

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005792.D
 Acq On : 20 Aug 2021 14:55
 Operator : SY/MD
 Sample : M3467-16
 Misc : 2.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:07:41 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)

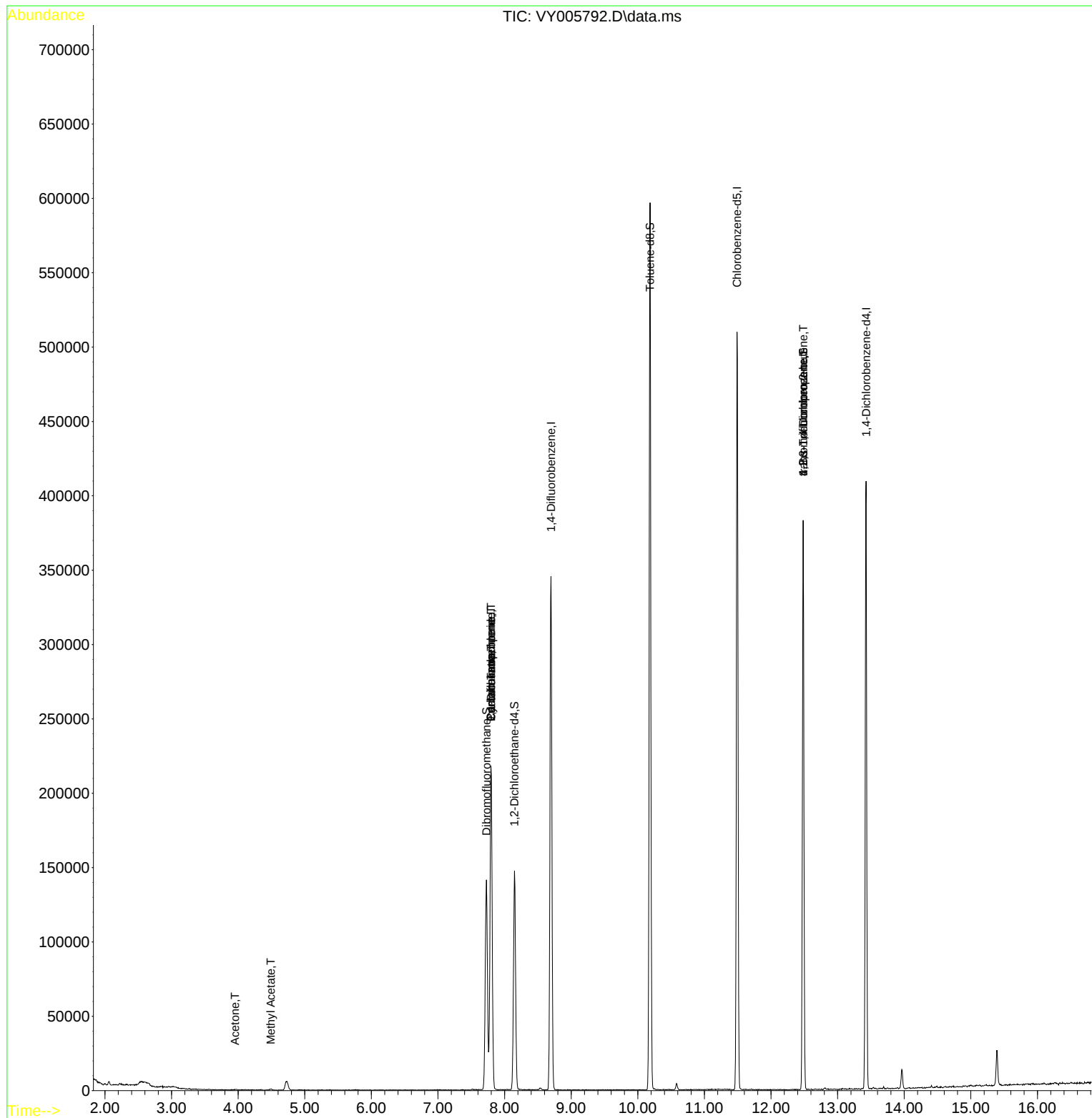
Internal Standards						
1) Pentafluorobenzene	7.795	168	178457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	295319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	276454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118589	65.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.300%
35) Dibromofluoromethane	7.728	113	93551	56.580	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.160%
50) Toluene-d8	10.185	98	378546	54.590	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.180%
62) 4-Bromofluorobenzene	12.483	95	105781	46.066	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.140%
Target Compounds						
						Qvalue
16) Acetone	3.954	43	619	1.359	ug/l	92
18) Methyl Acetate	4.491	43	1290	1.083	ug/l #	88
20) Methylene Chloride	4.735	84	4641	Below Cal		97
31) Cyclohexane	7.795	56	3662	1.182	ug/l #	13
36) 1,1-Dichloropropene	7.795	75	12279	4.433	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15658	5.201	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	57975	54.065	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57975	108.987	ug/l #	11

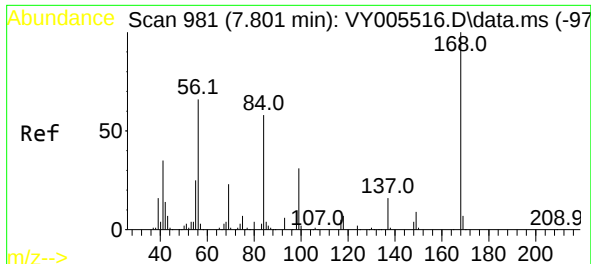
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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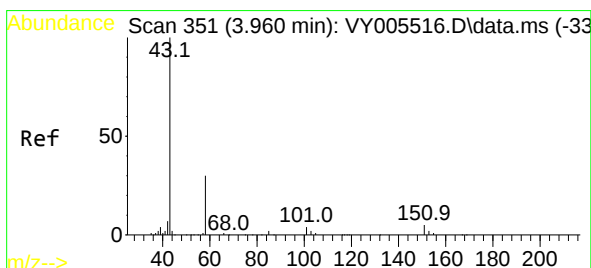
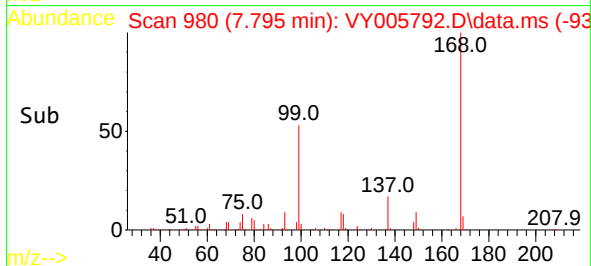
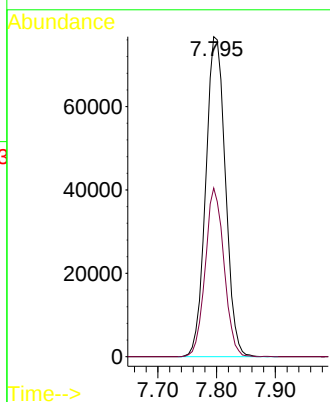
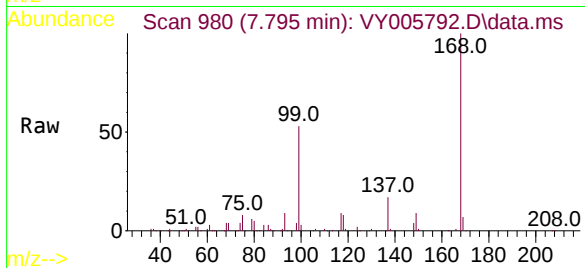




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

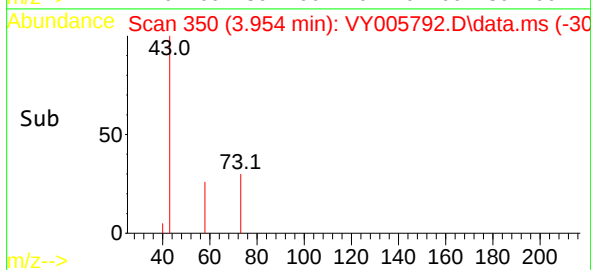
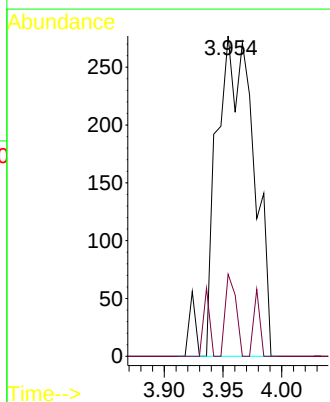
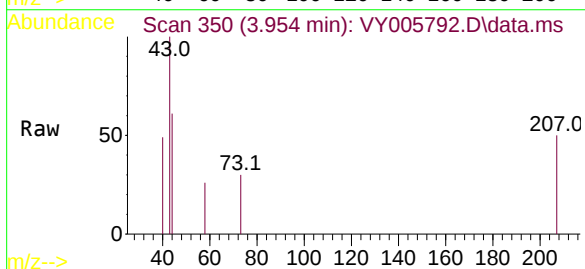
Instrument :
MSVOA_Y
ClientSampleId :

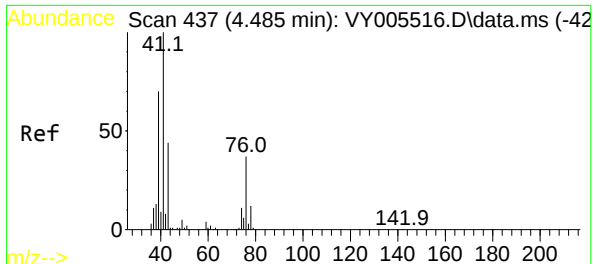
Tgt Ion:168 Resp: 178457
Ion Ratio Lower Upper
168 100
99 52.7 38.9 58.3



#16
Acetone
Concen: 1.359 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

Tgt Ion: 43 Resp: 619
Ion Ratio Lower Upper
43 100
58 25.6 23.8 35.6

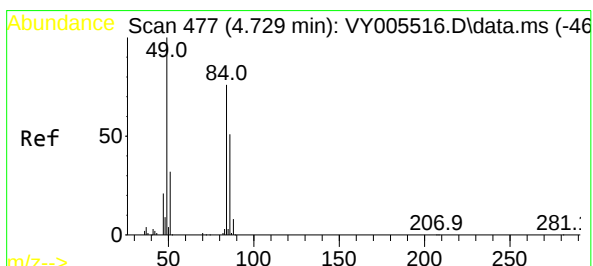
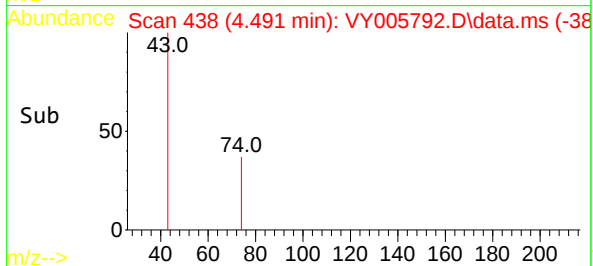
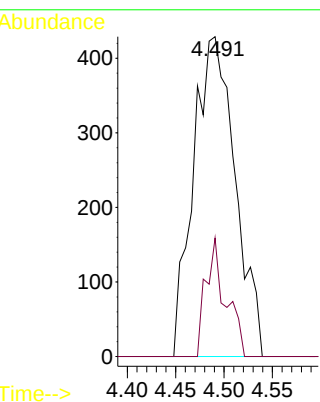
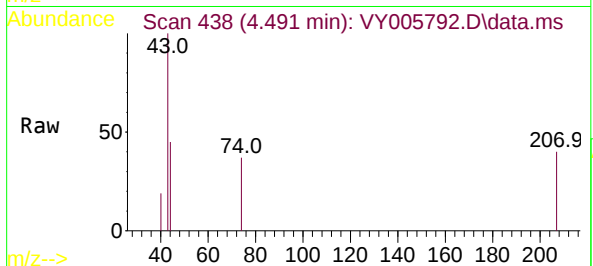




#18
Methyl Acetate
Concen: 1.083 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

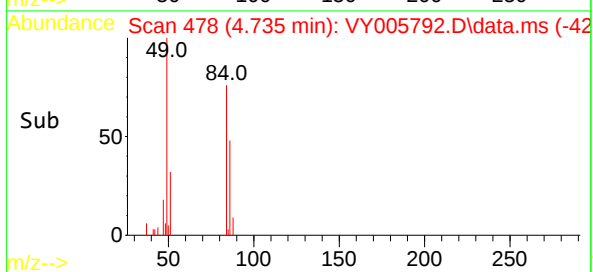
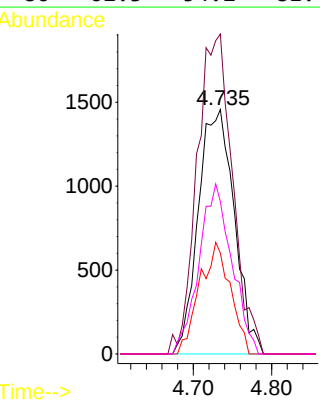
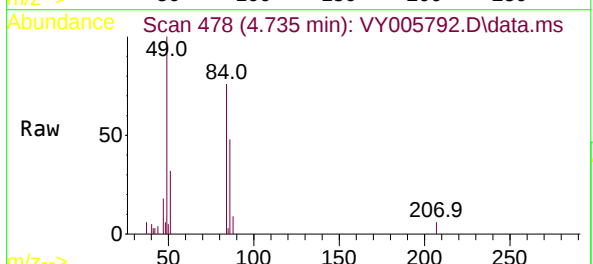
Instrument :
MSVOA_Y
ClientSampled :

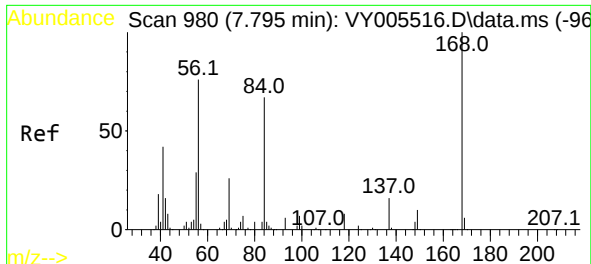
Tgt Ion: 43 Resp: 1290
Ion Ratio Lower Upper
43 100
74 17.7 19.0 28.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

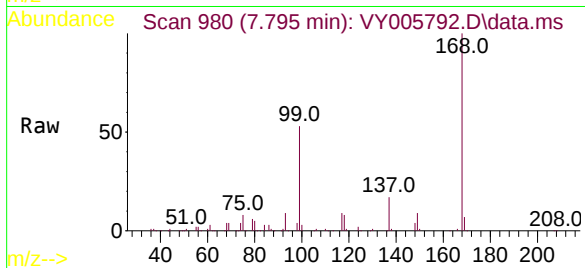
Tgt Ion: 84 Resp: 4641
Ion Ratio Lower Upper
84 100
49 130.9 105.8 158.6
51 41.2 33.4 50.2
86 62.3 54.2 81.4



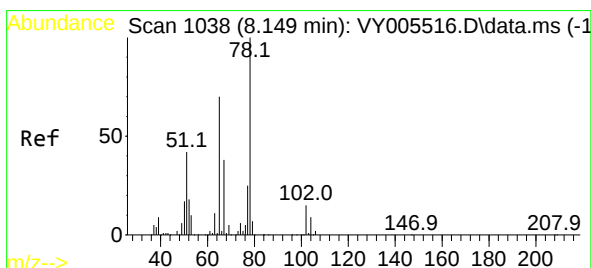
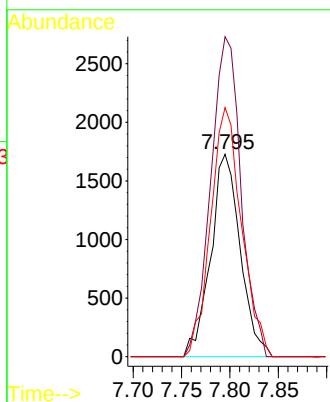
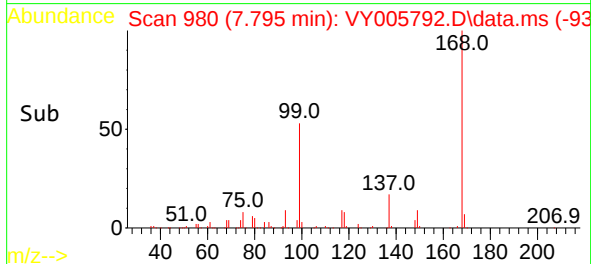


#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

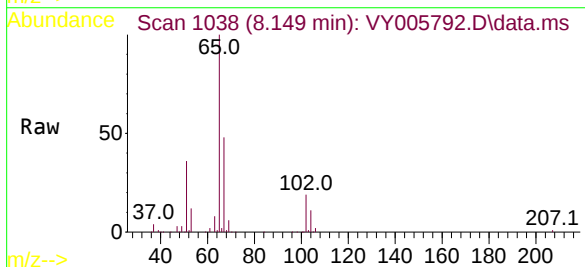
Instrument :
MSVOA_Y
ClientSampleId :



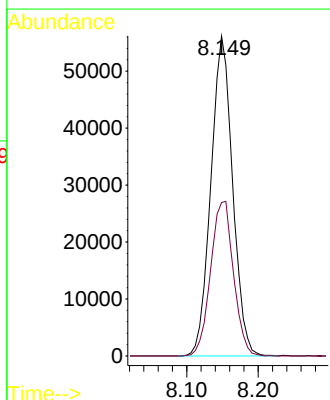
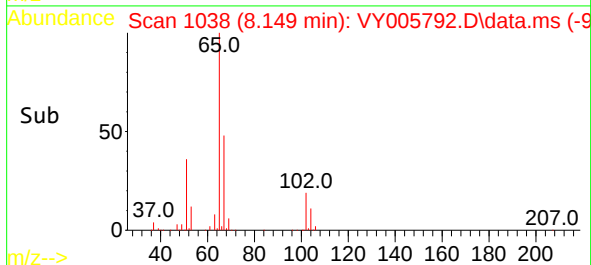
Tgt Ion: 56 Resp: 3662
Ion Ratio Lower Upper
56 100
69 158.1 27.7 41.5#
84 123.1 70.9 106.3#

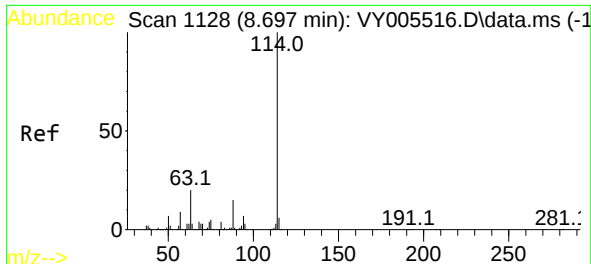


#33
1,2-Dichloroethane-d4
Concen: 65.648 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55



Tgt Ion: 65 Resp: 118589
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4

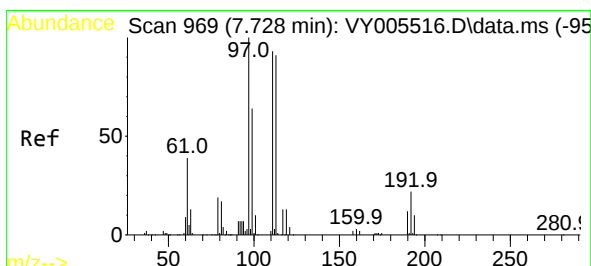
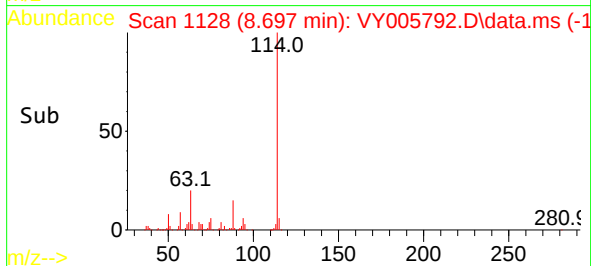
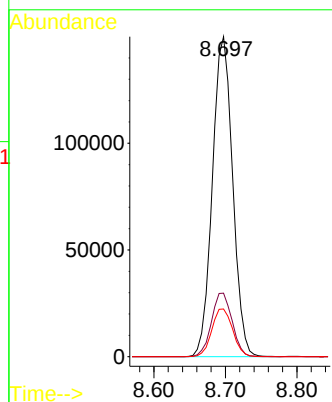
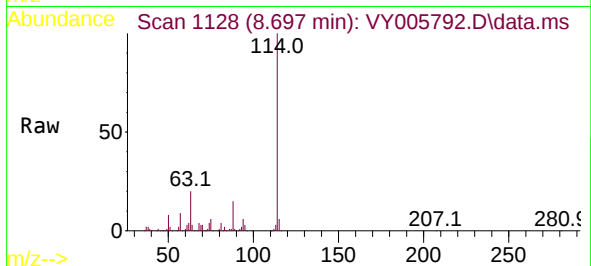




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

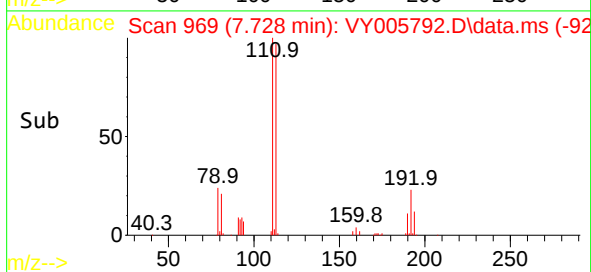
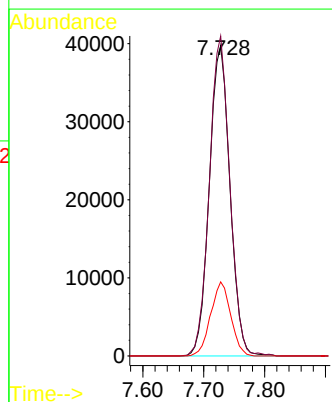
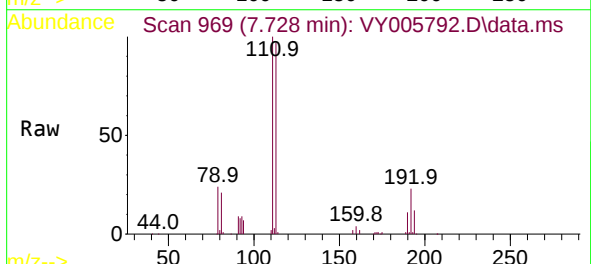
Instrument :
MSVOA_Y
ClientSampled :

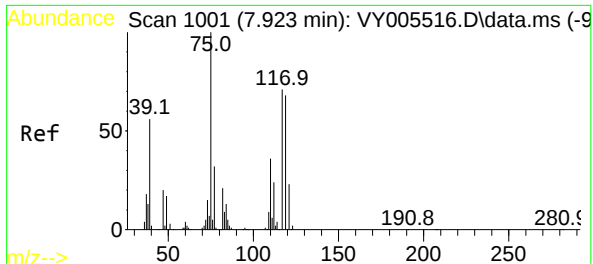
Tgt Ion:114 Resp: 295319
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.2
88 14.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 56.580 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

Tgt Ion:113 Resp: 93551
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 23.2 19.2 28.8

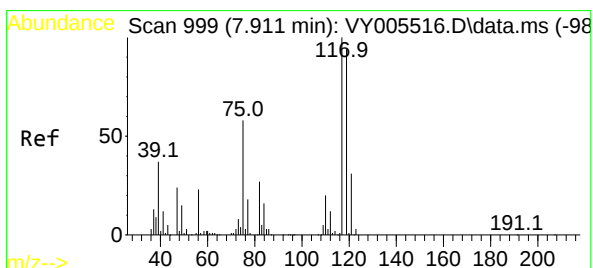
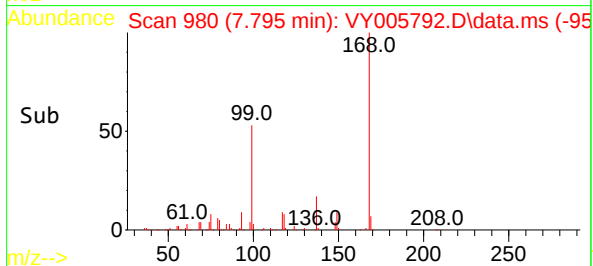
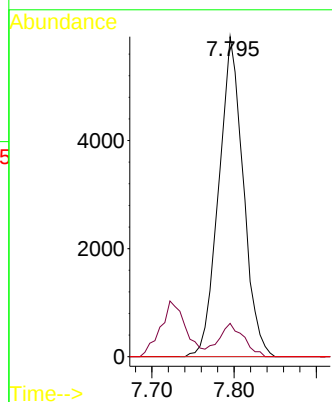
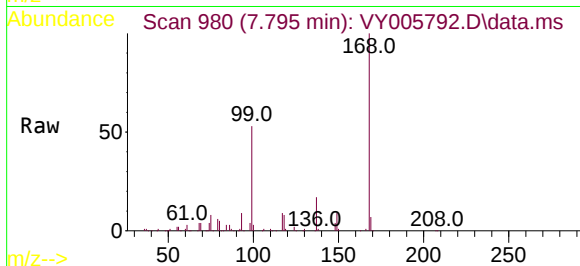




#36
1,1-Dichloropropene
Concen: 4.433 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

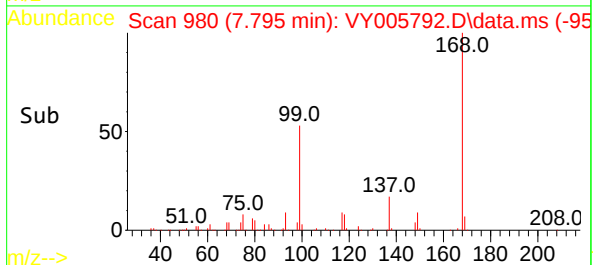
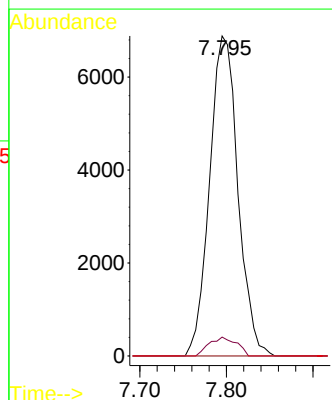
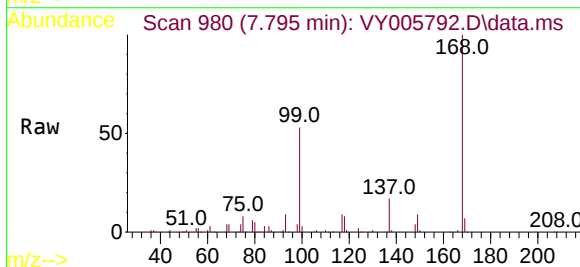
Instrument :
MSVOA_Y
ClientSampled :

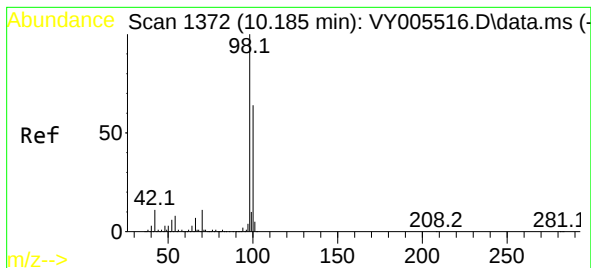
Tgt Ion:	75	Resp:	12279
Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.1	54.1#
77	0.0	25.1	37.7#



#38
Carbon Tetrachloride
Concen: 5.201 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

Tgt Ion:	117	Resp:	15658
Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.4	113.0#
121	0.0	25.1	37.7#

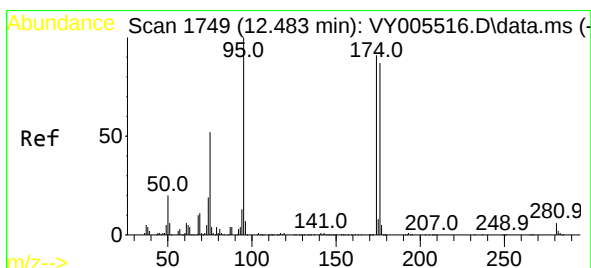
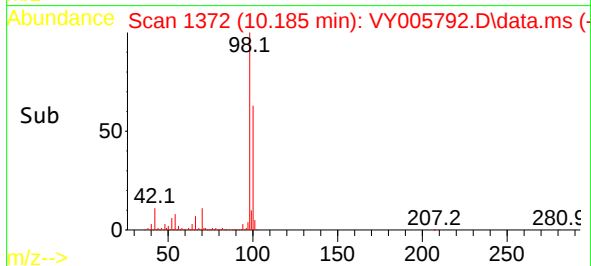
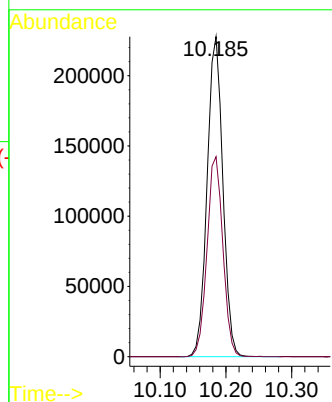
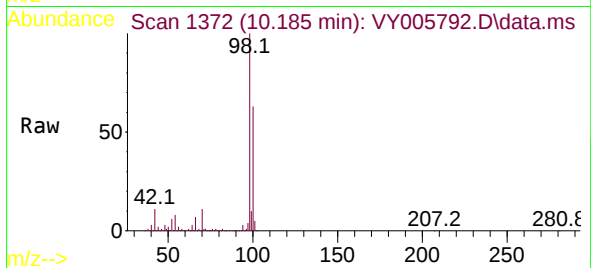




#50
Toluene-d8
Concen: 54.590 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

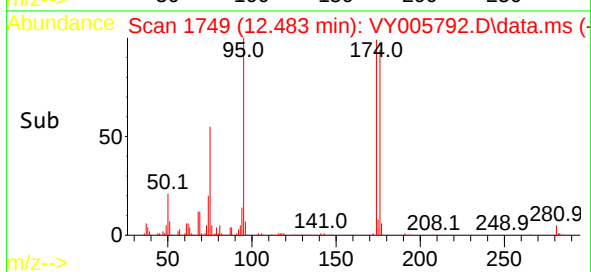
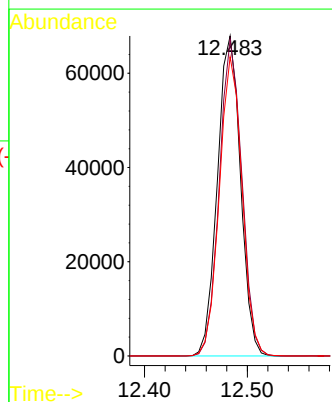
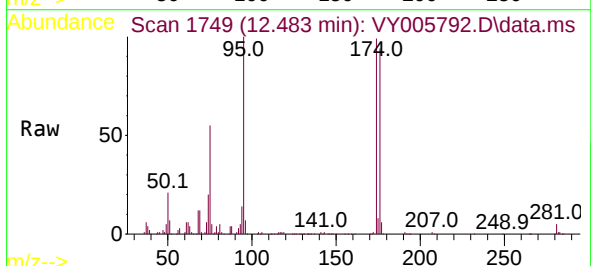
Instrument :
MSVOA_Y
ClientSampleId :

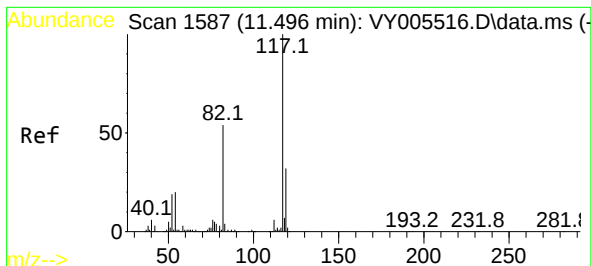
Tgt Ion: 98 Resp: 378546
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 46.066 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

Tgt Ion: 95 Resp: 105781
Ion Ratio Lower Upper
95 100
174 96.4 0.0 191.4
176 92.0 0.0 183.6

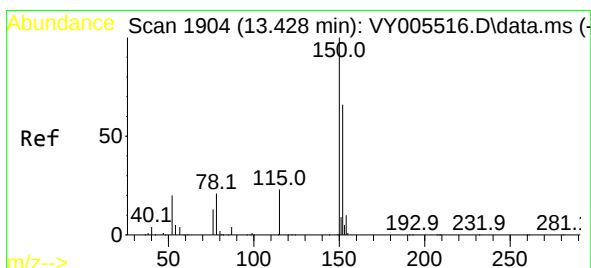
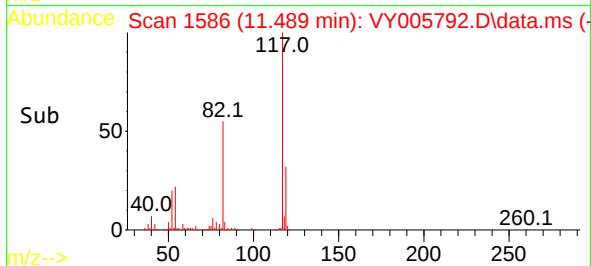
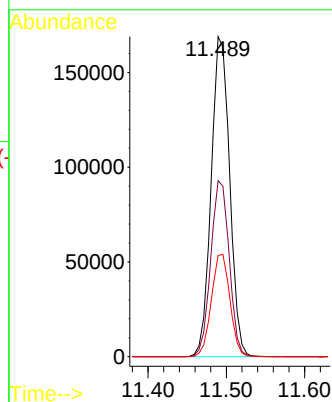
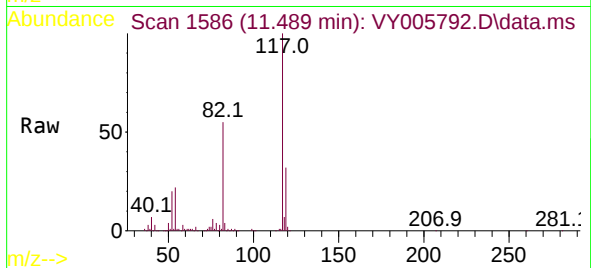




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

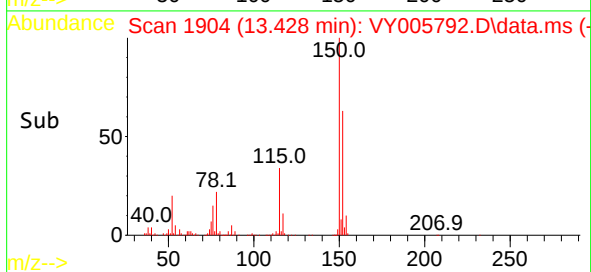
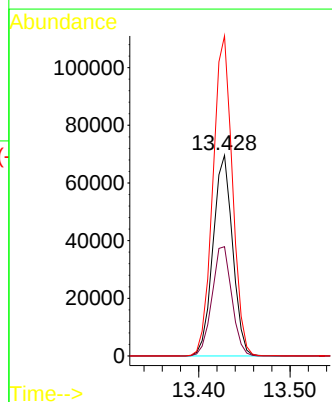
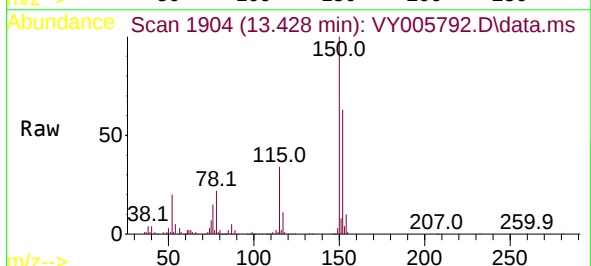
Instrument :
MSVOA_Y
ClientSampled :

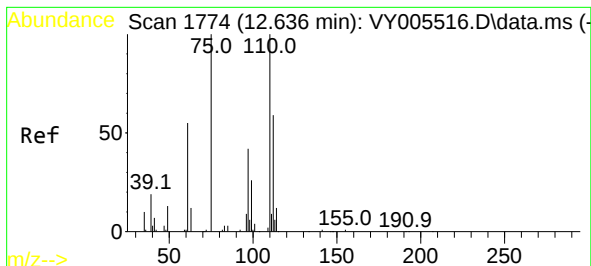
Tgt Ion:117 Resp: 276454
Ion Ratio Lower Upper
117 100
82 55.0 43.5 65.3
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

Tgt Ion:152 Resp: 103478
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 158.5 0.0 350.2

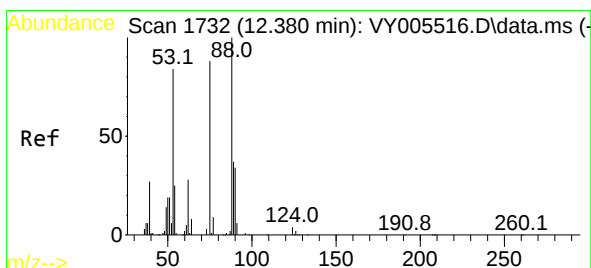
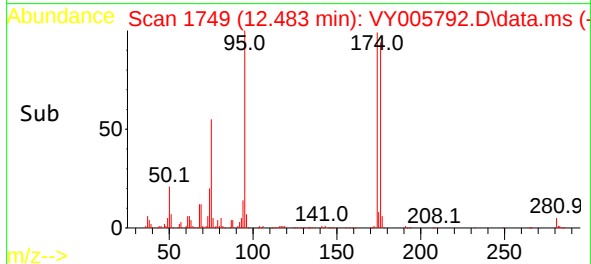
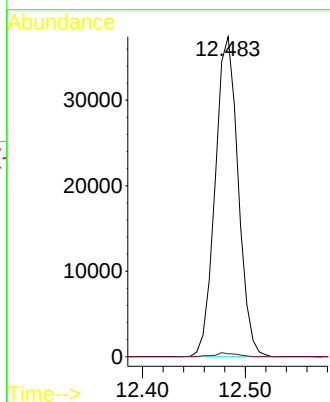
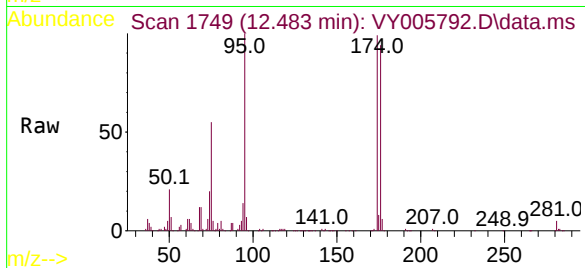




#76
1,2,3-Trichloropropane
Concen: 54.065 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 57975
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.987 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005792.D
Acq: 20 Aug 2021 14:55

Tgt Ion: 75 Resp: 57975
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

