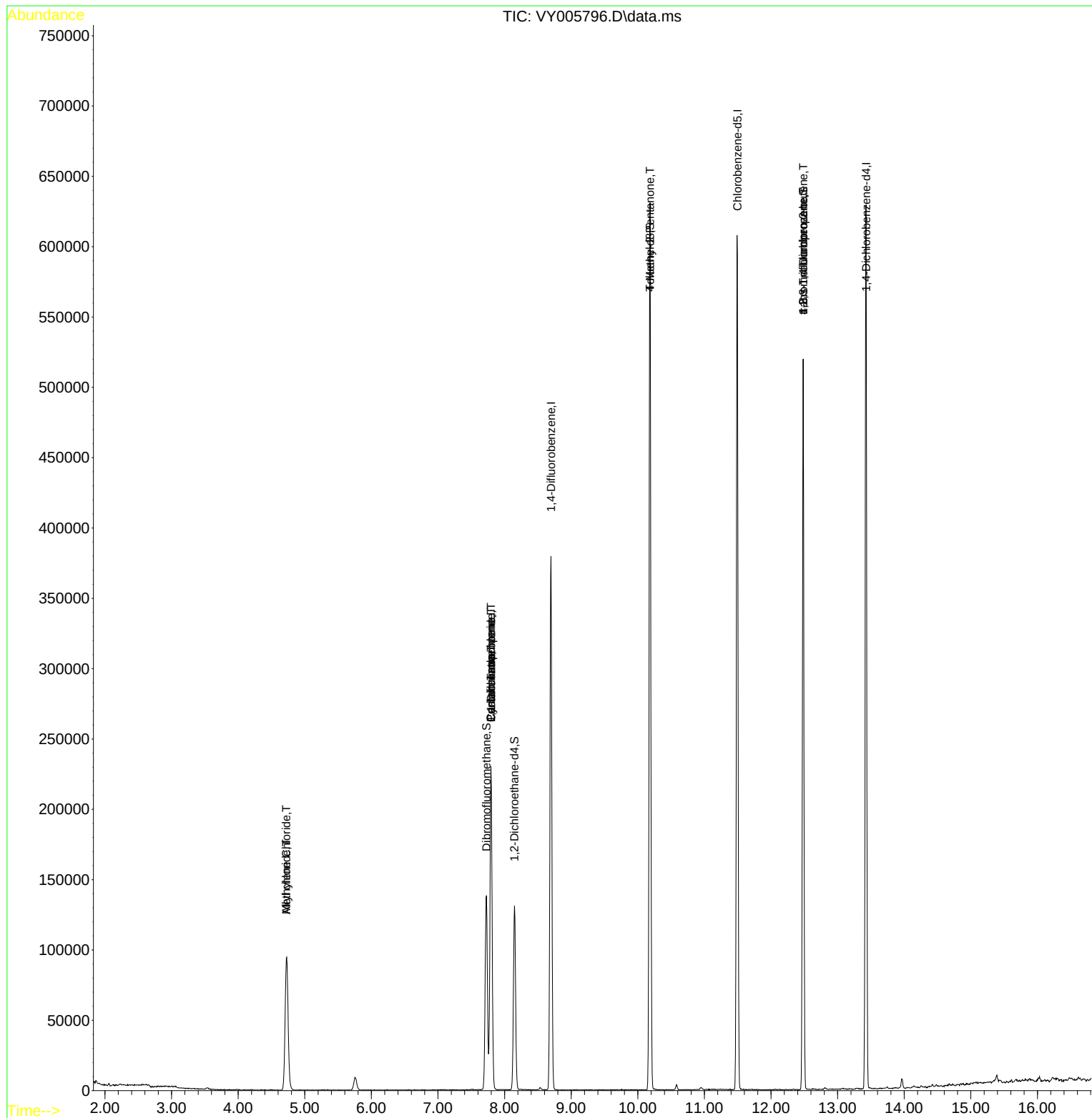
Internal Standards						
1) Pentafluorobenzene	7.795	168	186015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	319433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	328794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108170	57.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.900%	
35) Dibromofluoromethane	7.728	113	94750	52.979	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.960%	
50) Toluene-d8	10.185	98	413364	55.111	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.220%	
62) 4-Bromofluorobenzene	12.483	95	141534	56.983	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.960%	
Target Compounds						Qvalue
14) Allyl chloride	4.722	41	3109	1.107	ug/l #	24
20) Methylene Chloride	4.722	84	72318	36.836	ug/l	95
31) Cyclohexane	7.795	56	3771	1.168	ug/l #	36
36) 1,1-Dichloropropene	7.795	75	13265	4.427	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16595	5.096	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	1826	1.009	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	78141	45.321	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78141	91.360	ug/l #	11

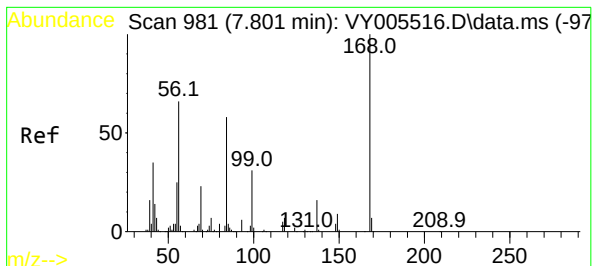
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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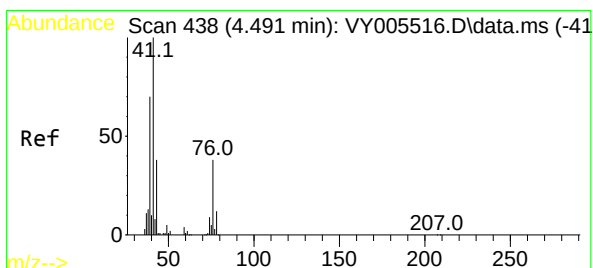
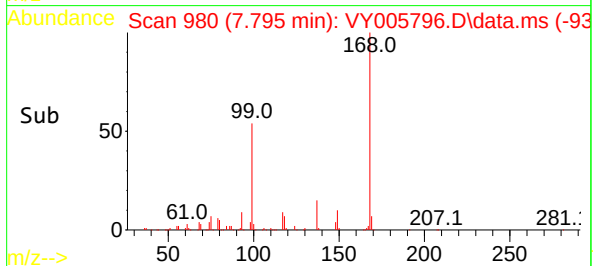
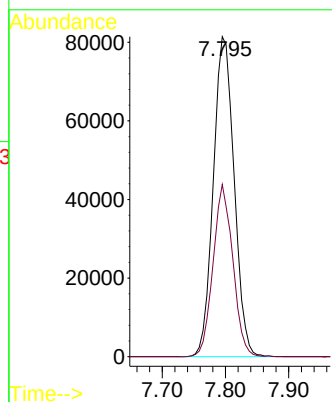
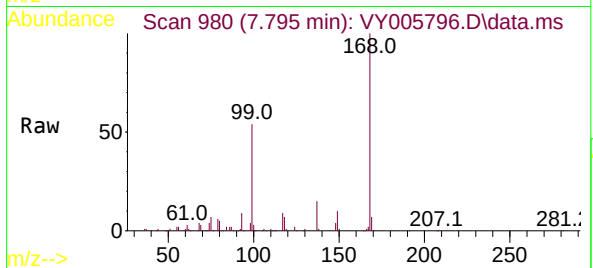


#1

Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005796.D
Acq: 20 Aug 2021 16:28

Instrument :
MSVOA_Y
ClientSampleId :

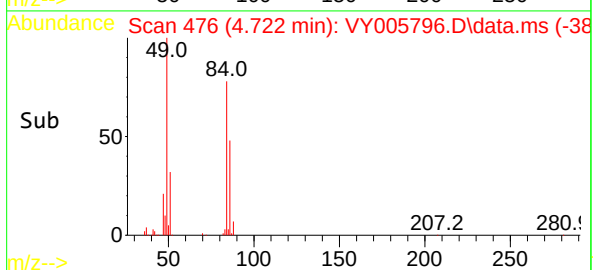
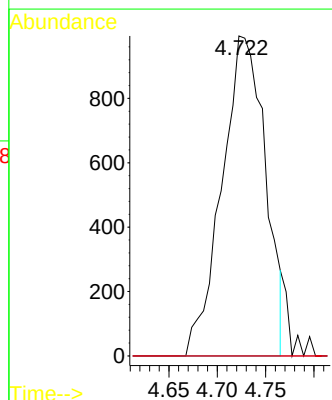
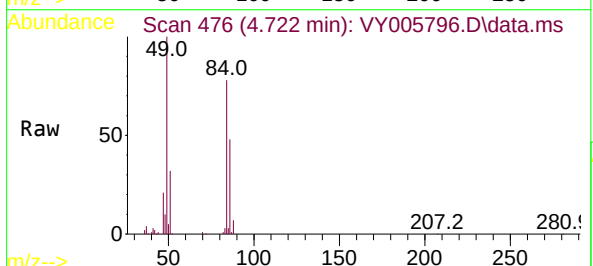
Tgt Ion:168 Resp: 186015
Ion Ratio Lower Upper
168 100
99 53.8 38.9 58.3

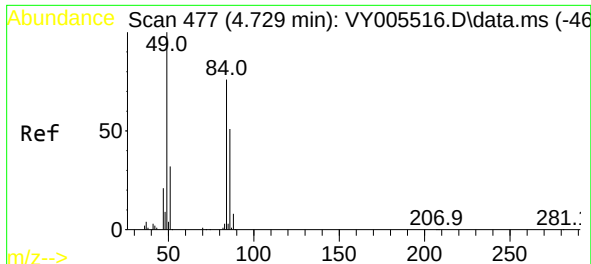


#14

Allyl chloride
Concen: 1.107 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.232 min
Lab File: VY005796.D
Acq: 20 Aug 2021 16:28

Tgt Ion: 41 Resp: 3109
Ion Ratio Lower Upper
41 100
39 0.0 53.7 80.5#
76 0.0 28.7 43.1#



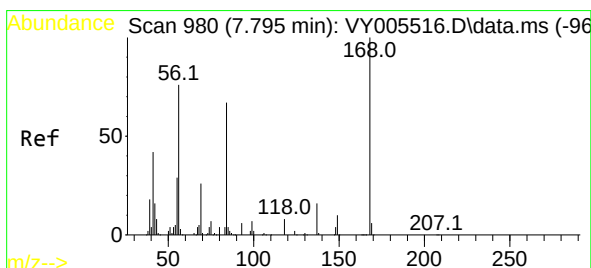
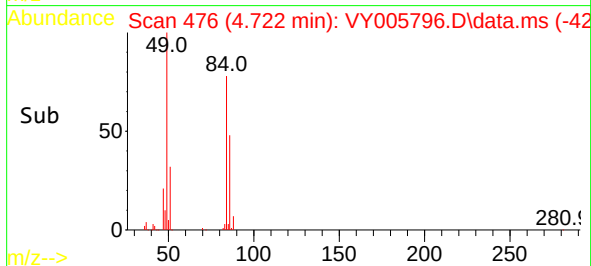
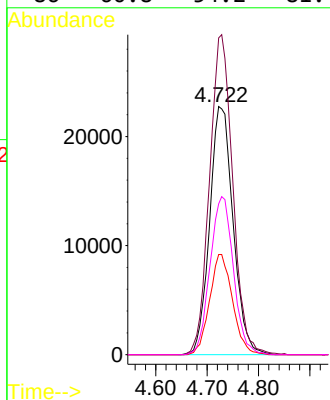
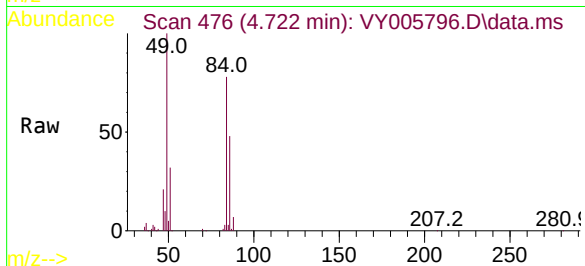


#20
Methylene Chloride
Concen: 36.836 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005796.D
Acq: 20 Aug 2021 16:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 72318

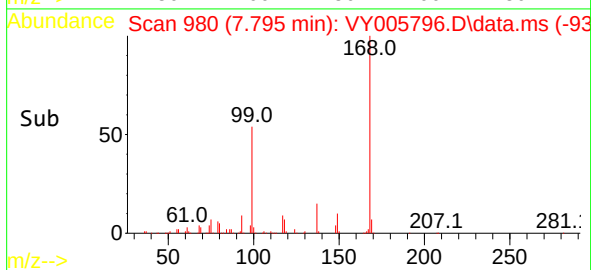
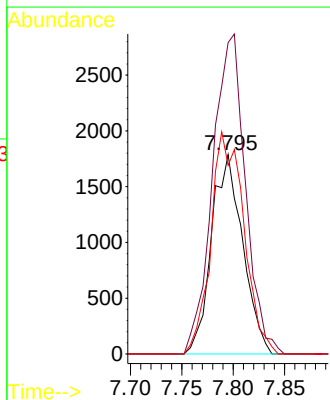
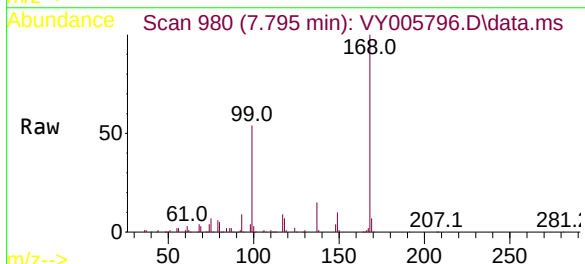
Ion	Ratio	Lower	Upper
84	100		
49	127.6	105.8	158.6
51	40.4	33.4	50.2
86	60.8	54.2	81.4

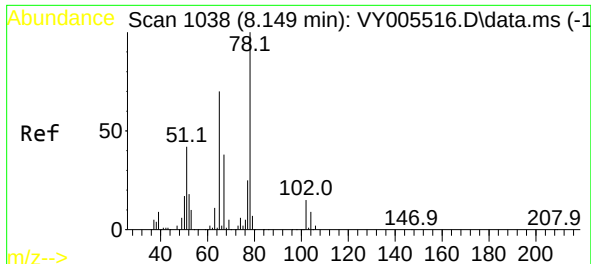


#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005796.D
Acq: 20 Aug 2021 16:28

Tgt Ion: 56 Resp: 3771

Ion	Ratio	Lower	Upper
56	100		
69	156.1	27.7	41.5#
84	94.6	70.9	106.3

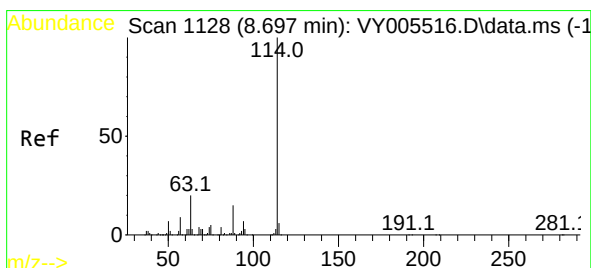
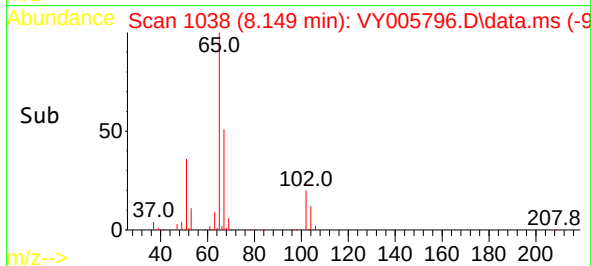
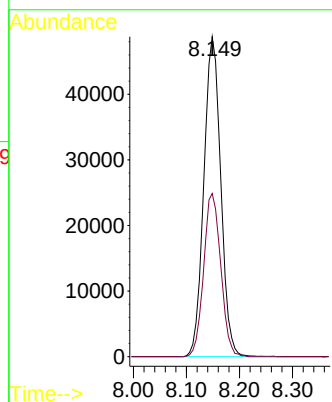
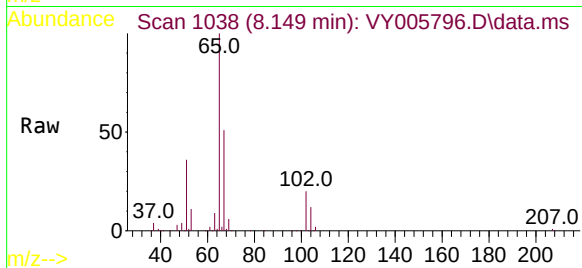




#33
1,2-Dichloroethane-d4
Concen: 57.448 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005796.D
Acq: 20 Aug 2021 16:28

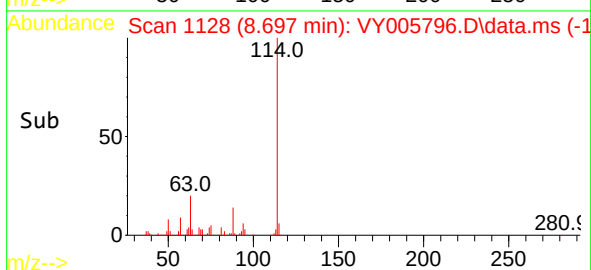
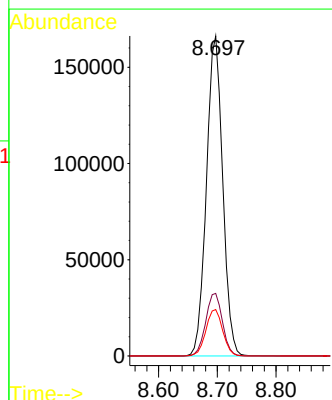
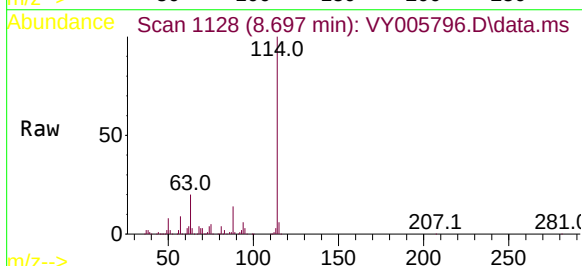
Instrument :
MSVOA_Y
ClientSampled :

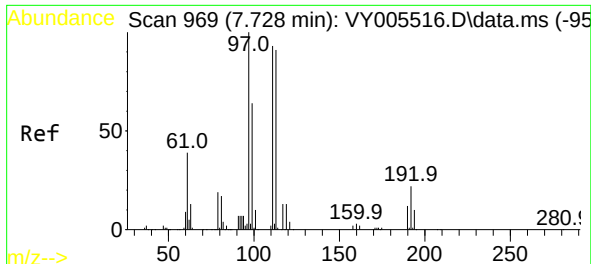
Tgt Ion: 65 Resp: 108170
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005796.D
Acq: 20 Aug 2021 16:28

Tgt Ion: 114 Resp: 319433
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 14.5 0.0 30.8

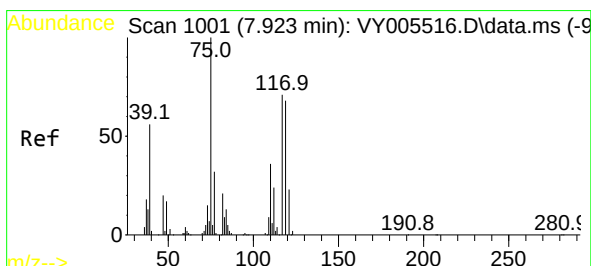
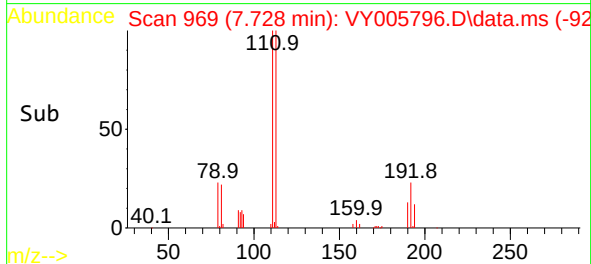
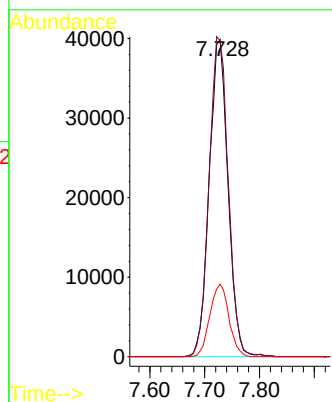
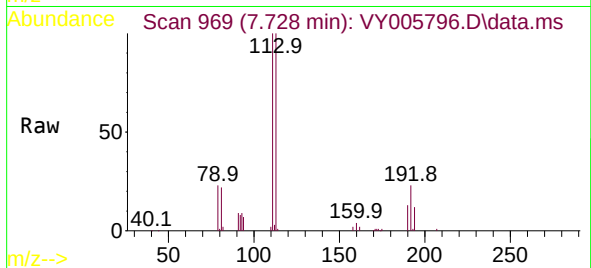




#35
Dibromofluoromethane
Concen: 52.979 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005796.D
Acq: 20 Aug 2021 16:28

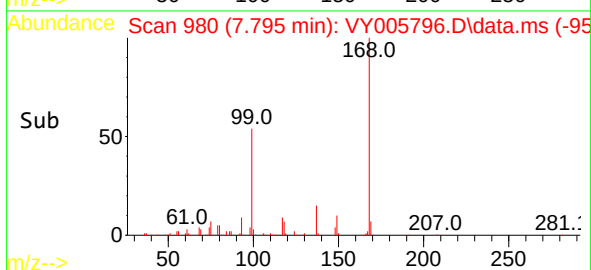
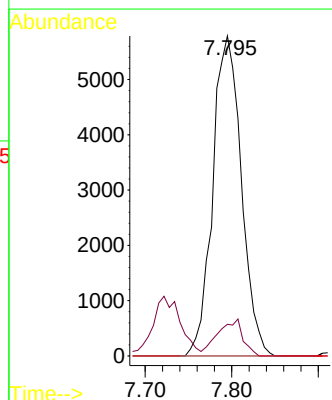
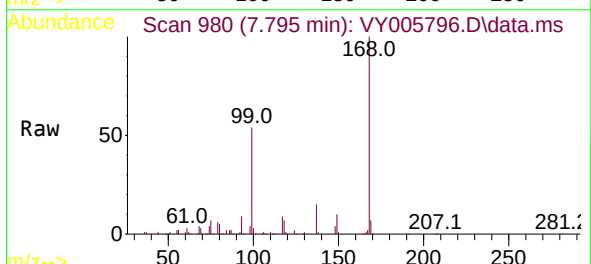
Instrument :
MSVOA_Y
ClientSampleId :

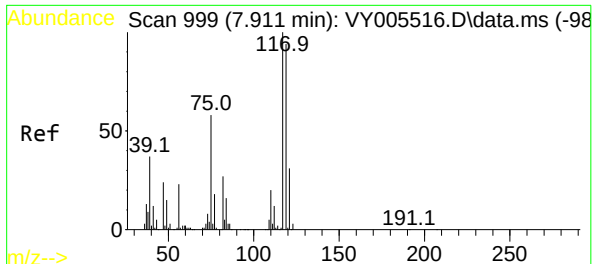
Tgt Ion:113 Resp: 94750
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 23.1 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.427 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005796.D
Acq: 20 Aug 2021 16:28

Tgt Ion: 75 Resp: 13265
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.1#
77 0.0 25.1 37.7#

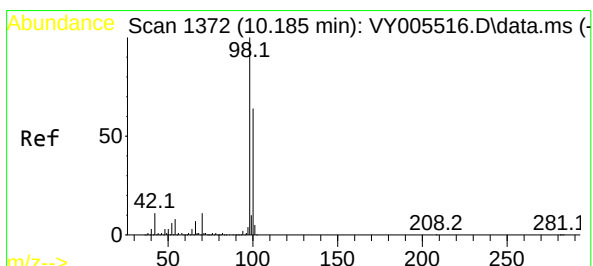
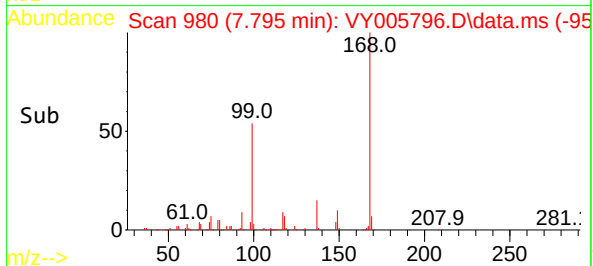
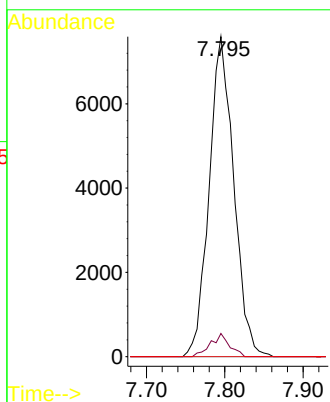
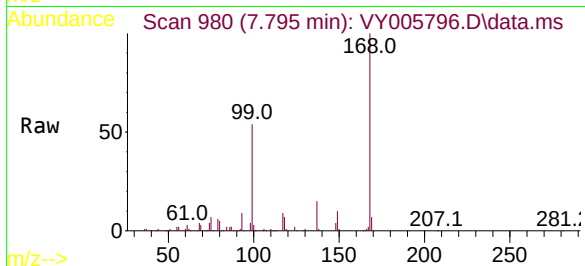




#38
Carbon Tetrachloride
Concen: 5.096 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005796.D
Acq: 20 Aug 2021 16:28

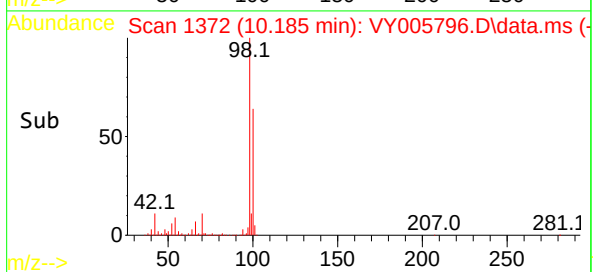
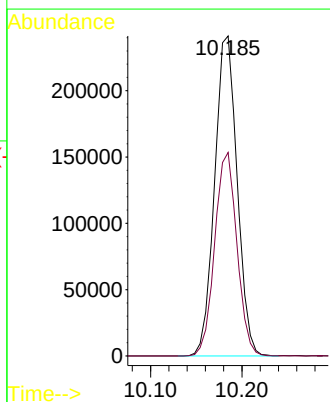
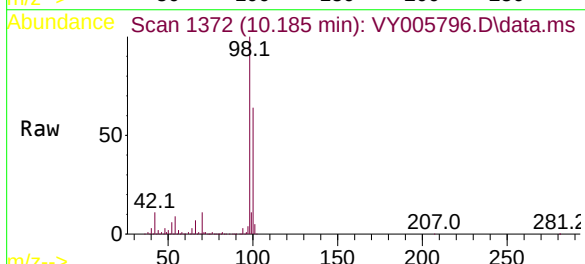
Instrument :
MSVOA_Y
ClientSampled :

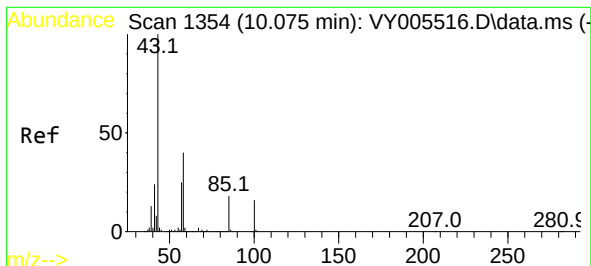
Tgt Ion:117 Resp: 16595
Ion Ratio Lower Upper
117 100
119 7.3 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 55.111 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005796.D
Acq: 20 Aug 2021 16:28

Tgt Ion: 98 Resp: 413364
Ion Ratio Lower Upper
98 100
100 62.7 51.3 76.9

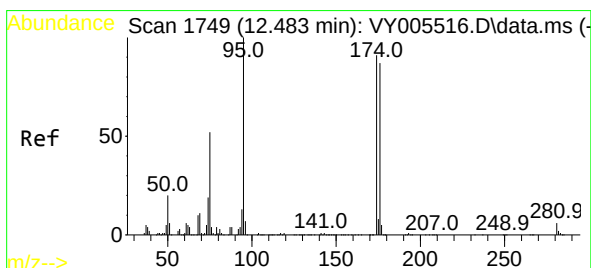
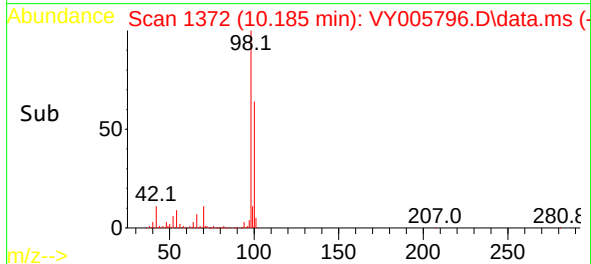
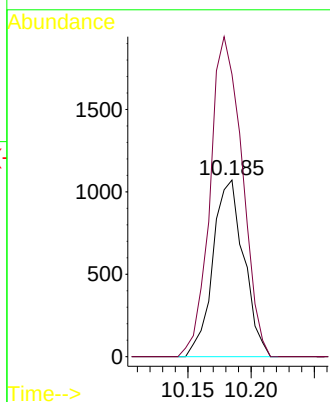
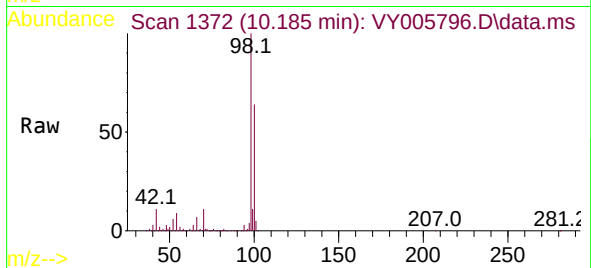




#51
4-Methyl-2-Pentanone
Concen: 1.009 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005796.D
Acq: 20 Aug 2021 16:28

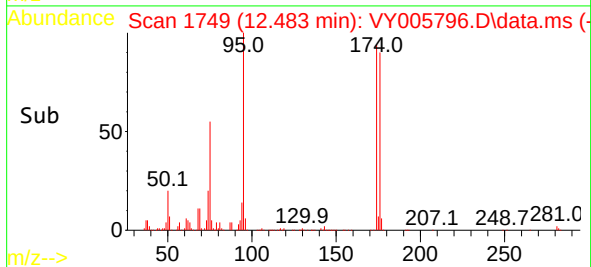
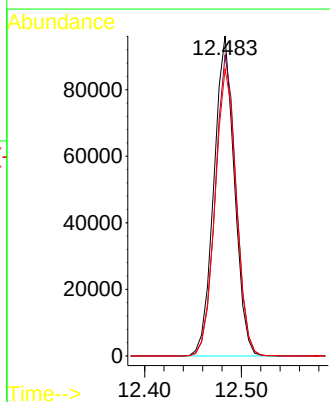
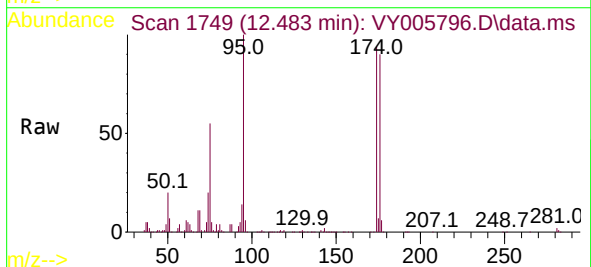
Instrument :
MSVOA_Y
ClientSampled :

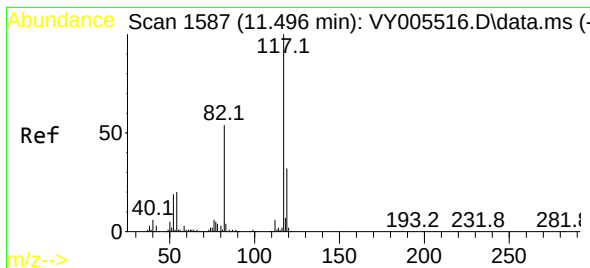
Tgt Ion: 43 Resp: 1826
Ion Ratio Lower Upper
43 100
58 188.0 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 56.983 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005796.D
Acq: 20 Aug 2021 16:28

Tgt Ion: 95 Resp: 141534
Ion Ratio Lower Upper
95 100
174 95.6 0.0 191.4
176 92.8 0.0 183.6

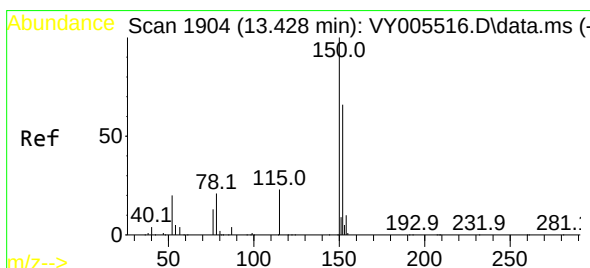
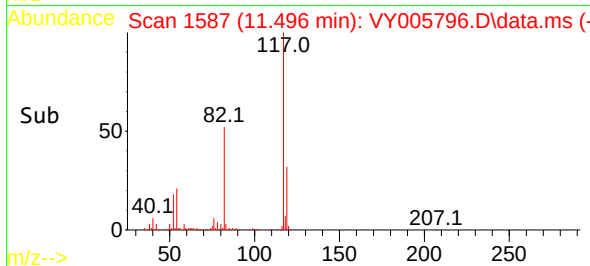
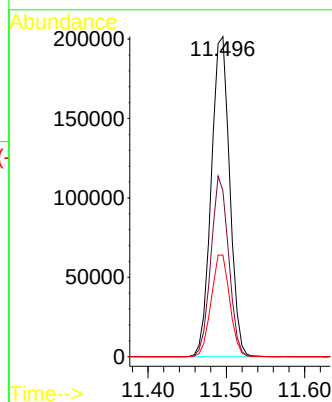
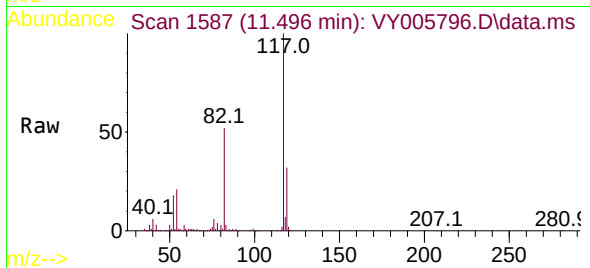




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005796.D
Acq: 20 Aug 2021 16:28

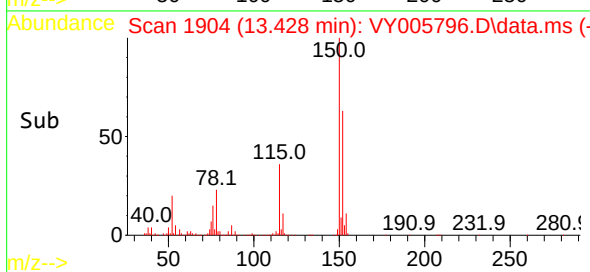
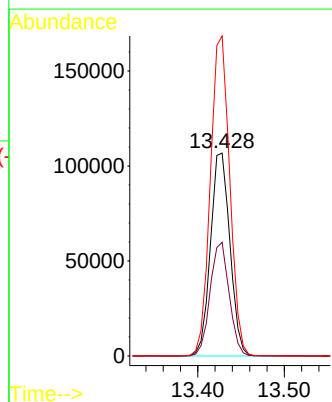
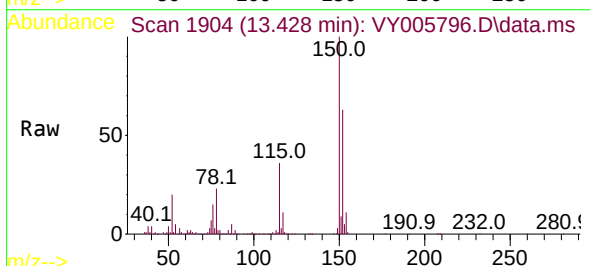
Instrument :
MSVOA_Y
ClientSampled :

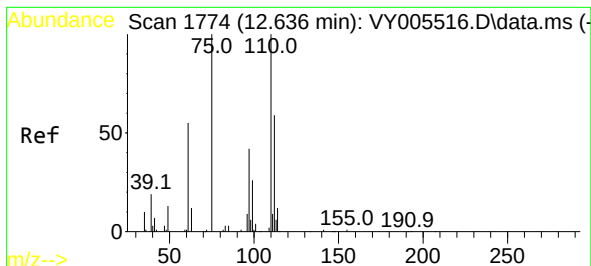
Tgt Ion:	117	Resp:	328794
Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.5	65.3
119	31.8	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005796.D
Acq: 20 Aug 2021 16:28

Tgt Ion:	152	Resp:	166381
Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.3	81.9
150	156.9	0.0	350.2

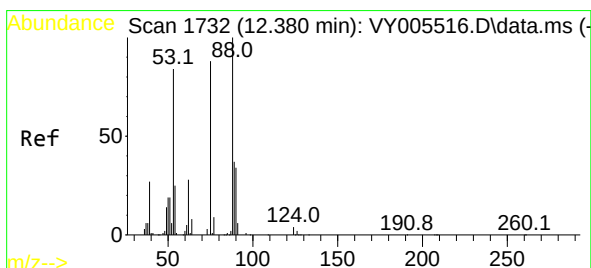
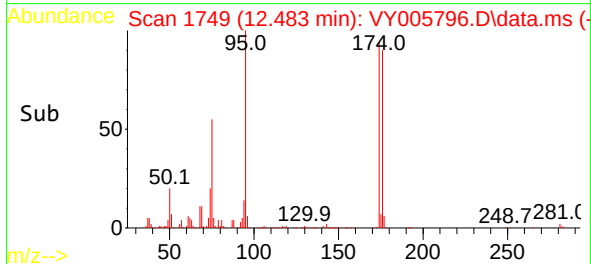
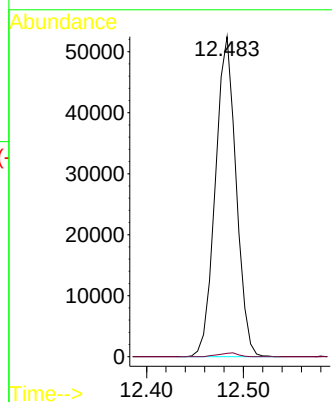
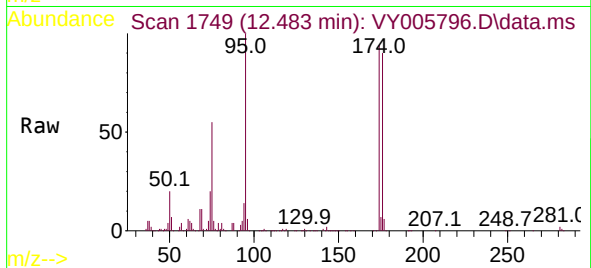




#76
1,2,3-Trichloropropane
Concen: 45.321 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005796.D
Acq: 20 Aug 2021 16:28

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 78141
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.360 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005796.D
Acq: 20 Aug 2021 16:28

Tgt Ion: 75 Resp: 78141
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

