

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005804.D
 Acq On : 20 Aug 2021 19:34
 Operator : SY/MD
 Sample : M3463-23
 Misc : 5.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:10:45 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)

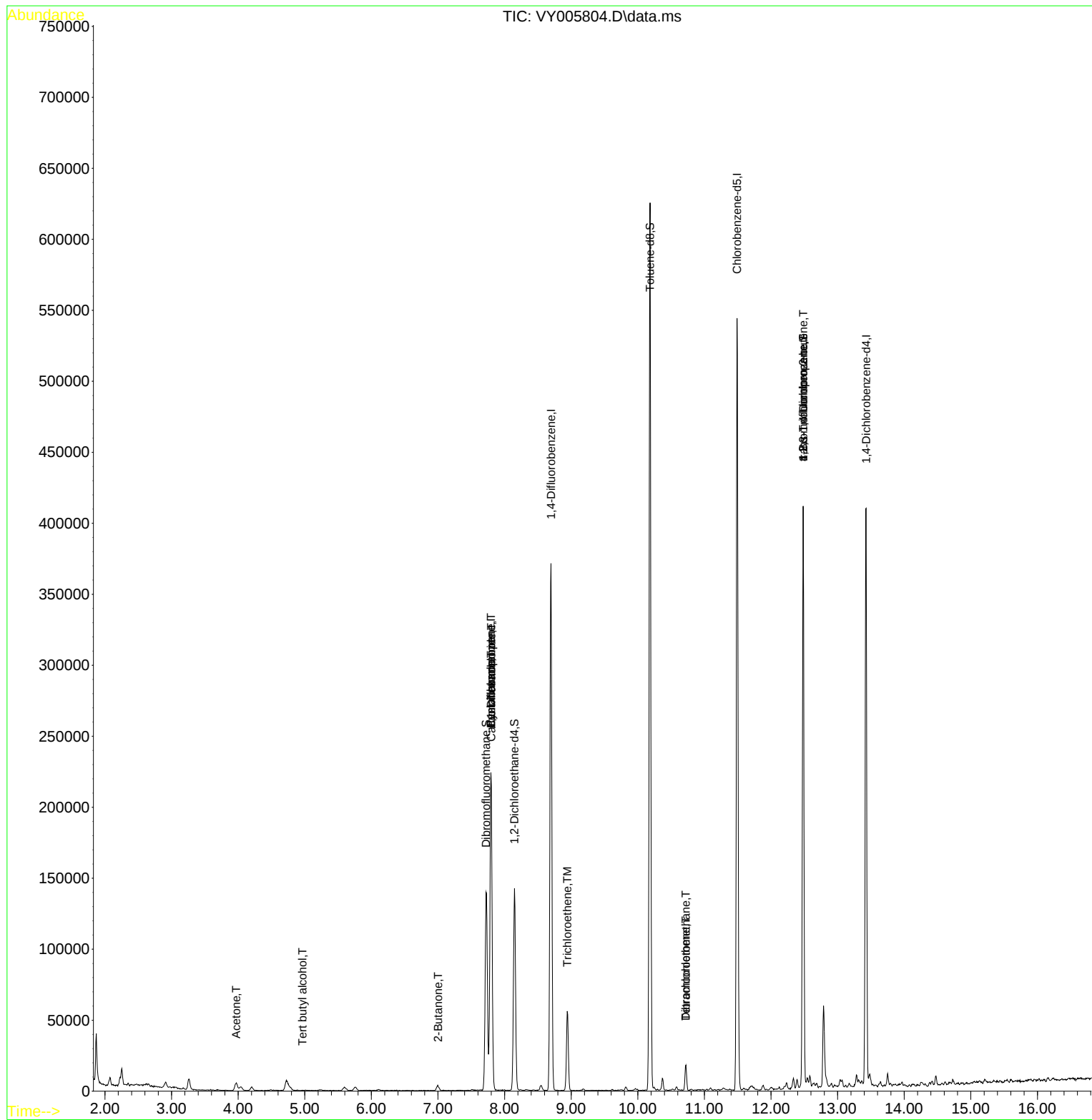
Internal Standards						
1) Pentafluorobenzene	7.795	168	183485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	314473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	292919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	113532	61.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.260%	
35) Dibromofluoromethane	7.722	113	94495	53.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.340%	
50) Toluene-d8	10.185	98	395594	53.574	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.140%	
62) 4-Bromofluorobenzene	12.483	95	113038	46.228	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	307	1.672	ug/l #	73
16) Acetone	3.972	43	10569	22.570	ug/l	100
20) Methylene Chloride	4.722	84	5321	Below Cal		94
25) 2-Butanone	7.002	43	924	1.335	ug/l #	87
31) Cyclohexane	7.795	56	3841	1.206	ug/l #	18
36) 1,1-Dichloropropene	7.795	75	13111	4.445	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16886	5.268	ug/l #	17
44) Trichloroethene	8.941	130	19459	8.441	ug/l	94
60) Dibromochloromethane	10.721	129	3424	1.637	ug/l #	11
64) Tetrachloroethene	10.721	164	4252	1.907	ug/l	94
76) 1,2,3-Trichloropropane	12.483	75	63183	56.455	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63183	113.805	ug/l #	11

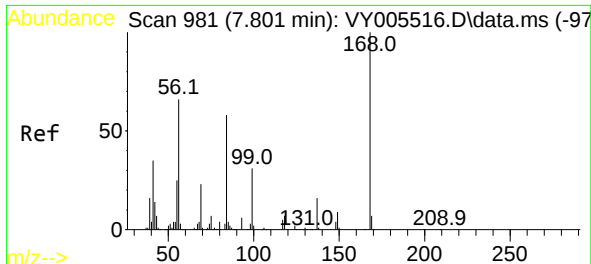
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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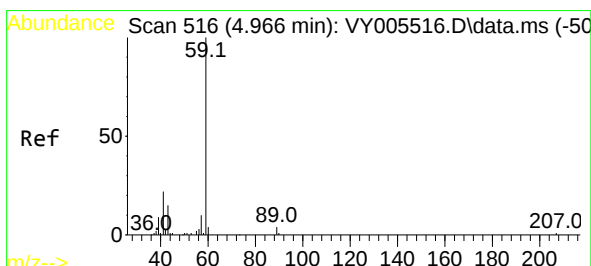
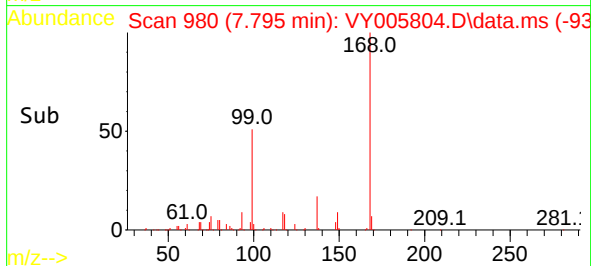
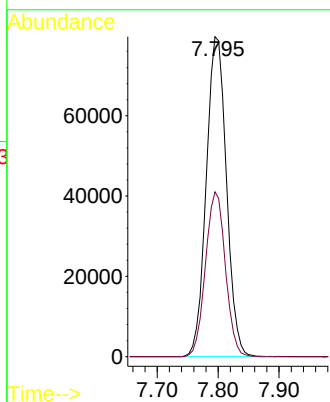
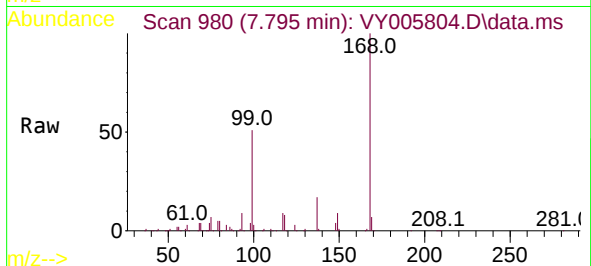




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

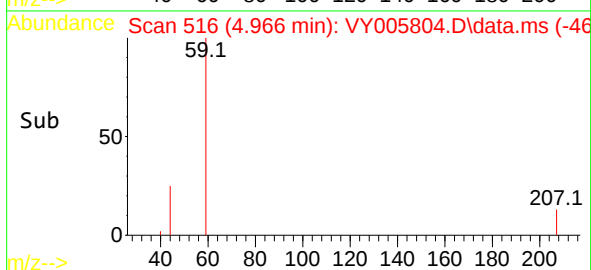
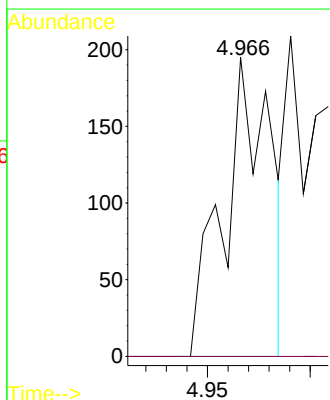
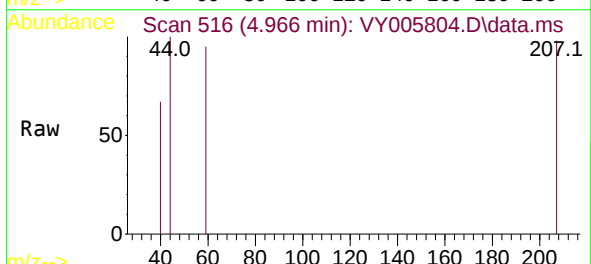
Instrument :
MSVOA_Y
ClientSampleId :

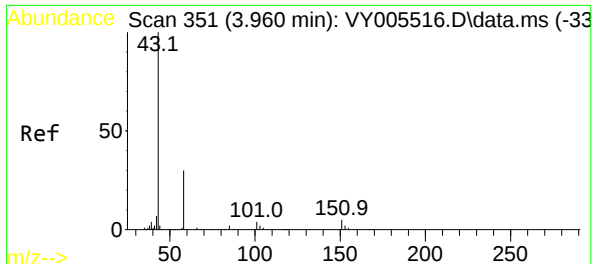
Tgt Ion:168 Resp: 183485
Ion Ratio Lower Upper
168 100
99 51.5 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.672 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

Tgt Ion: 59 Resp: 307
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

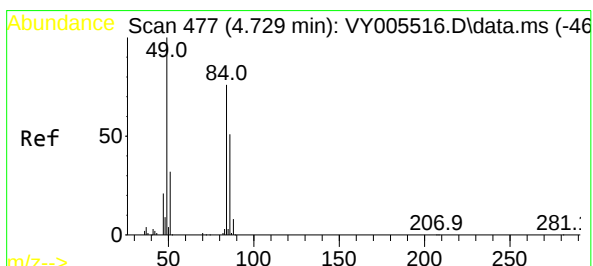
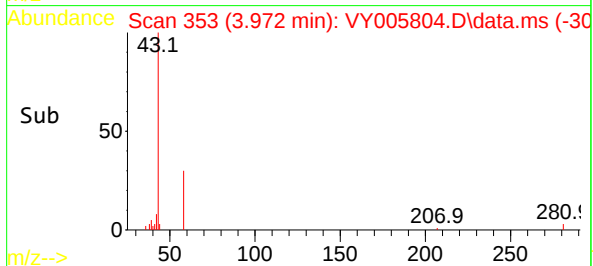
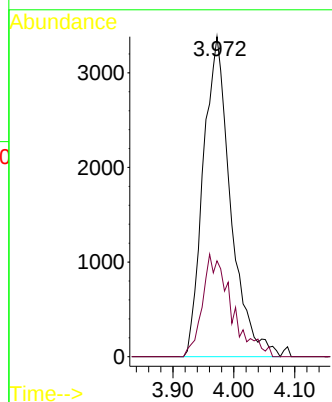
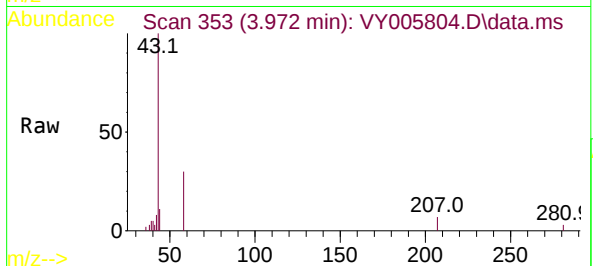




#16
Acetone
Concen: 22.570 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

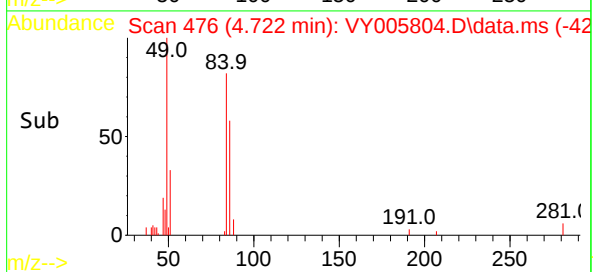
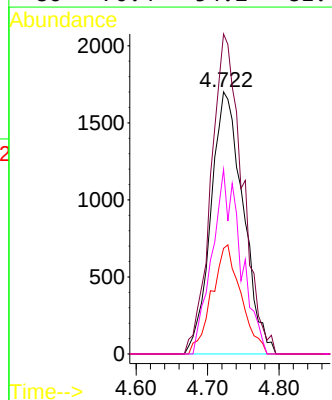
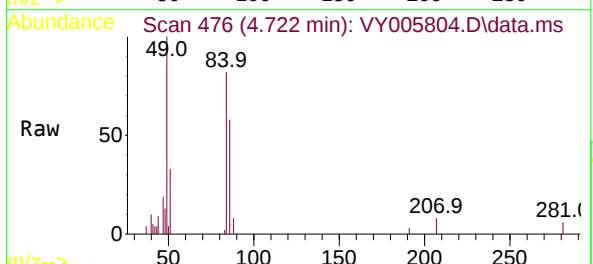
Instrument :
MSVOA_Y
ClientSampled :

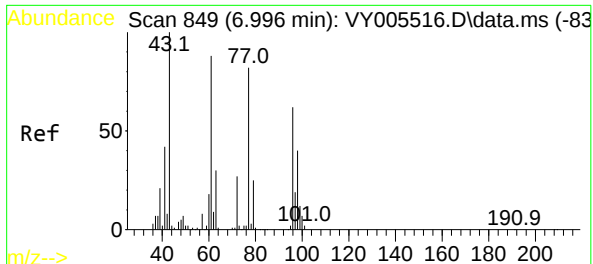
Tgt Ion: 43 Resp: 10569
Ion Ratio Lower Upper
43 100
58 30.0 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

Tgt Ion: 84 Resp: 5321
Ion Ratio Lower Upper
84 100
49 122.1 105.8 158.6
51 40.3 33.4 50.2
86 70.4 54.2 81.4

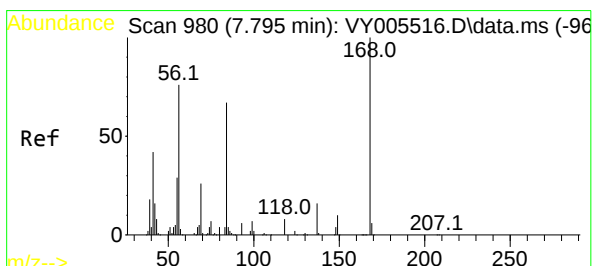
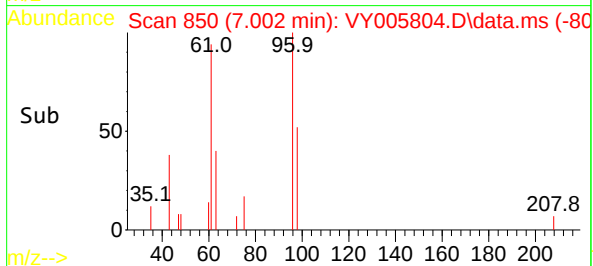
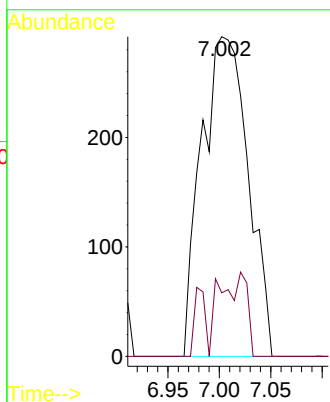
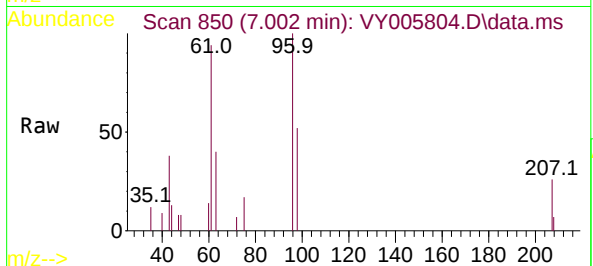




#25
2-Butanone
Concen: 1.335 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

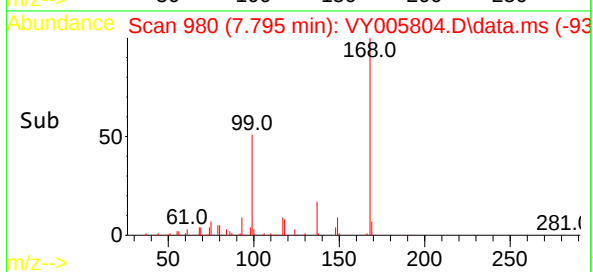
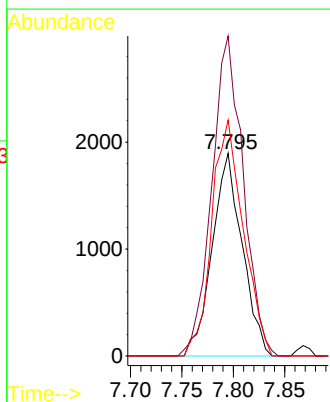
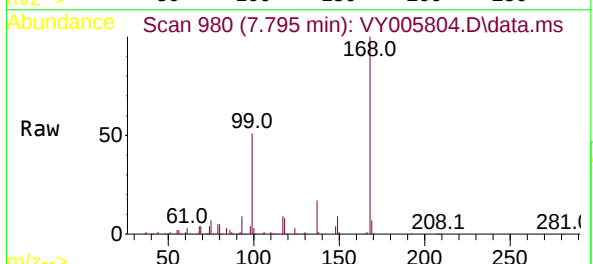
Instrument :
MSVOA_Y
ClientSampled :

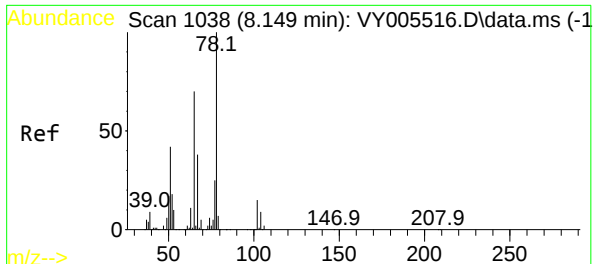
Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
72 19.9 21.4 32.2#



#31
Cyclohexane
Concen: 1.206 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

Tgt Ion: 56 Resp: 3841
Ion Ratio Lower Upper
56 100
69 158.0 27.7 41.5#
84 116.5 70.9 106.3#

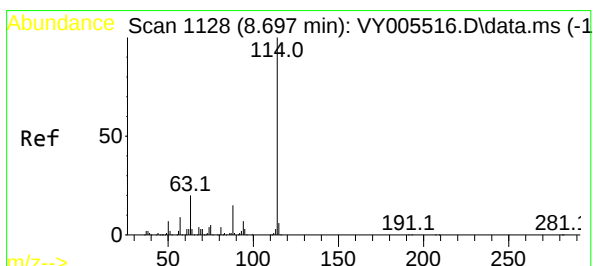
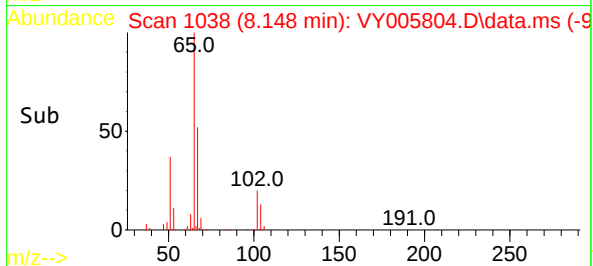
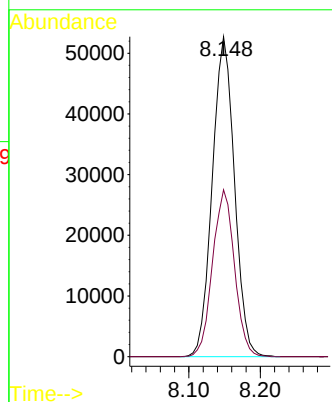
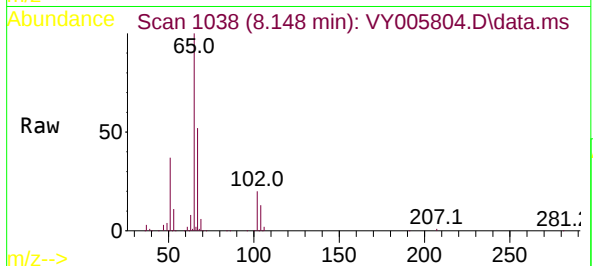




#33
1,2-Dichloroethane-d4
Concen: 61.127 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

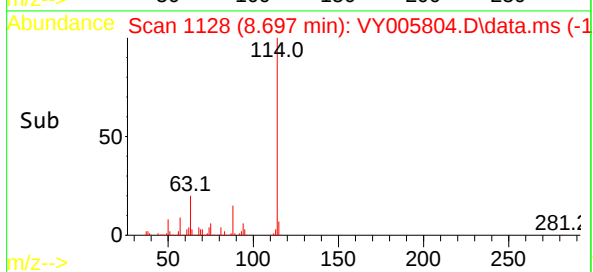
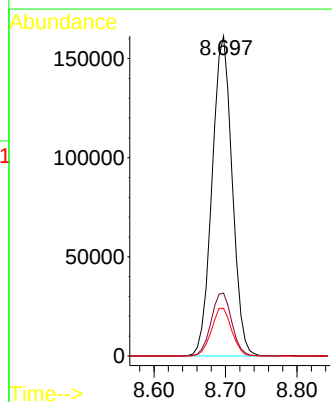
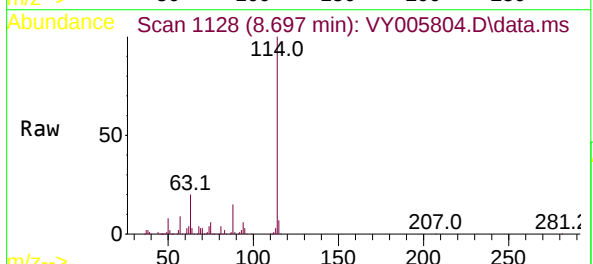
Instrument :
MSVOA_Y
ClientSampled :

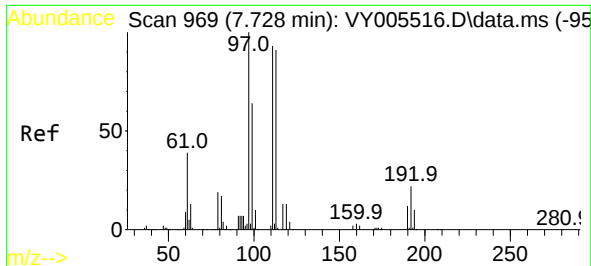
Tgt Ion: 65 Resp: 113532
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

Tgt Ion:114 Resp: 314473
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 14.9 0.0 30.8

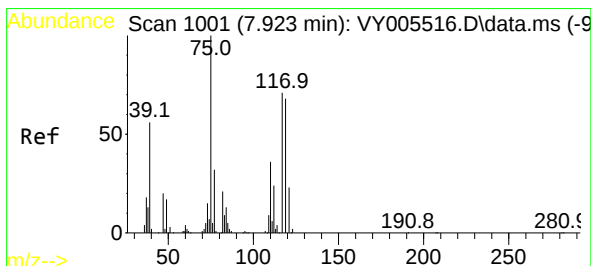
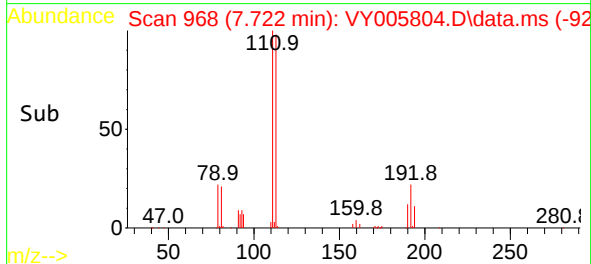
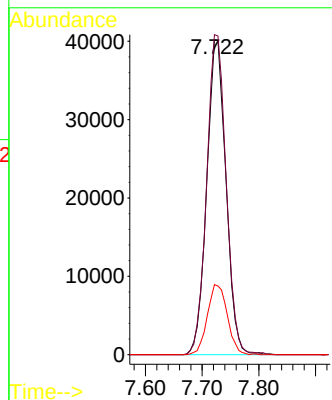
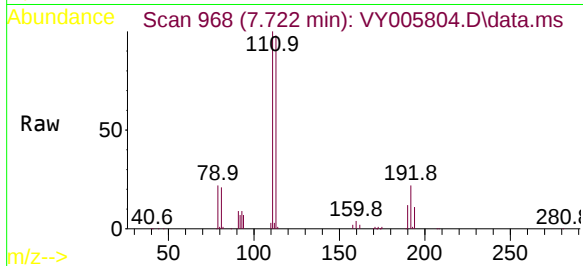




#35
Dibromofluoromethane
Concen: 53.670 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

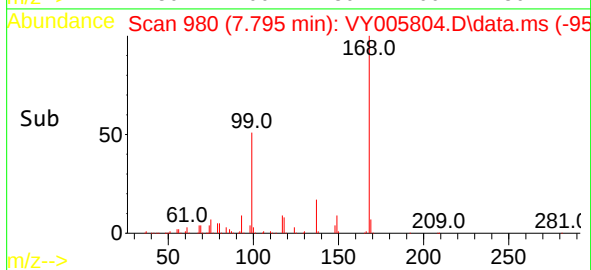
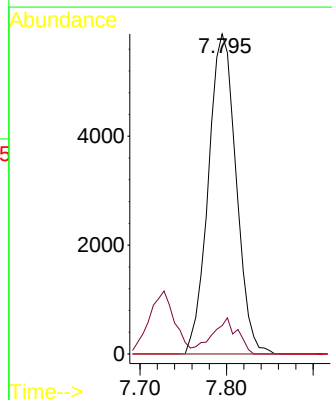
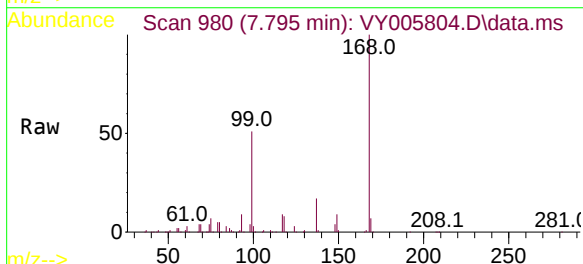
Instrument :
MSVOA_Y
ClientSampleId :

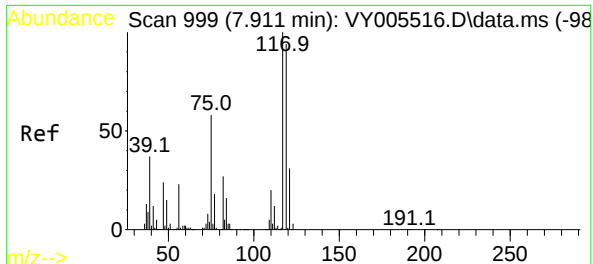
Tgt Ion:113 Resp: 94495
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 23.2 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.445 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

Tgt Ion: 75 Resp: 13111
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.1#
77 0.0 25.1 37.7#

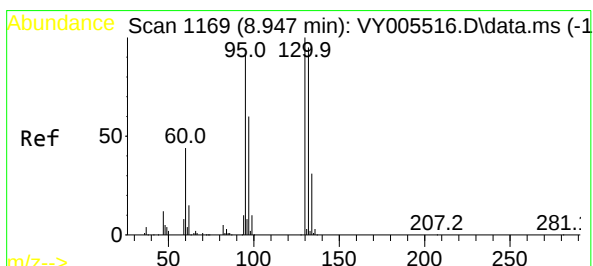
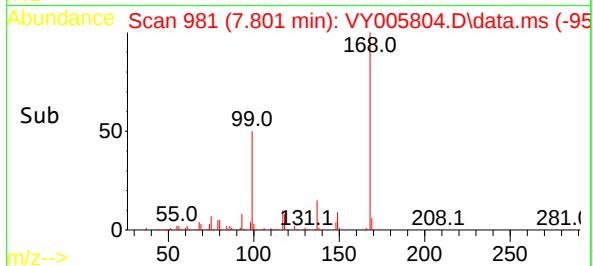
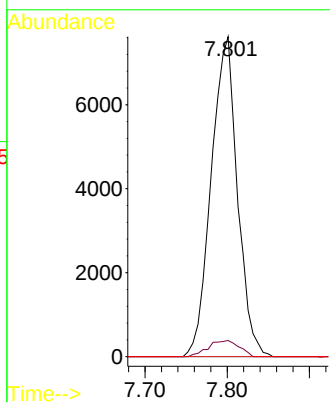
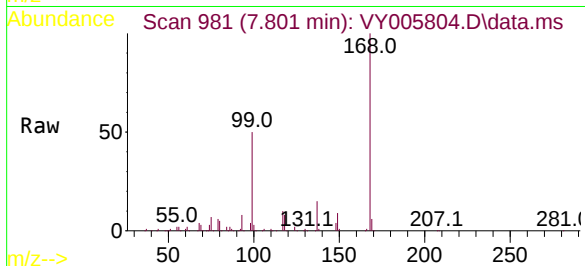




#38
Carbon Tetrachloride
Concen: 5.268 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

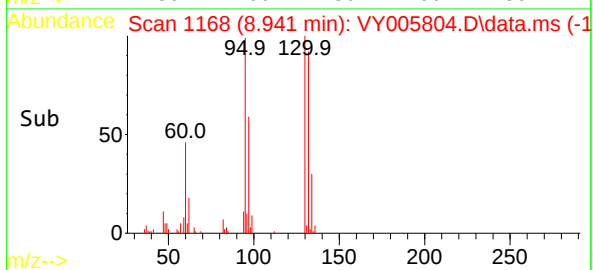
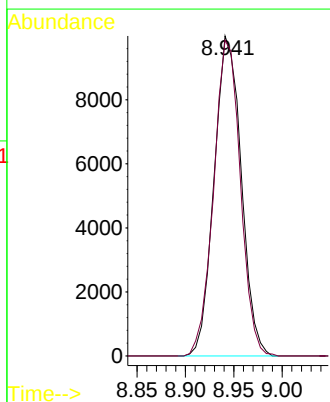
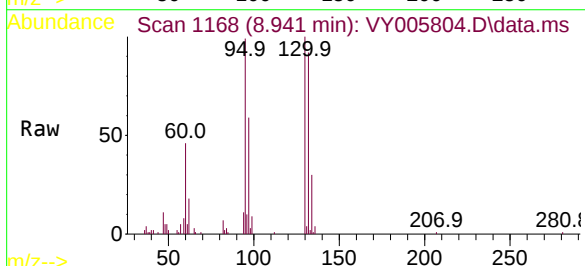
Instrument :
MSVOA_Y
ClientSampled :

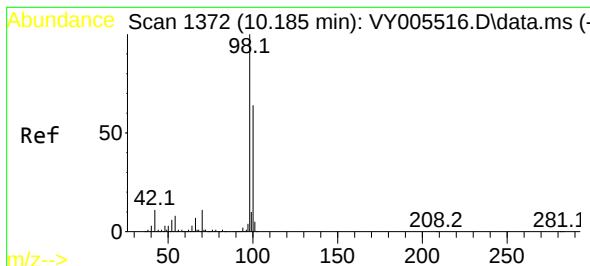
Tgt Ion:117 Resp: 16886
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.0#
121 0.0 25.1 37.7#



#44
Trichloroethene
Concen: 8.441 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

Tgt Ion:130 Resp: 19459
Ion Ratio Lower Upper
130 100
95 98.7 0.0 185.0

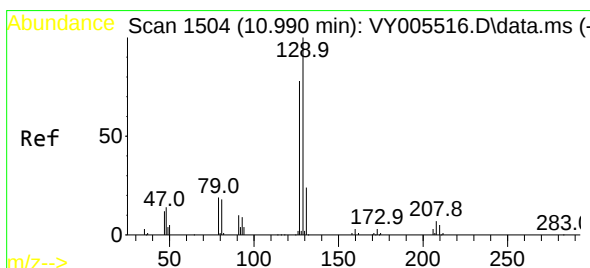
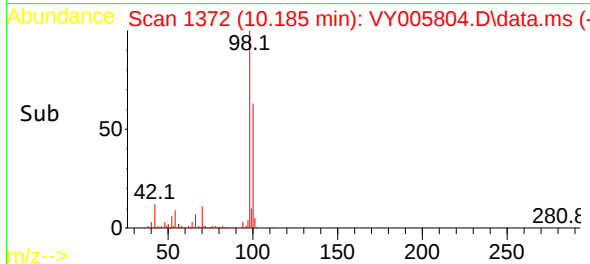
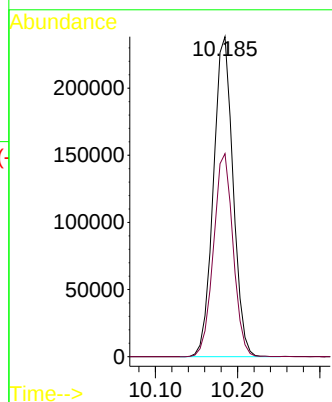
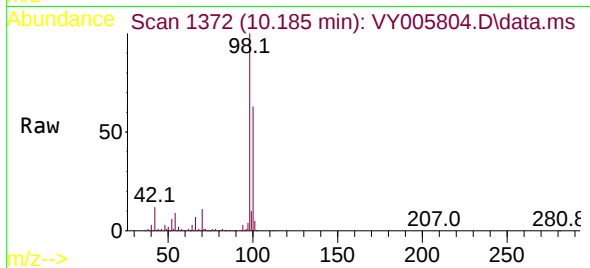




#50
Toluene-d8
Concen: 53.574 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

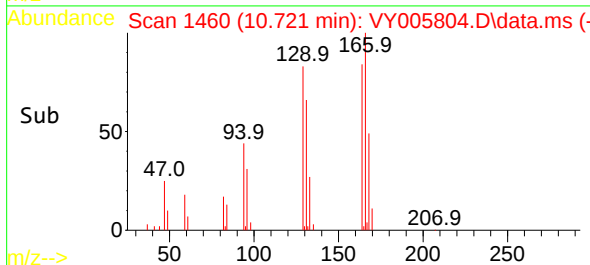
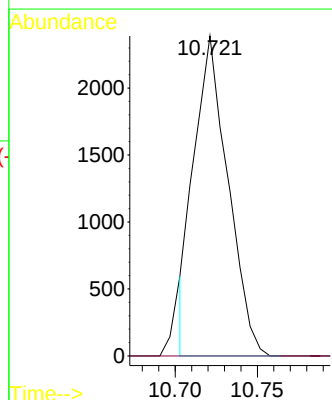
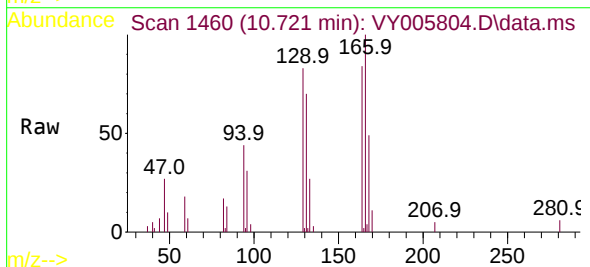
Instrument :
MSVOA_Y
ClientSampled :

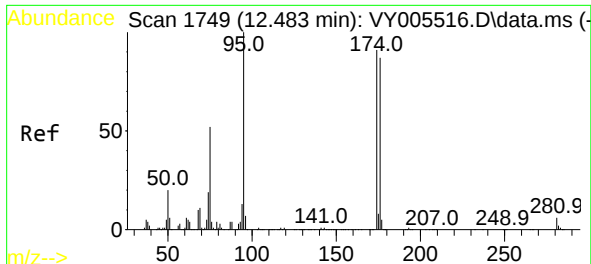
Tgt Ion: 98 Resp: 395594
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9



#60
Dibromochloromethane
Concen: 1.637 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

Tgt Ion:129 Resp: 3424
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#

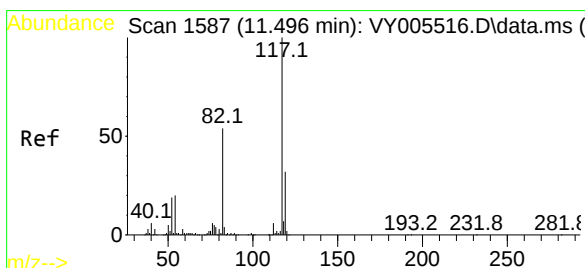
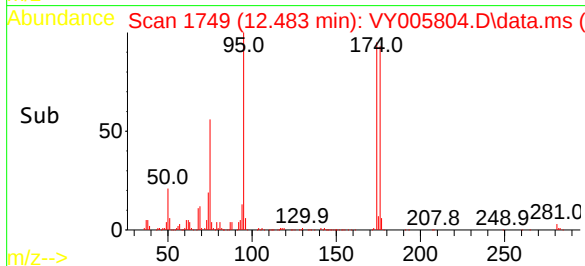
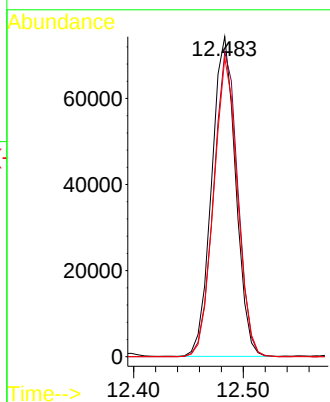
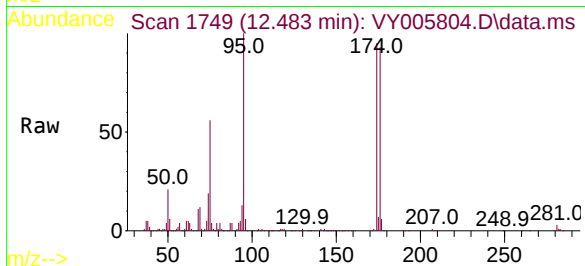




#62
4-Bromofluorobenzene
Concen: 46.228 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

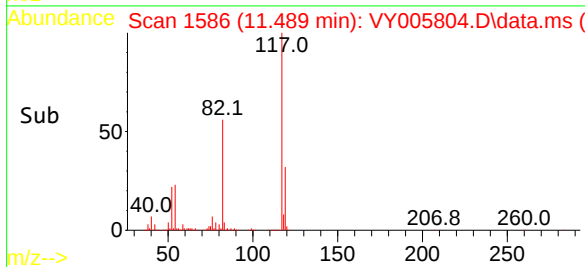
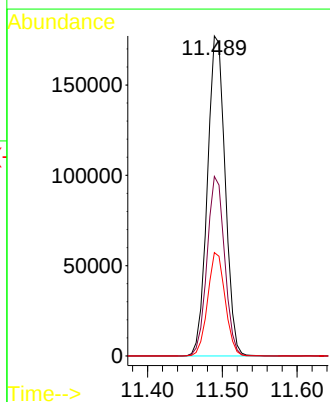
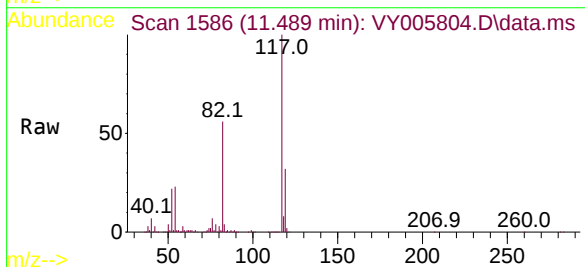
Instrument :
MSVOA_Y
ClientSampleId :

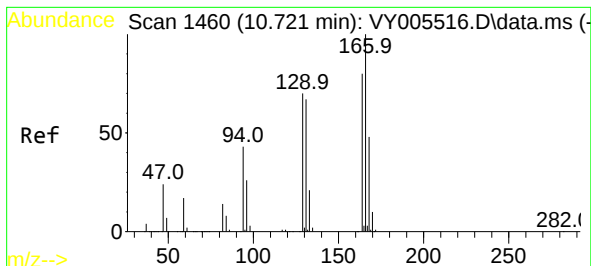
Tgt Ion: 95 Resp: 113038
Ion Ratio Lower Upper
95 100
174 96.1 0.0 191.4
176 92.7 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

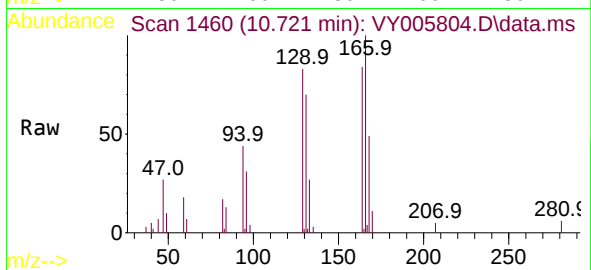
Tgt Ion: 117 Resp: 292919
Ion Ratio Lower Upper
117 100
82 56.1 43.5 65.3
119 32.3 25.5 38.3



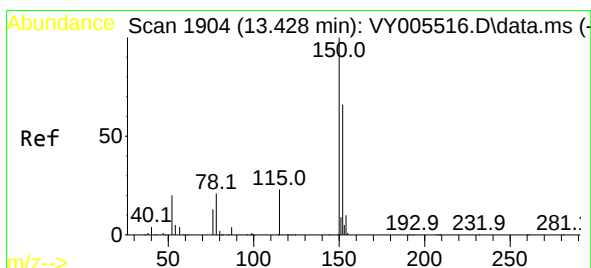
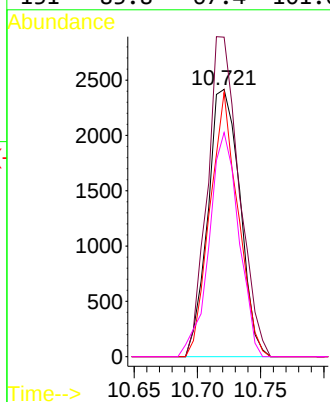
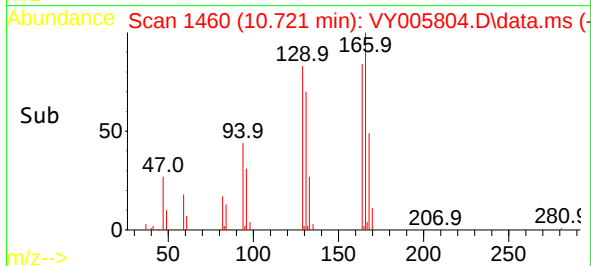


#64
Tetrachloroethene
Concen: 1.907 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

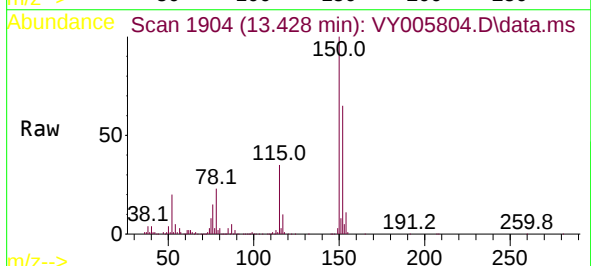
Instrument :
MSVOA_Y
ClientSampleId :



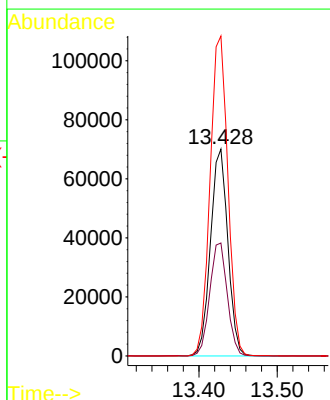
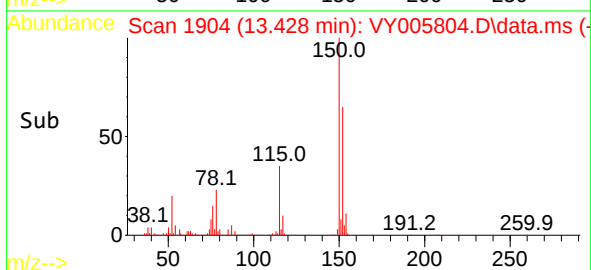
Tgt Ion:	164	Resp:	4252
Ion	Ratio	Lower	Upper
164	100		
166	119.5	99.8	149.8
129	98.8	70.1	105.1
131	83.8	67.4	101.0

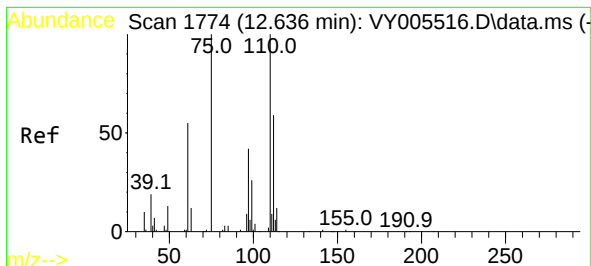


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34



Tgt Ion:	152	Resp:	107999
Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.3	81.9
150	158.1	0.0	350.2

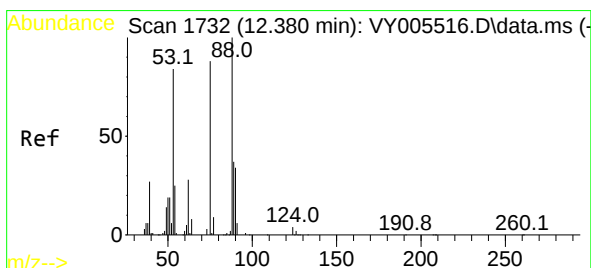
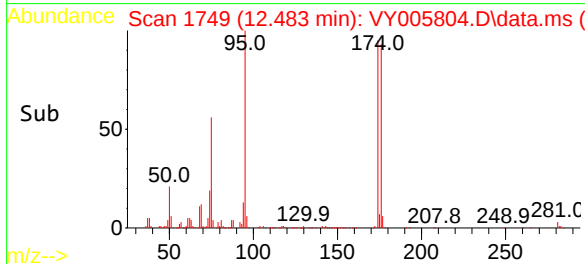
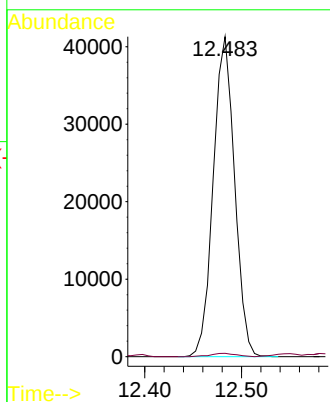
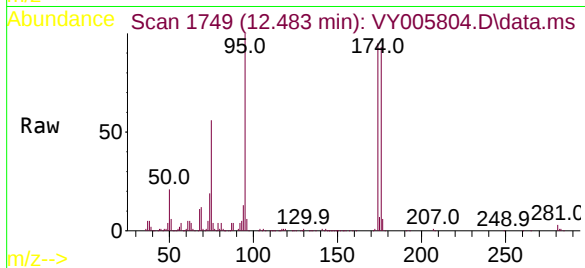




#76
1,2,3-Trichloropropane
Concen: 56.455 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 63183
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.805 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

Tgt Ion: 75 Resp: 63183
Ion Ratio Lower Upper
75 100
53 0.4 76.7 115.1#
89 0.0 38.4 57.6#

