

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005794.D
 Acq On : 20 Aug 2021 15:42
 Operator : SY/MD
 Sample : M3467-20
 Misc : 3.77G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:08:11 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)

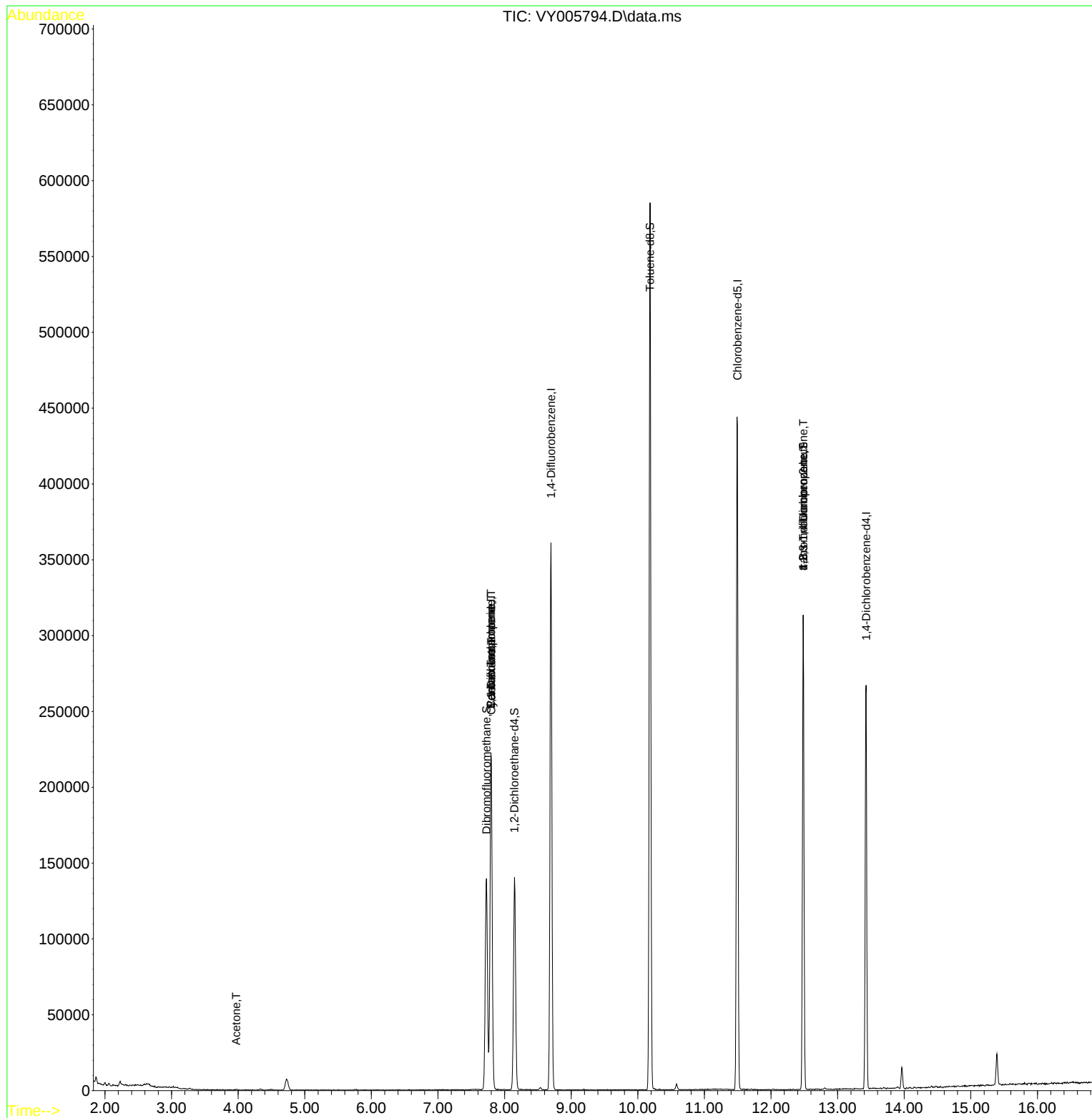
Internal Standards						
1) Pentafluorobenzene	7.795	168	181064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	298640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	243603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113866	62.126	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.260%			
35) Dibromofluoromethane	7.728	113	94226	56.355	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.700%			
50) Toluene-d8	10.185	98	374756	53.443	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.880%			
62) 4-Bromofluorobenzene	12.483	95	81326	35.022	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 70.040%			
Target Compounds						Qvalue
16) Acetone	3.973	43	744	1.610	ug/l	96
20) Methylene Chloride	4.741	84	5491	Below Cal	#	83
31) Cyclohexane	7.801	56	3926	1.249	ug/l #	33
36) 1,1-Dichloropropene	7.795	75	12676	4.525	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16862	5.539	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	44913	61.142	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44913	123.254	ug/l #	11

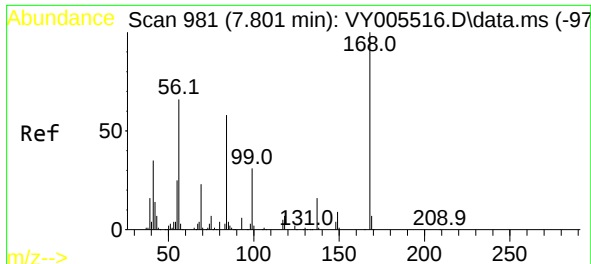
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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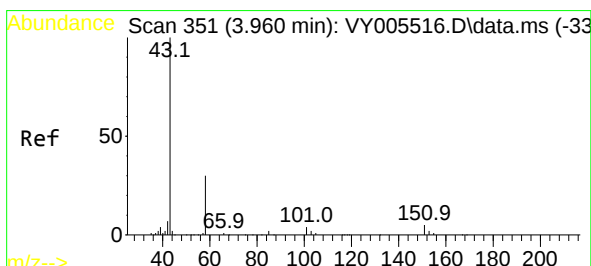
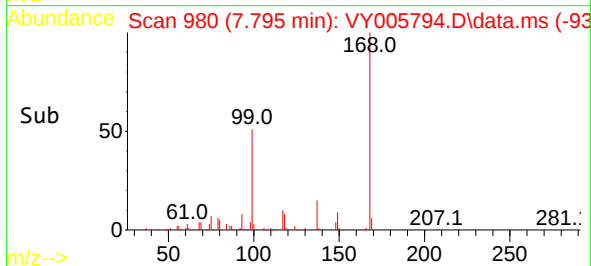
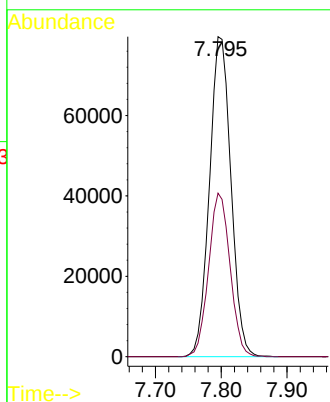
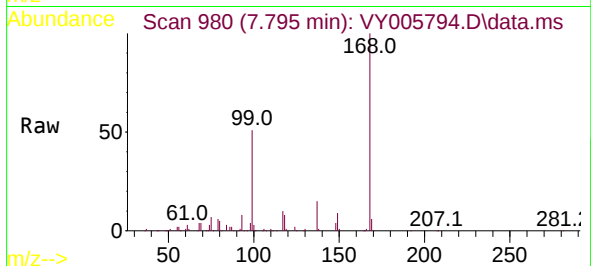




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

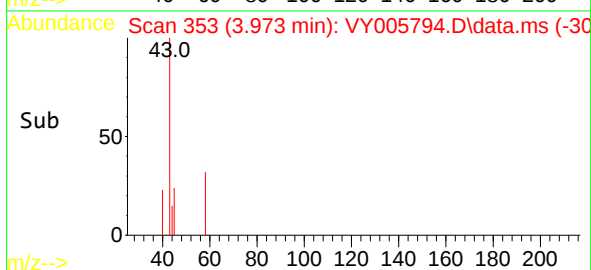
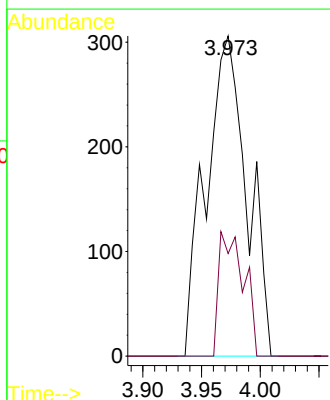
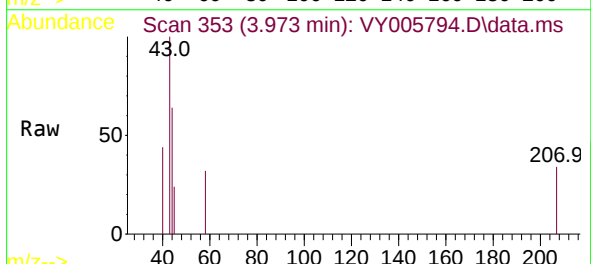
Instrument :
MSVOA_Y
ClientSampleId :

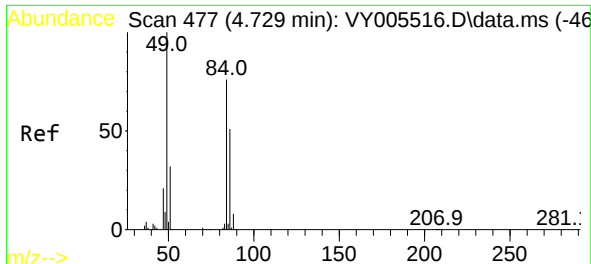
Tgt Ion:168 Resp: 181064
Ion Ratio Lower Upper
168 100
99 51.1 38.9 58.3



#16
Acetone
Concen: 1.610 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

Tgt Ion: 43 Resp: 744
Ion Ratio Lower Upper
43 100
58 32.0 23.8 35.6

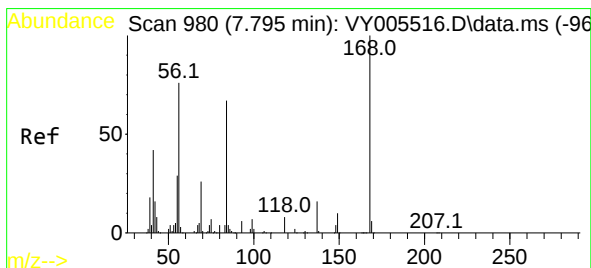
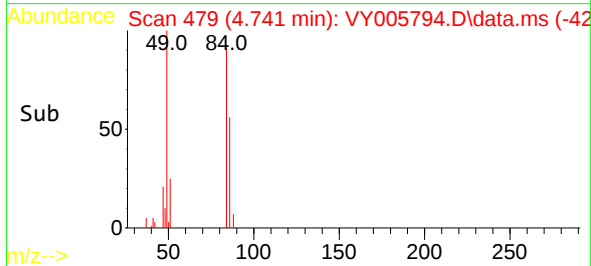
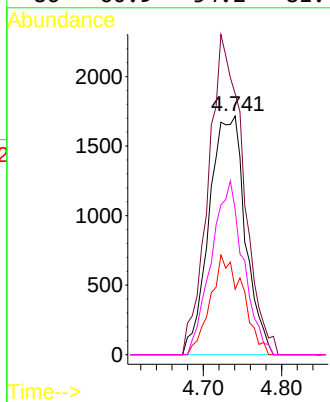
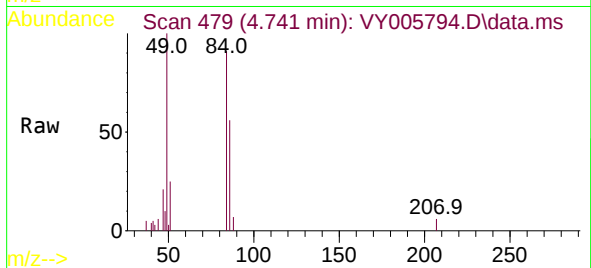




#20
Methylene Chloride
Concen: Below Cal
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

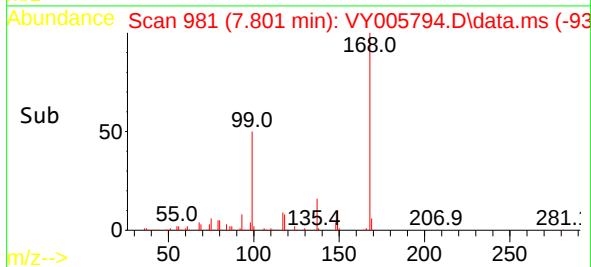
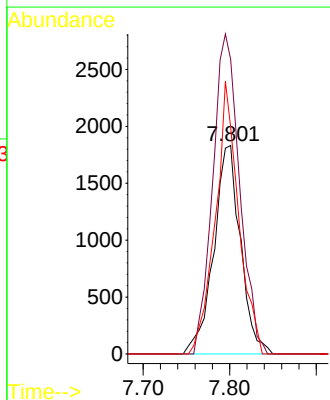
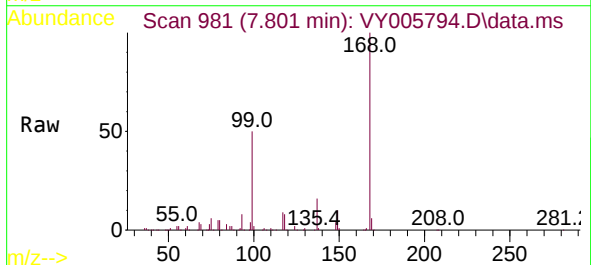
Instrument :
MSVOA_Y
ClientSampleId :

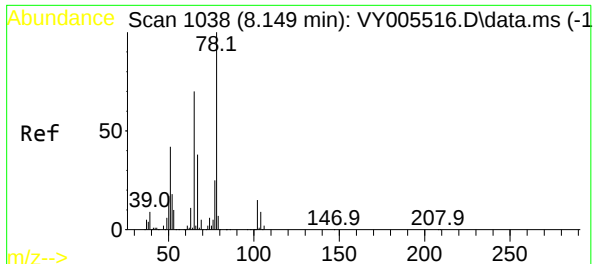
Tgt Ion:	84	Resp:	5491
Ion	Ratio	Lower	Upper
84	100		
49	109.4	105.8	158.6
51	27.5	33.4	50.2#
86	60.9	54.2	81.4



#31
Cyclohexane
Concen: 1.249 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

Tgt Ion:	56	Resp:	3926
Ion	Ratio	Lower	Upper
56	100		
69	141.2	27.7	41.5#
84	108.6	70.9	106.3#

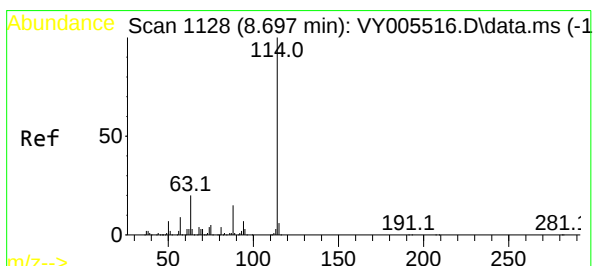
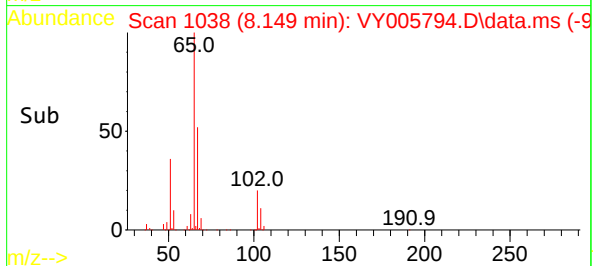
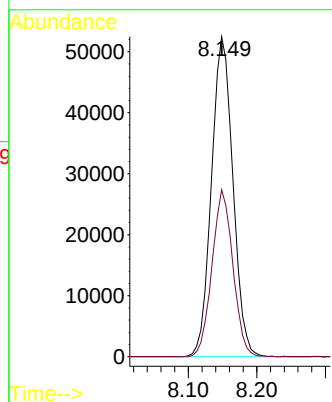
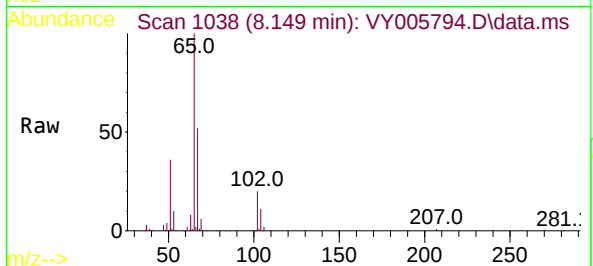




#33
1,2-Dichloroethane-d4
Concen: 62.126 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

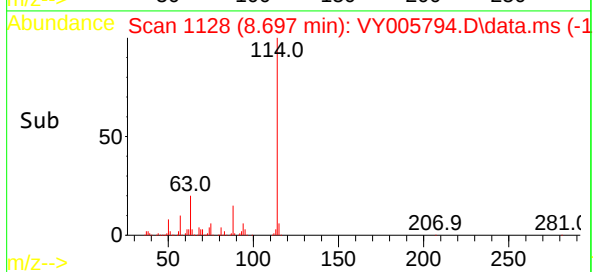
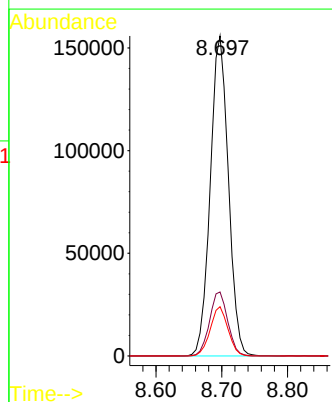
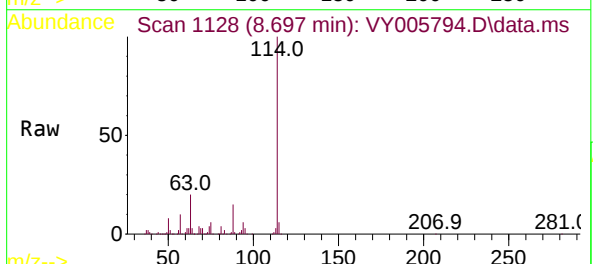
Instrument :
MSVOA_Y
ClientSampled :

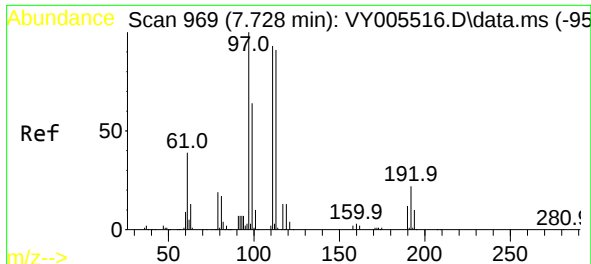
Tgt Ion: 65 Resp: 113866
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

Tgt Ion:114 Resp: 298640
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 15.4 0.0 30.8

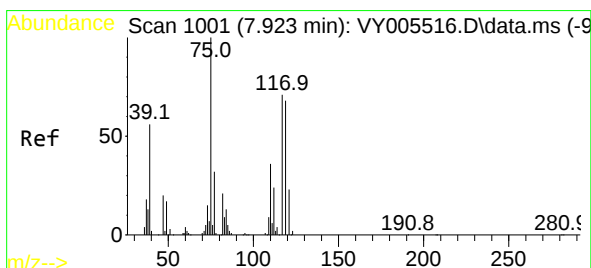
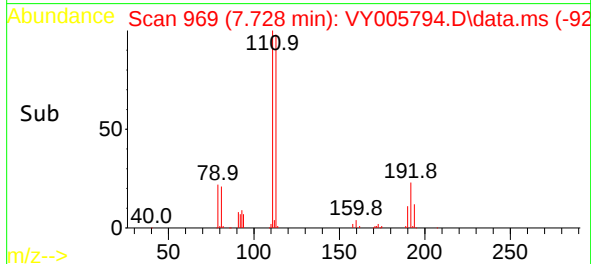
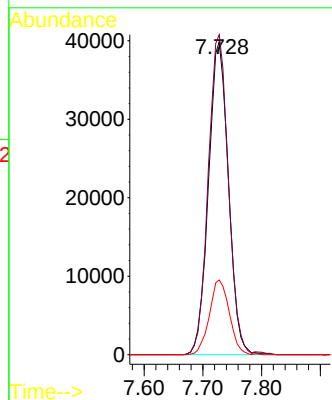
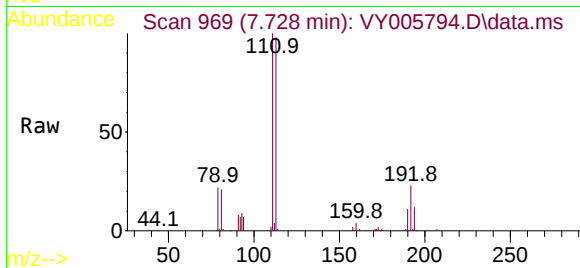




#35
Dibromofluoromethane
Concen: 56.355 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

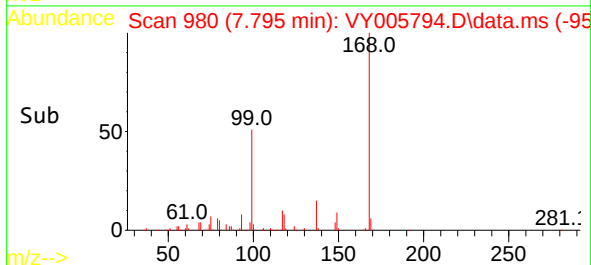
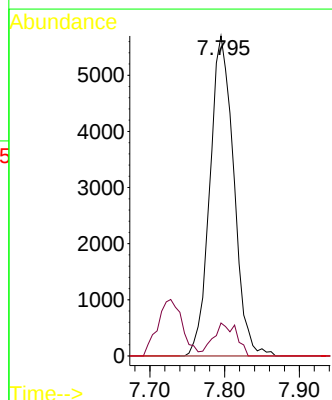
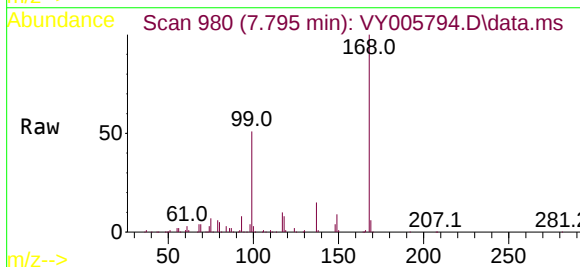
Instrument :
MSVOA_Y
ClientSampled :

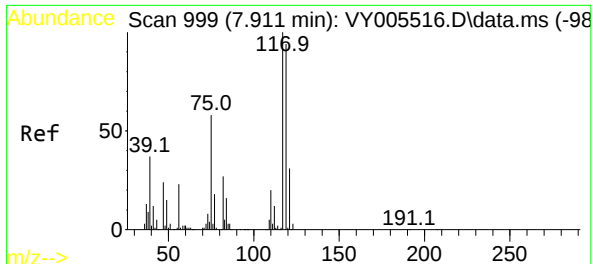
Tgt Ion:113 Resp: 94226
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 23.8 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.525 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

Tgt Ion: 75 Resp: 12676
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.1#
77 0.0 25.1 37.7#

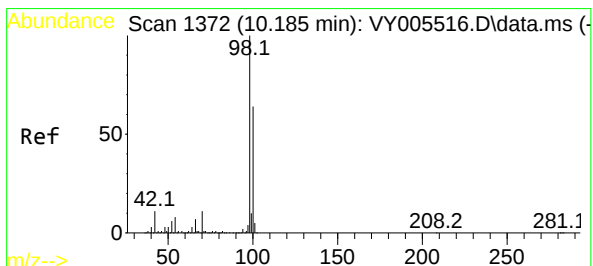
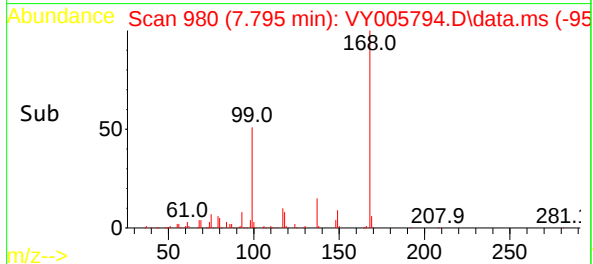
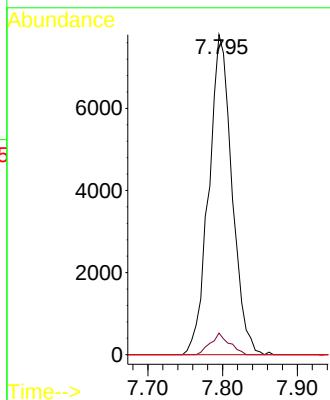
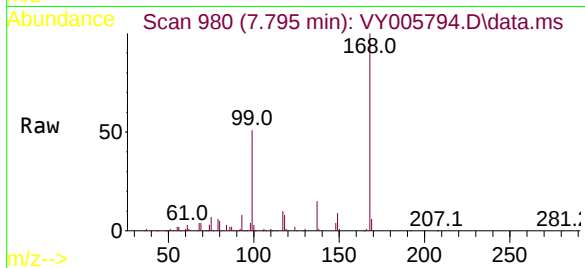




#38
Carbon Tetrachloride
Concen: 5.539 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

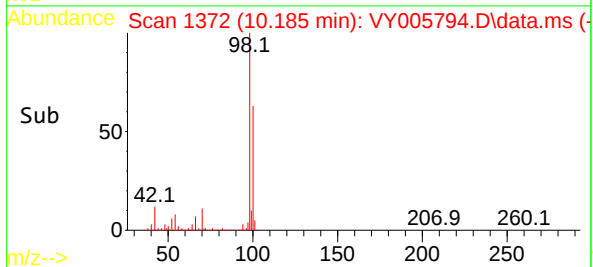
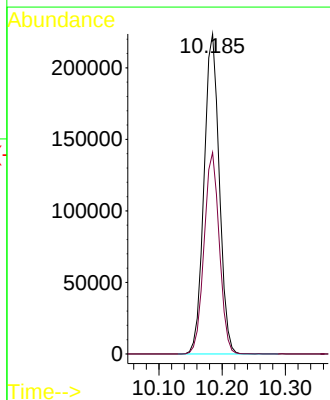
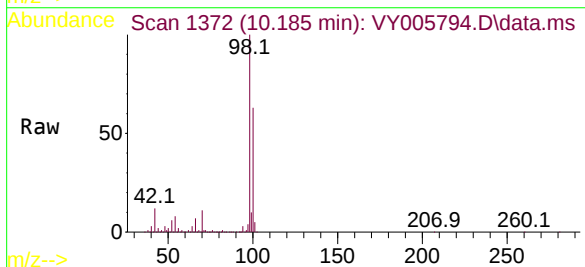
Instrument :
MSVOA_Y
ClientSampleId :

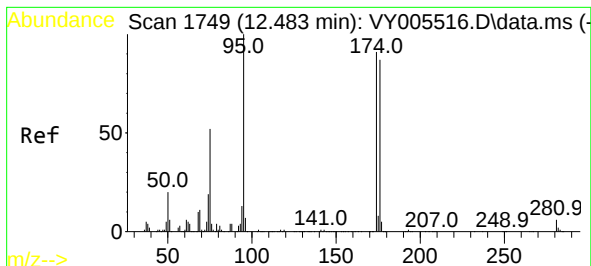
Tgt Ion:117 Resp: 16862
Ion Ratio Lower Upper
117 100
119 6.8 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.443 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

Tgt Ion: 98 Resp: 374756
Ion Ratio Lower Upper
98 100
100 62.9 51.3 76.9

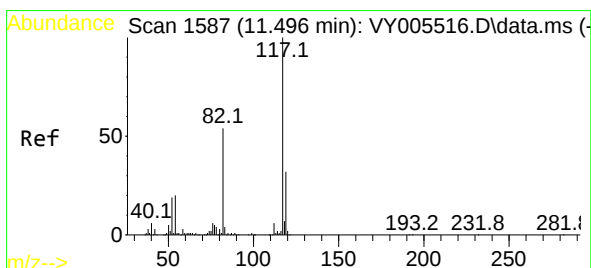
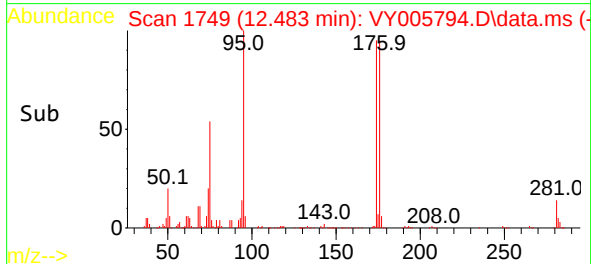
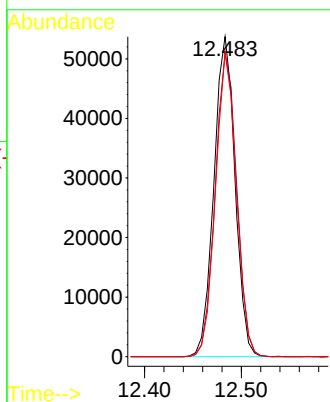
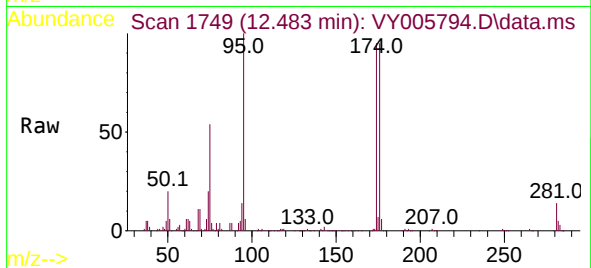




#62
4-Bromofluorobenzene
Concen: 35.022 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

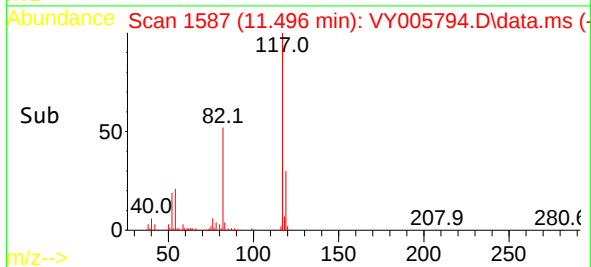
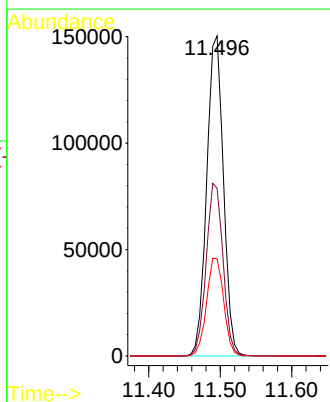
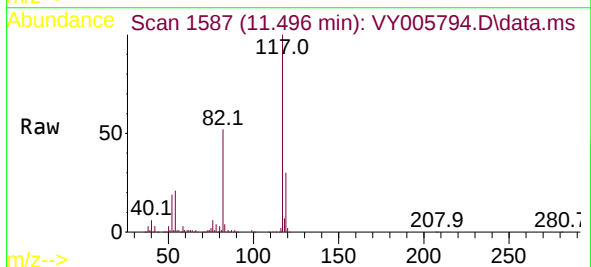
Instrument :
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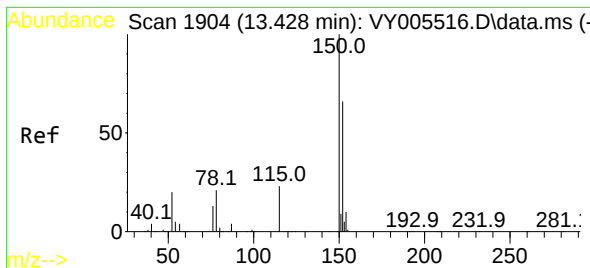
Tgt Ion: 95 Resp: 81326
Ion Ratio Lower Upper
95 100
174 96.2 0.0 191.4
176 93.6 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

Tgt Ion: 117 Resp: 243603
Ion Ratio Lower Upper
117 100
82 52.4 43.5 65.3
119 30.4 25.5 38.3

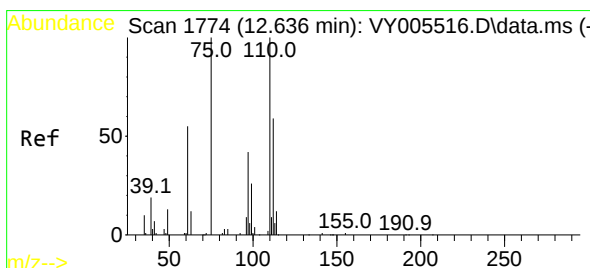
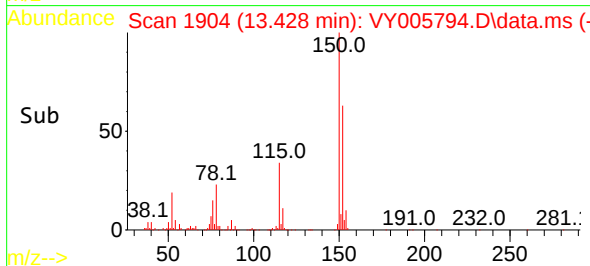
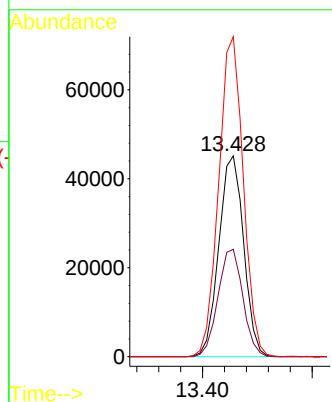
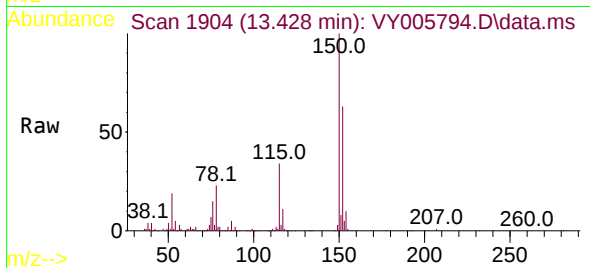




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

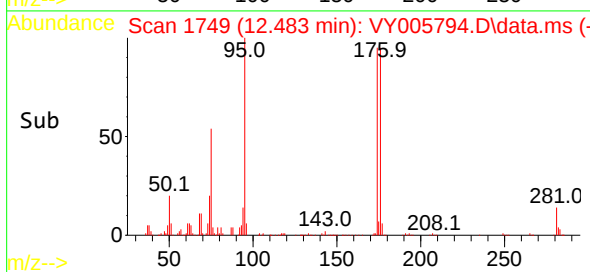
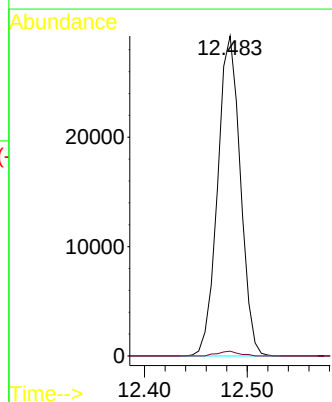
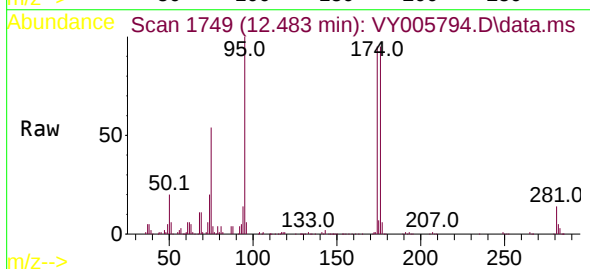
Instrument :
MSVOA_Y
ClientSampled :

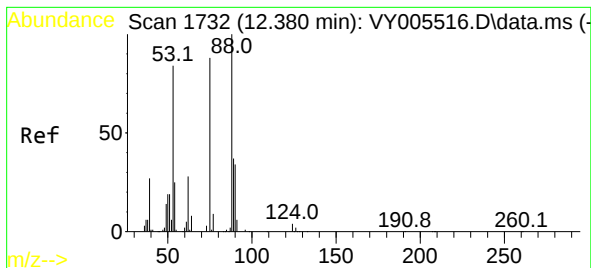
Tgt Ion:152 Resp: 70885
Ion Ratio Lower Upper
152 100
115 53.8 27.3 81.9
150 157.9 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 61.142 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

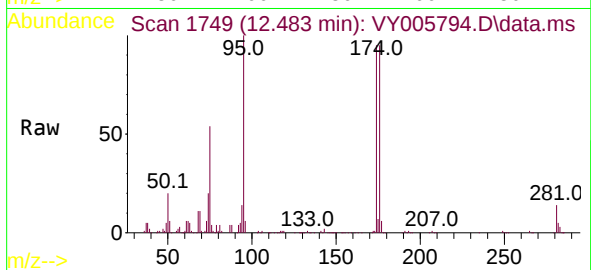
Tgt Ion: 75 Resp: 44913
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 123.254 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 44913
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

