

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063021\
 Data File : VY005304.D
 Acq On : 30 Jun 2021 17:38
 Operator : SY/MD
 Sample : M2901-03
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124033

Quant Time: Jul 01 06:39:57 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)

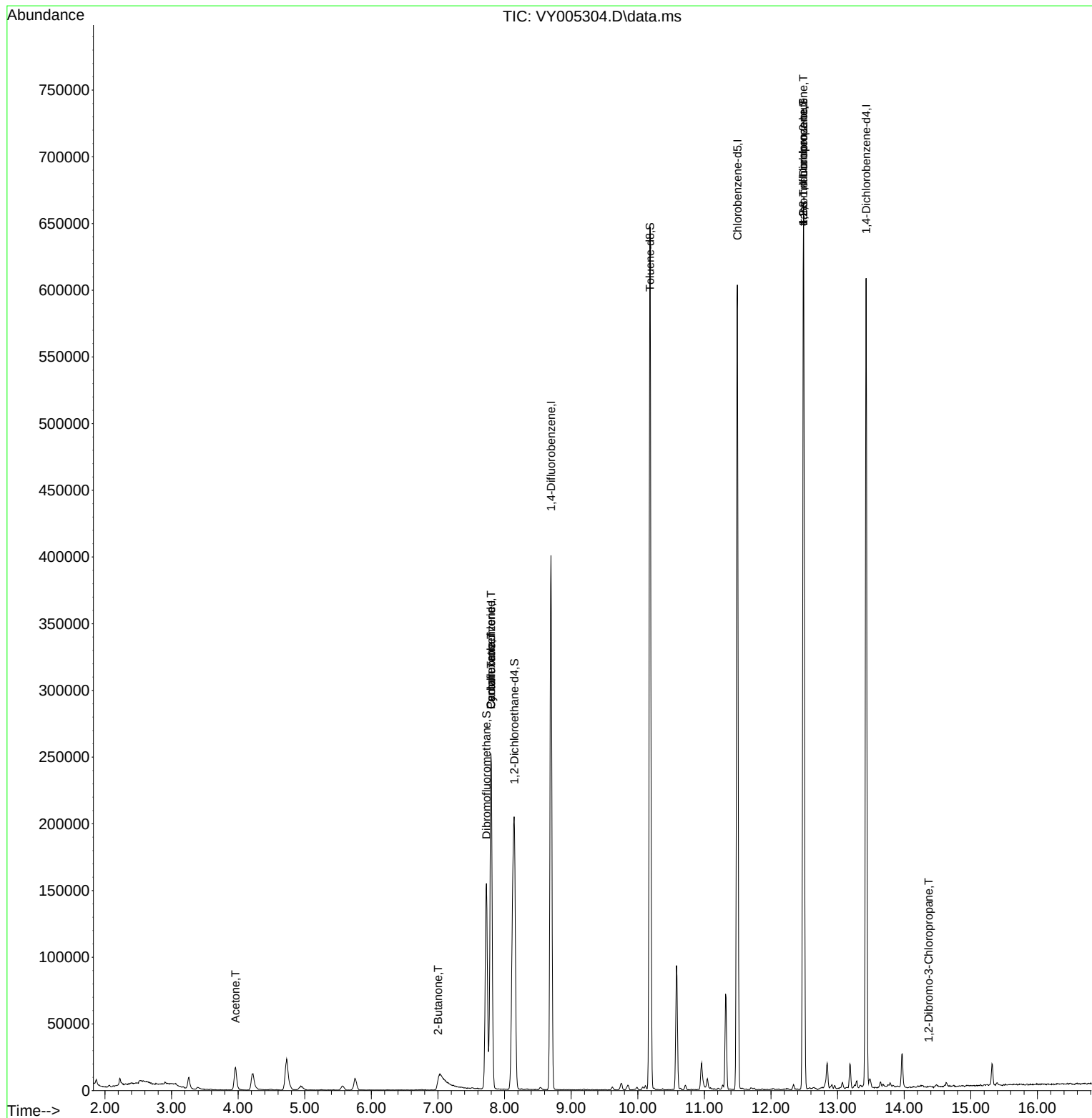
Internal Standards						
1) Pentafluorobenzene	7.795	168	215617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	347872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	342371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120240	67.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.400%
35) Dibromofluoromethane	7.728	113	108502	52.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.780%
50) Toluene-d8	10.185	98	426309	51.960	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.920%
62) 4-Bromofluorobenzene	12.483	95	145931	53.377	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.760%
Target Compounds						
11) Tert butyl alcohol	4.942	59	2302	Below Cal	#	87
16) Acetone	3.960	43	29023	70.213	ug/l	98
20) Methylene Chloride	4.729	84	16894	Below Cal		94
25) 2-Butanone	7.003	43	2794	4.636	ug/l	# 80
31) Cyclohexane	7.795	56	3787	1.186	ug/l	# 1
38) Carbon Tetrachloride	7.795	117	18251	5.692	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	73891	51.643	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	73891	96.355	ug/l	# 18
92) 1,2-Dibromo-3-Chloropr...	14.367	75	359	1.045	ug/l	# 1

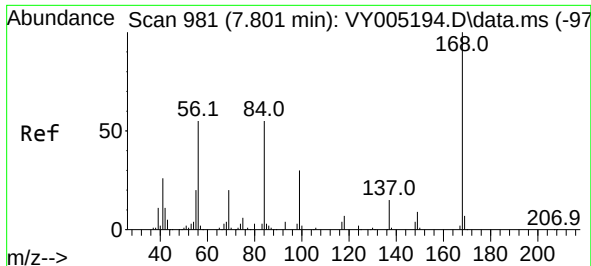
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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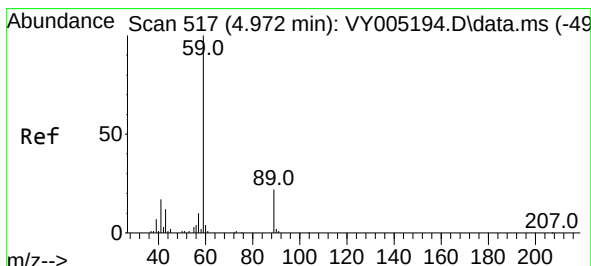
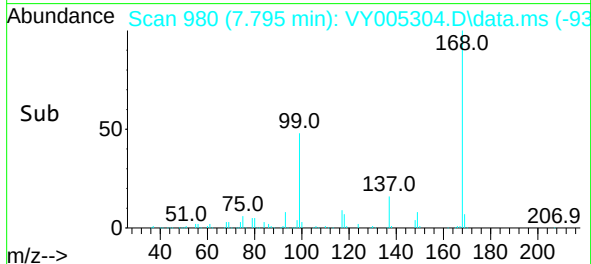
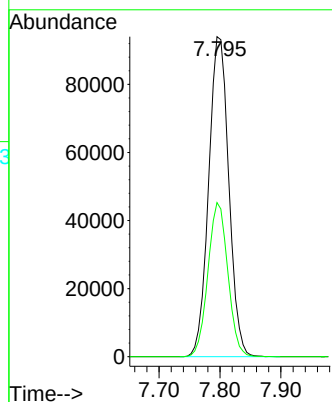
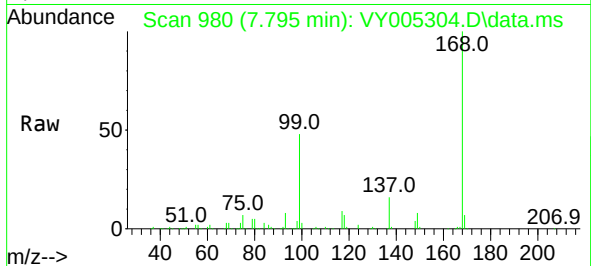




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005304.D
Acq: 30 Jun 2021 17:38

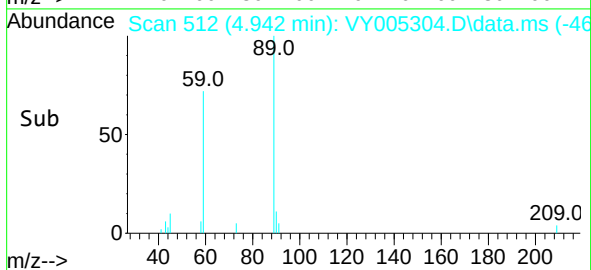
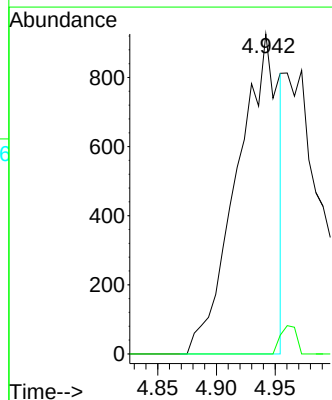
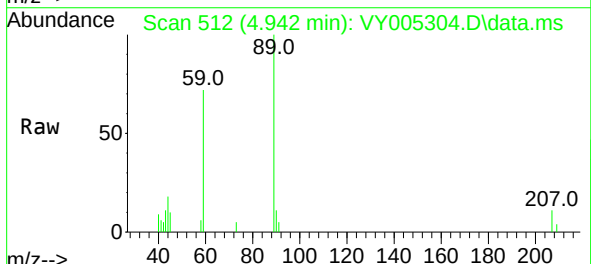
Instrument :
MSVOA_Y
ClientSampleId :
124033

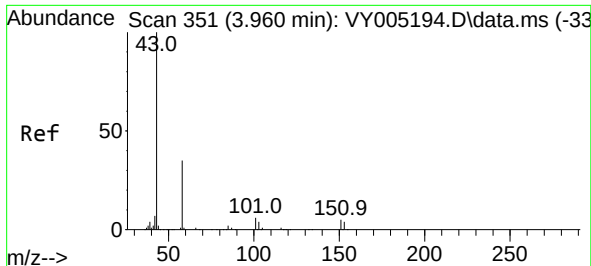
Tgt Ion:168 Resp: 215617
Ion Ratio Lower Upper
168 100
99 48.2 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY005304.D
Acq: 30 Jun 2021 17:38

Tgt Ion: 59 Resp: 2302
Ion Ratio Lower Upper
59 100
57 3.4 6.5 9.7#

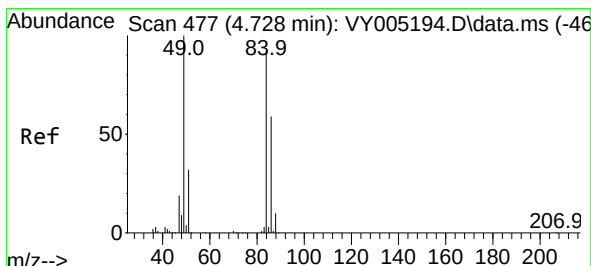
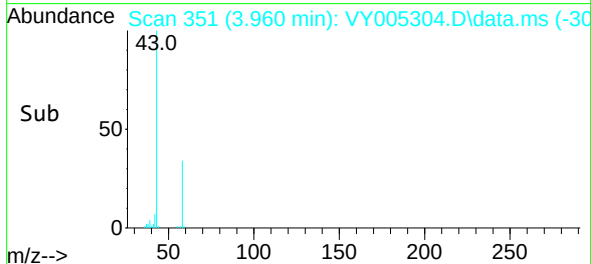
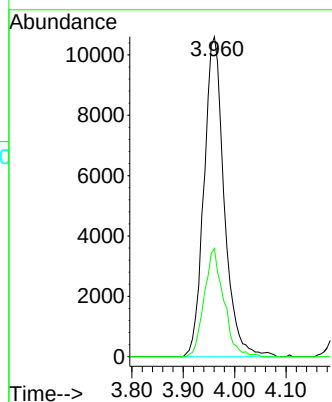
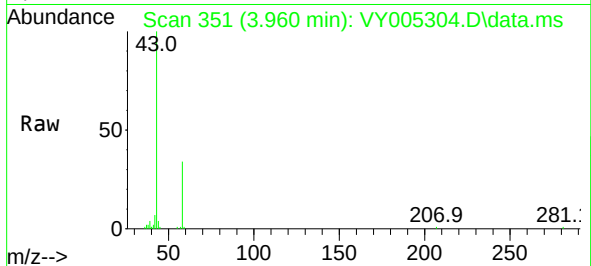




#16
Acetone
Concen: 70.213 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005304.D
Acq: 30 Jun 2021 17:38

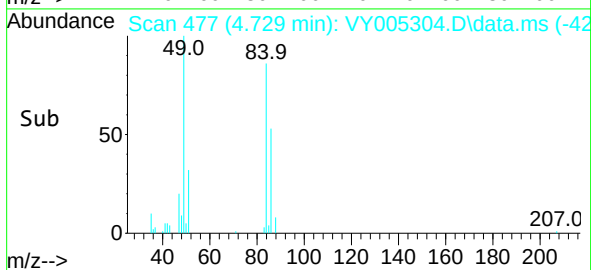
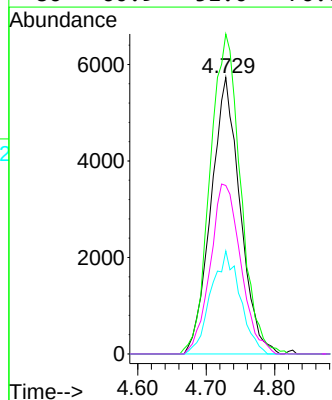
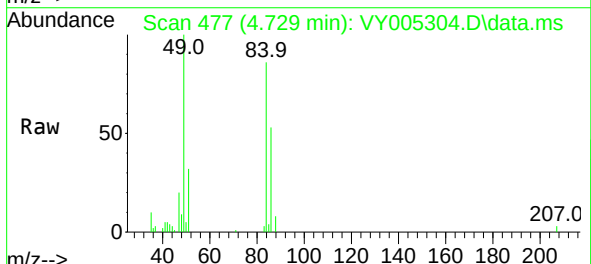
Instrument :
MSVOA_Y
ClientSampled :
124033

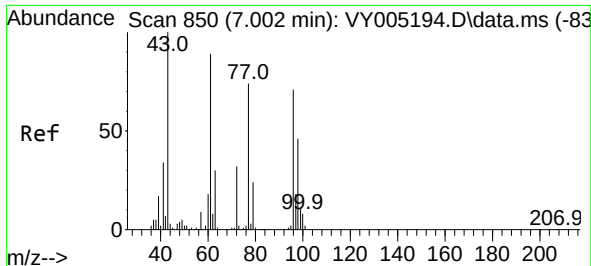
Tgt Ion: 43 Resp: 29023
Ion Ratio Lower Upper
43 100
58 33.8 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY005304.D
Acq: 30 Jun 2021 17:38

Tgt Ion: 84 Resp: 16894
Ion Ratio Lower Upper
84 100
49 115.7 86.9 130.3
51 37.3 27.4 41.2
86 60.9 51.0 76.6

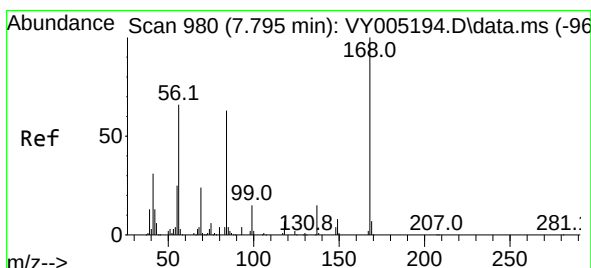
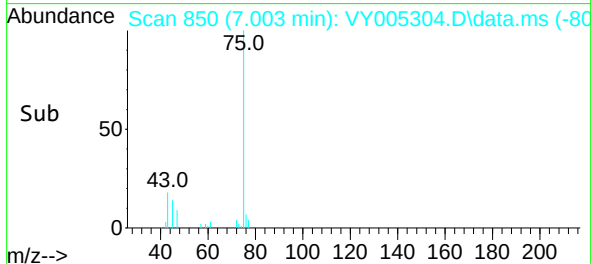
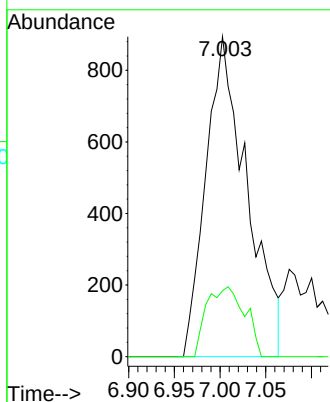
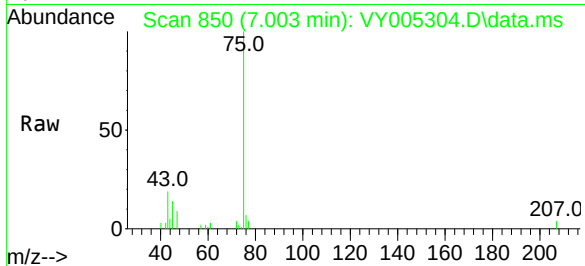




#25
2-Butanone
Concen: 4.636 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY005304.D
Acq: 30 Jun 2021 17:38

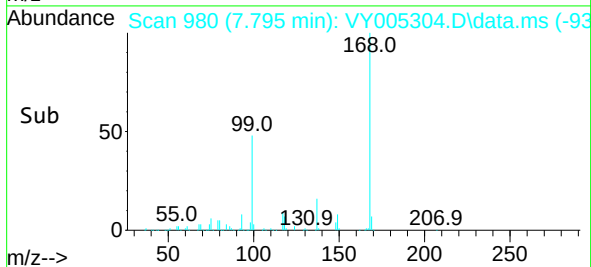
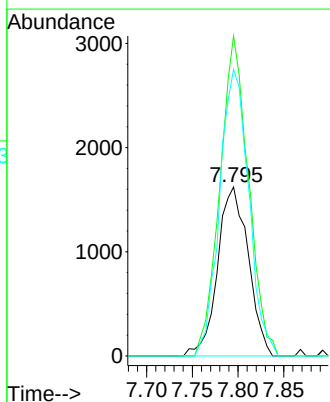
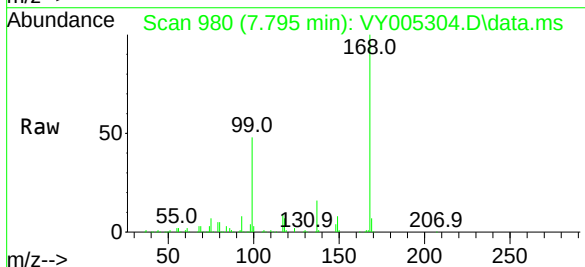
Instrument :
MSVOA_Y
ClientSampled :
124033

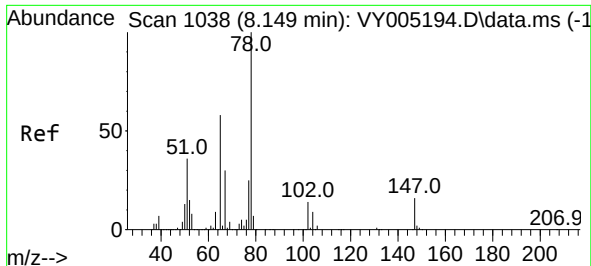
Tgt Ion: 43 Resp: 2794
Ion Ratio Lower Upper
43 100
72 20.6 25.3 37.9#



#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005304.D
Acq: 30 Jun 2021 17:38

Tgt Ion: 56 Resp: 3787
Ion Ratio Lower Upper
56 100
69 189.4 29.6 44.4#
84 169.6 76.4 114.6#

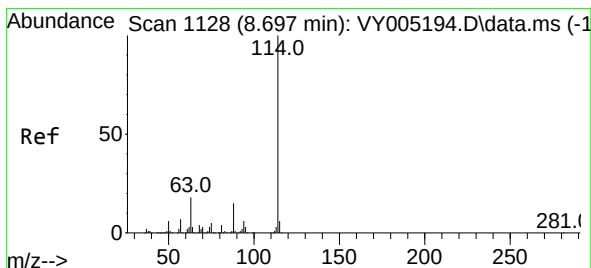
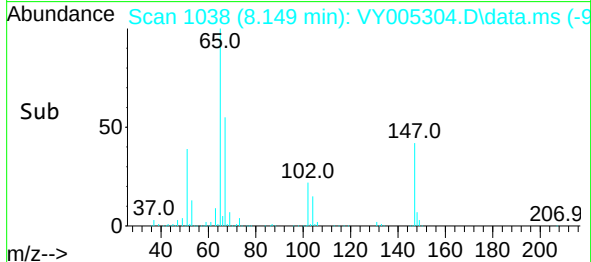
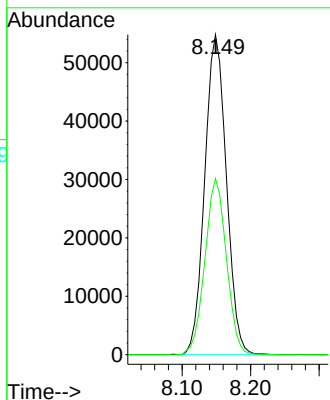
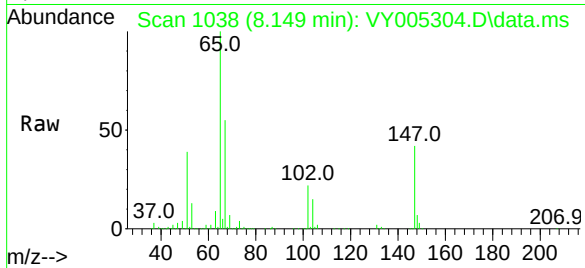




#33
 1,2-Dichloroethane-d4
 Concen: 67.199 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005304.D
 Acq: 30 Jun 2021 17:38

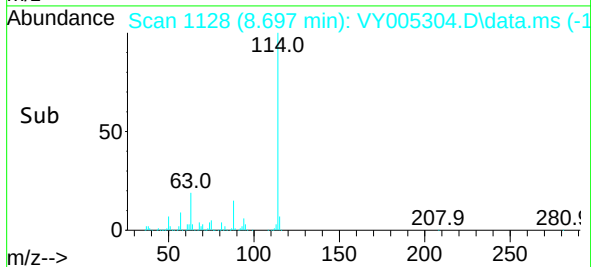
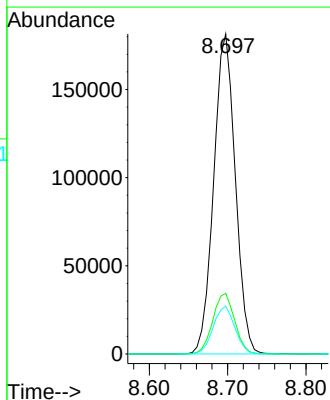
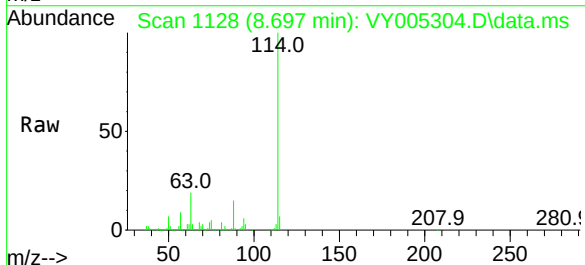
Instrument :
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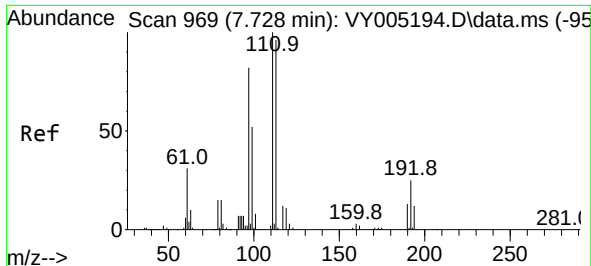
Tgt Ion: 65 Resp: 120240
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005304.D
 Acq: 30 Jun 2021 17:38

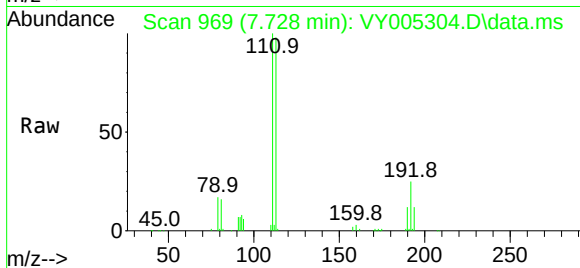
Tgt Ion: 114 Resp: 347872
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 35.2
 88 14.9 0.0 29.4



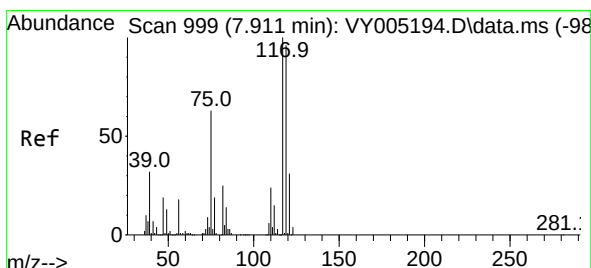
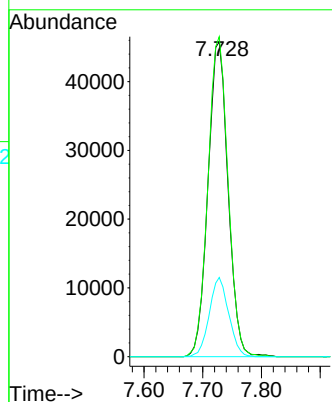
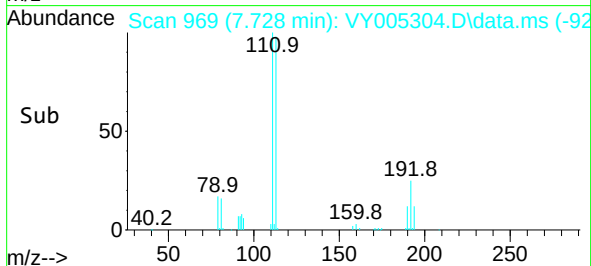


#35
Dibromofluoromethane
Concen: 52.887 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005304.D
Acq: 30 Jun 2021 17:38

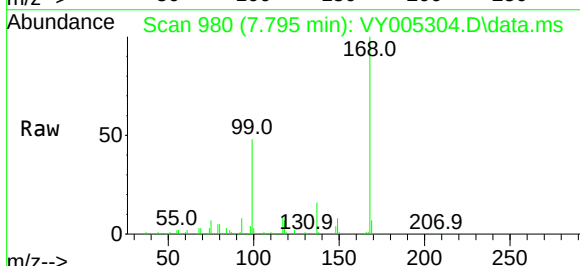
Instrument :
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ClientSampled :
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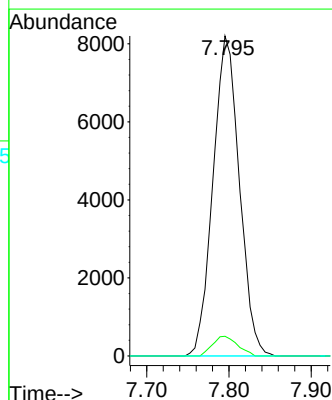
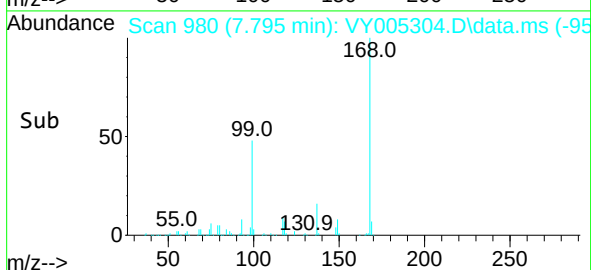
Tgt Ion:113 Resp: 108502
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 24.3 20.2 30.2

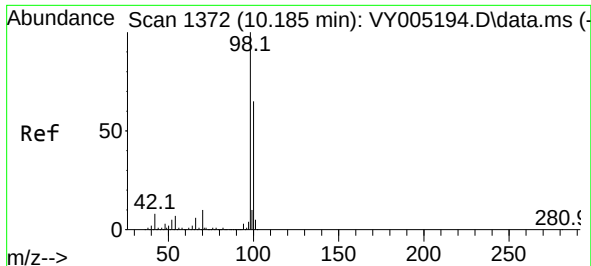


#38
Carbon Tetrachloride
Concen: 5.692 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005304.D
Acq: 30 Jun 2021 17:38



Tgt Ion:117 Resp: 18251
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.4#
121 0.0 24.7 37.1#

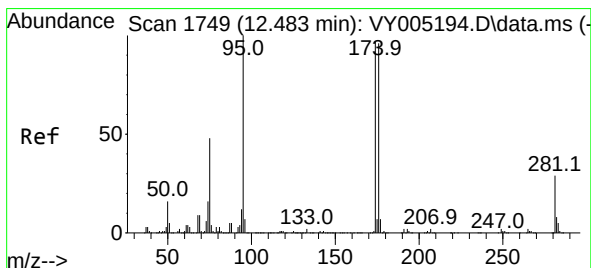
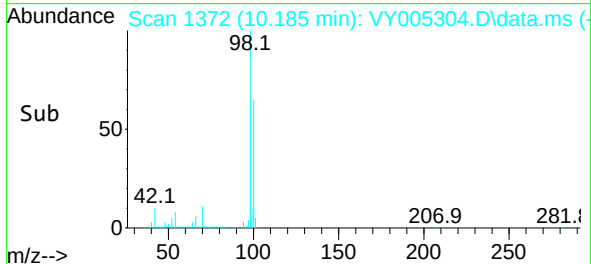
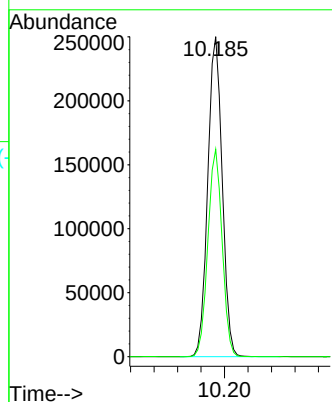
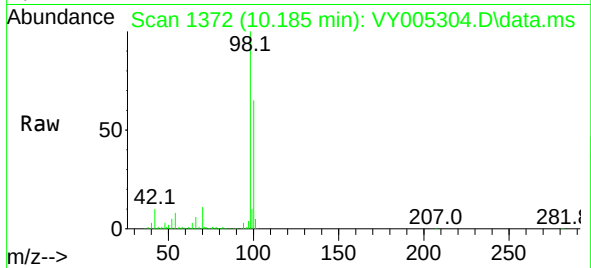




#50
Toluene-d8
Concen: 51.960 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005304.D
Acq: 30 Jun 2021 17:38

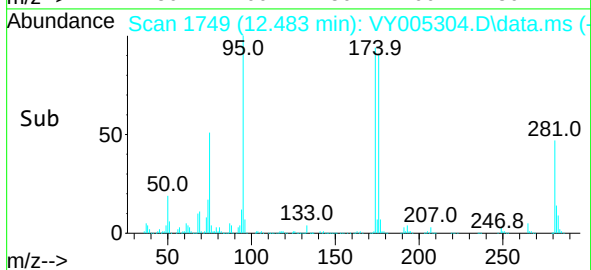
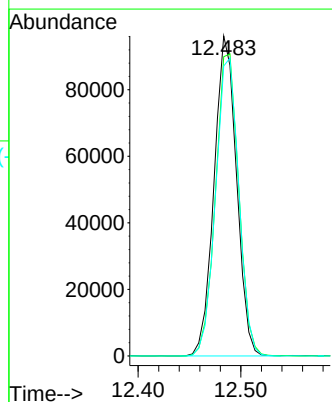
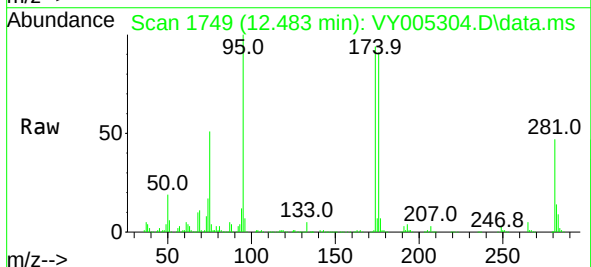
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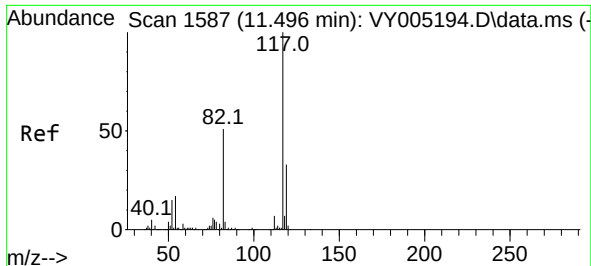
Tgt Ion: 98 Resp: 426309
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.377 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005304.D
Acq: 30 Jun 2021 17:38

Tgt Ion: 95 Resp: 145931
Ion Ratio Lower Upper
95 100
174 97.3 0.0 201.6
176 95.8 0.0 197.4

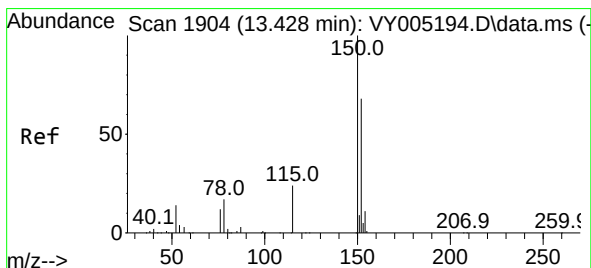
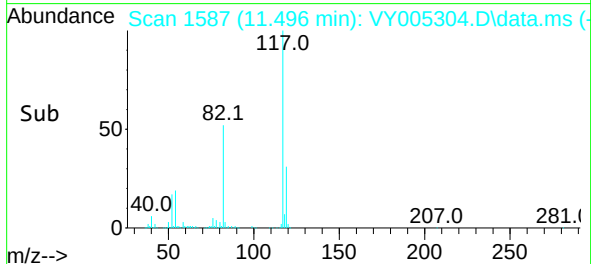
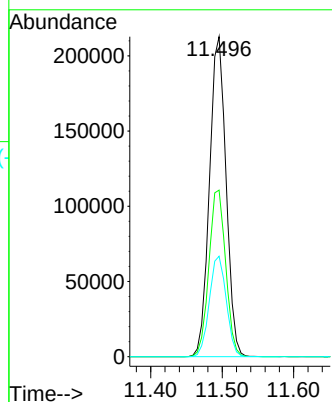
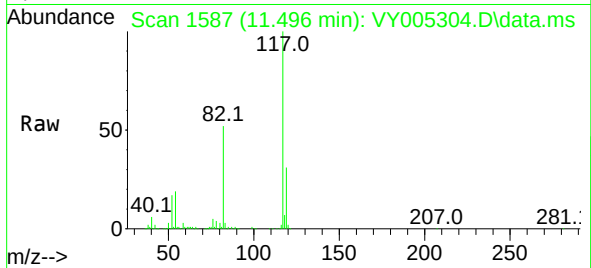




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005304.D
Acq: 30 Jun 2021 17:38

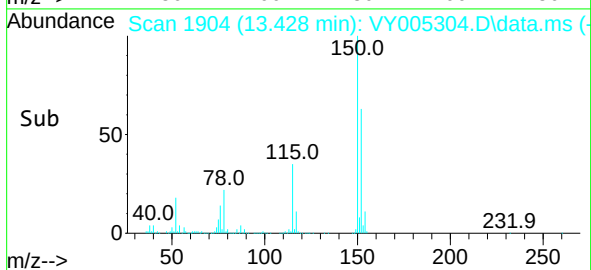
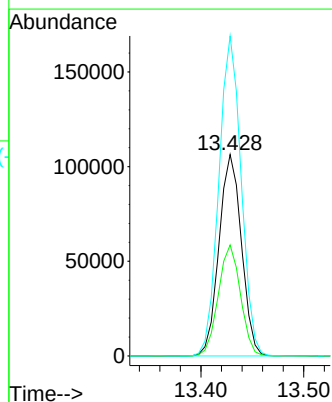
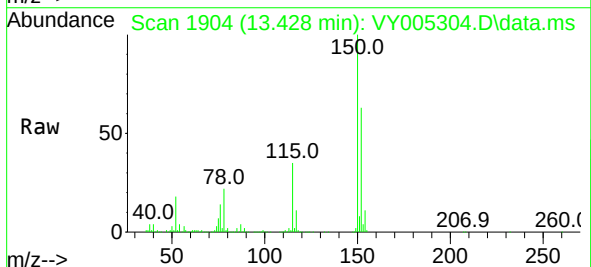
Instrument :
MSVOA_Y
ClientSampled :
124033

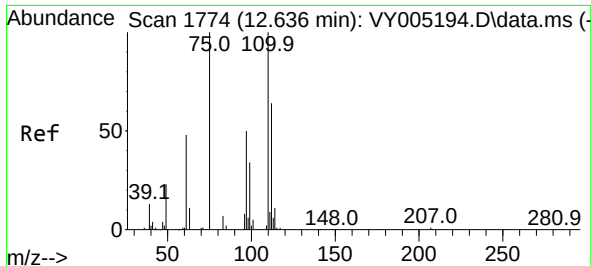
Tgt Ion:117 Resp: 342371
Ion Ratio Lower Upper
117 100
82 52.0 40.6 60.8
119 31.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005304.D
Acq: 30 Jun 2021 17:38

Tgt Ion:152 Resp: 161327
Ion Ratio Lower Upper
152 100
115 54.2 26.3 78.8
150 157.5 0.0 344.2

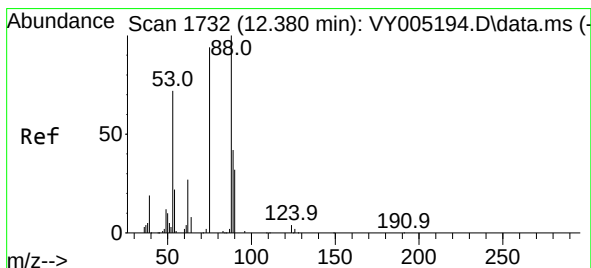
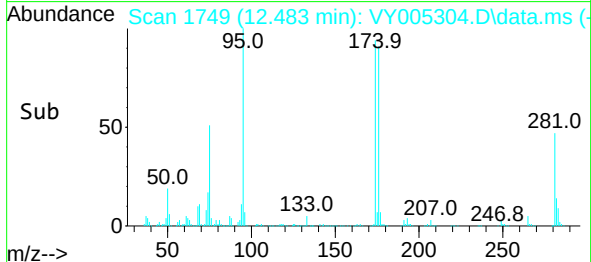
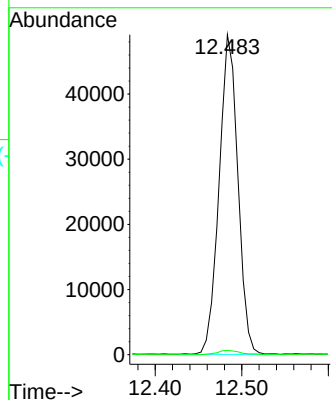
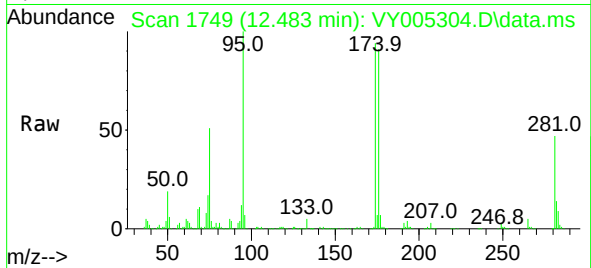




#76
1,2,3-Trichloropropane
Concen: 51.643 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005304.D
Acq: 30 Jun 2021 17:38

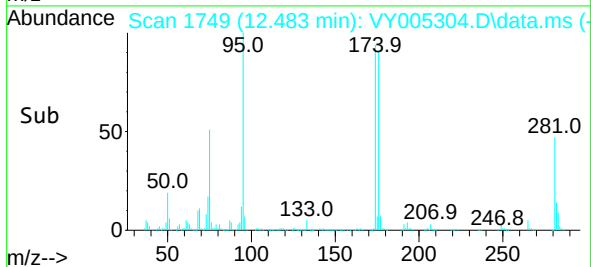
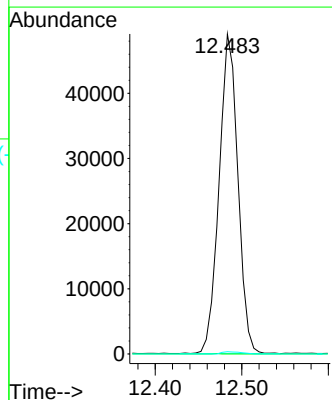
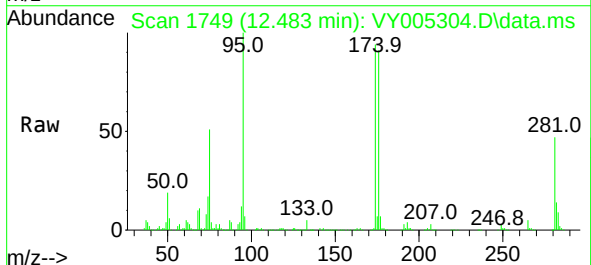
Instrument :
MSVOA_Y
ClientSampled :
124033

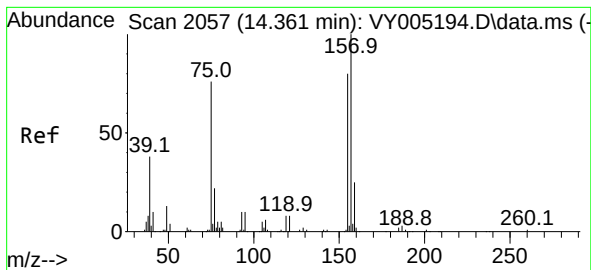
Tgt Ion: 75 Resp: 73891
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.355 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005304.D
Acq: 30 Jun 2021 17:38

Tgt Ion: 75 Resp: 73891
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.7 38.0 57.0#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.045 ug/l
 RT: 14.367 min Scan# 2058
 Delta R.T. 0.006 min
 Lab File: VY005304.D
 Acq: 30 Jun 2021 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 124033

Tgt Ion: 75 Resp: 359
 Ion Ratio Lower Upper
 75 100
 155 0.0 52.4 157.3#
 157 0.0 67.3 201.8#

