

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
 Data File : VY005553.D
 Acq On : 05 Aug 2021 14:14
 Operator : SY/MD
 Sample : M3289-11
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 06 04:39:27 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	301589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	518311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	516748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	266951	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	171107	56.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.100%
35) Dibromofluoromethane	7.728	113	153193	52.791	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.580%
50) Toluene-d8	10.185	98	665730	54.701	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.400%
62) 4-Bromofluorobenzene	12.483	95	239069	59.319	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.640%

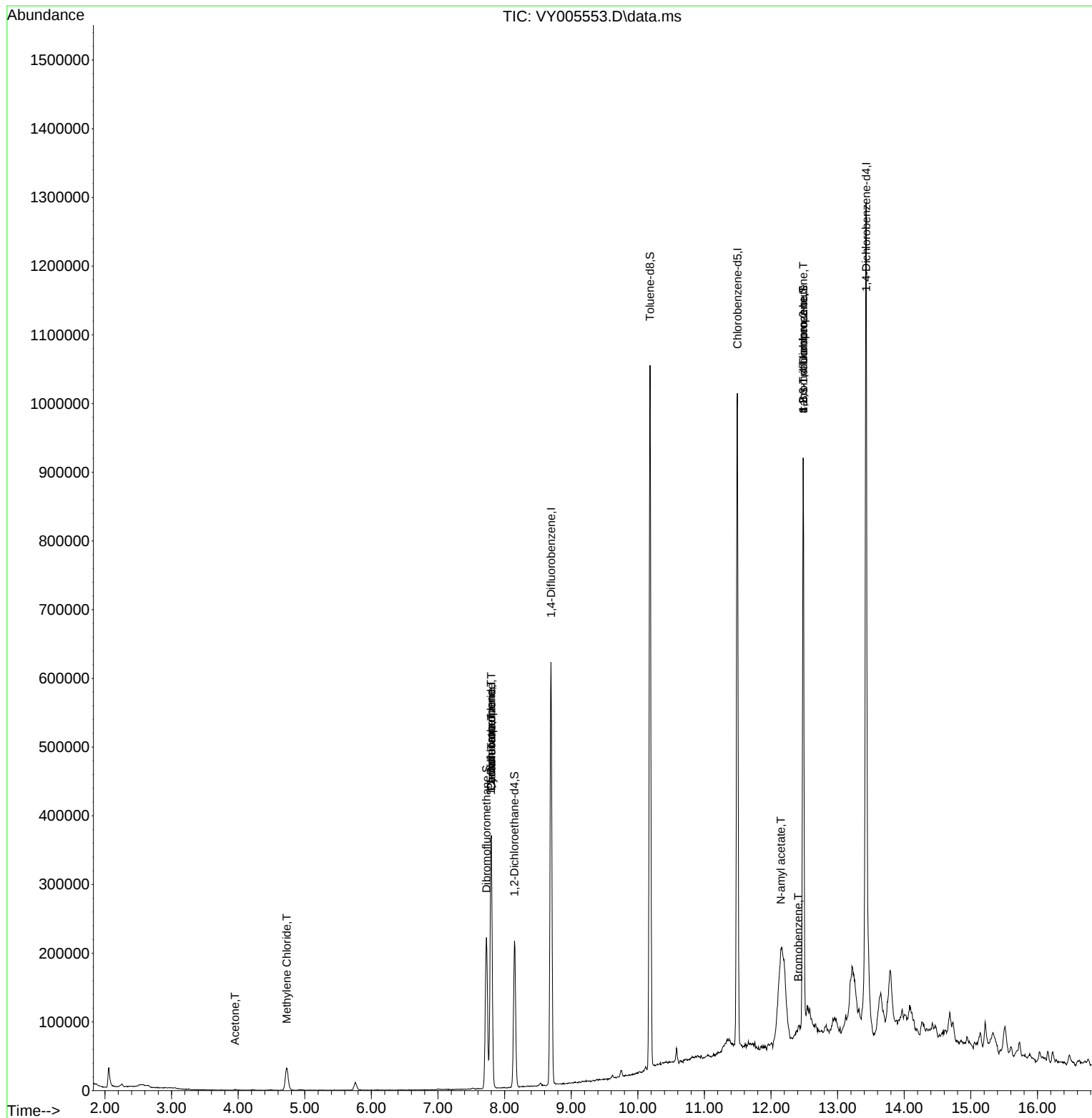
Target Compounds					Qvalue	
16) Acetone	3.954	43	1974	2.565	ug/l #	87
20) Methylene Chloride	4.728	84	25228	2.509	ug/l	93
31) Cyclohexane	7.801	56	5587	1.067	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	21596	4.442	ug/l #	50
38) Carbon Tetrachloride	7.801	117	27465	5.198	ug/l #	17
74) N-amyl acetate	12.148	43	11190	1.995	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	127299	46.016	ug/l #	100
77) Bromobenzene	12.410	156	7722	1.687	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	127299	92.763	ug/l #	11

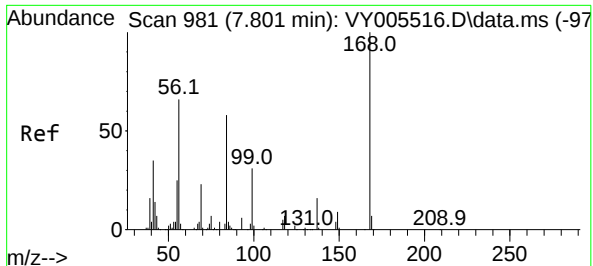
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
Data File : VY005553.D
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Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 06 04:39:27 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

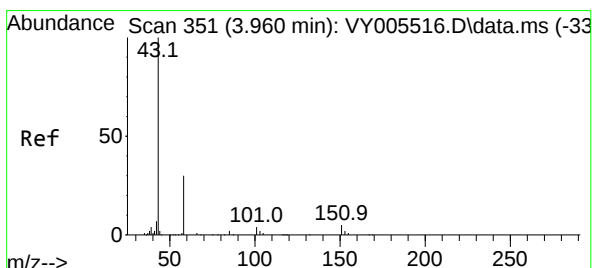
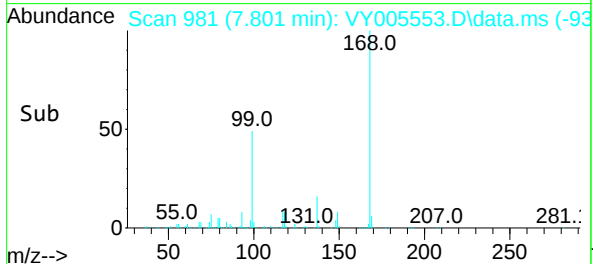
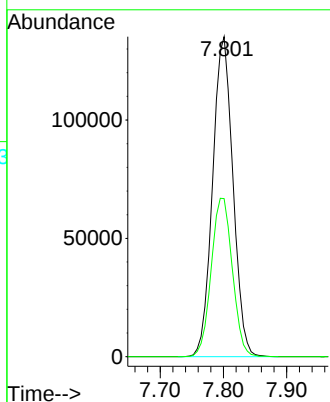
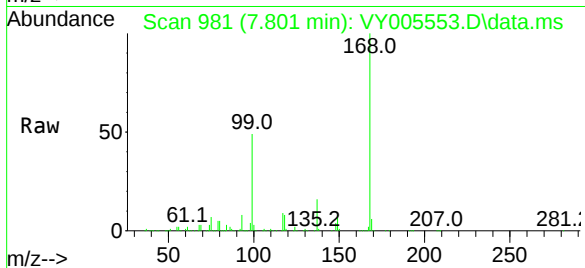




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005553.D
Acq: 05 Aug 2021 14:14

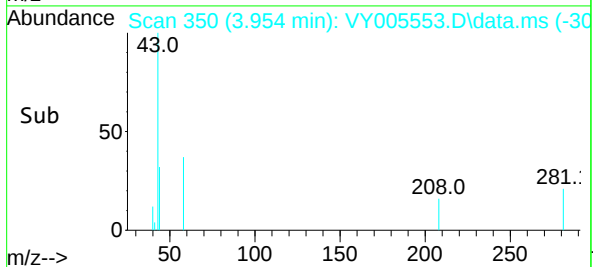
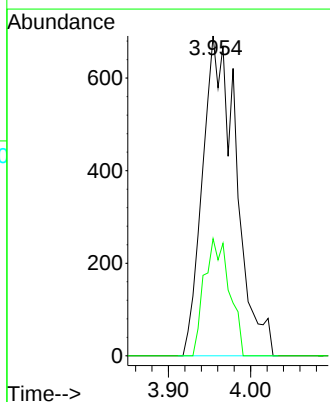
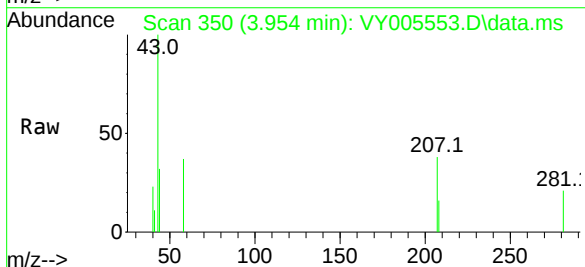
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MSVOA_Y
ClientSampleId :

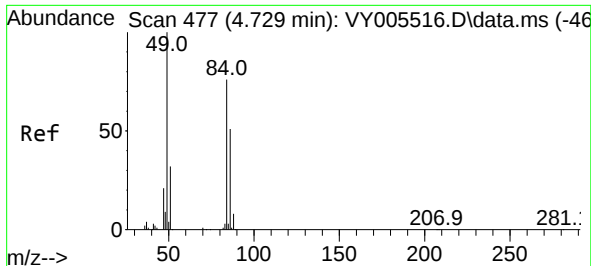
Tgt Ion:168 Resp: 301589
Ion Ratio Lower Upper
168 100
99 49.4 38.9 58.3



#16
Acetone
Concen: 2.565 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005553.D
Acq: 05 Aug 2021 14:14

Tgt Ion: 43 Resp: 1974
Ion Ratio Lower Upper
43 100
58 36.6 23.8 35.6#





#20

Methylene Chloride

Concen: 2.509 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY005553.D

Acq: 05 Aug 2021 14:14

Tgt Ion: 84 Resp: 25228

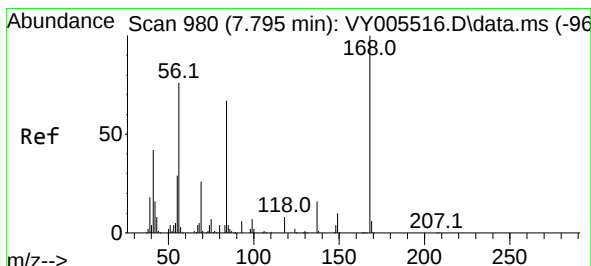
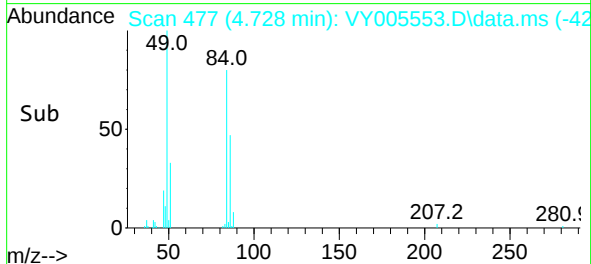
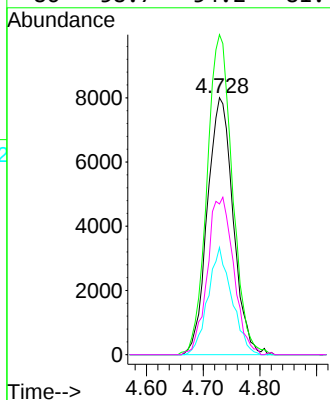
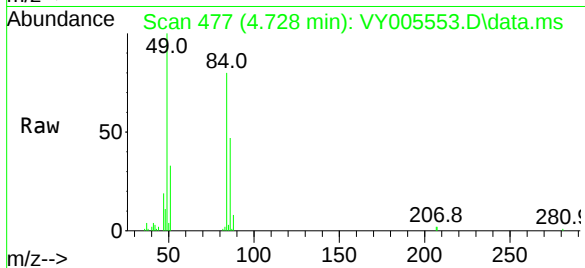
Ion Ratio Lower Upper

84 100

49 124.5 105.8 158.6

51 41.7 33.4 50.2

86 58.7 54.2 81.4



#31

Cyclohexane

Concen: 1.067 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY005553.D

Acq: 05 Aug 2021 14:14

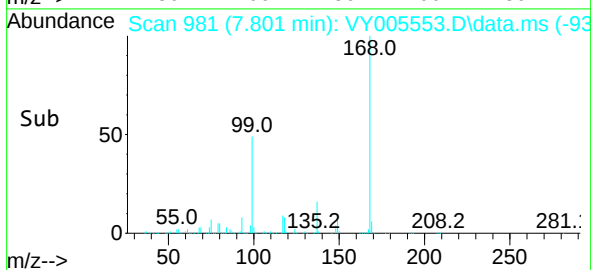
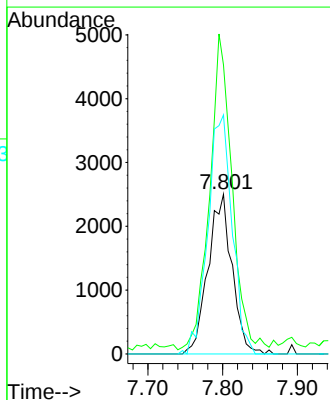
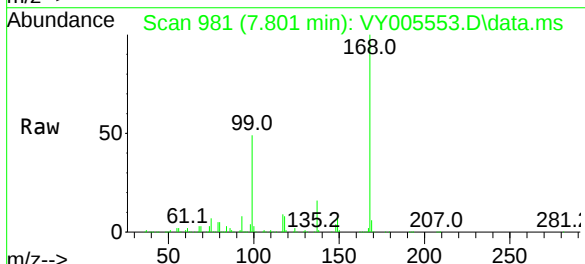
Tgt Ion: 56 Resp: 5587

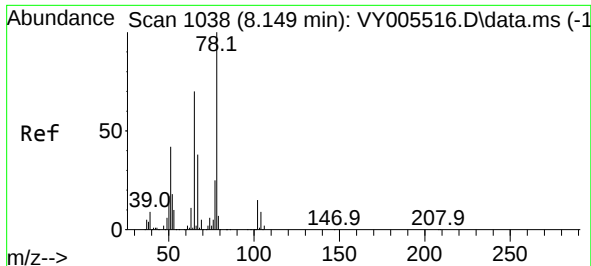
Ion Ratio Lower Upper

56 100

69 178.4 27.7 41.5#

84 149.7 70.9 106.3#

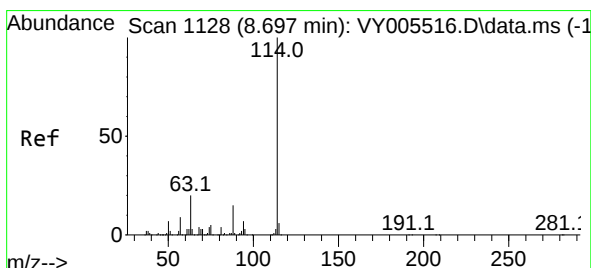
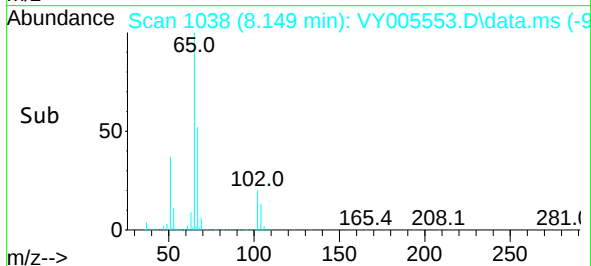
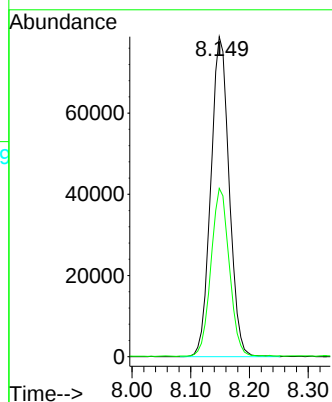
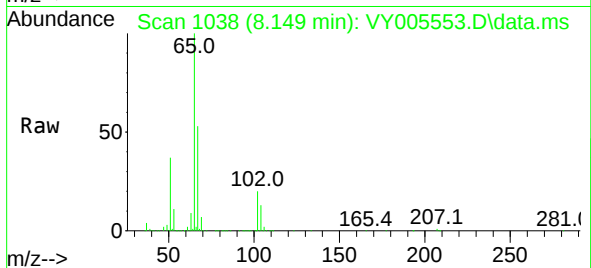




#33
1,2-Dichloroethane-d4
Concen: 56.049 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005553.D
Acq: 05 Aug 2021 14:14

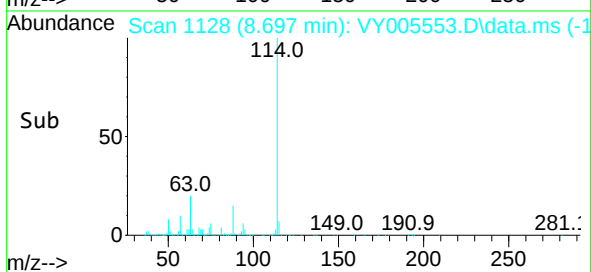
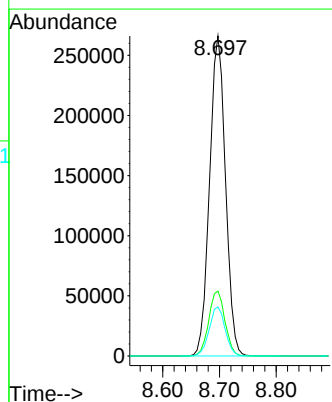
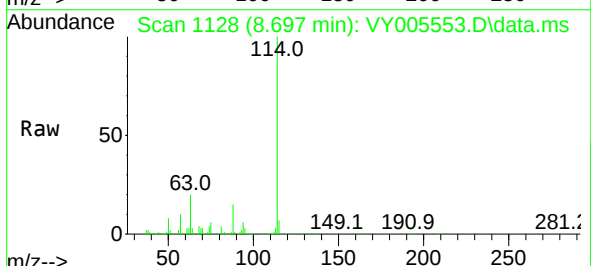
Instrument :
MSVOA_Y
ClientSampleId :

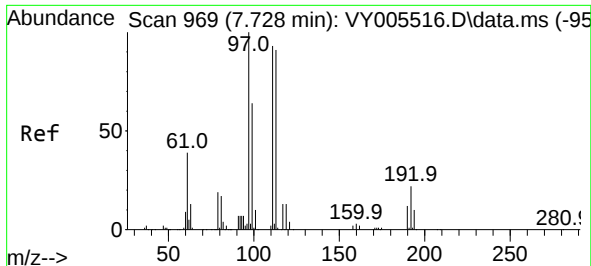
Tgt Ion: 65 Resp: 171107
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005553.D
Acq: 05 Aug 2021 14:14

Tgt Ion:114 Resp: 518311
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 15.3 0.0 30.8

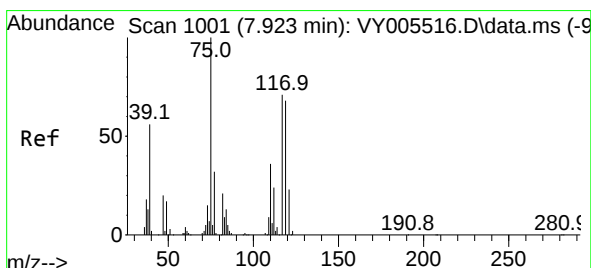
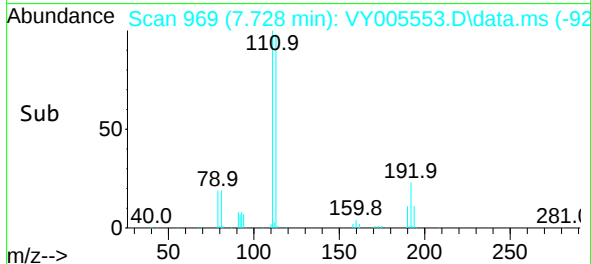
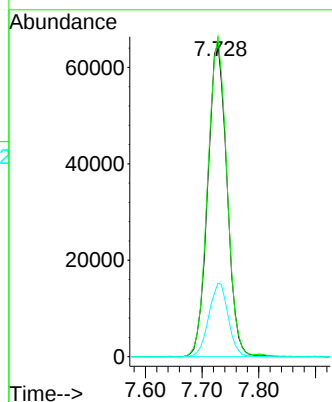
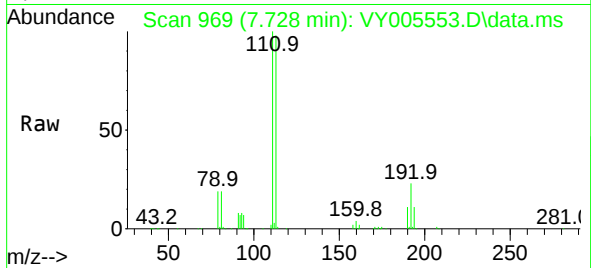




#35
Dibromofluoromethane
Concen: 52.791 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005553.D
Acq: 05 Aug 2021 14:14

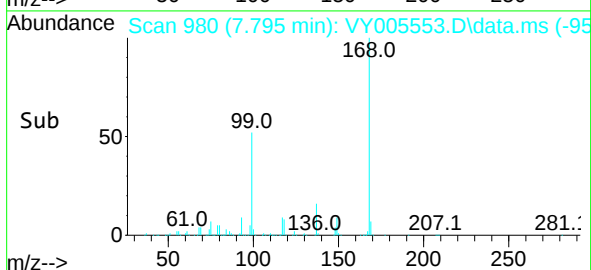
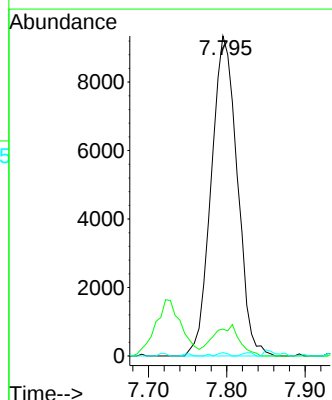
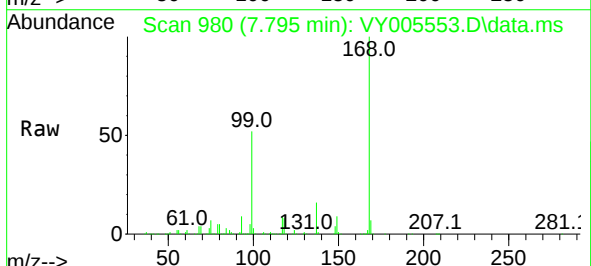
Instrument :
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ClientSampleId :

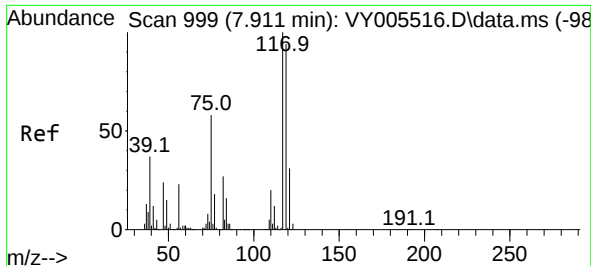
Tgt Ion:113 Resp: 153193
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 23.6 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.442 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005553.D
Acq: 05 Aug 2021 14:14

Tgt Ion: 75 Resp: 21596
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.1#
77 0.5 25.1 37.7#

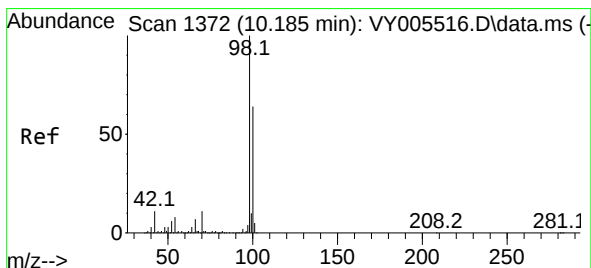
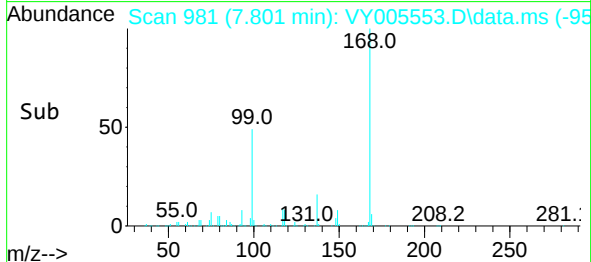
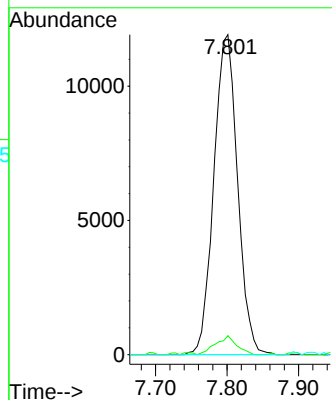
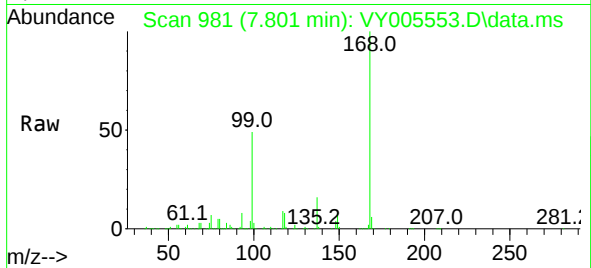




#38
Carbon Tetrachloride
Concen: 5.198 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005553.D
Acq: 05 Aug 2021 14:14

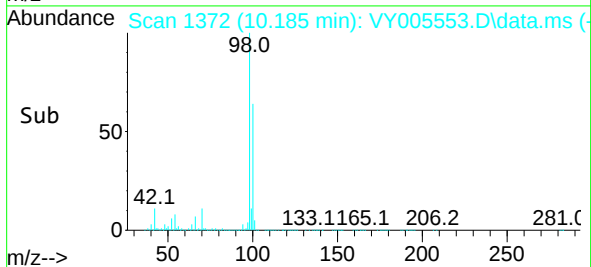
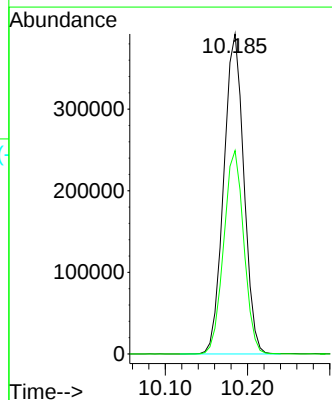
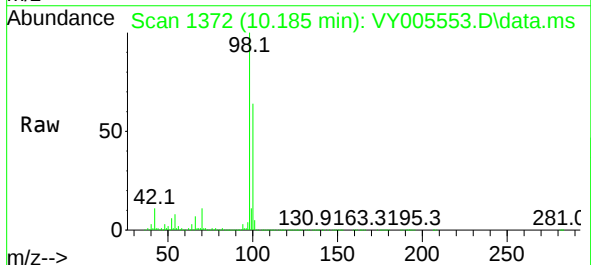
Instrument :
MSVOA_Y
ClientSampleId :

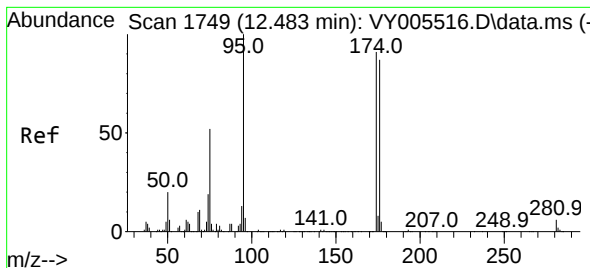
Tgt Ion:117 Resp: 27465
Ion Ratio Lower Upper
117 100
119 6.0 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.701 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005553.D
Acq: 05 Aug 2021 14:14

Tgt Ion: 98 Resp: 665730
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9

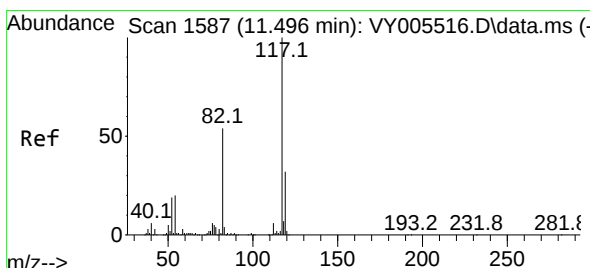
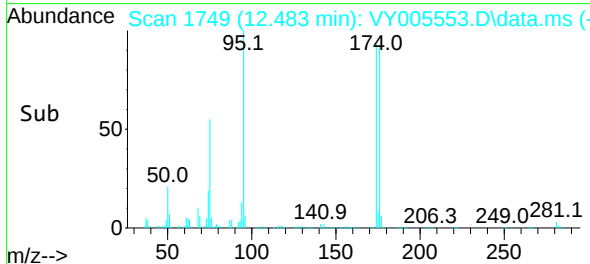
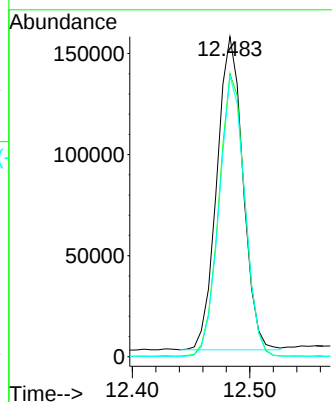
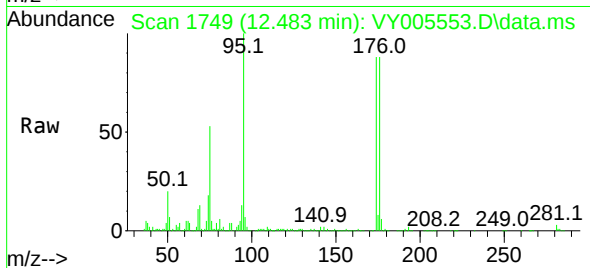




#62
4-Bromofluorobenzene
Concen: 59.319 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005553.D
Acq: 05 Aug 2021 14:14

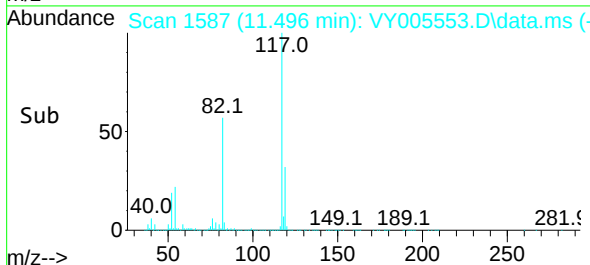
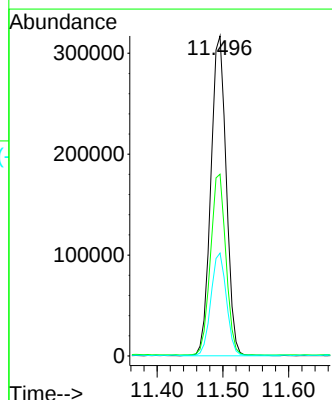
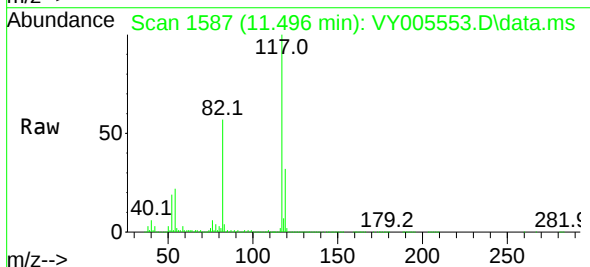
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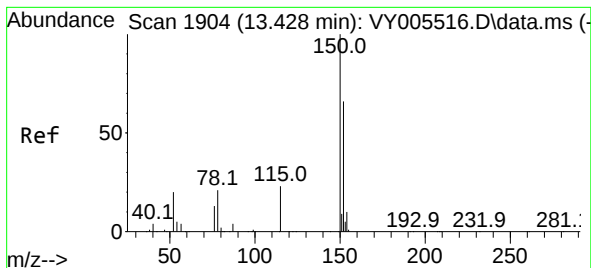
Tgt Ion: 95 Resp: 239069
Ion Ratio Lower Upper
95 100
174 90.2 0.0 191.4
176 88.6 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005553.D
Acq: 05 Aug 2021 14:14

Tgt Ion: 117 Resp: 516748
Ion Ratio Lower Upper
117 100
82 56.5 43.5 65.3
119 32.0 25.5 38.3

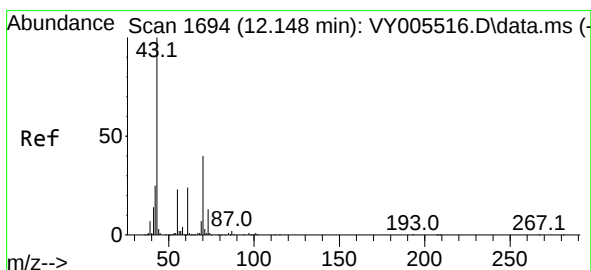
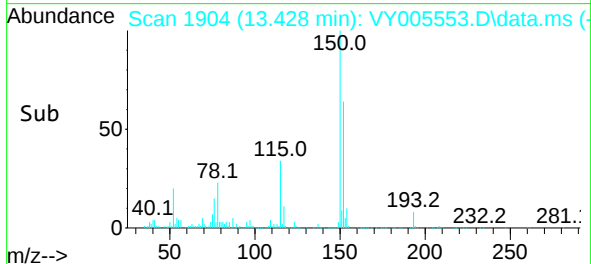
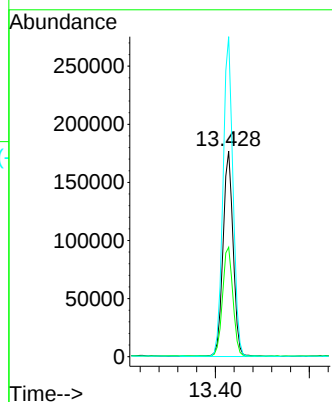
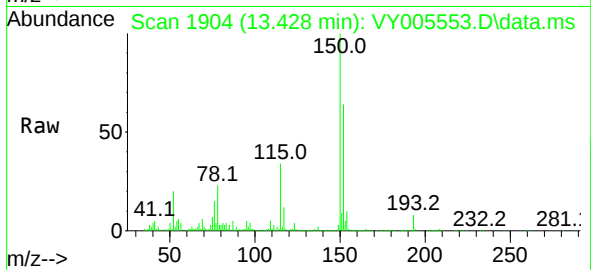




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005553.D
Acq: 05 Aug 2021 14:14

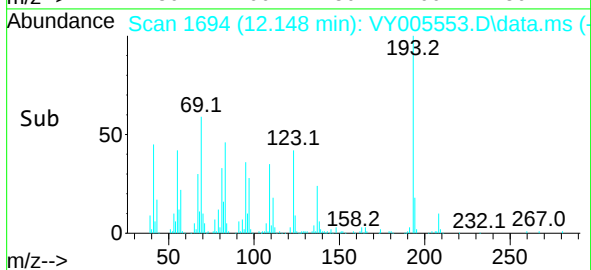
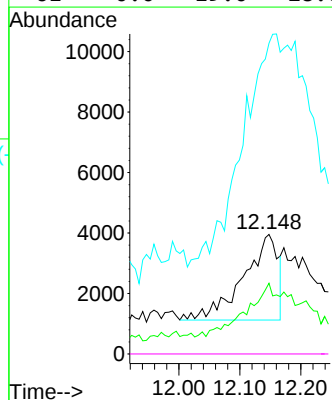
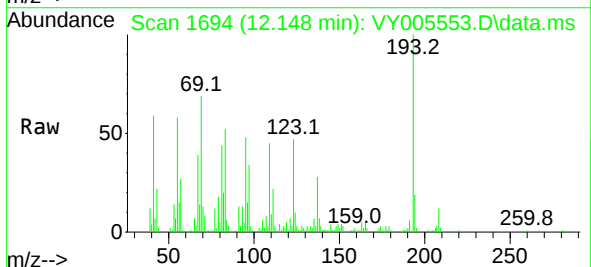
Instrument :
MSVOA_Y
ClientSampleId :

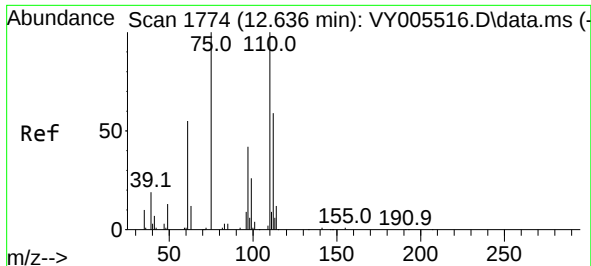
Tgt Ion:152 Resp: 266951
Ion Ratio Lower Upper
152 100
115 53.9 27.3 81.9
150 152.4 0.0 350.2



#74
N-ethyl acetate
Concen: 1.995 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY005553.D
Acq: 05 Aug 2021 14:14

Tgt Ion: 43 Resp: 11190
Ion Ratio Lower Upper
43 100
70 53.1 32.9 49.3#
55 298.4 18.9 28.3#
61 0.0 19.0 28.6#

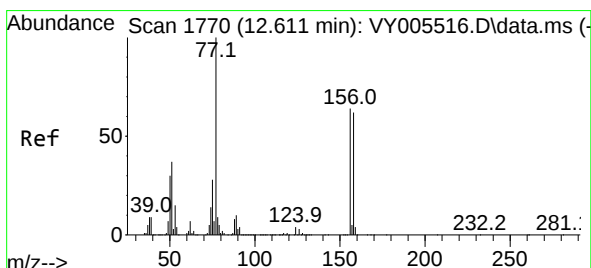
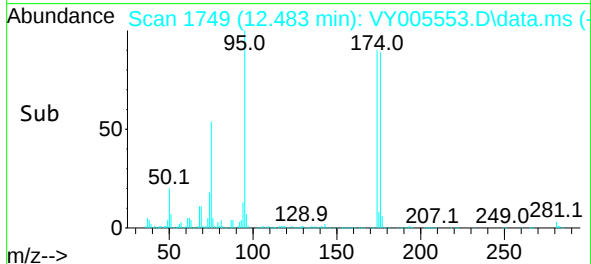
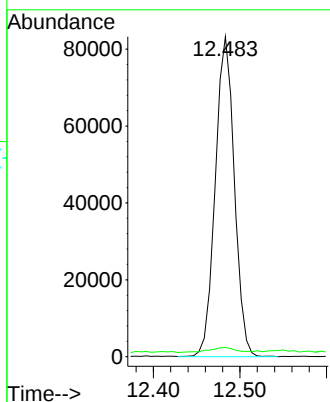
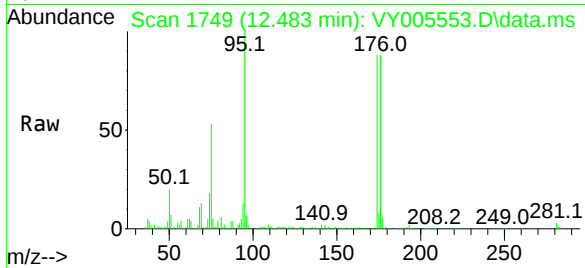




#76
1,2,3-Trichloropropane
Concen: 46.016 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005553.D
Acq: 05 Aug 2021 14:14

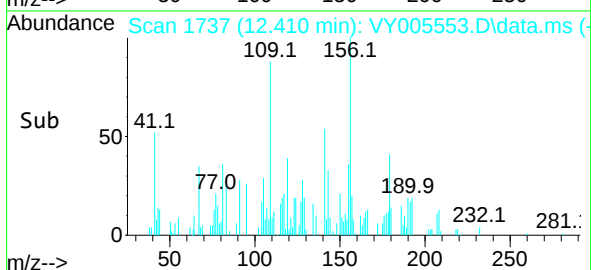
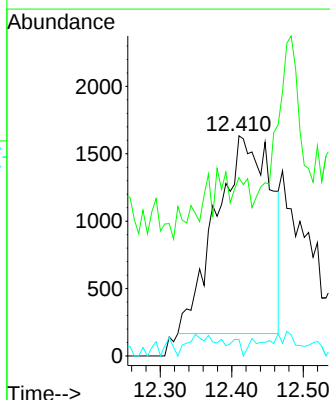
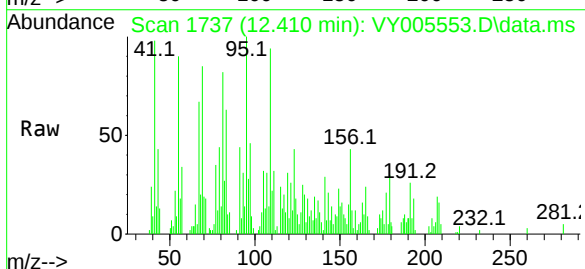
Instrument :
MSVOA_Y
ClientSampled :

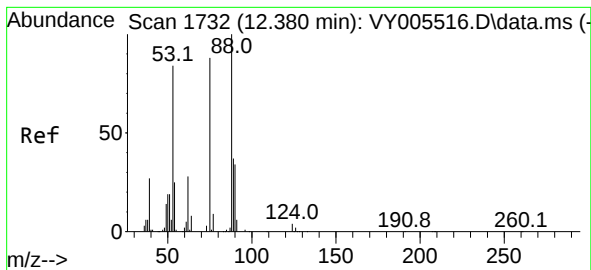
Tgt Ion: 75 Resp: 127299
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#77
Bromobenzene
Concen: 1.687 ug/l
RT: 12.410 min Scan# 1737
Delta R.T. -0.201 min
Lab File: VY005553.D
Acq: 05 Aug 2021 14:14

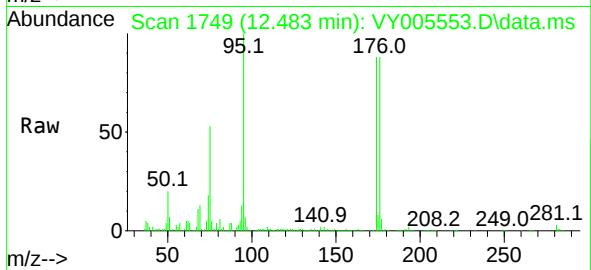
Tgt Ion: 156 Resp: 7722
Ion Ratio Lower Upper
156 100
77 2.9 85.5 256.5#
158 1.8 48.5 145.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.763 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005553.D
 Acq: 05 Aug 2021 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 127299
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.3 38.4 57.6#

