

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005314.D
 Acq On : 01 Jul 2021 15:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 02 05:16:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

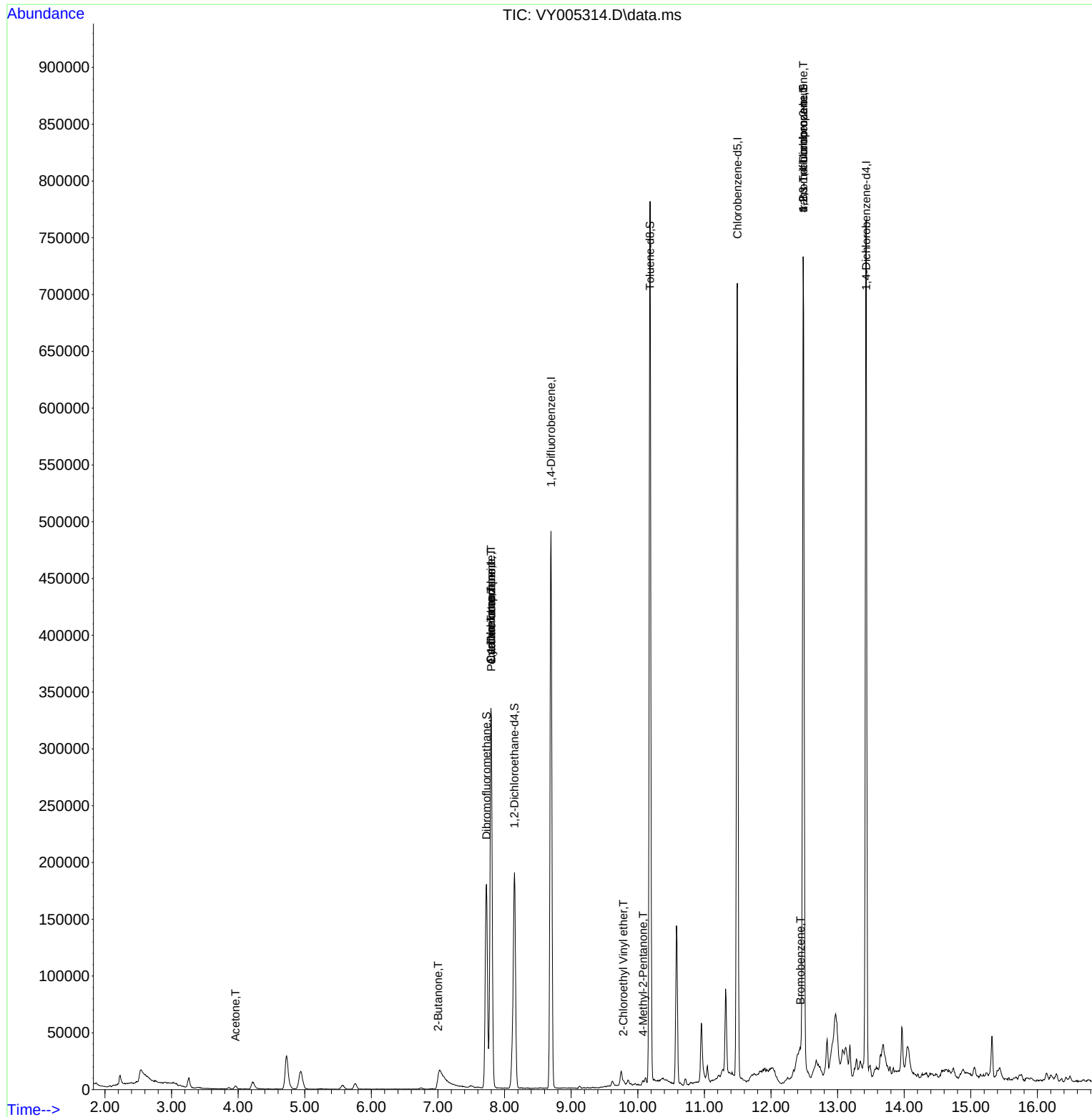
Internal Standards						
1) Pentafluorobenzene	7.801	168	288763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	428737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	402292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	205158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	138833	57.936	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.880%			
35) Dibromofluoromethane	7.728	113	127837	50.559	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.120%			
50) Toluene-d8	10.185	98	515524	50.983	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.960%			
62) 4-Bromofluorobenzene	12.483	95	177656	52.725	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.440%			
Target Compounds						
11) Tert butyl alcohol	4.942	59	16965	Below Cal	#	77
16) Acetone	3.960	43	4891	8.835	ug/l	99
20) Methylene Chloride	4.729	84	23085	Below Cal		99
25) 2-Butanone	7.003	43	1458	1.806	ug/l	# 81
31) Cyclohexane	7.795	56	4843	1.132	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	20077	5.318	ug/l	# 47
38) Carbon Tetrachloride	7.795	117	24409	6.176	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.081	43	2548	1.360	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.783	63	1504	1.110	ug/l	93
76) 1,2,3-Trichloropropane	12.483	75	88579	48.683	ug/l	# 100
77) Bromobenzene	12.441	156	30005	8.498	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.483	75	88579	90.831	ug/l	# 18

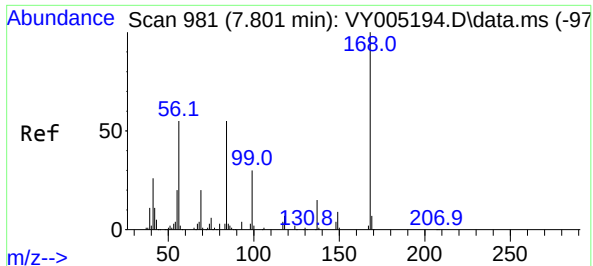
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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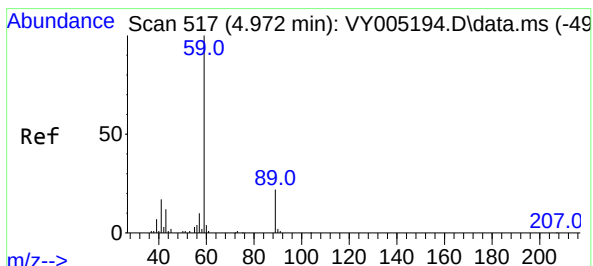
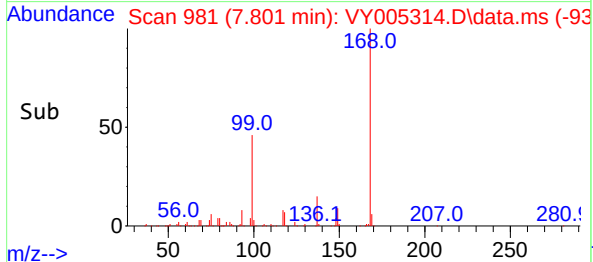
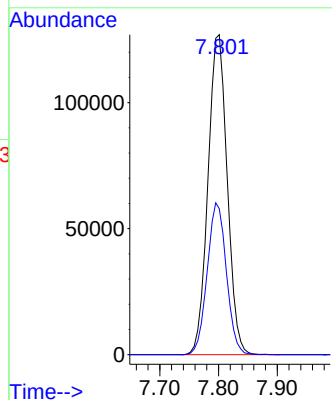
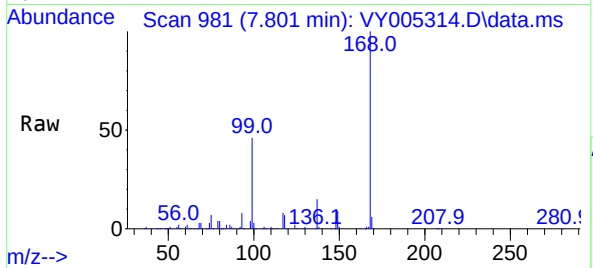




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

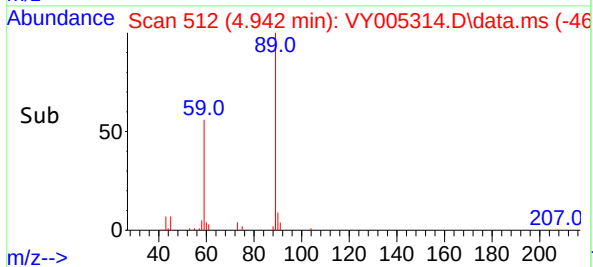
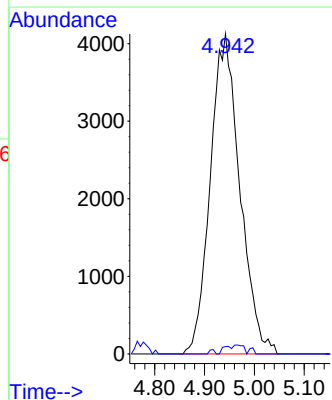
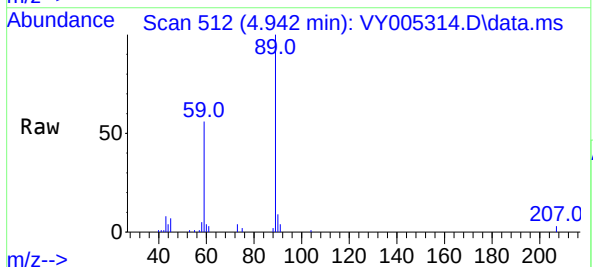
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

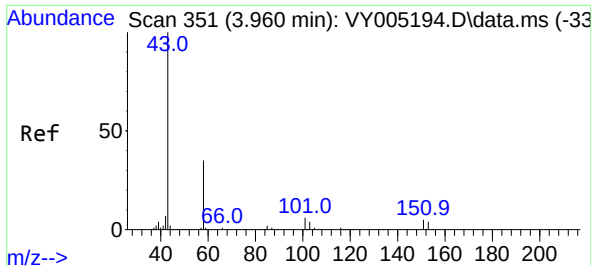
Tgt Ion:168 Resp: 288763
Ion Ratio Lower Upper
168 100
99 45.6 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

Tgt Ion: 59 Resp: 16965
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

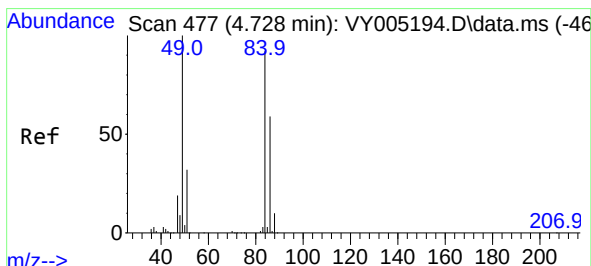
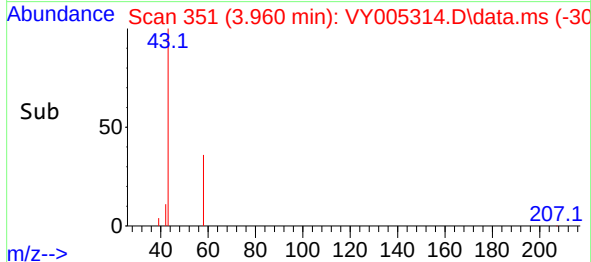
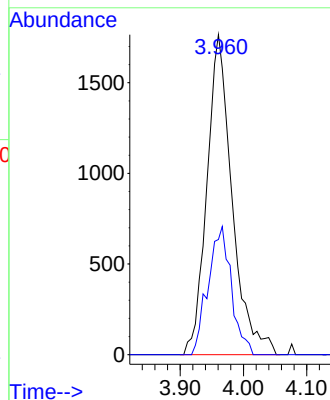
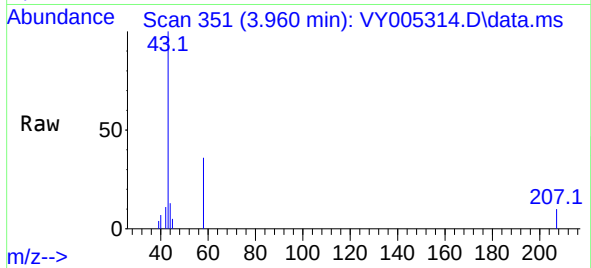




#16
Acetone
Concen: 8.835 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

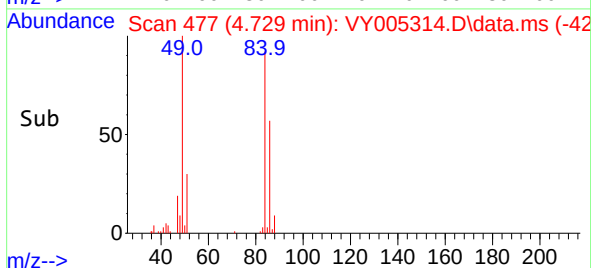
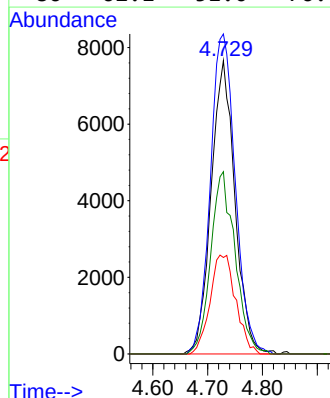
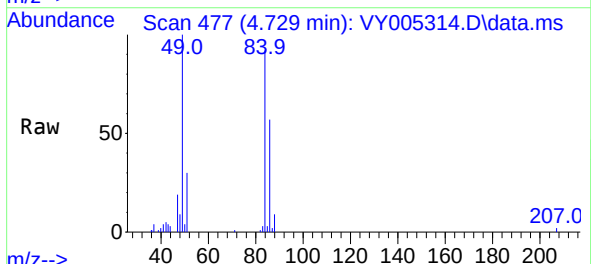
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

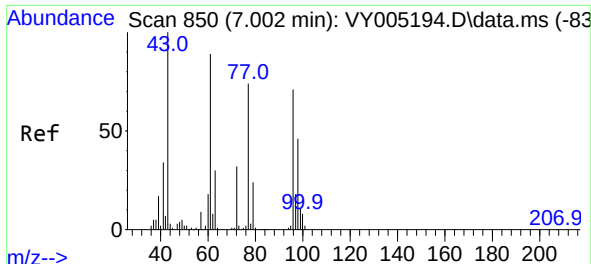
Tgt Ion: 43 Resp: 4891
Ion Ratio Lower Upper
43 100
58 36.0 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

Tgt Ion: 84 Resp: 23085
Ion Ratio Lower Upper
84 100
49 109.1 86.9 130.3
51 32.9 27.4 41.2
86 62.1 51.0 76.6

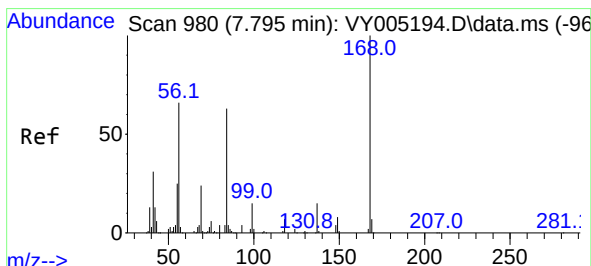
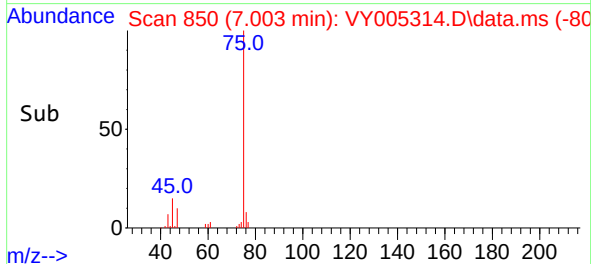
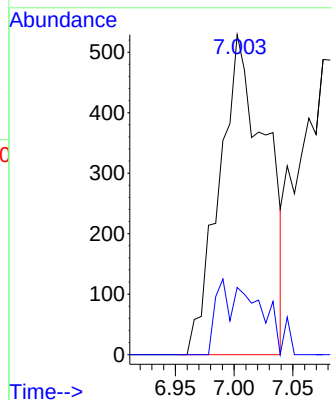
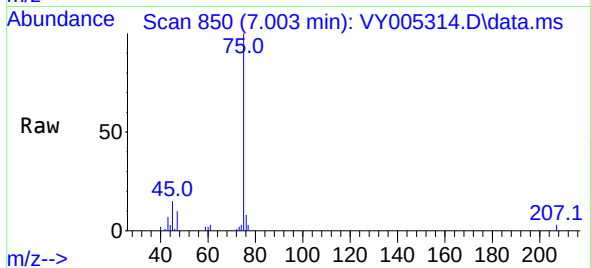




#25
2-Butanone
Concen: 1.806 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

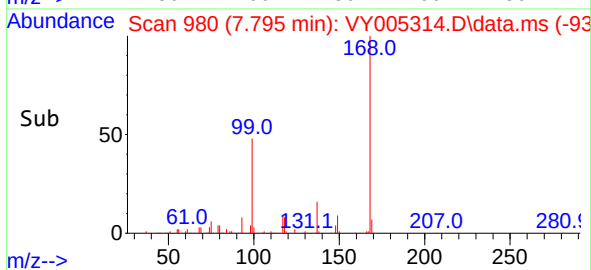
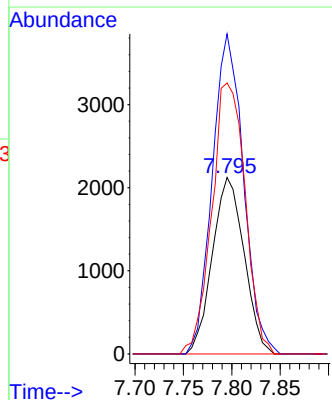
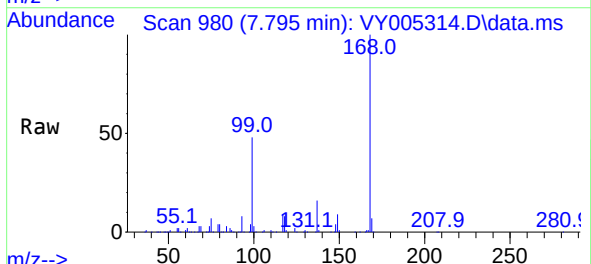
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

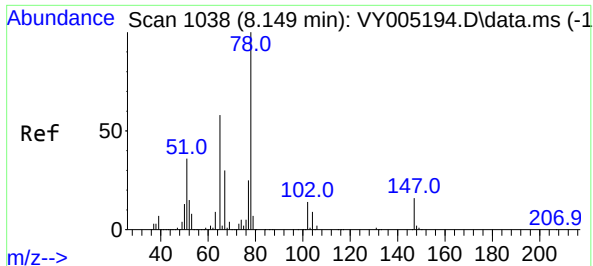
Tgt Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
72 21.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.132 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

Tgt Ion: 56 Resp: 4843
Ion Ratio Lower Upper
56 100
69 181.3 29.6 44.4#
84 153.5 76.4 114.6#

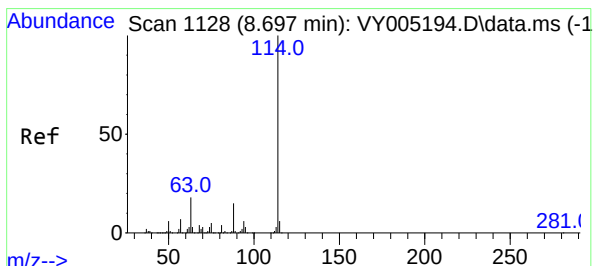
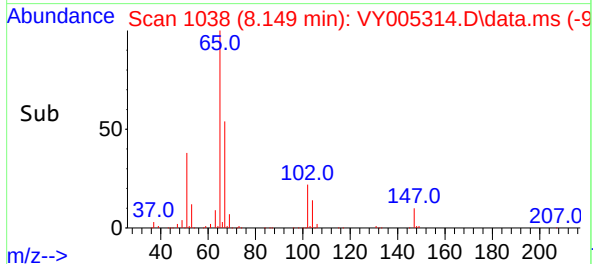
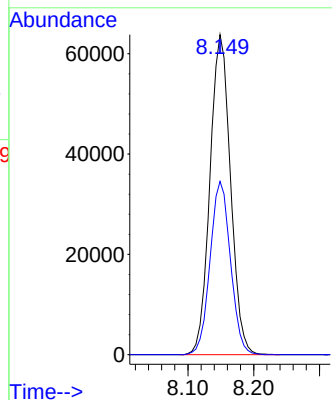
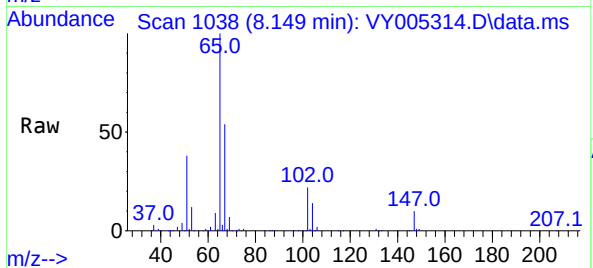




#33
1,2-Dichloroethane-d4
Concen: 57.936 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

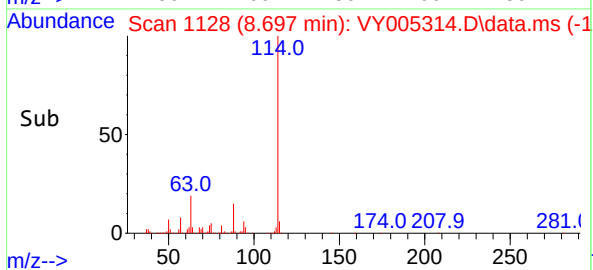
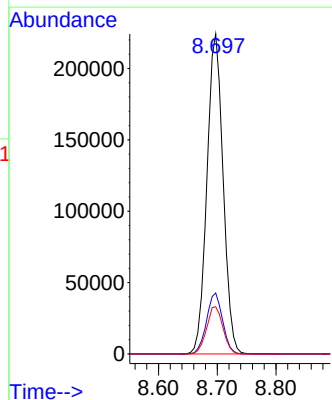
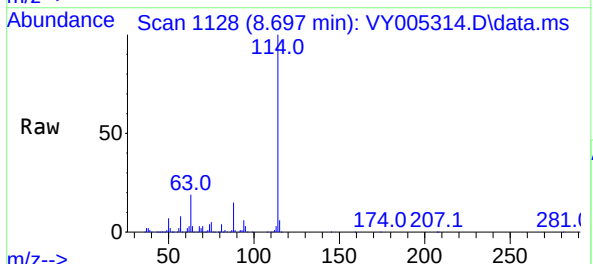
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

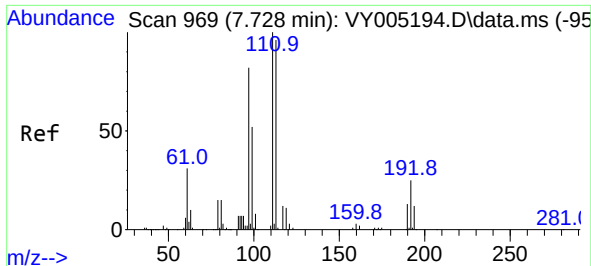
Tgt Ion: 65 Resp: 138833
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

Tgt Ion:114 Resp: 428737
Ion Ratio Lower Upper
114 100
63 19.1 0.0 35.2
88 14.8 0.0 29.4

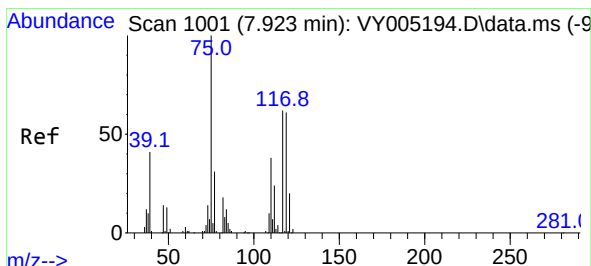
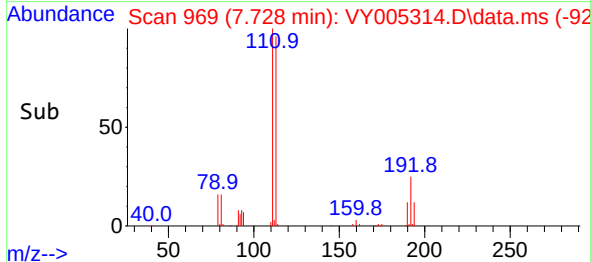
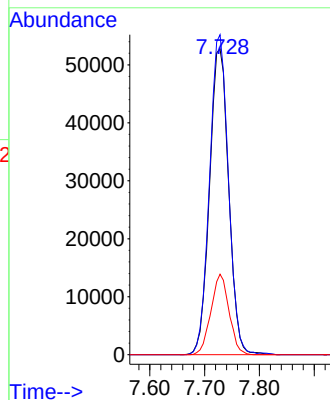
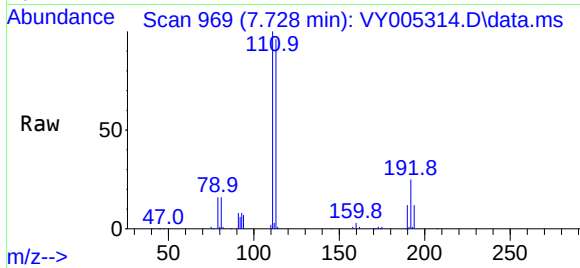




#35
Dibromofluoromethane
Concen: 50.559 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

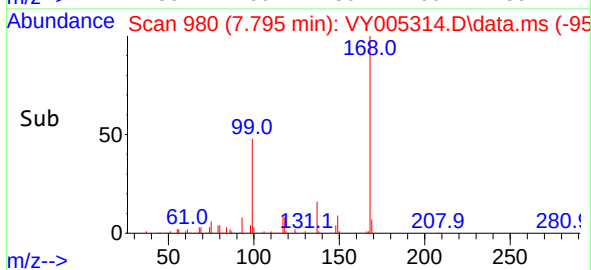
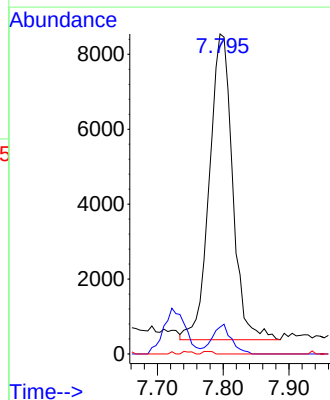
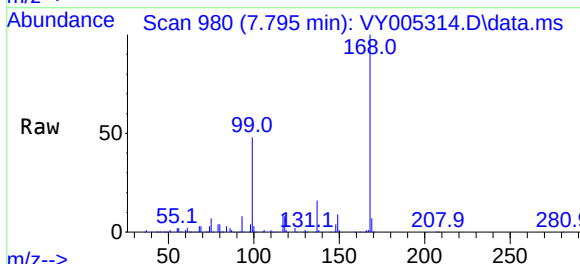
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

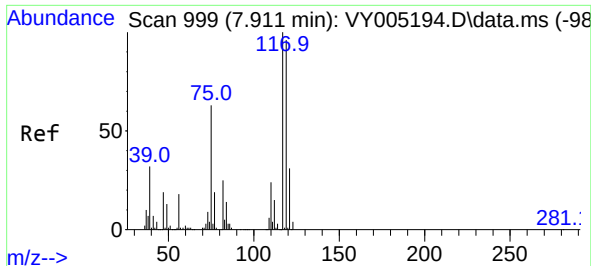
Tgt Ion:113 Resp: 127837
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 24.9 20.2 30.2



#36
1,1-Dichloropropene
Concen: 5.318 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

Tgt Ion: 75 Resp: 20077
Ion Ratio Lower Upper
75 100
110 8.0 19.1 57.5#
77 0.0 25.2 37.8#

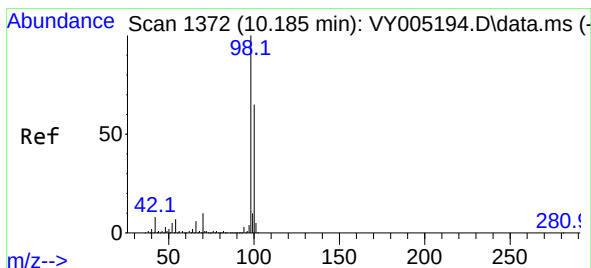
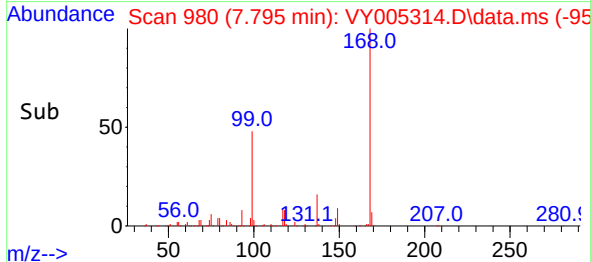
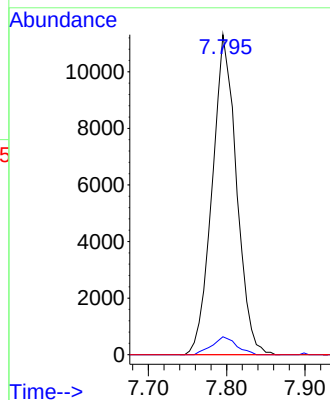
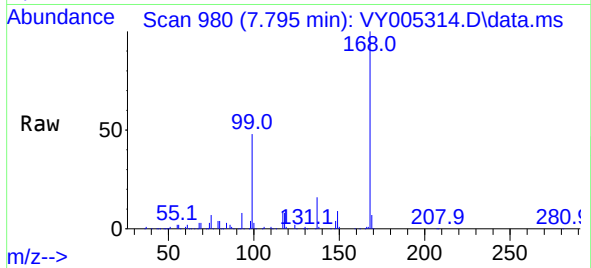




#38
Carbon Tetrachloride
Concen: 6.176 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

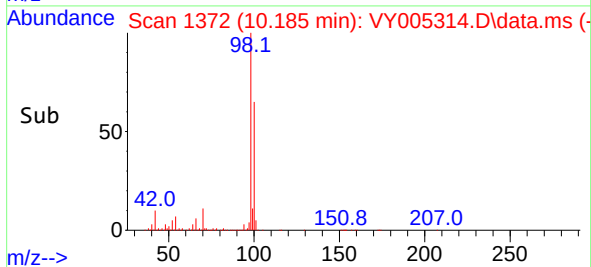
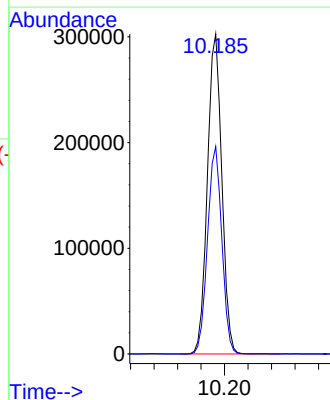
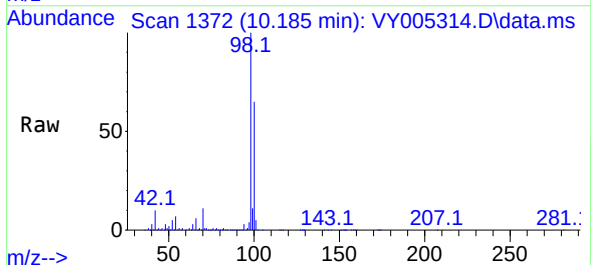
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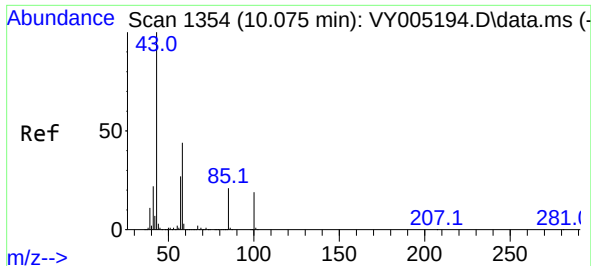
Tgt Ion:117 Resp: 24409
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.983 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

Tgt Ion: 98 Resp: 515524
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

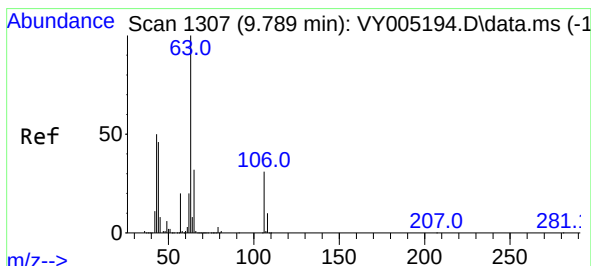
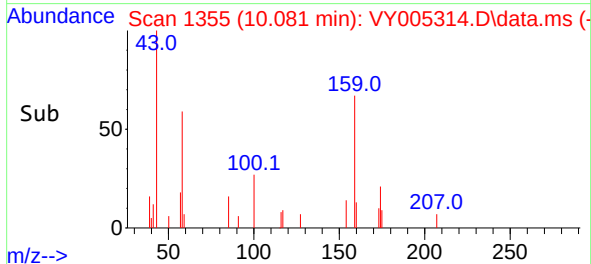
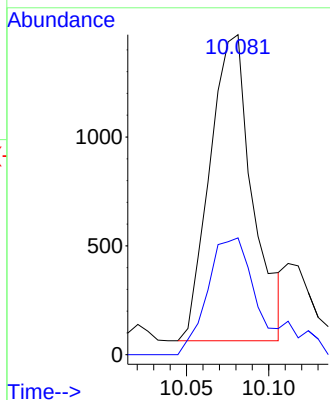
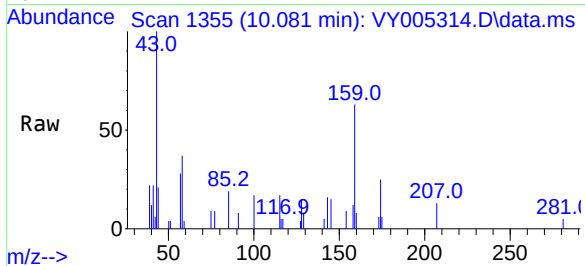




#51
4-Methyl-2-Pentanone
Concen: 1.360 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

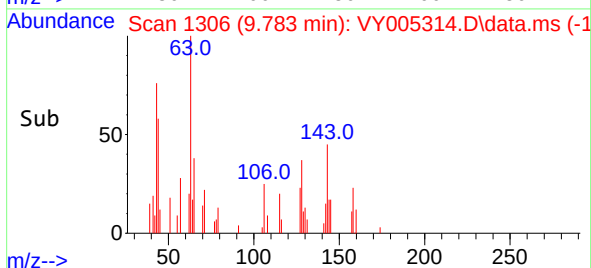
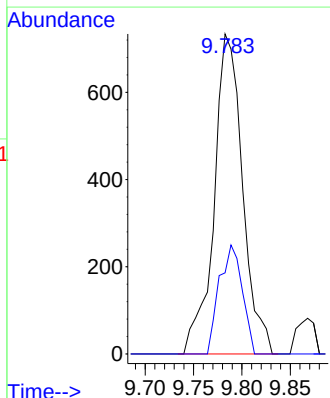
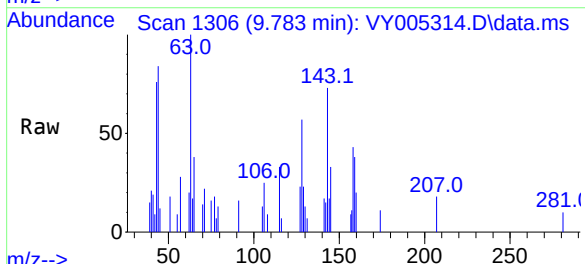
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

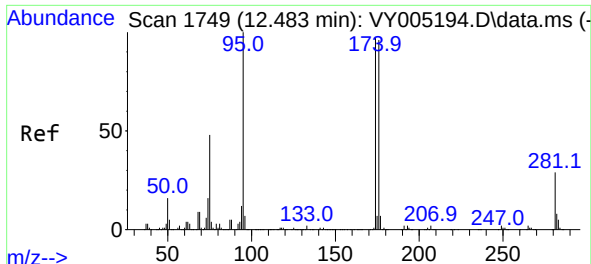
Tgt Ion: 43 Resp: 2548
Ion Ratio Lower Upper
43 100
58 48.1 35.3 52.9



#58
2-Chloroethyl Vinyl ether
Concen: 1.110 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

Tgt Ion: 63 Resp: 1504
Ion Ratio Lower Upper
63 100
106 27.3 24.7 37.1

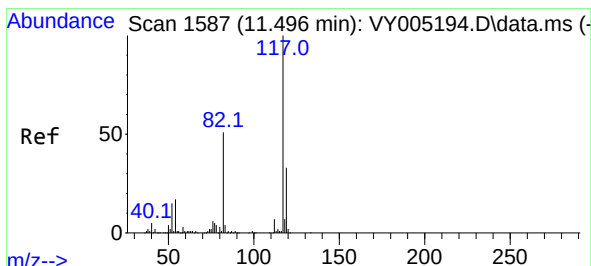
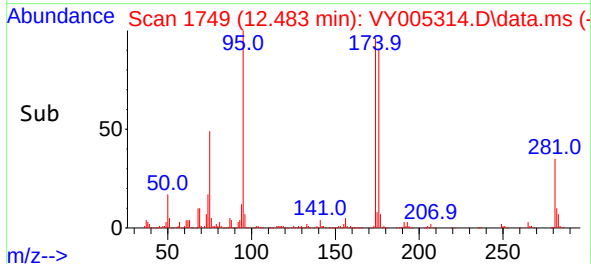
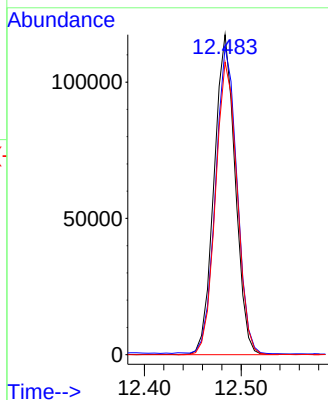
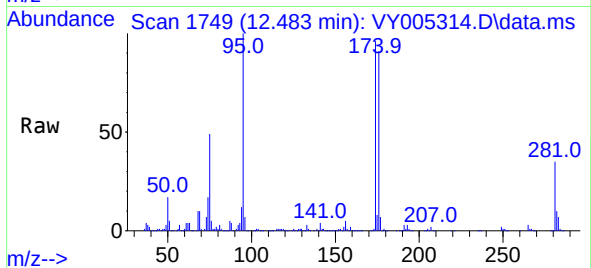




#62
4-Bromofluorobenzene
Concen: 52.725 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

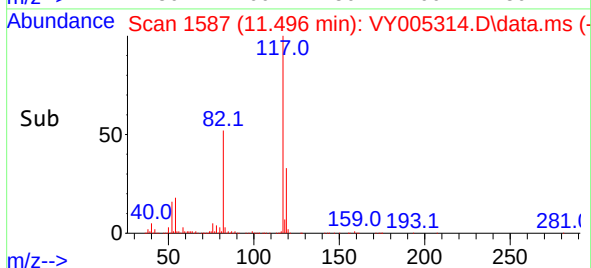
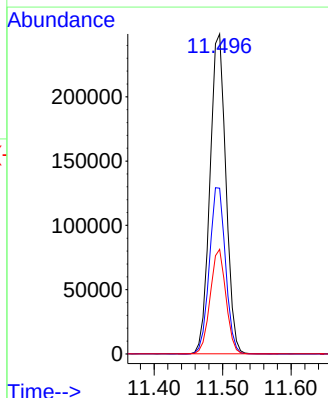
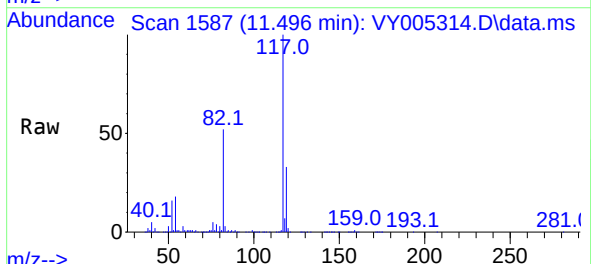
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

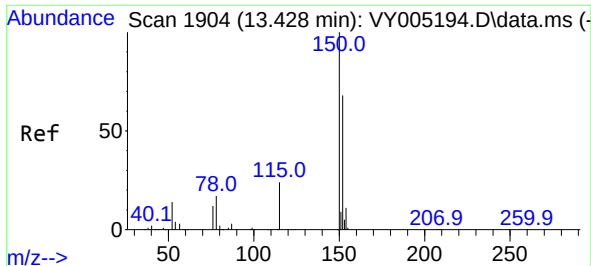
Tgt Ion: 95 Resp: 177656
Ion Ratio Lower Upper
95 100
174 97.7 0.0 201.6
176 93.6 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

Tgt Ion: 117 Resp: 402292
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 32.7 26.1 39.1

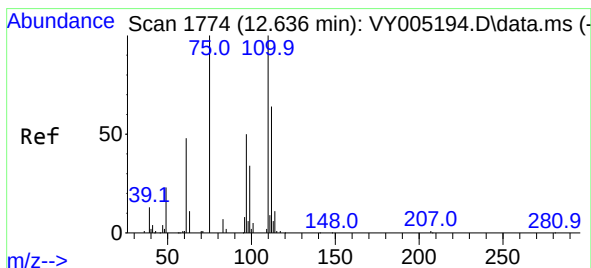
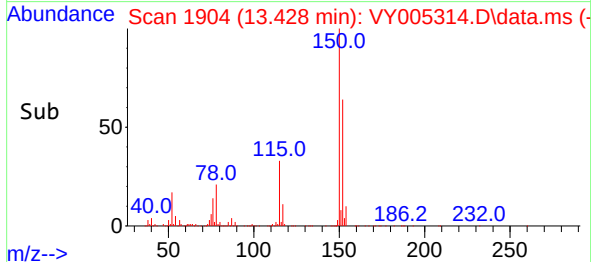
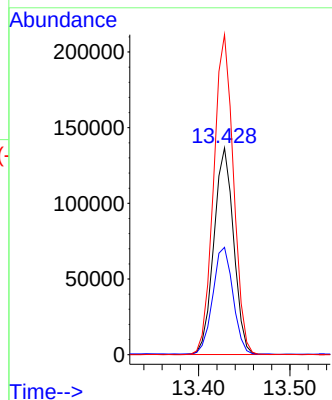
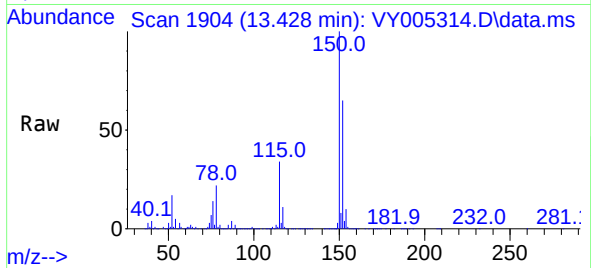




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

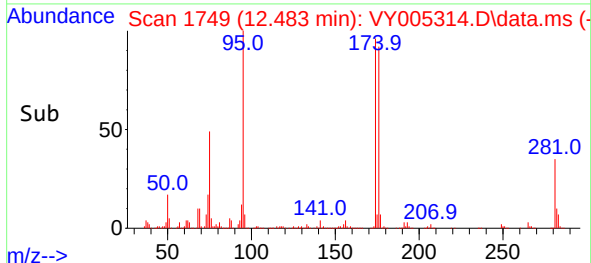
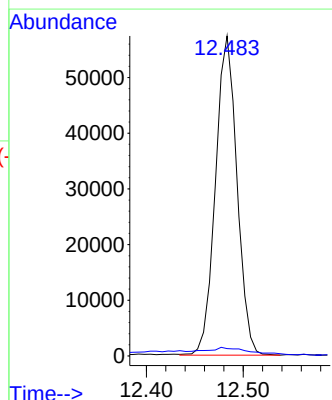
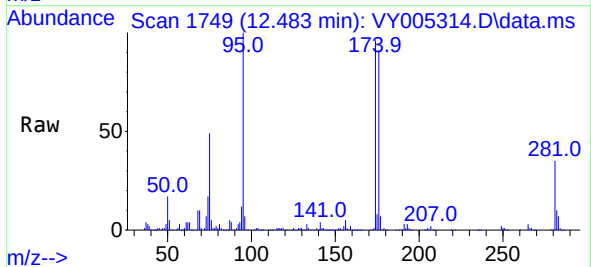
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

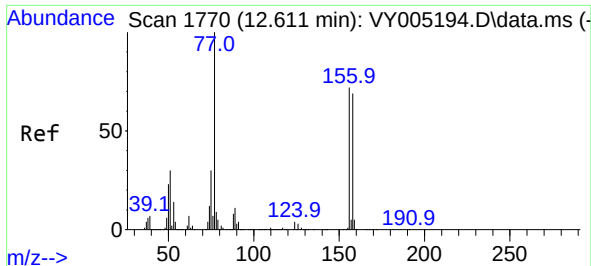
Tgt Ion:152 Resp: 205158
Ion Ratio Lower Upper
152 100
115 53.2 26.3 78.8
150 155.4 0.0 344.2



#76
1,2,3-Trichloropropane
Concen: 48.683 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

Tgt Ion: 75 Resp: 88579
Ion Ratio Lower Upper
75 100
77 4.9 0.0 0.0#

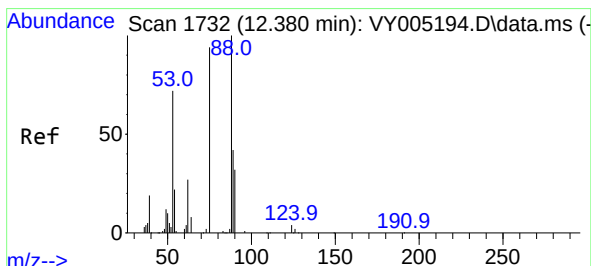
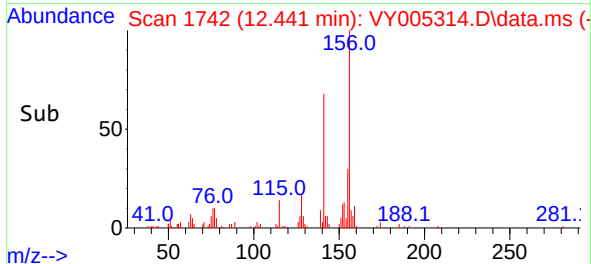
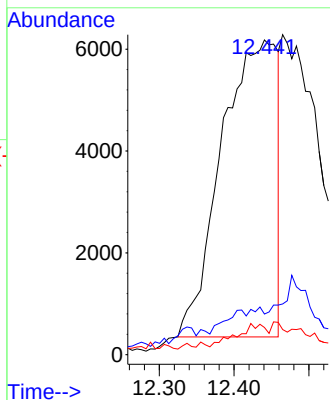
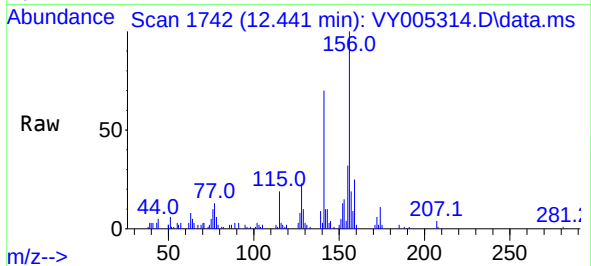




#77
Bromobenzene
Concen: 8.498 ug/l
RT: 12.441 min Scan# 1742
Delta R.T. -0.171 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

Tgt Ion	Ratio	Lower	Upper
156	100		
77	0.0	78.5	235.7#
158	0.7	48.2	144.6#

Instrument :
MSVOA_Y
ClientSampled :
VIBLK



#81
trans-1,4-Dichloro-2-butene
Concen: 90.831 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005314.D
Acq: 01 Jul 2021 15:14

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	1.1	38.0	57.0#

