

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005834.D
 Acq On : 25 Aug 2021 12:56
 Operator : SY/MD
 Sample : M3521-03
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124027

Quant Time: Aug 26 03:37:09 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)

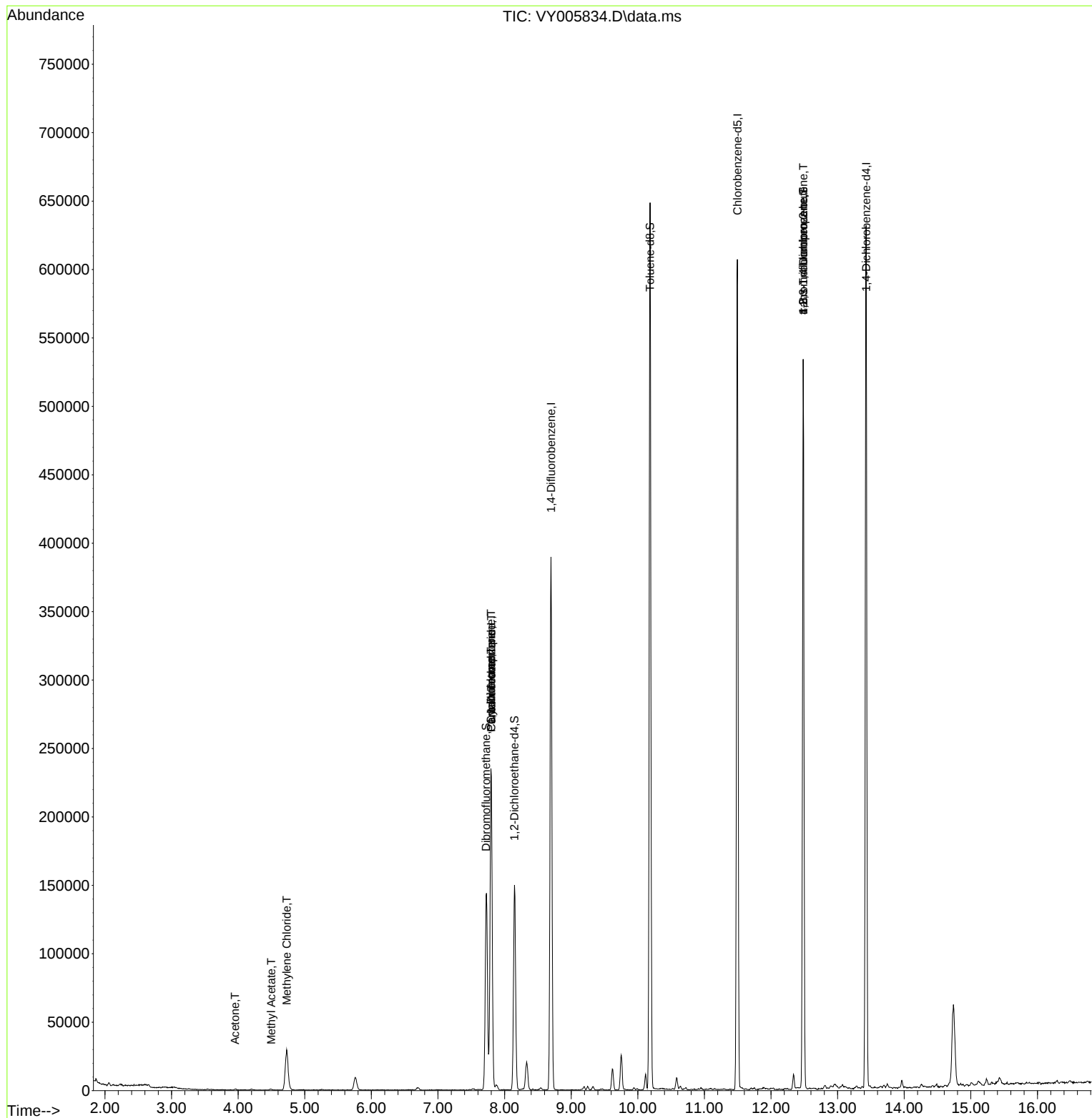
Internal Standards						
1) Pentafluorobenzene	7.801	168	192920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	325778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	333673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122172	62.561	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.120%	
35) Dibromofluoromethane	7.722	113	97285	53.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.680%	
50) Toluene-d8	10.185	98	419565	54.848	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.700%	
62) 4-Bromofluorobenzene	12.483	95	147168	58.097	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.200%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	813	1.651	ug/l #	82
18) Methyl Acetate	4.497	43	1332	1.034	ug/l #	83
20) Methylene Chloride	4.729	84	21157	5.436	ug/l	94
31) Cyclohexane	7.795	56	3868	1.155	ug/l #	15
36) 1,1-Dichloropropene	7.795	75	13017	4.260	ug/l #	51
38) Carbon Tetrachloride	7.801	117	17689	5.327	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	80360	46.364	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80360	93.464	ug/l #	11

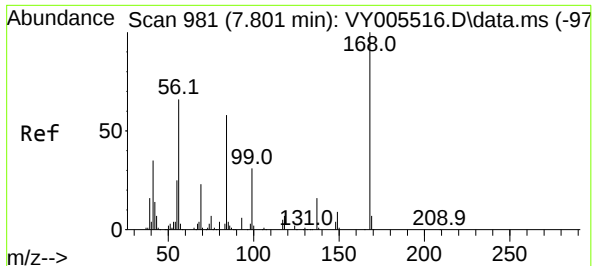
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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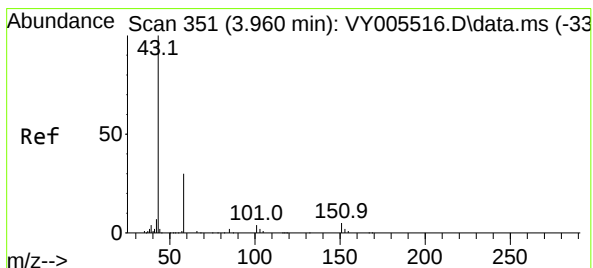
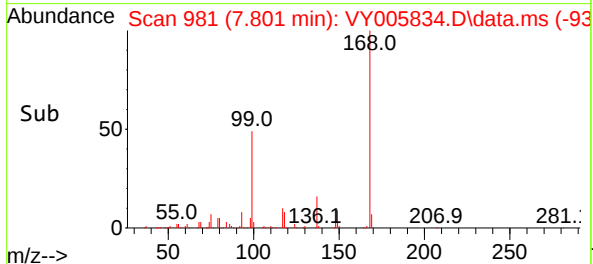
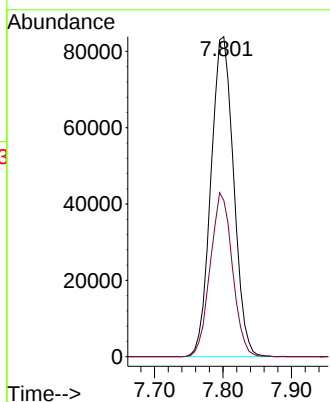
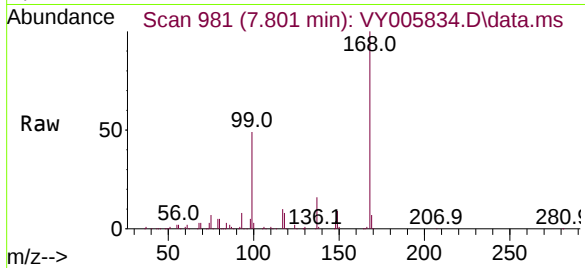




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

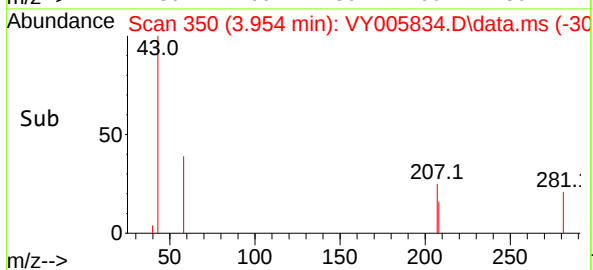
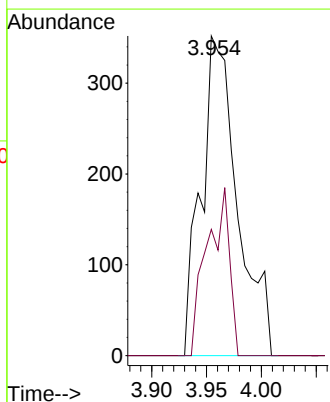
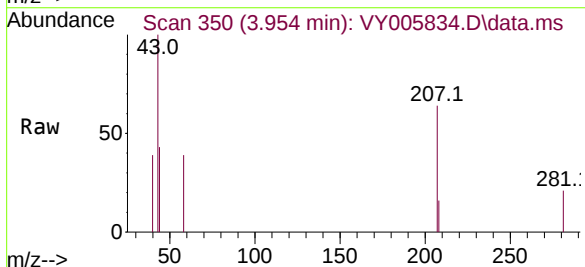
Instrument :
MSVOA_Y
ClientSampleId :
124027

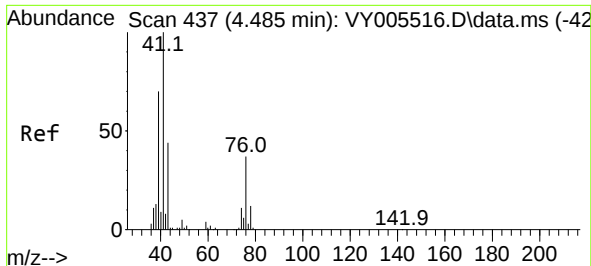
Tgt Ion:168 Resp: 192920
Ion Ratio Lower Upper
168 100
99 48.8 38.9 58.3



#16
Acetone
Concen: 1.651 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

Tgt Ion: 43 Resp: 813
Ion Ratio Lower Upper
43 100
58 39.5 23.8 35.6#

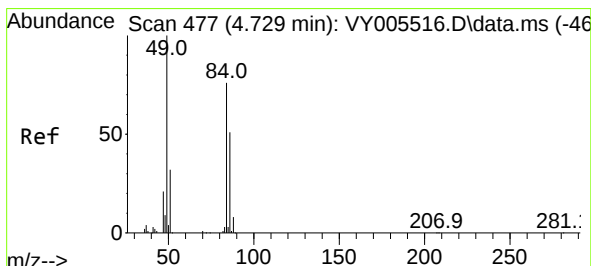
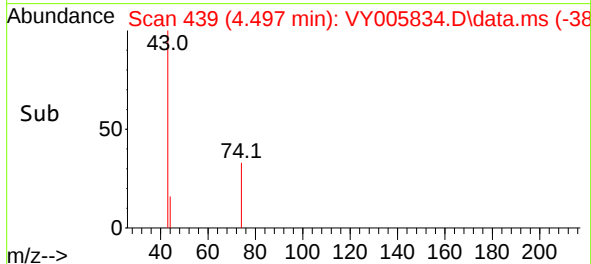
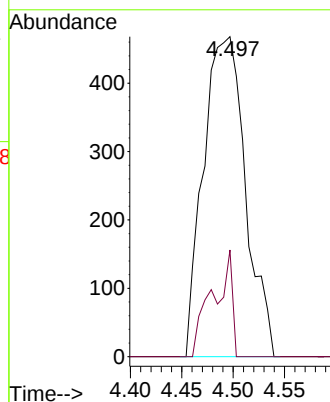
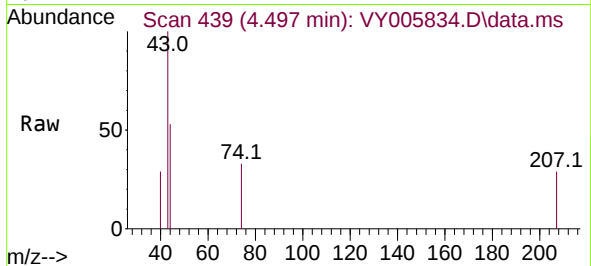




#18
Methyl Acetate
Concen: 1.034 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

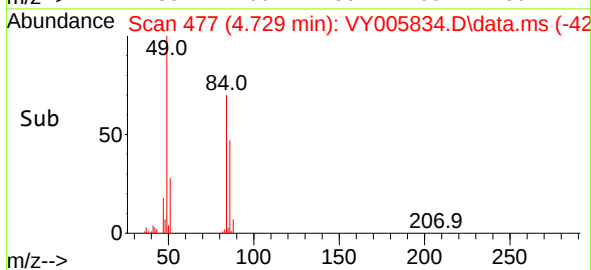
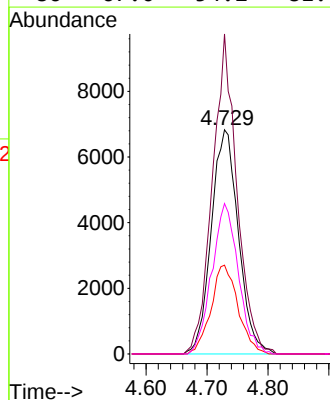
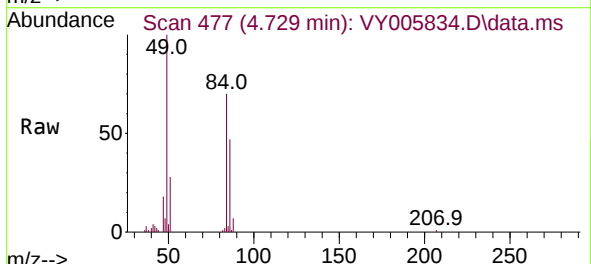
Instrument :
MSVOA_Y
ClientSampled :
124027

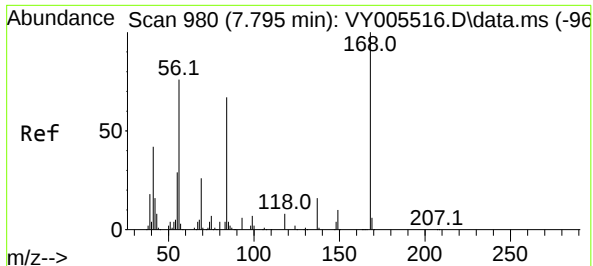
Tgt Ion: 43 Resp: 1332
Ion Ratio Lower Upper
43 100
74 15.4 19.0 28.6#



#20
Methylene Chloride
Concen: 5.436 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

Tgt Ion: 84 Resp: 21157
Ion Ratio Lower Upper
84 100
49 142.7 105.8 158.6
51 39.6 33.4 50.2
86 67.0 54.2 81.4

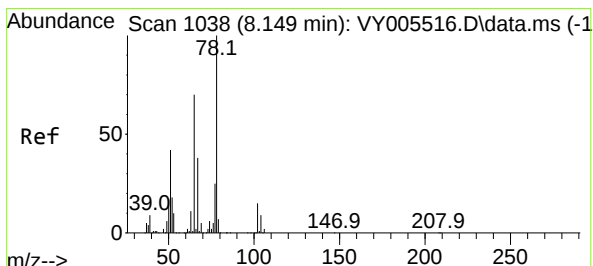
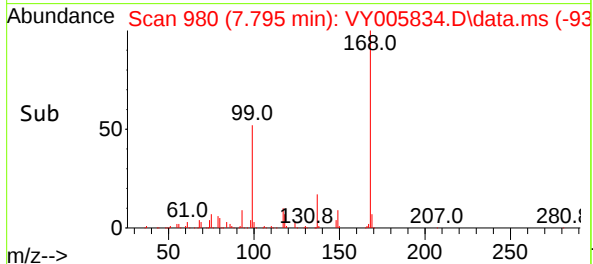
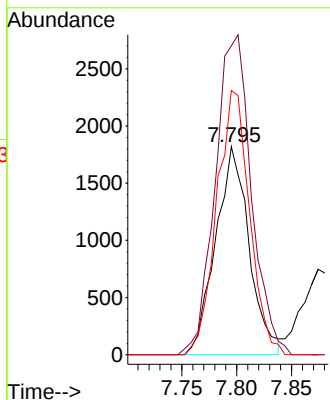
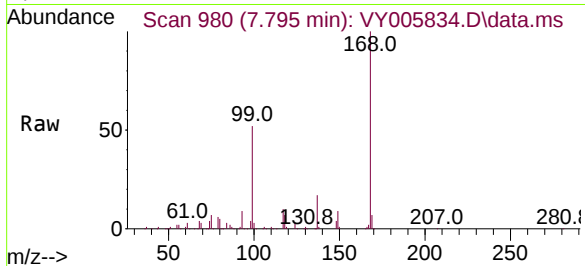




#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

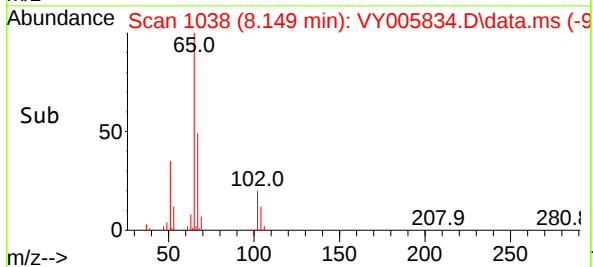
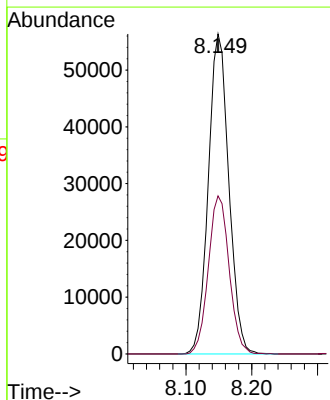
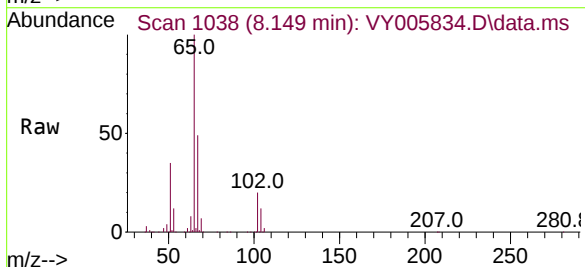
Instrument :
MSVOA_Y
ClientSampled :
124027

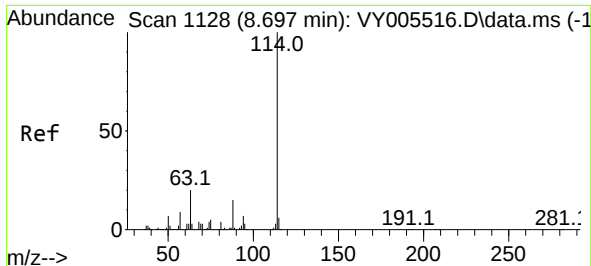
Tgt Ion: 56 Resp: 3868
Ion Ratio Lower Upper
56 100
69 148.5 27.7 41.5#
84 127.0 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 62.561 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

Tgt Ion: 65 Resp: 122172
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.4

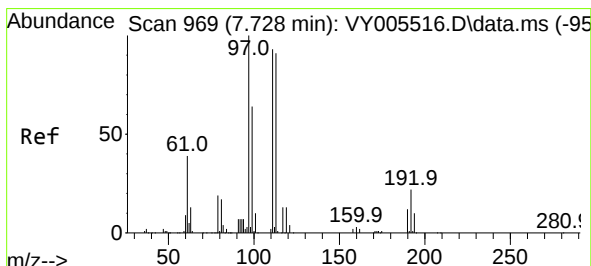
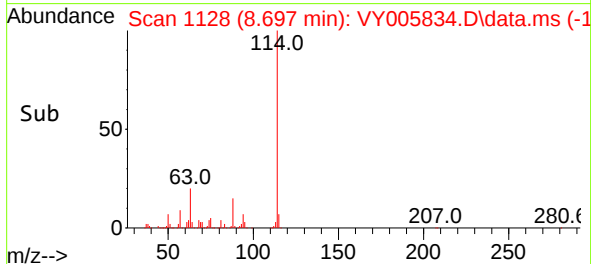
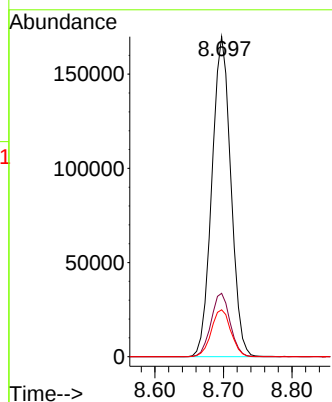
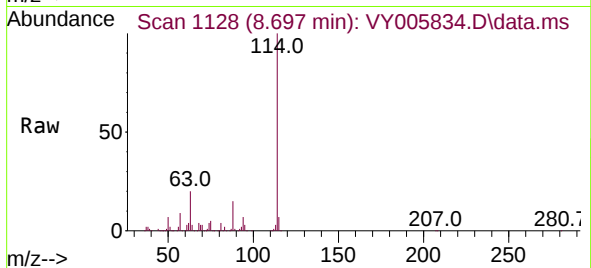




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

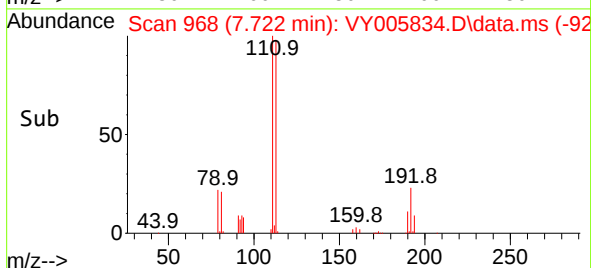
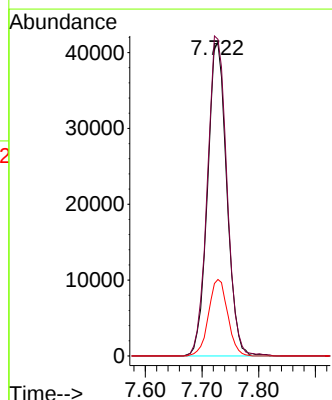
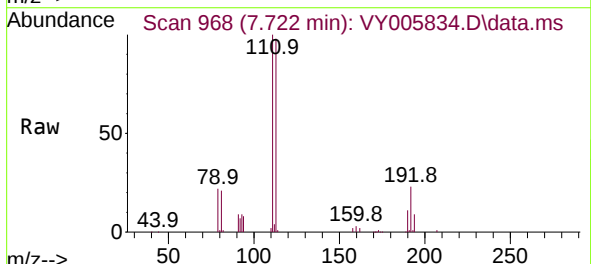
Instrument :
MSVOA_Y
ClientSampleId :
124027

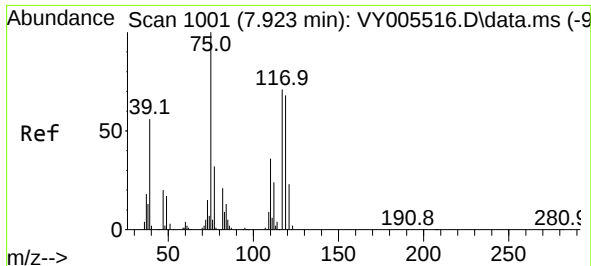
Tgt Ion:114 Resp: 325778
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 14.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.337 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

Tgt Ion:113 Resp: 97285
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 24.3 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.260 ug/l

RT: 7.795 min Scan# 980

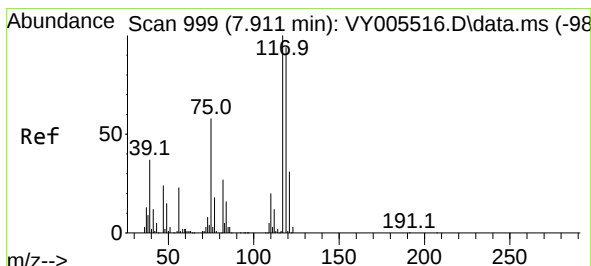
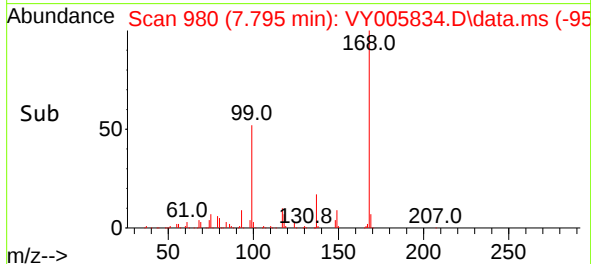
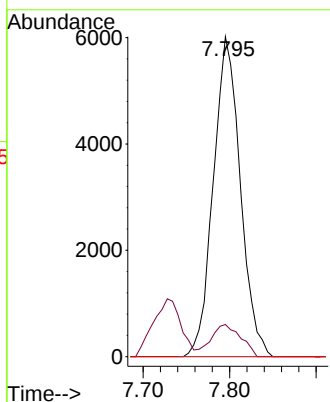
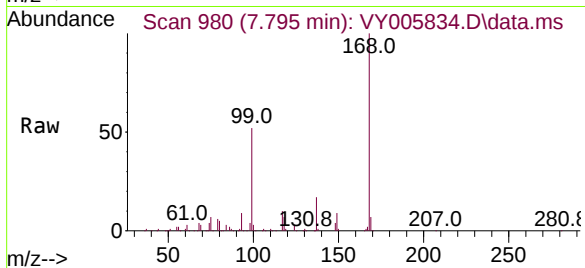
Delta R.T. -0.128 min

Lab File: VY005834.D

Acq: 25 Aug 2021 12:56

Tgt Ion:	75	Resp:	13017
Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.1	54.1#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampleId :
124027



#38

Carbon Tetrachloride

Concen: 5.327 ug/l

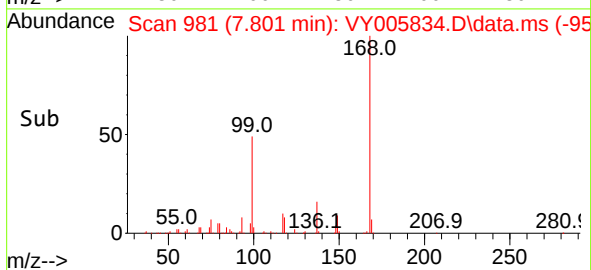
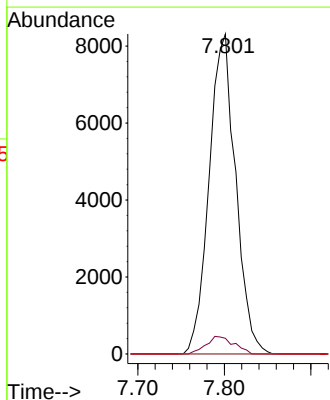
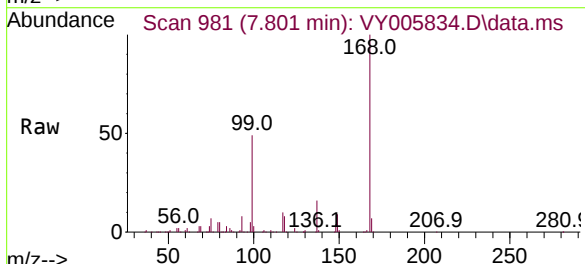
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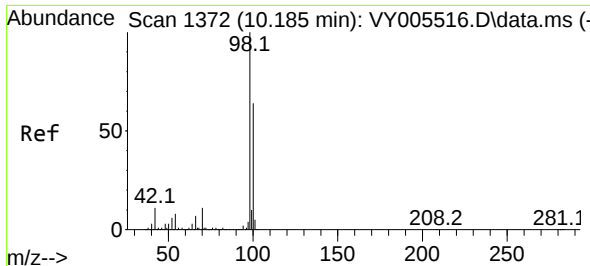
Delta R.T. -0.110 min

Lab File: VY005834.D

Acq: 25 Aug 2021 12:56

Tgt Ion:	117	Resp:	17689
Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.4	113.0#
121	0.0	25.1	37.7#

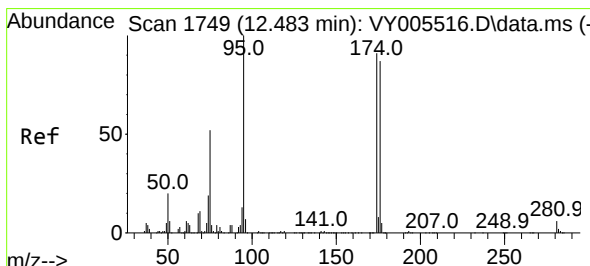
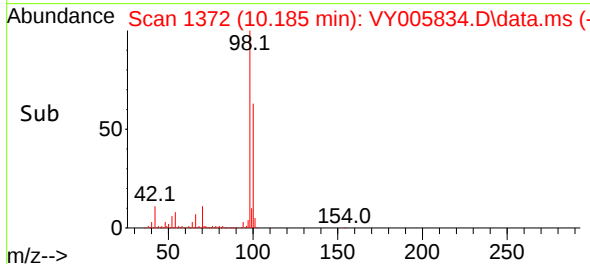
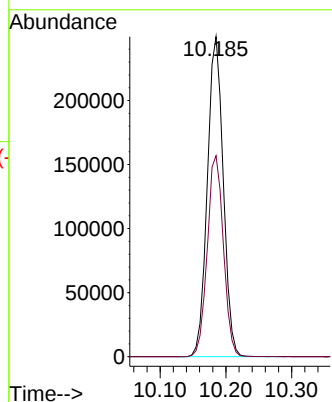
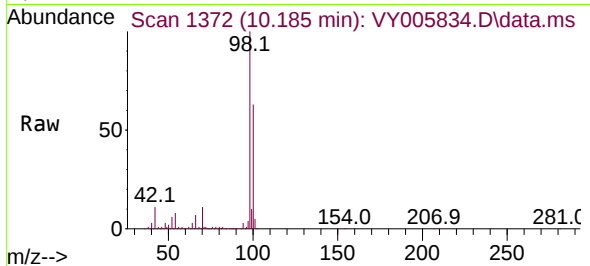




#50
Toluene-d8
Concen: 54.848 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

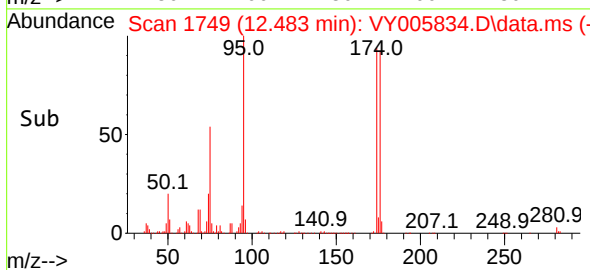
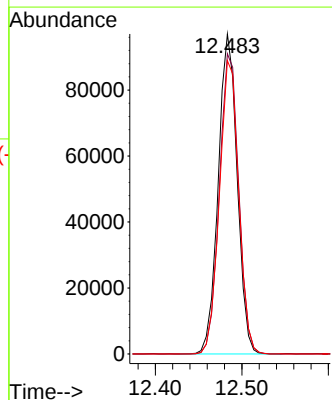
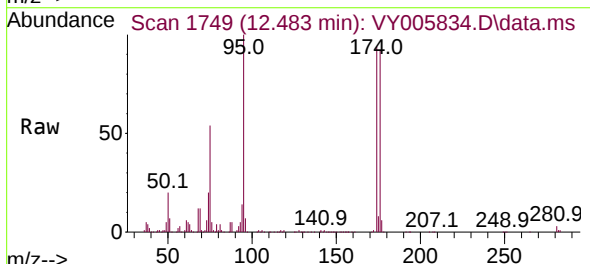
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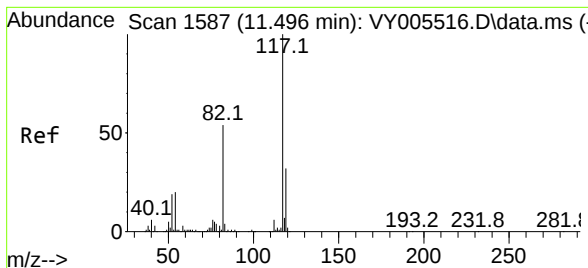
Tgt Ion: 98 Resp: 419565
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.097 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

Tgt Ion: 95 Resp: 147168
Ion Ratio Lower Upper
95 100
174 95.7 0.0 191.4
176 93.2 0.0 183.6

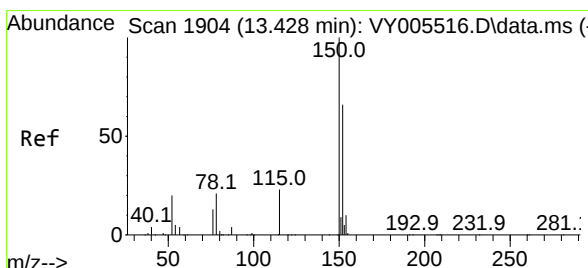
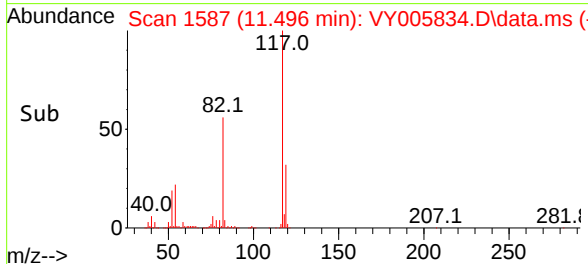
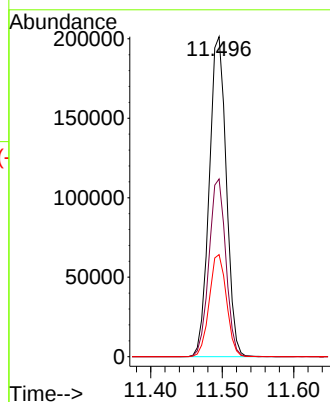
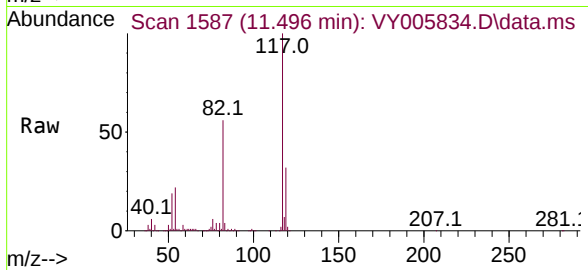




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

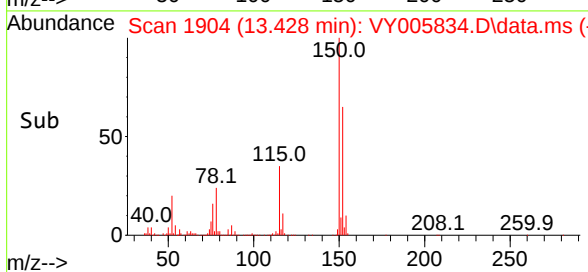
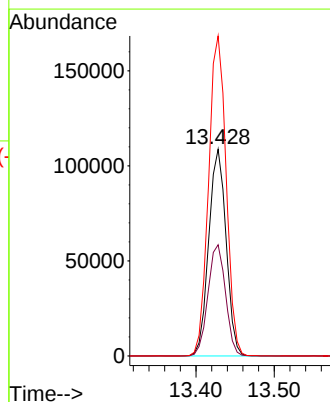
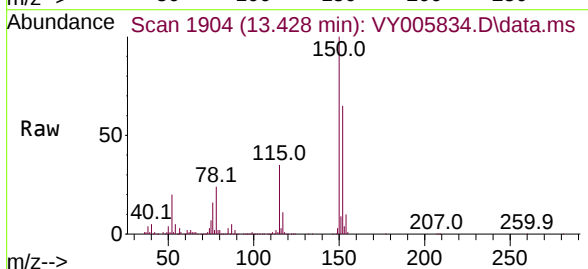
Instrument :
MSVOA_Y
ClientSampleId :
124027

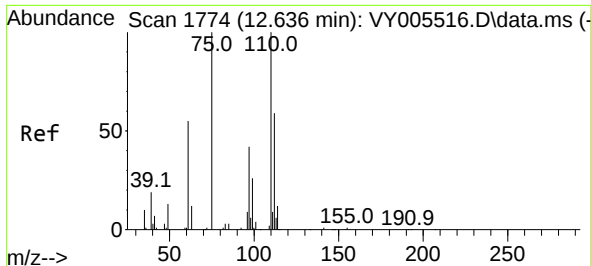
Tgt Ion:117 Resp: 333673
Ion Ratio Lower Upper
117 100
82 55.6 43.5 65.3
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

Tgt Ion:152 Resp: 167254
Ion Ratio Lower Upper
152 100
115 54.3 27.3 81.9
150 156.5 0.0 350.2

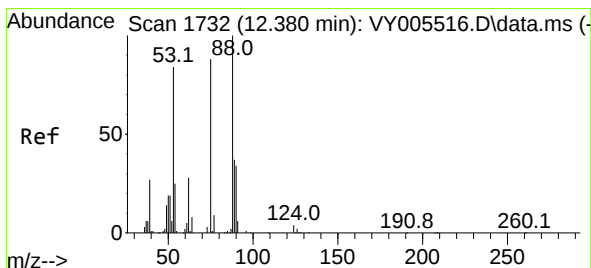
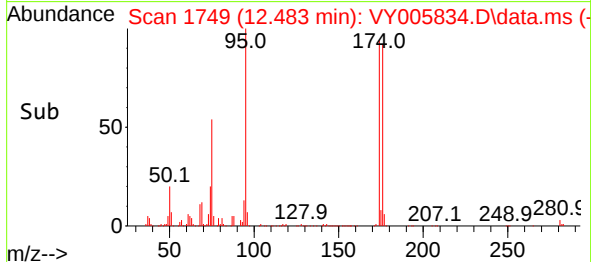
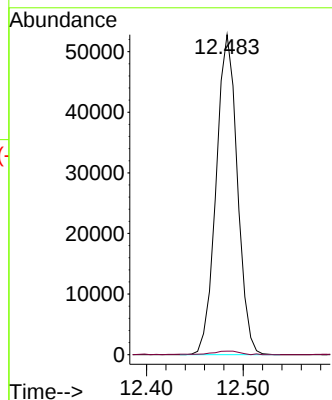
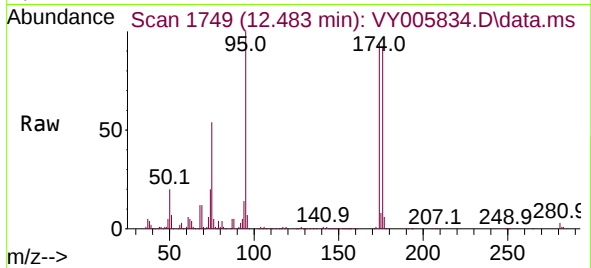




#76
1,2,3-Trichloropropane
Concen: 46.364 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

Instrument :
MSVOA_Y
ClientSampleId :
124027

Tgt Ion: 75 Resp: 80360
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.464 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005834.D
Acq: 25 Aug 2021 12:56

Tgt Ion: 75 Resp: 80360
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.1 38.4 57.6#

