

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063021\
 Data File : VY005300.D
 Acq On : 30 Jun 2021 16:05
 Operator : SY/MD
 Sample : M2856-15
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-9.5-10.0

Quant Time: Jul 01 06:38:55 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)

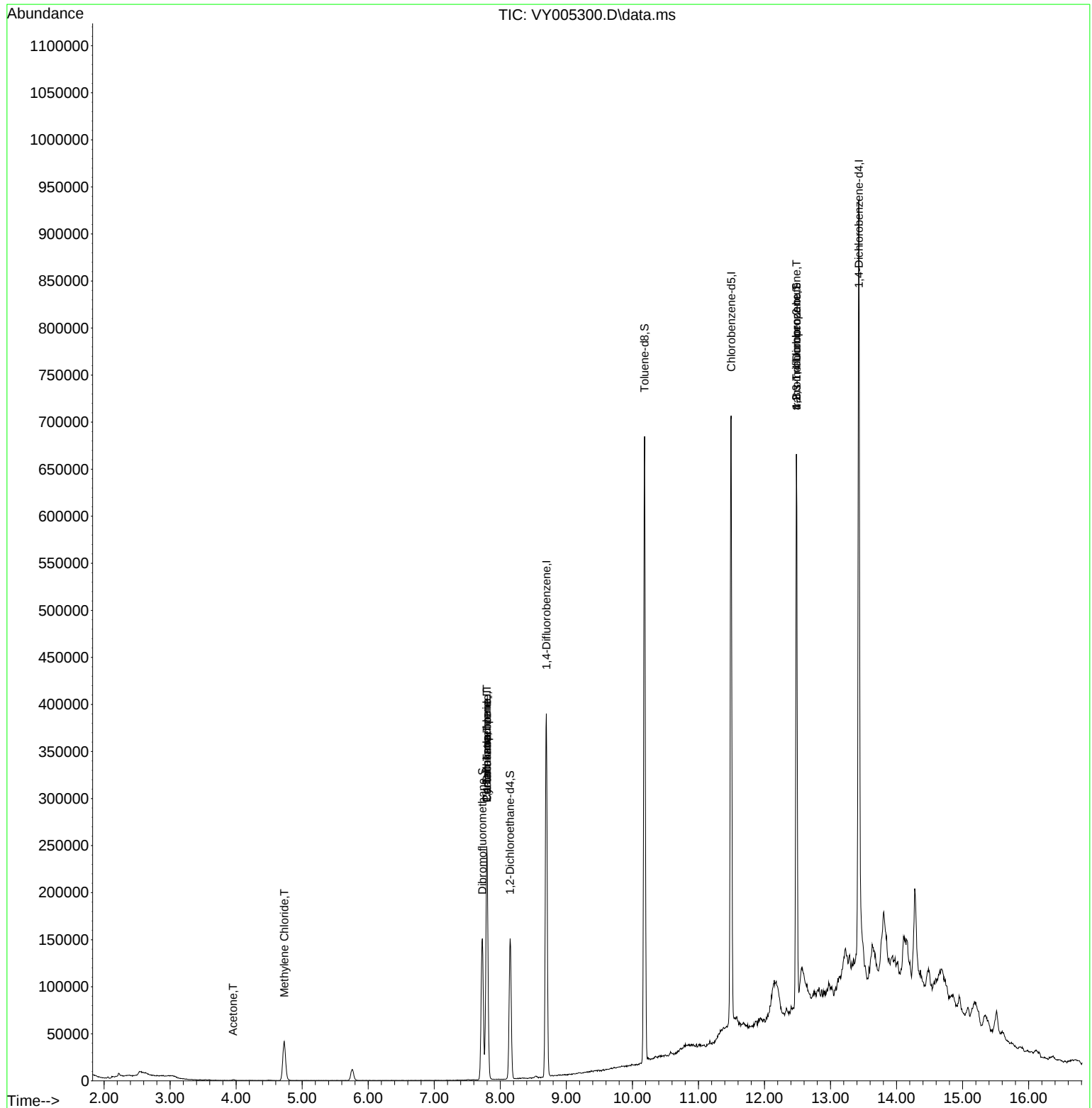
Internal Standards						
1) Pentafluorobenzene	7.795	168	210441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	342691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	365009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	203679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	117887	67.505	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.000%	
35) Dibromofluoromethane	7.728	113	106264	52.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.160%	
50) Toluene-d8	10.185	98	440327	54.480	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.960%	
62) 4-Bromofluorobenzene	12.483	95	172878	64.189	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 128.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	25	Below Cal	#	77
16) Acetone	3.954	43	1559	3.864	ug/l	88
20) Methylene Chloride	4.729	84	31635	7.321	ug/l	92
31) Cyclohexane	7.795	56	3594	1.153	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	13552	4.491	ug/l	# 48
38) Carbon Tetrachloride	7.795	117	18173	5.753	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	84832	46.962	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	84832	87.620	ug/l	# 17

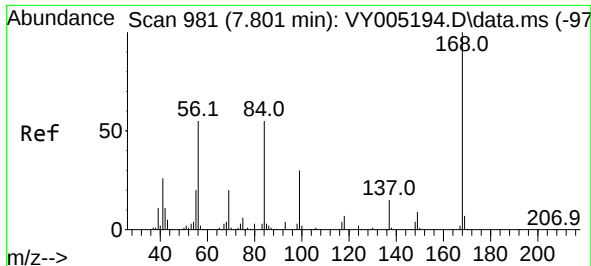
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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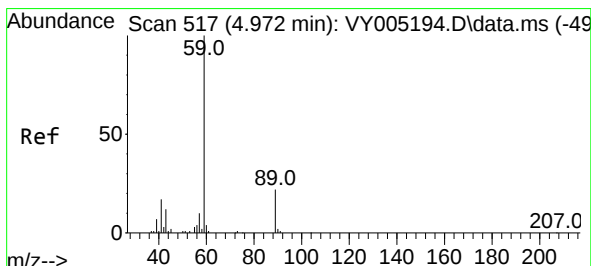
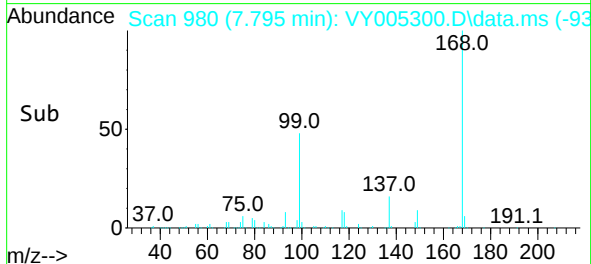
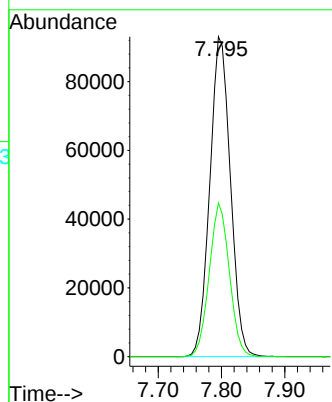
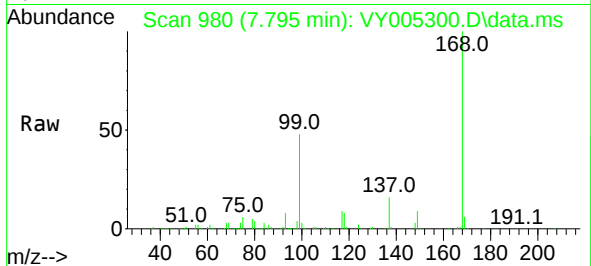




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005300.D
Acq: 30 Jun 2021 16:05

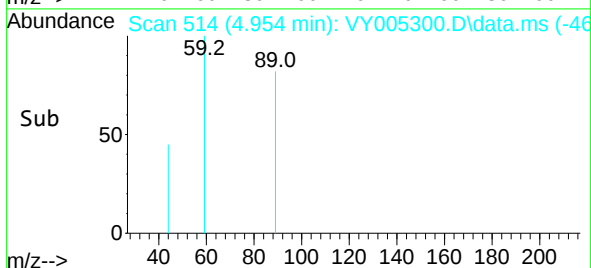
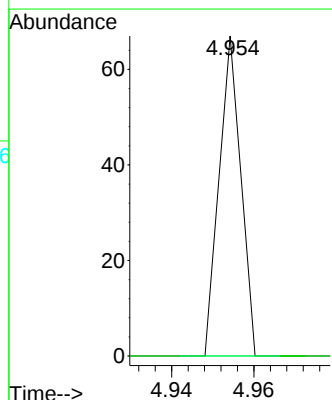
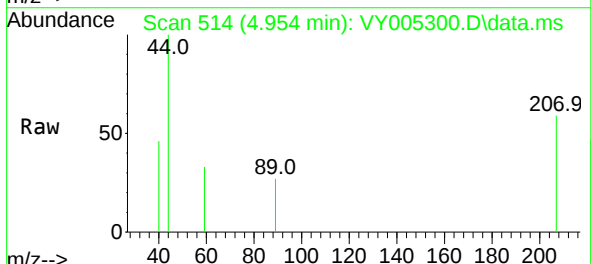
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.5-10.0

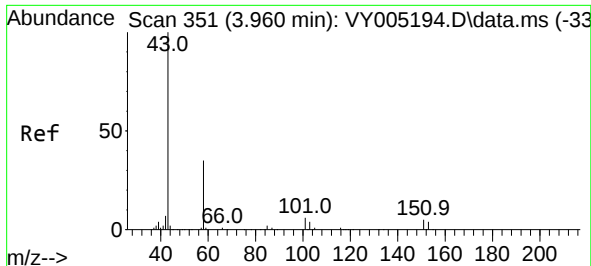
Tgt Ion:168 Resp: 210441
Ion Ratio Lower Upper
168 100
99 48.1 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY005300.D
Acq: 30 Jun 2021 16:05

Tgt Ion: 59 Resp: 25
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

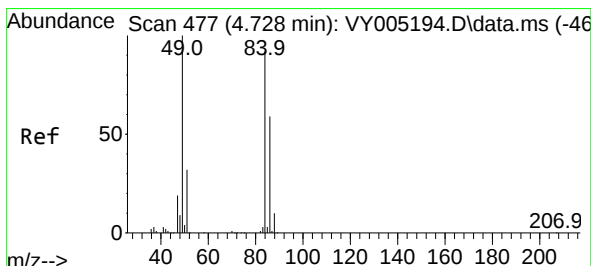
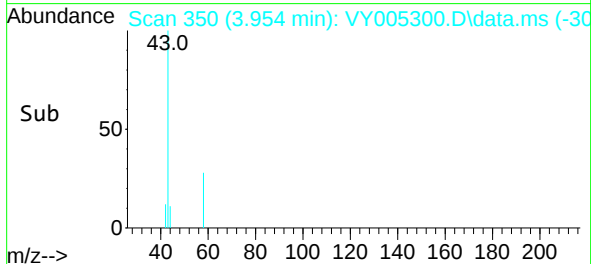
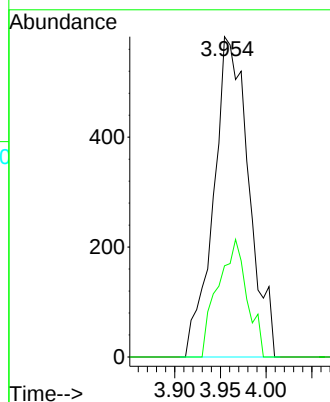
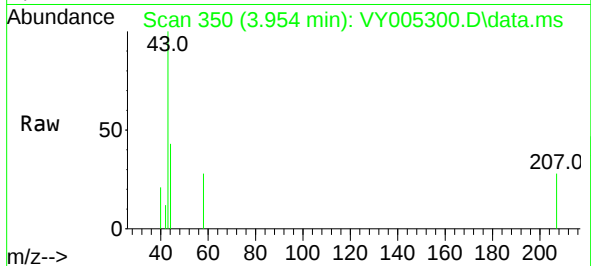




#16
Acetone
Concen: 3.864 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005300.D
Acq: 30 Jun 2021 16:05

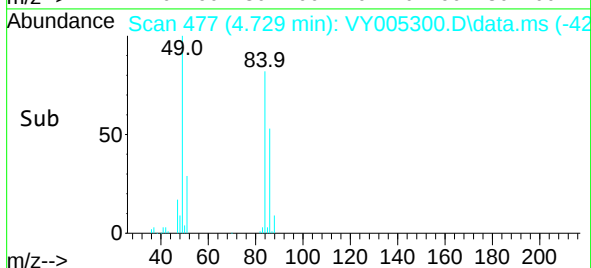
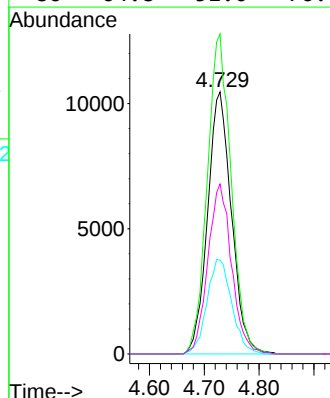
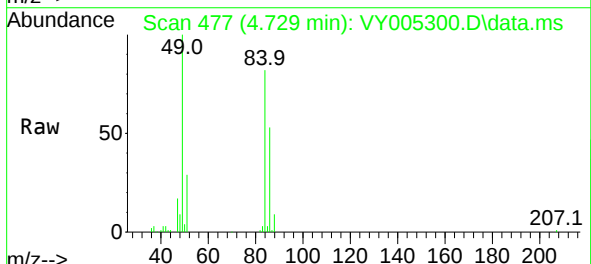
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.5-10.0

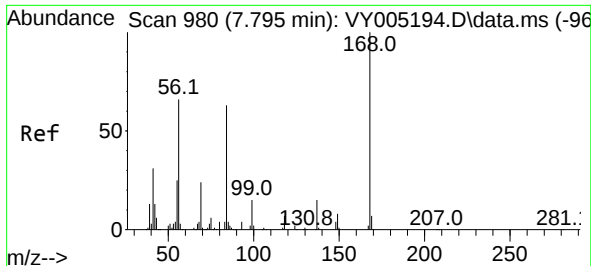
Tgt Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
58 28.5 28.2 42.2



#20
Methylene Chloride
Concen: 7.321 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY005300.D
Acq: 30 Jun 2021 16:05

Tgt Ion: 84 Resp: 31635
Ion Ratio Lower Upper
84 100
49 122.1 86.9 130.3
51 35.8 27.4 41.2
86 64.8 51.0 76.6

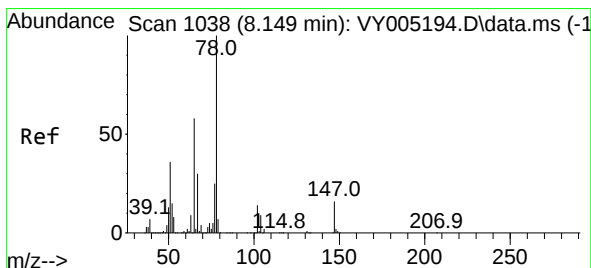
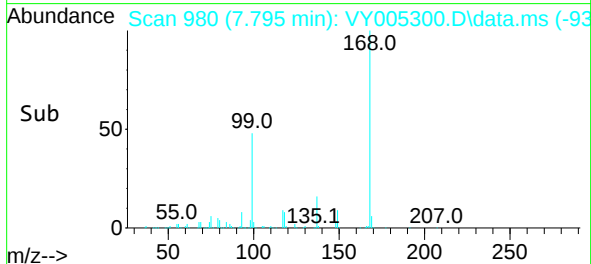
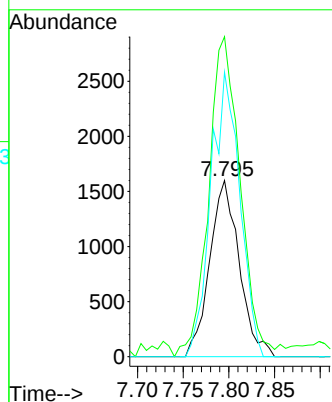
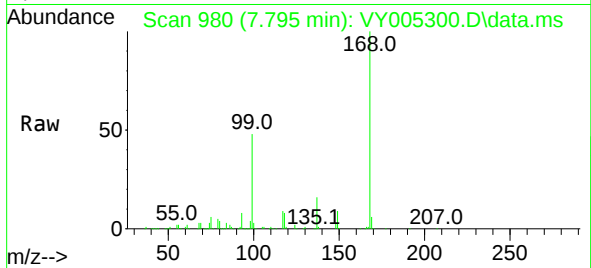




#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005300.D
Acq: 30 Jun 2021 16:05

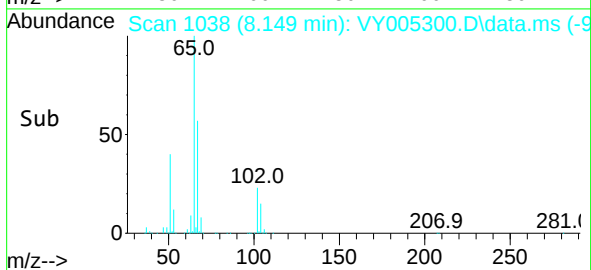
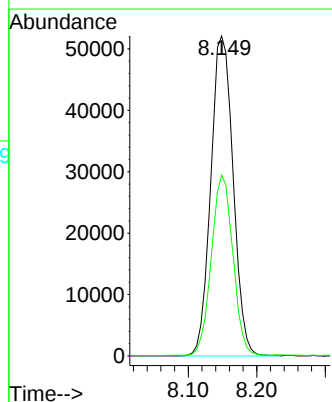
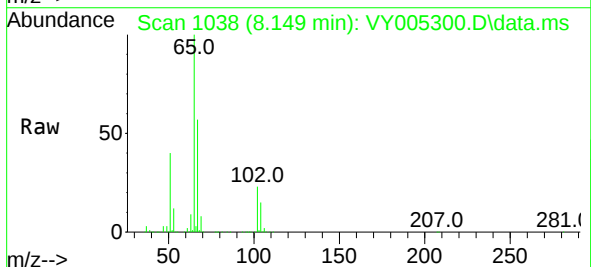
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.5-10.0

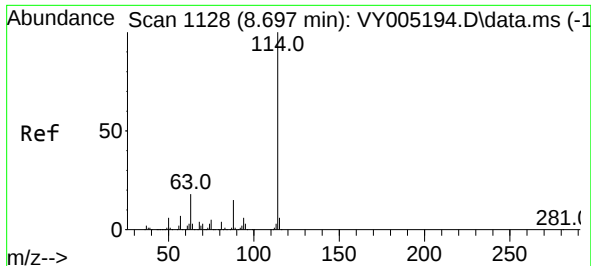
Tgt Ion: 56 Resp: 3594
Ion Ratio Lower Upper
56 100
69 175.9 29.6 44.4#
84 161.5 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 67.505 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005300.D
Acq: 30 Jun 2021 16:05

Tgt Ion: 65 Resp: 117887
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.6

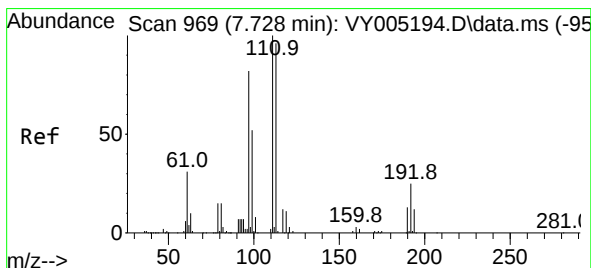
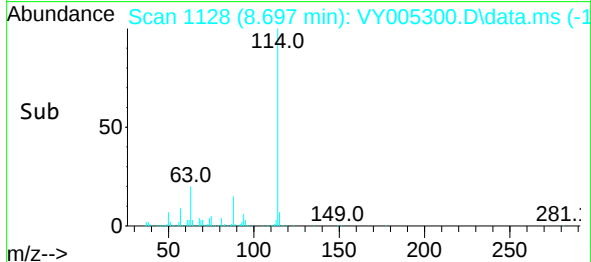
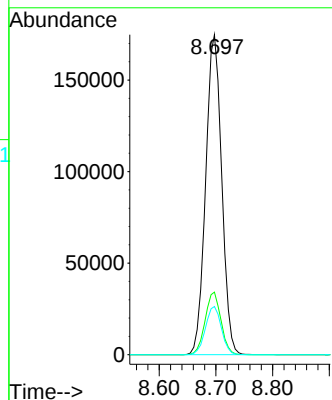
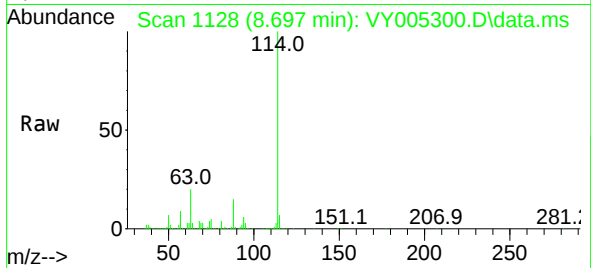




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005300.D
Acq: 30 Jun 2021 16:05

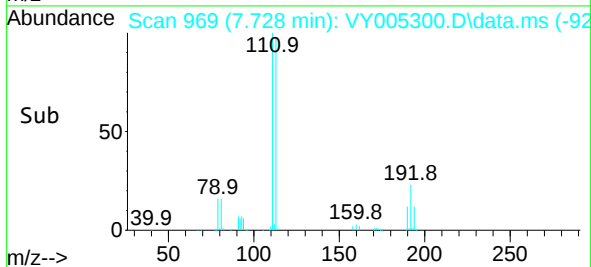
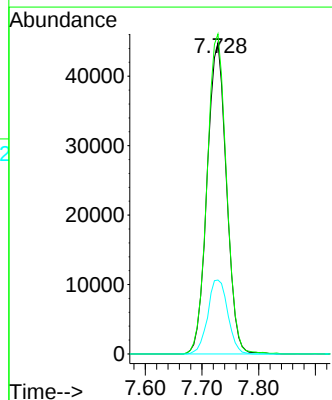
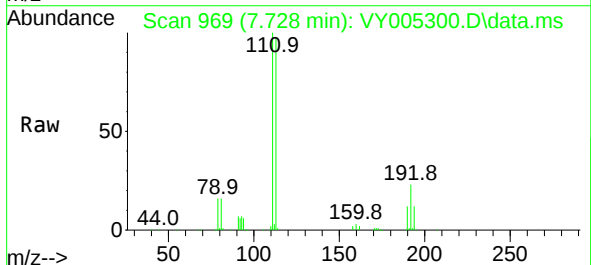
Instrument :
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ClientSampleId :
SB-08-9.5-10.0

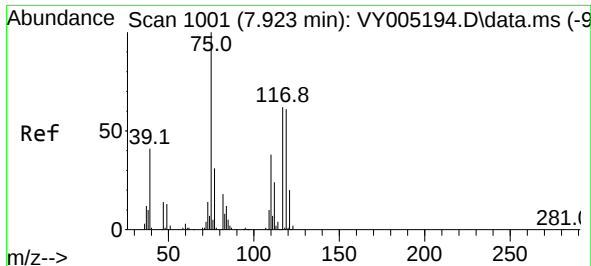
Tgt Ion:114 Resp: 342691
Ion Ratio Lower Upper
114 100
63 19.6 0.0 35.2
88 15.0 0.0 29.4



#35
Dibromofluoromethane
Concen: 52.579 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005300.D
Acq: 30 Jun 2021 16:05

Tgt Ion:113 Resp: 106264
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 24.6 20.2 30.2

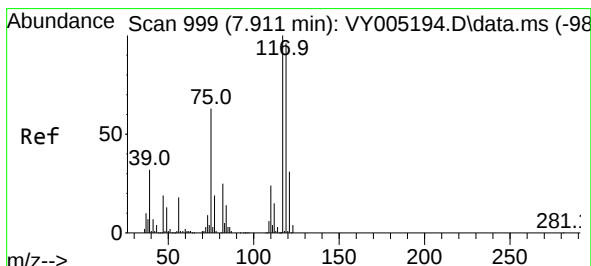
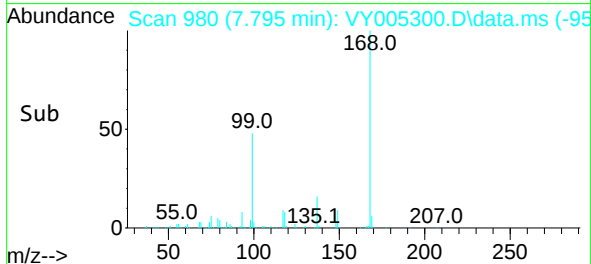
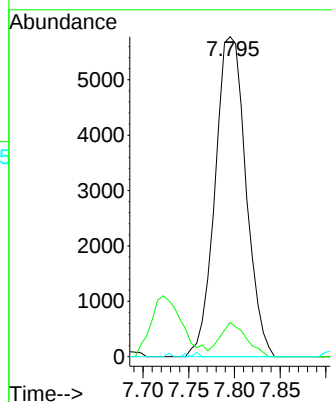
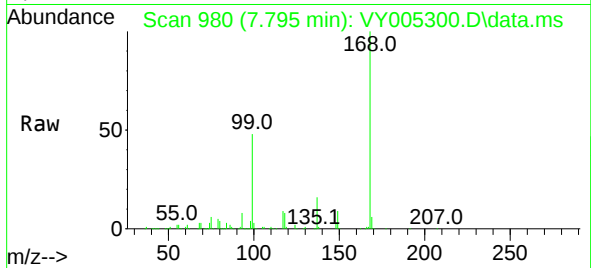




#36
1,1-Dichloropropene
Concen: 4.491 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005300.D
Acq: 30 Jun 2021 16:05

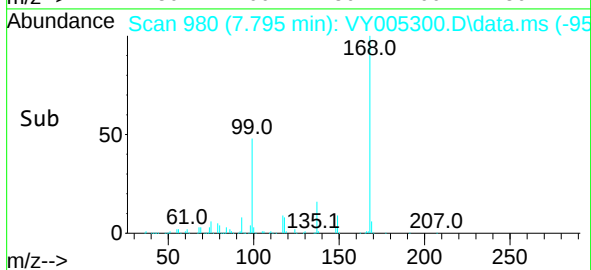
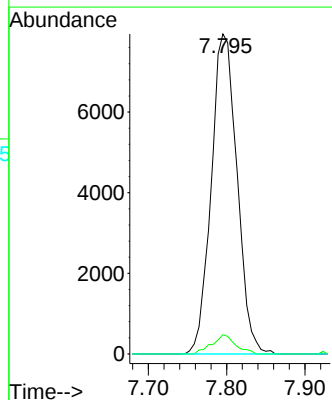
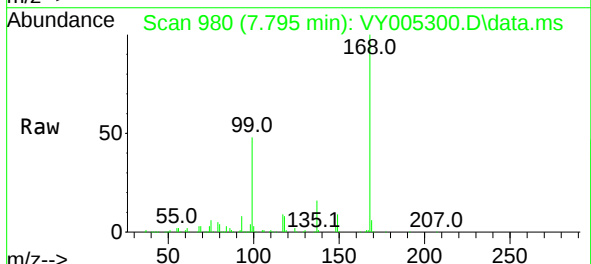
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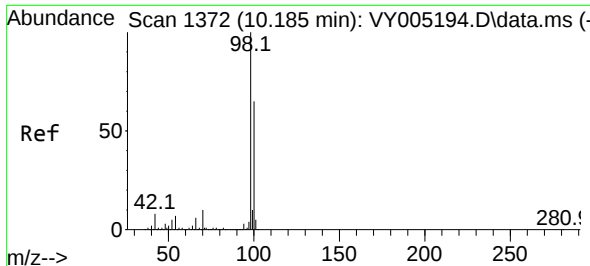
Tgt Ion: 75 Resp: 13552
Ion Ratio Lower Upper
75 100
110 9.1 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.753 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005300.D
Acq: 30 Jun 2021 16:05

Tgt Ion: 117 Resp: 18173
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.4#
121 0.0 24.7 37.1#

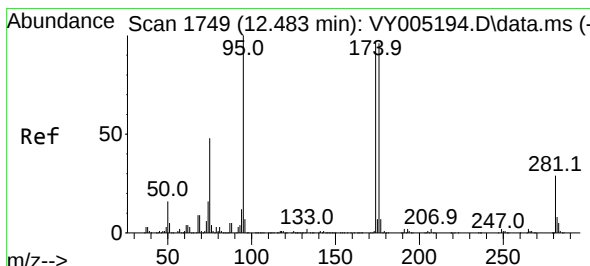
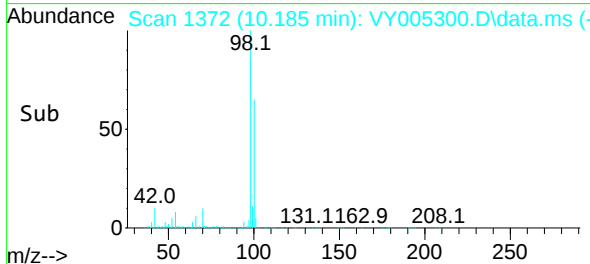
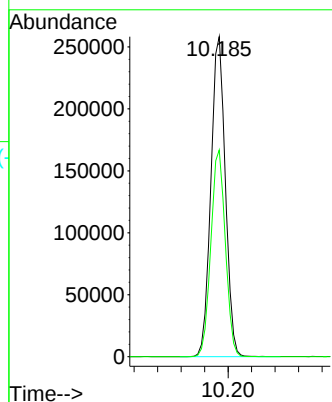
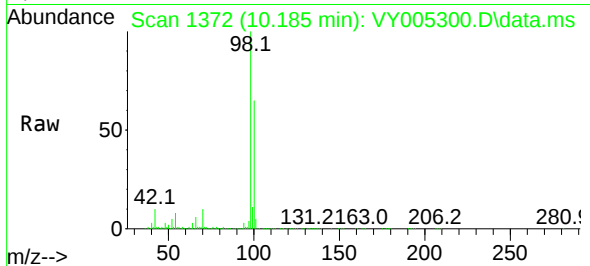




#50
Toluene-d8
Concen: 54.480 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005300.D
Acq: 30 Jun 2021 16:05

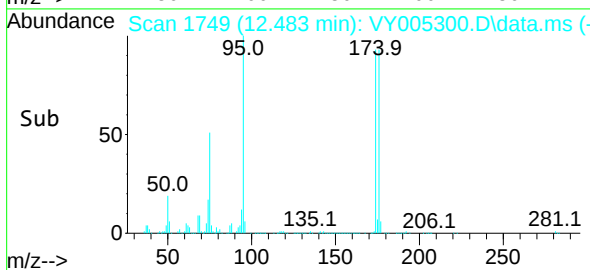
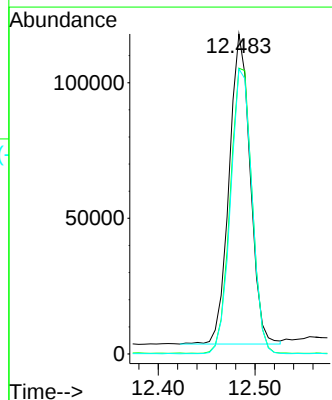
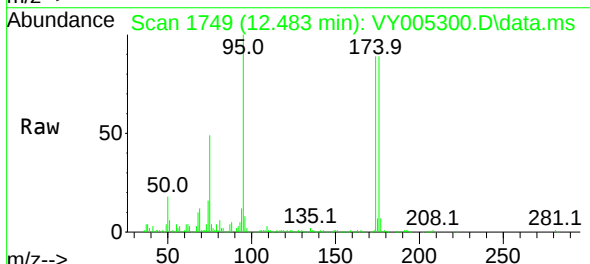
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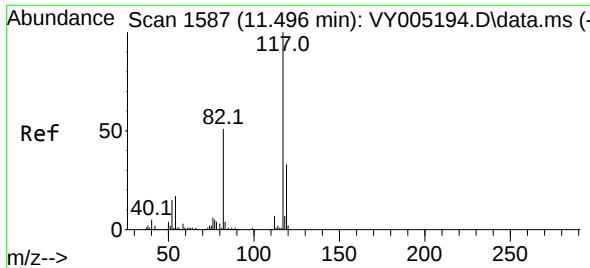
Tgt Ion: 98 Resp: 440327
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 64.189 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005300.D
Acq: 30 Jun 2021 16:05

Tgt Ion: 95 Resp: 172878
Ion Ratio Lower Upper
95 100
174 95.2 0.0 201.6
176 93.2 0.0 197.4

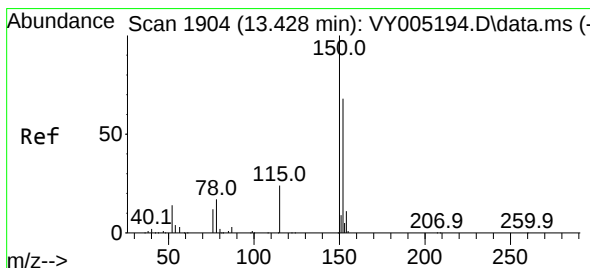
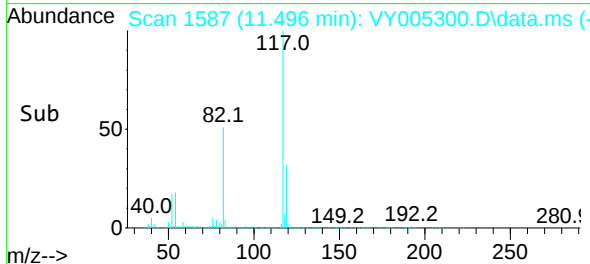
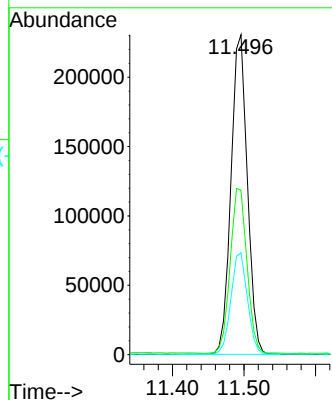
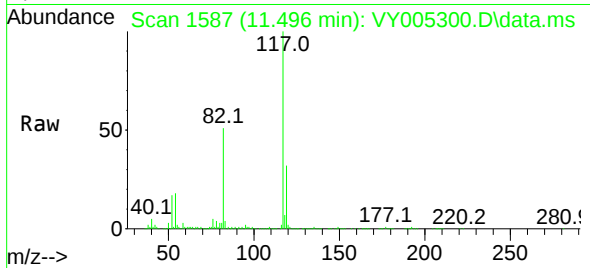




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005300.D
Acq: 30 Jun 2021 16:05

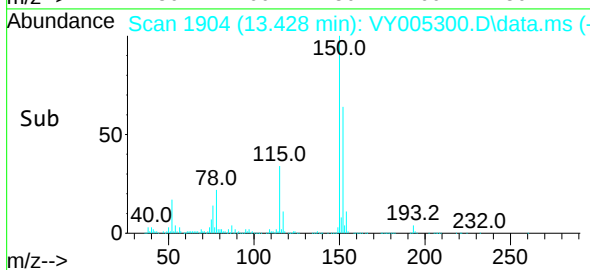
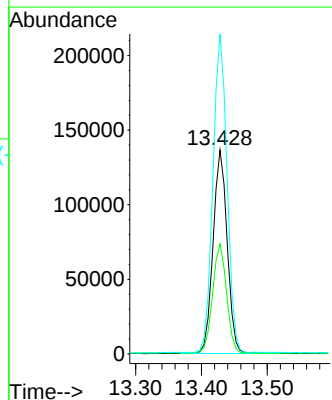
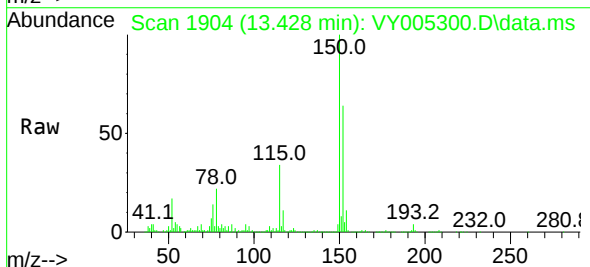
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.5-10.0

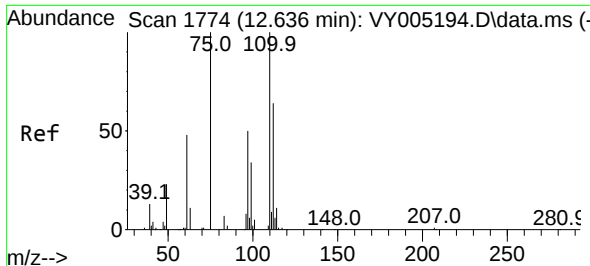
Tgt Ion:117 Resp: 365009
Ion Ratio Lower Upper
117 100
82 50.9 40.6 60.8
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005300.D
Acq: 30 Jun 2021 16:05

Tgt Ion:152 Resp: 203679
Ion Ratio Lower Upper
152 100
115 53.1 26.3 78.8
150 155.8 0.0 344.2

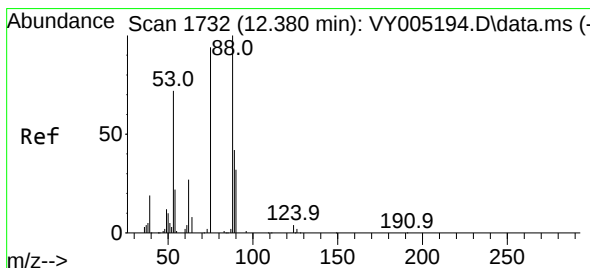
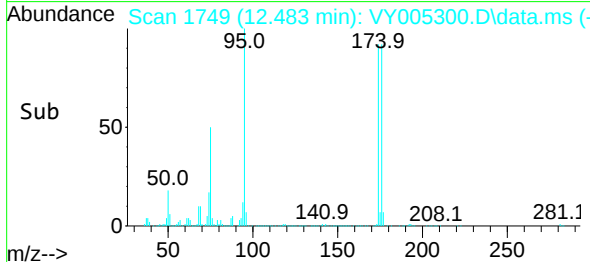
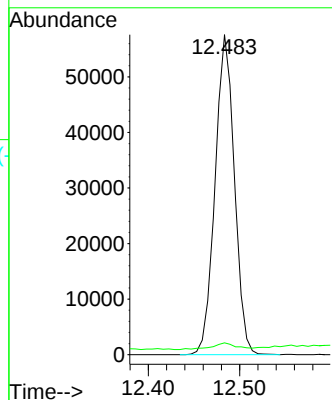
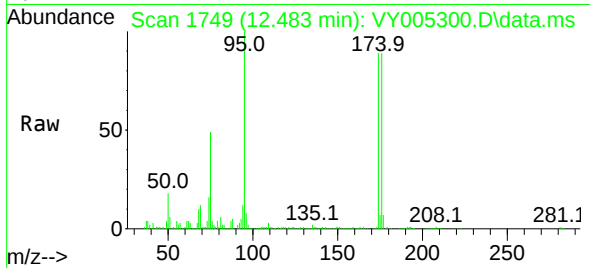




#76
1,2,3-Trichloropropane
Concen: 46.962 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005300.D
Acq: 30 Jun 2021 16:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.5-10.0

Tgt Ion: 75 Resp: 84832
Ion Ratio Lower Upper
75 100
77 2.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.620 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005300.D
Acq: 30 Jun 2021 16:05

Tgt Ion: 75 Resp: 84832
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 38.0 57.0#

