

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005354.D
 Acq On : 02 Jul 2021 20:11
 Operator : SY/MD
 Sample : M2933-03
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3

Quant Time: Jul 05 01:08:51 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)

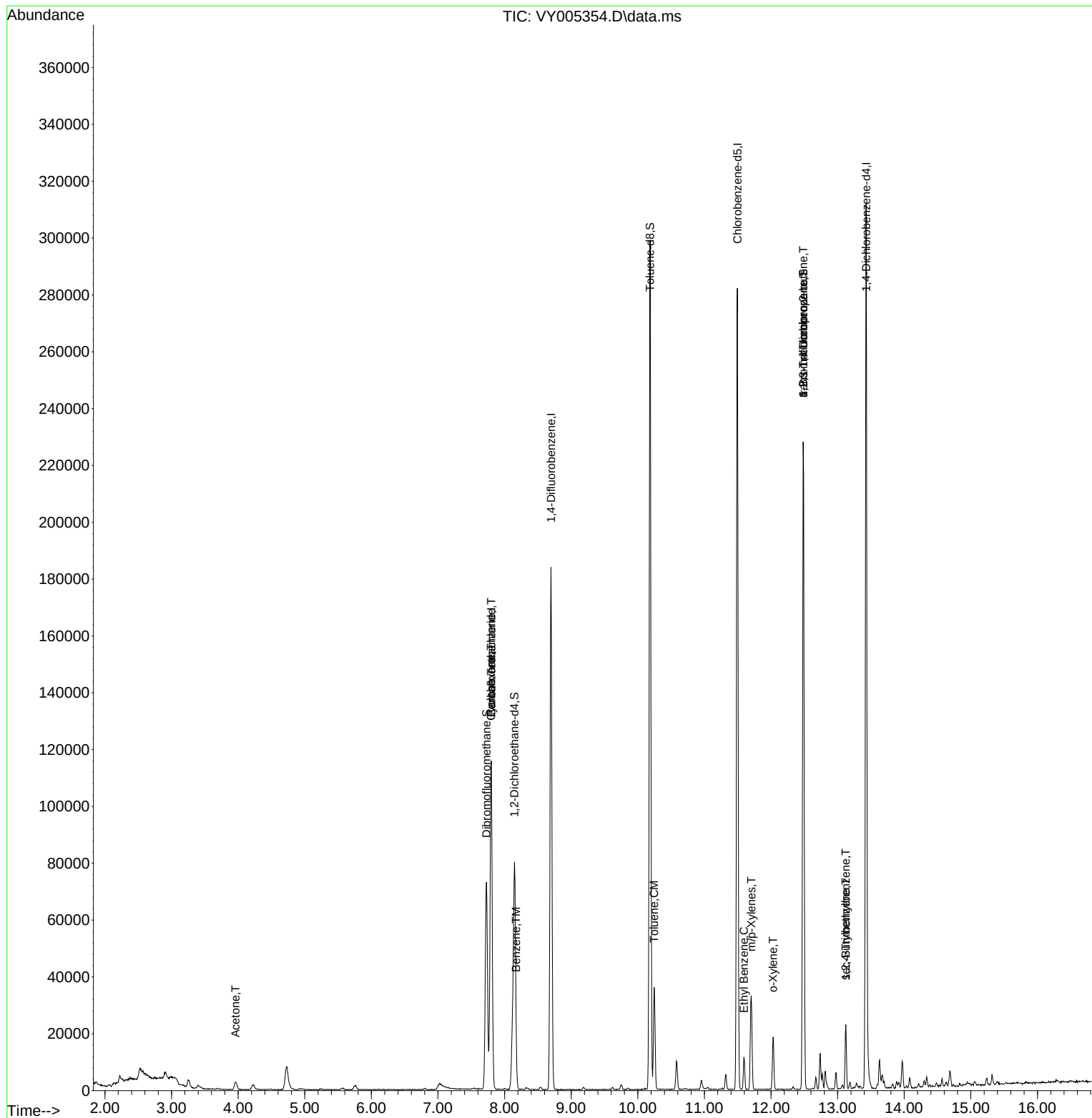
Internal Standards						
1) Pentafluorobenzene	7.801	168	98158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	157930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	160261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	55171	67.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.460%	
35) Dibromofluoromethane	7.728	113	51399	55.185	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.360%	
50) Toluene-d8	10.185	98	194942	52.337	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.680%	
62) 4-Bromofluorobenzene	12.483	95	63747	51.360	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.720%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	430	Below Cal	#	77
16) Acetone	3.960	43	4864	25.848	ug/l	98
20) Methylene Chloride	4.728	84	6337	Below Cal		94
31) Cyclohexane	7.795	56	2017	1.387	ug/l #	1
38) Carbon Tetrachloride	7.801	117	8393	5.765	ug/l #	18
40) Benzene	8.173	78	5317	1.297	ug/l	94
52) Toluene	10.246	92	15103	5.762	ug/l	97
67) Ethyl Benzene	11.593	91	7271	1.327	ug/l	99
68) m/p-Xylenes	11.703	106	10412	4.745	ug/l	97
69) o-Xylene	12.032	106	5078	2.444	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	32280	44.635	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32280	83.279	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.123	105	11400	2.635	ug/l	95
85) sec-Butylbenzene	13.123	105	11400	2.009	ug/l #	54

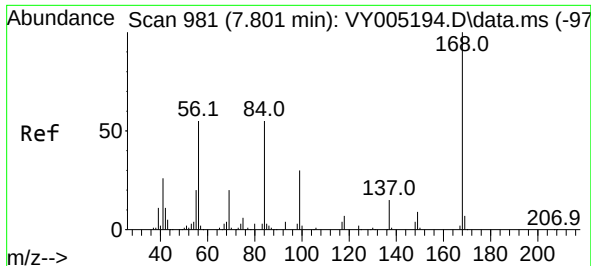
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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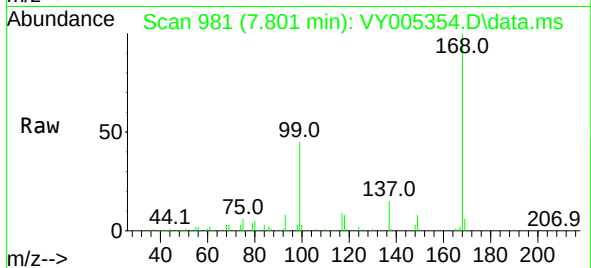
Quant Time: Jul 05 01:08:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration



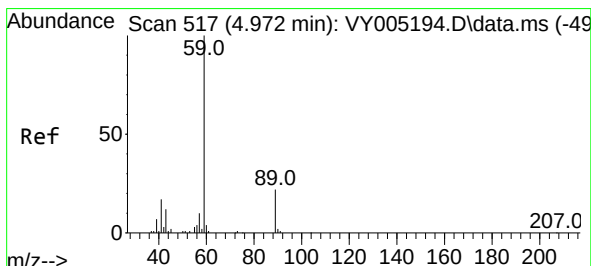
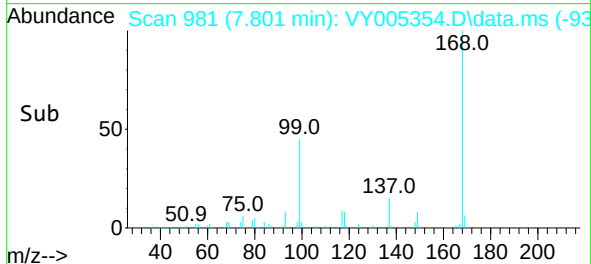
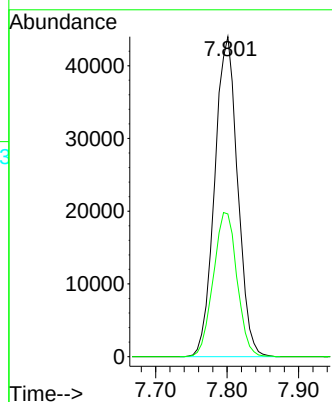


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

Instrument :
MSVOA_Y
ClientSampled :
3

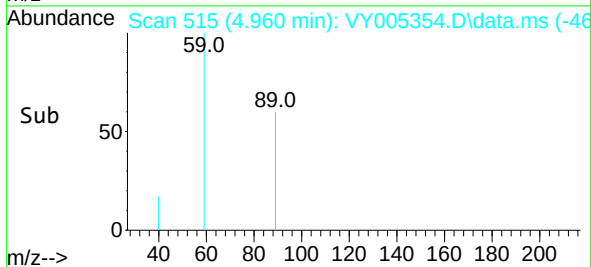
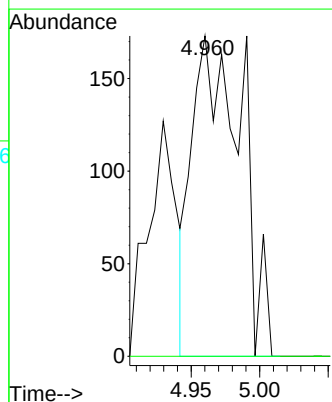
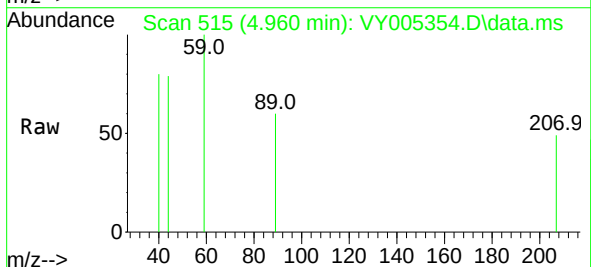


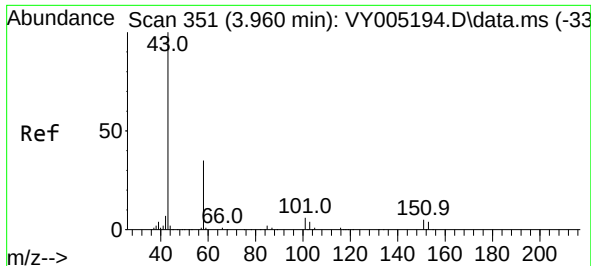
Tgt Ion:168 Resp: 98158
Ion Ratio Lower Upper
168 100
99 44.6 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

Tgt Ion: 59 Resp: 430
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

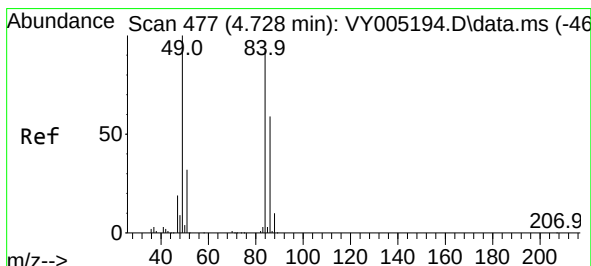
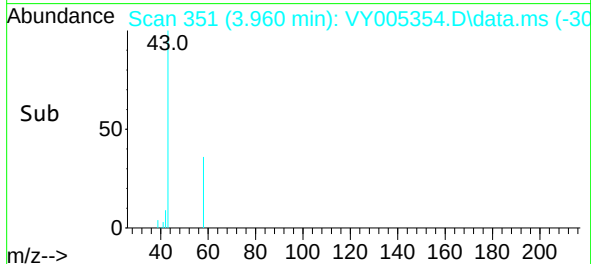
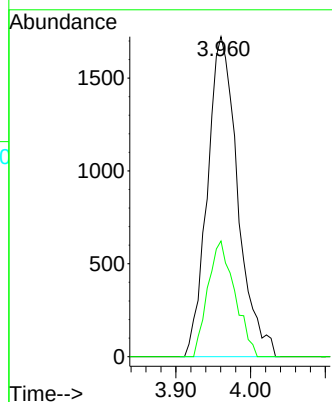
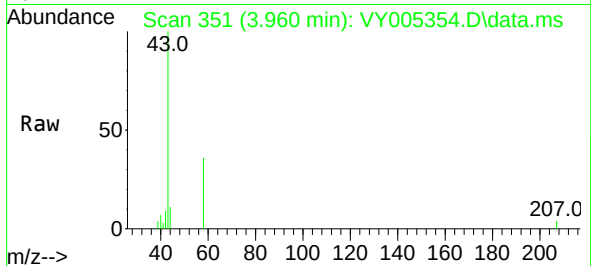




#16
Acetone
Concen: 25.848 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

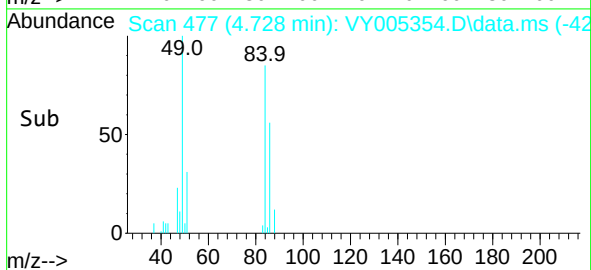
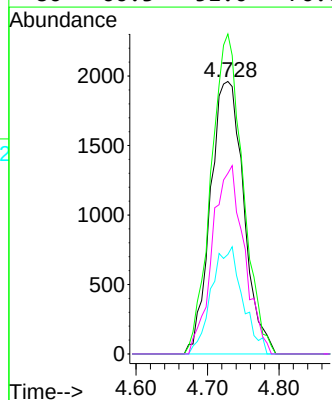
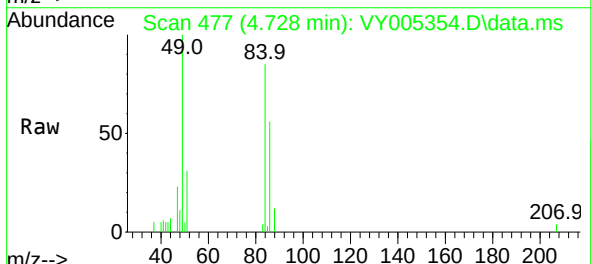
Instrument :
MSVOA_Y
ClientSampleId :
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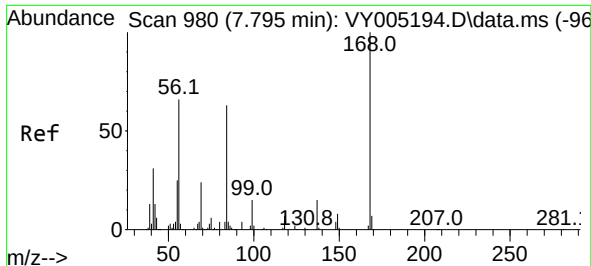
Tgt Ion: 43 Resp: 4864
Ion Ratio Lower Upper
43 100
58 36.2 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

Tgt Ion: 84 Resp: 6337
Ion Ratio Lower Upper
84 100
49 117.4 86.9 130.3
51 36.5 27.4 41.2
86 66.3 51.0 76.6

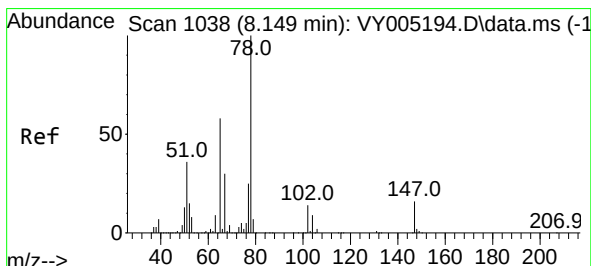
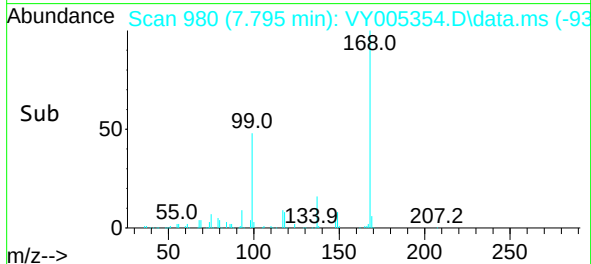
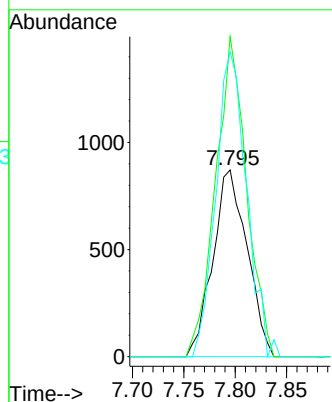
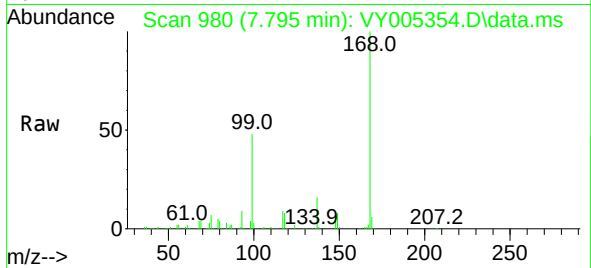




#31
Cyclohexane
Concen: 1.387 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

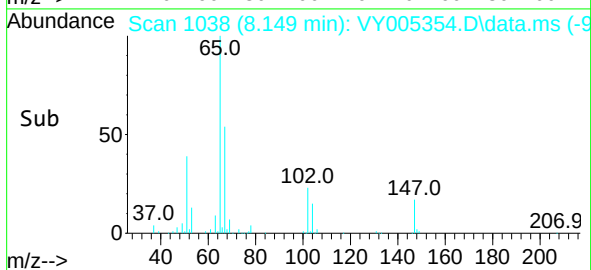
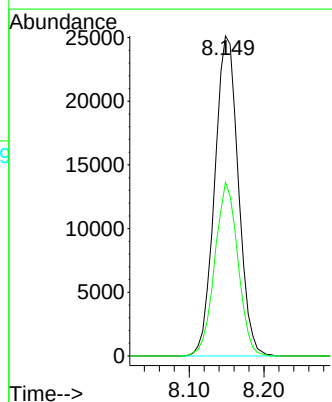
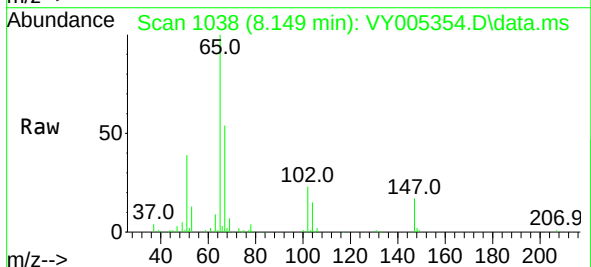
Instrument :
MSVOA_Y
ClientSampleId :
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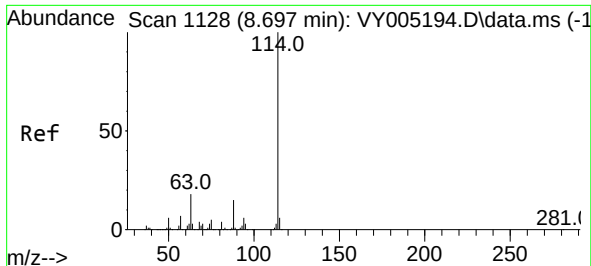
Tgt Ion: 56 Resp: 2017
Ion Ratio Lower Upper
56 100
69 171.3 29.6 44.4#
84 163.2 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 67.730 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

Tgt Ion: 65 Resp: 55171
Ion Ratio Lower Upper
65 100
67 53.2 0.0 110.6

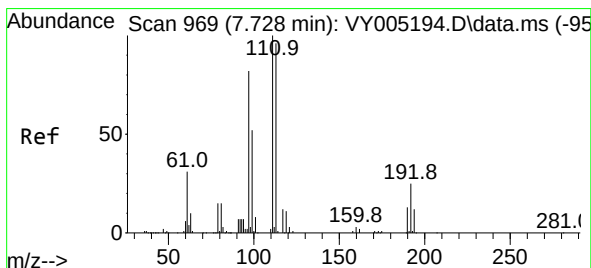
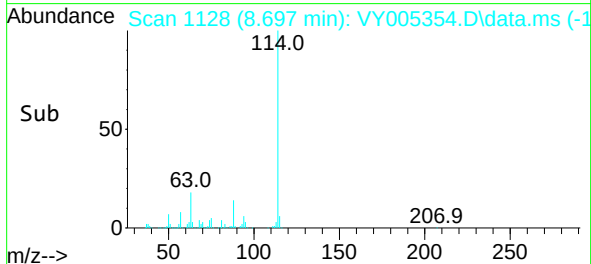
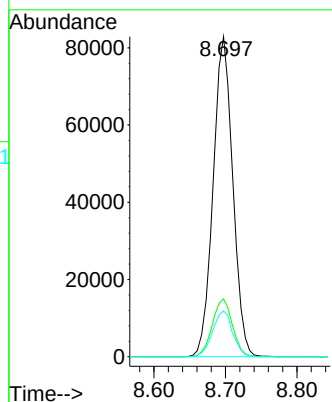
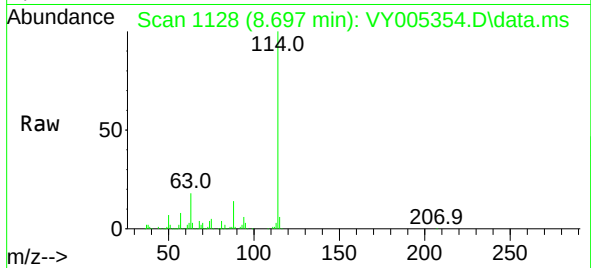




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

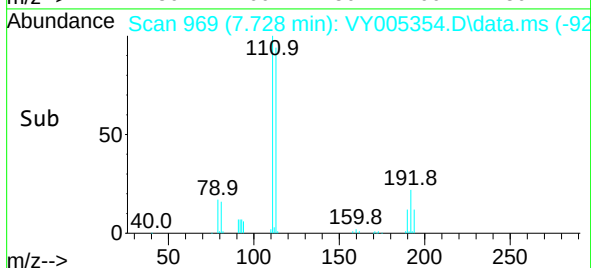
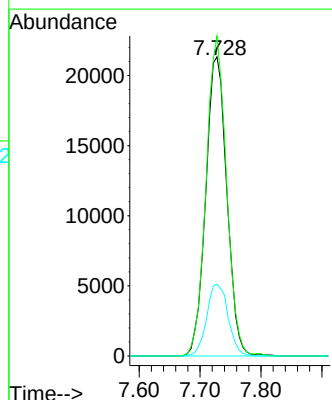
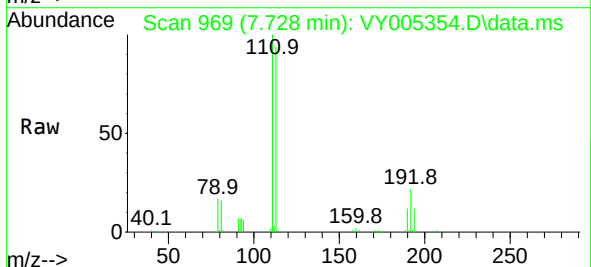
Instrument :
MSVOA_Y
ClientSampled :
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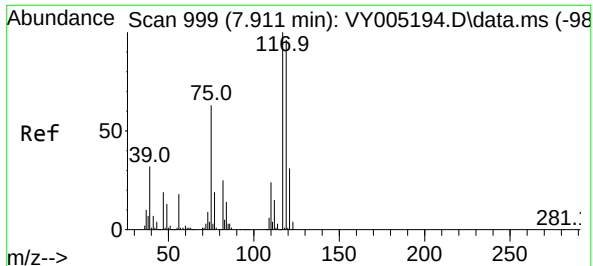
Tgt Ion:114 Resp: 157930
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.2
88 14.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 55.185 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

Tgt Ion:113 Resp: 51399
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 24.3 20.2 30.2

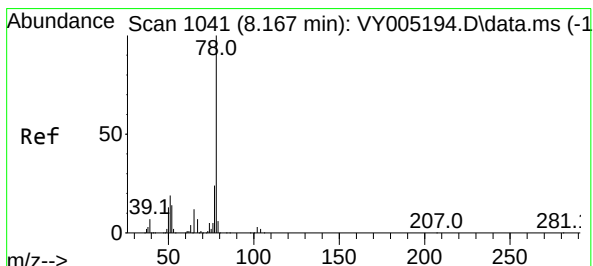
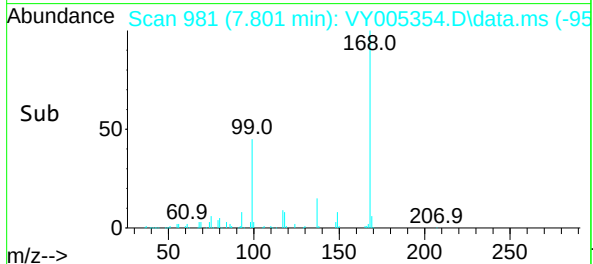
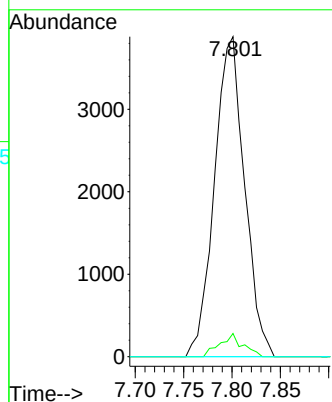
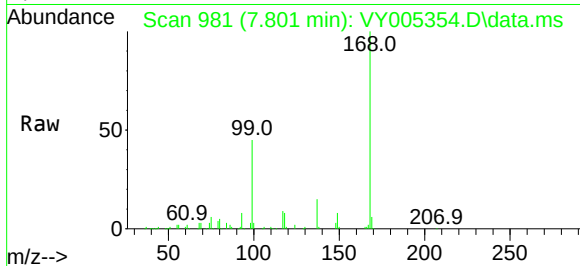




#38
Carbon Tetrachloride
Concen: 5.765 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

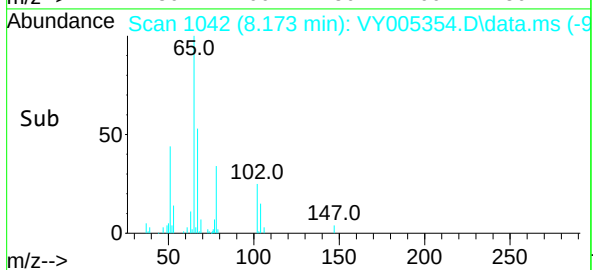
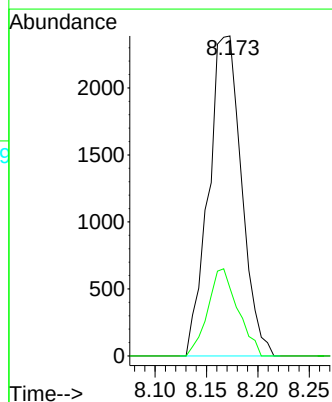
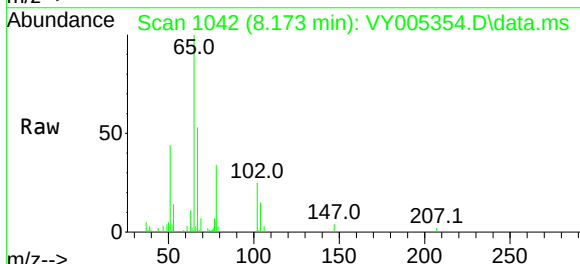
Instrument :
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ClientSampleId :
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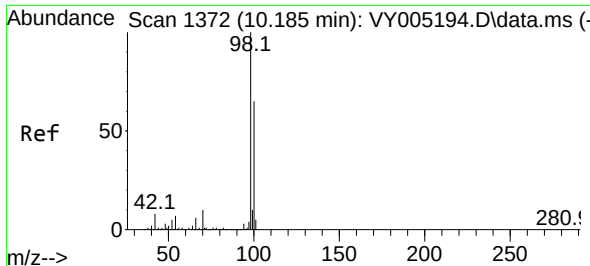
Tgt Ion:117 Resp: 8393
Ion Ratio Lower Upper
117 100
119 7.3 76.2 114.4#
121 0.0 24.7 37.1#



#40
Benzene
Concen: 1.297 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

Tgt Ion: 78 Resp: 5317
Ion Ratio Lower Upper
78 100
77 21.2 19.1 28.7

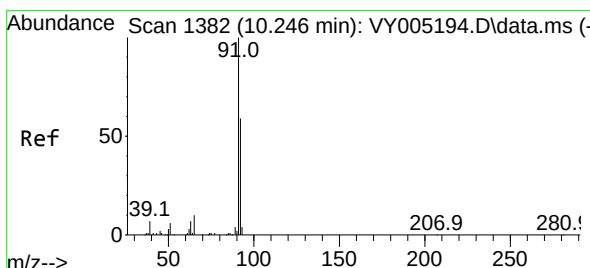
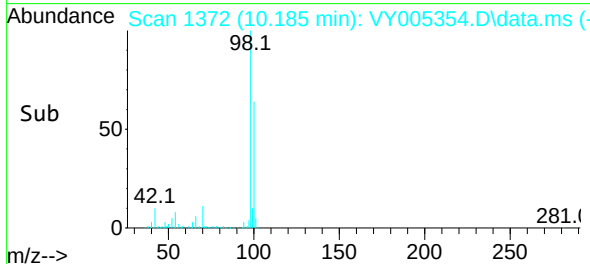
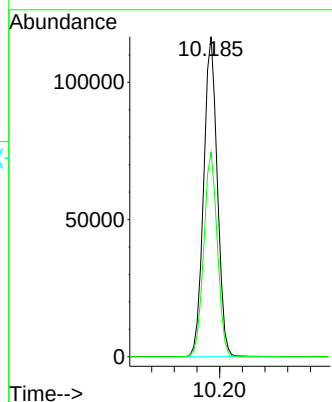
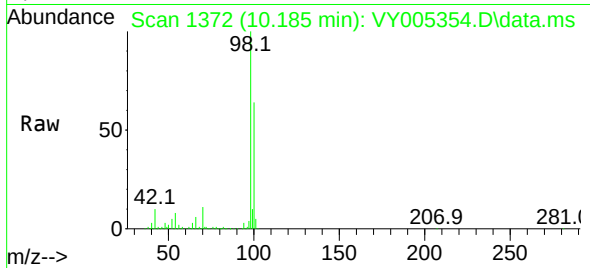




#50
Toluene-d8
Concen: 52.337 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

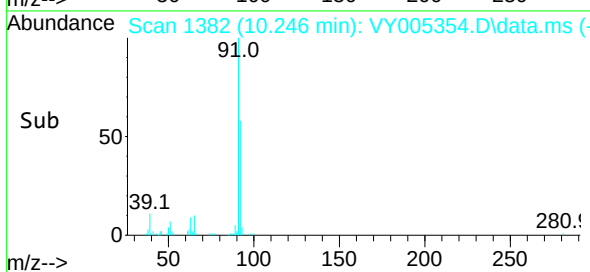
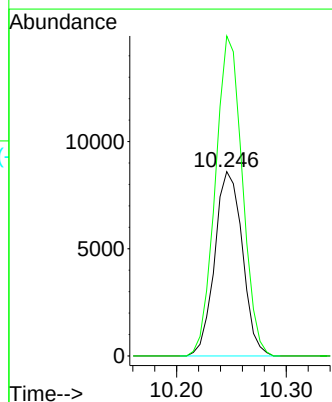
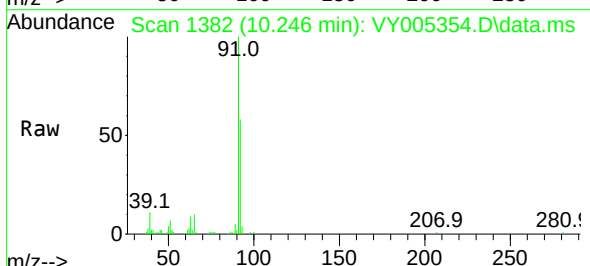
Instrument :
MSVOA_Y
ClientSampled :
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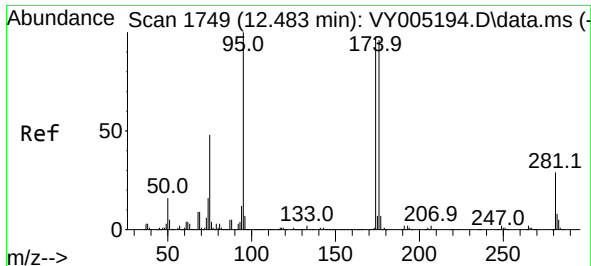
Tgt Ion: 98 Resp: 194942
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#52
Toluene
Concen: 5.762 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

Tgt Ion: 92 Resp: 15103
Ion Ratio Lower Upper
92 100
91 169.3 138.3 207.5

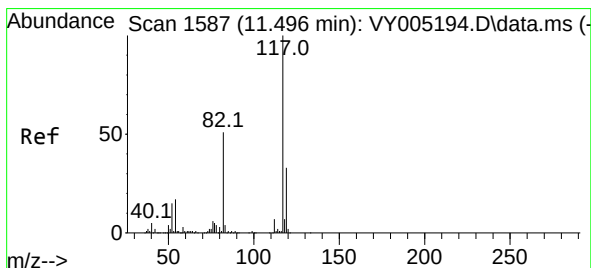
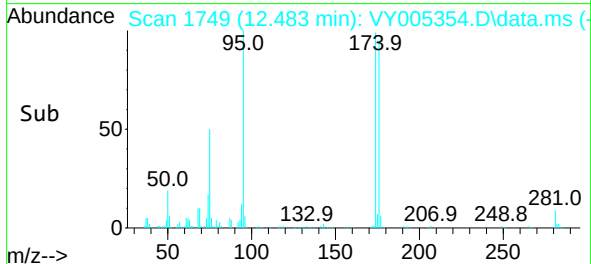
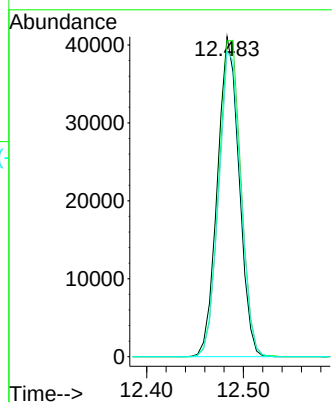
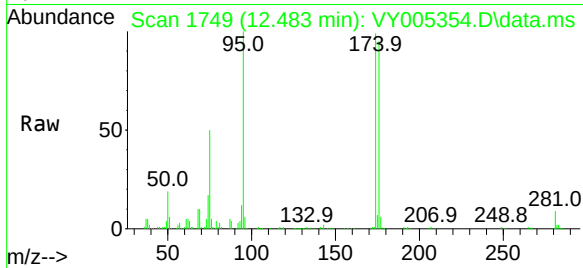




#62
4-Bromofluorobenzene
Concen: 51.360 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

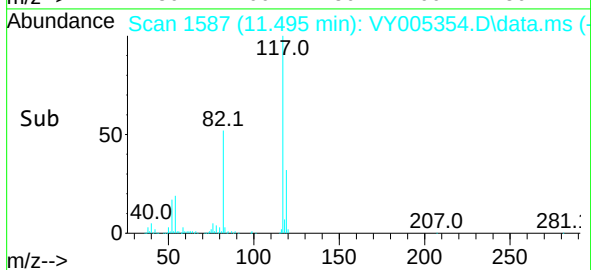
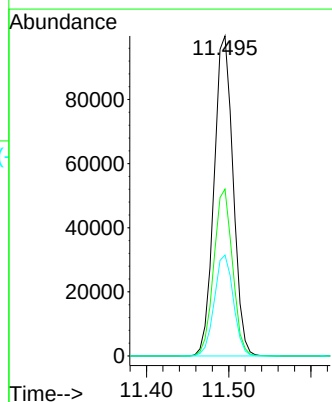
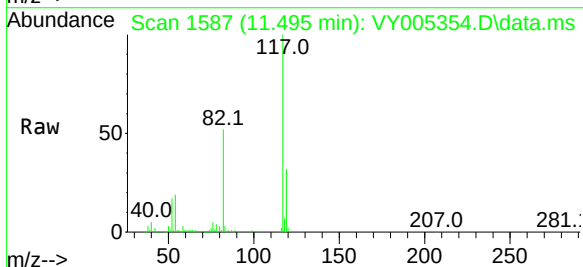
Instrument :
MSVOA_Y
ClientSampleId :
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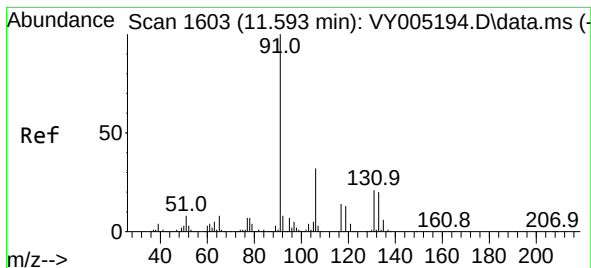
Tgt Ion: 95 Resp: 63747
Ion Ratio Lower Upper
95 100
174 101.7 0.0 201.6
176 96.6 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

Tgt Ion: 117 Resp: 160261
Ion Ratio Lower Upper
117 100
82 52.2 40.6 60.8
119 31.6 26.1 39.1

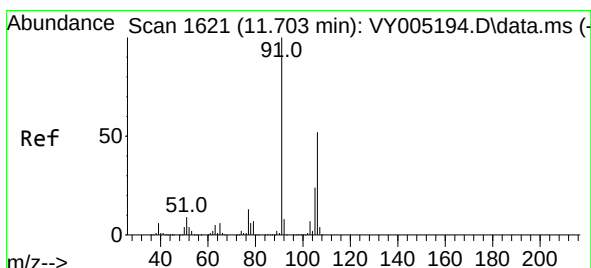
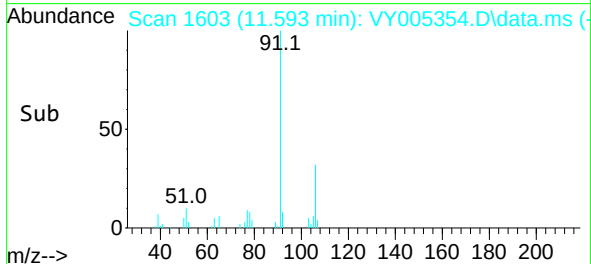
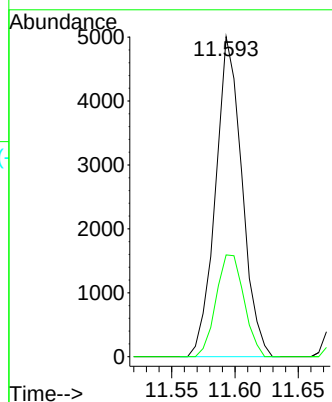
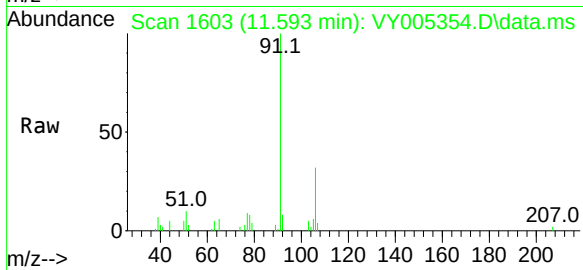




#67
Ethyl Benzene
Concen: 1.327 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

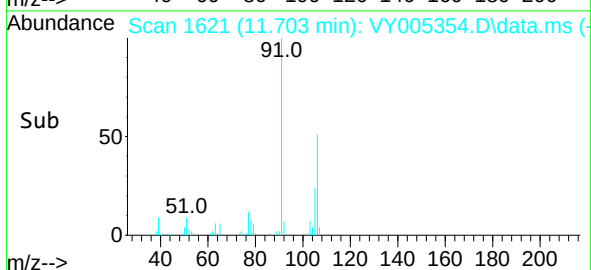
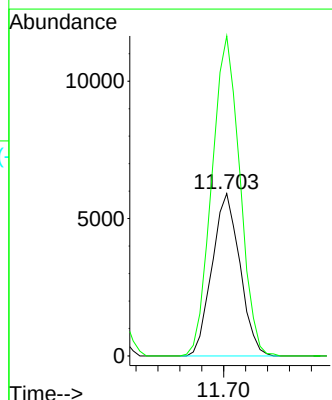
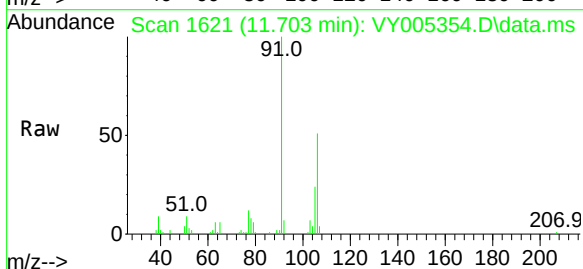
Instrument :
MSVOA_Y
ClientSampleId :
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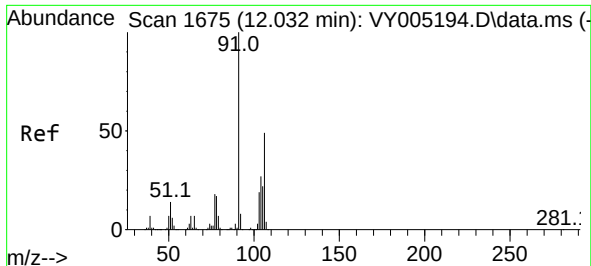
Tgt Ion: 91 Resp: 7271
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.6



#68
m/p-Xylenes
Concen: 4.745 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

Tgt Ion: 106 Resp: 10412
Ion Ratio Lower Upper
106 100
91 198.3 154.8 232.2

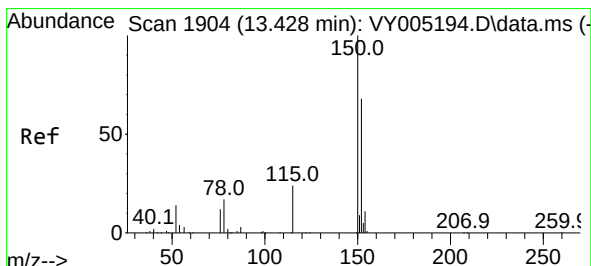
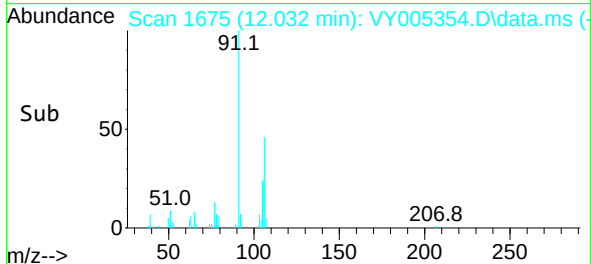
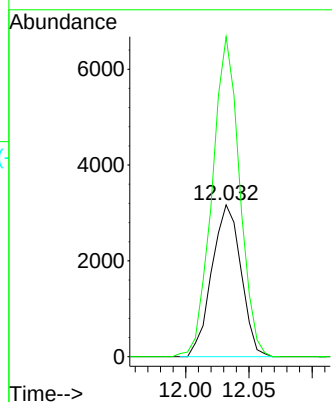
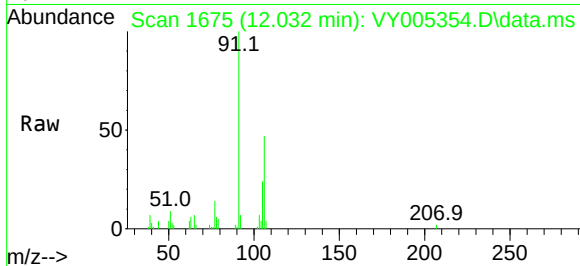




#69
o-Xylene
Concen: 2.444 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

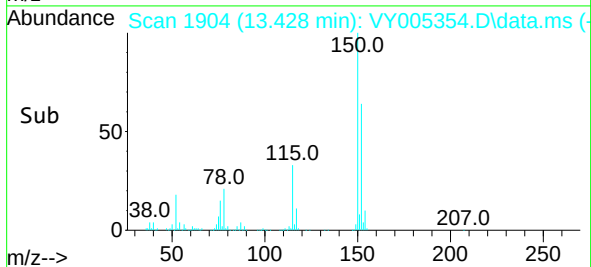
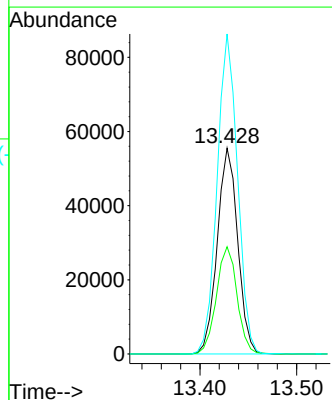
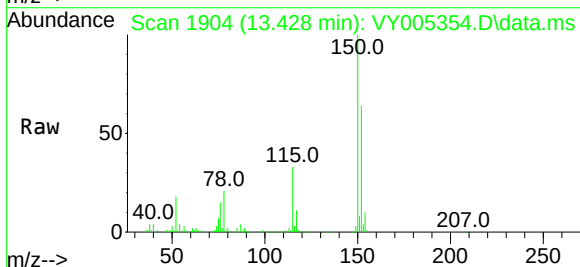
Instrument :
MSVOA_Y
ClientSampled :
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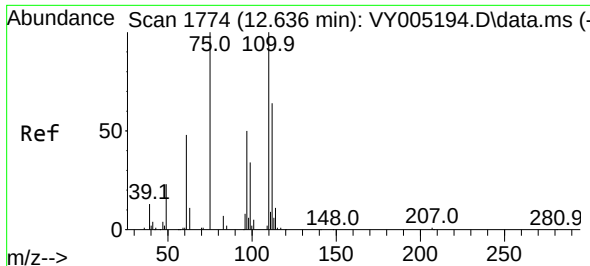
Tgt Ion:106 Resp: 5078
Ion Ratio Lower Upper
106 100
91 198.4 101.6 304.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

Tgt Ion:152 Resp: 81543
Ion Ratio Lower Upper
152 100
115 52.7 26.3 78.8
150 155.0 0.0 344.2

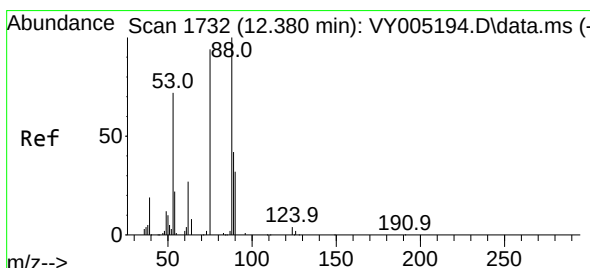
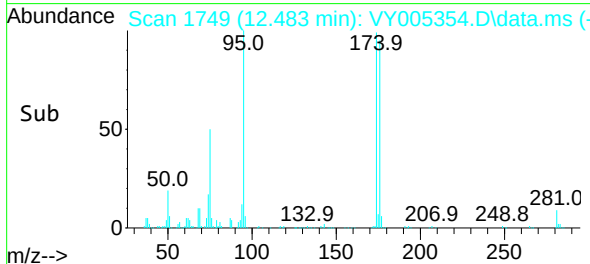
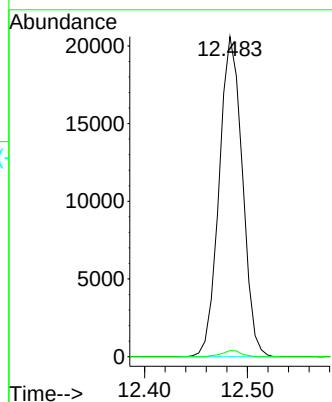
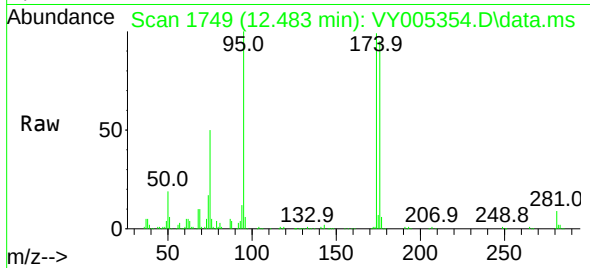




#76
1,2,3-Trichloropropane
Concen: 44.635 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

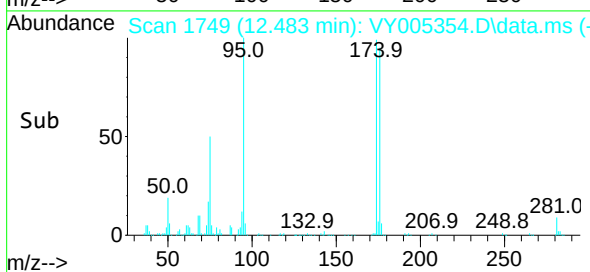
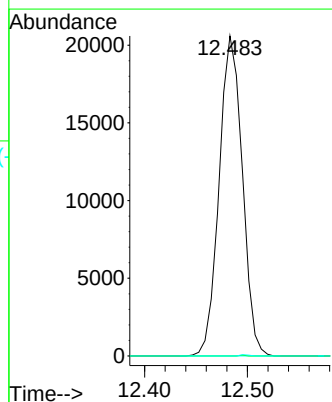
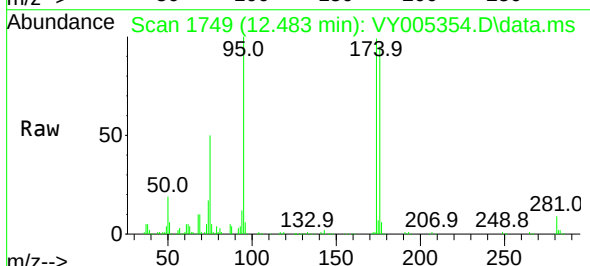
Instrument :
MSVOA_Y
ClientSampled :
3

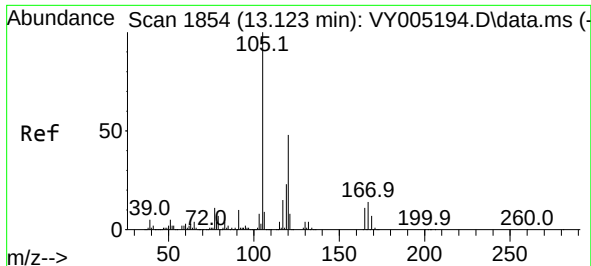
Tgt Ion: 75 Resp: 32280
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.279 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

Tgt Ion: 75 Resp: 32280
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.2 38.0 57.0#

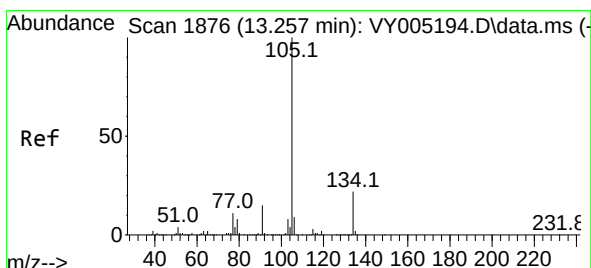
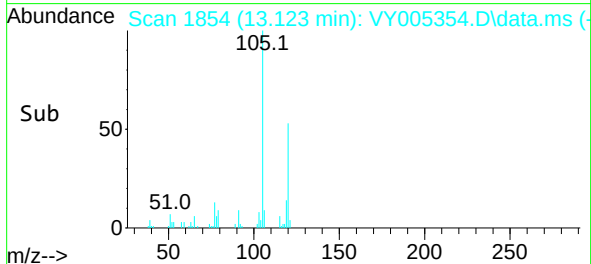
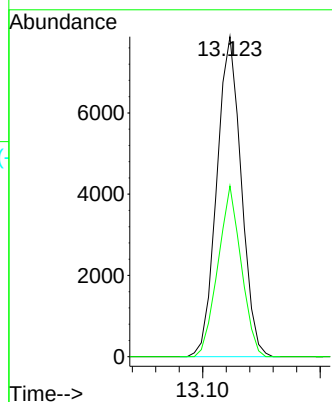
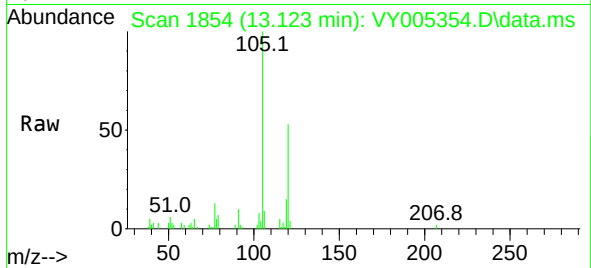




#84
1,2,4-Trimethylbenzene
Concen: 2.635 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

Instrument :
MSVOA_Y
ClientSampleId :
3

Tgt Ion:105 Resp: 11400
Ion Ratio Lower Upper
105 100
120 50.8 23.6 71.0



#85
sec-Butylbenzene
Concen: 2.009 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.134 min
Lab File: VY005354.D
Acq: 02 Jul 2021 20:11

Tgt Ion:105 Resp: 11400
Ion Ratio Lower Upper
105 100
134 0.0 10.9 32.6#

