

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062521\
 Data File : VY005229.D
 Acq On : 25 Jun 2021 16:27
 Operator : SY/MD
 Sample : M2852-04
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MANHOLE-WC-D

Quant Time: Jun 26 05:12:50 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	55352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	88787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	76187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	35115	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	27948	60.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.680%
35) Dibromofluoromethane	7.728	113	28183	53.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.640%
50) Toluene-d8	10.185	98	92487	44.167	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.340%
62) 4-Bromofluorobenzene	12.483	95	29966	42.944	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.880%

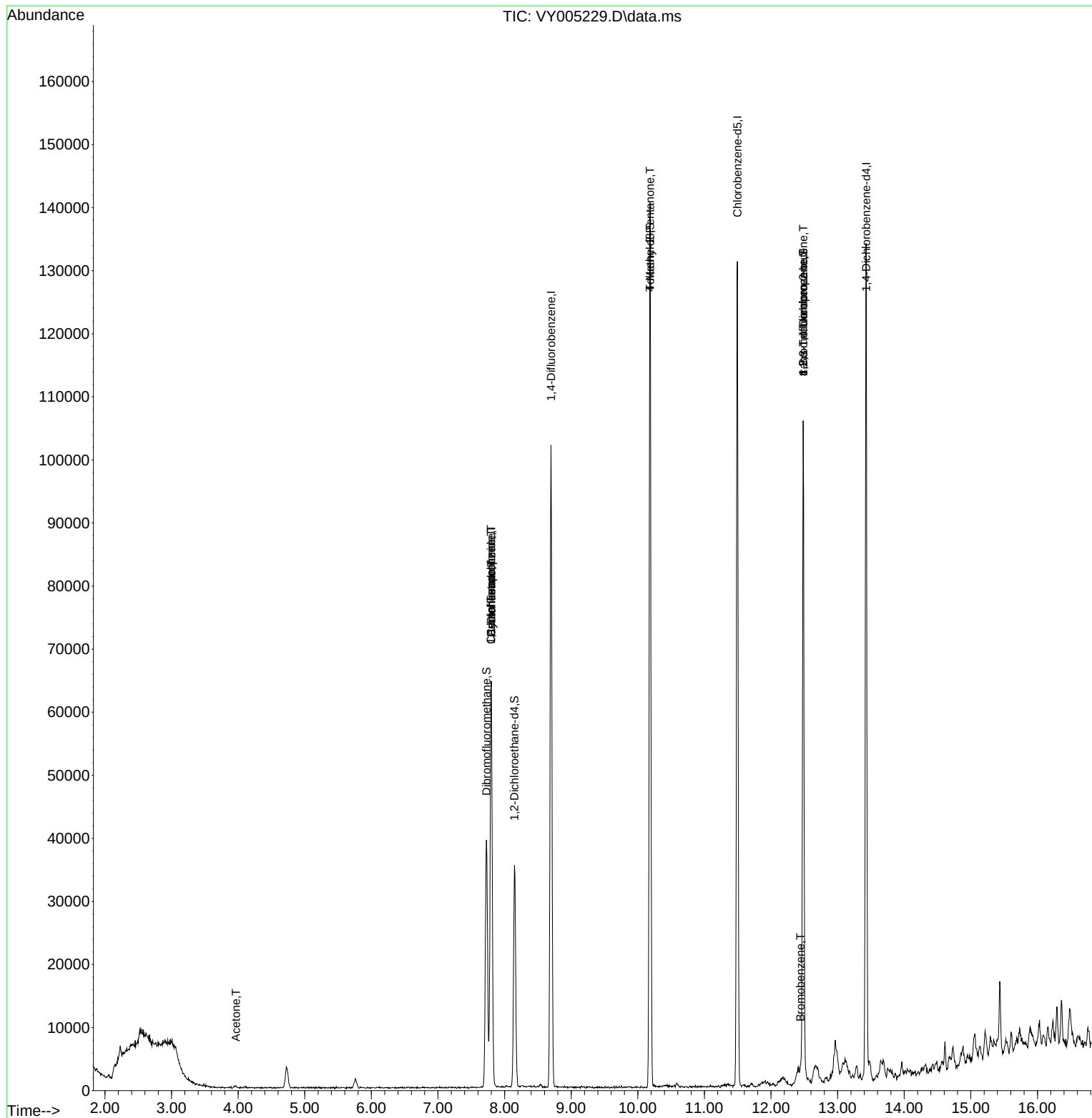
Target Compounds					Qvalue	
16) Acetone	3.966	43	481	4.533	ug/l #	83
20) Methylene Chloride	4.722	84	2531	Below Cal		98
31) Cyclohexane	7.801	56	858	1.046	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	3616	4.625	ug/l #	47
38) Carbon Tetrachloride	7.795	117	4739	5.790	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	501	1.292	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	14917	47.898	ug/l #	100
77) Bromobenzene	12.440	156	4220	6.983	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	14917	89.367	ug/l #	17

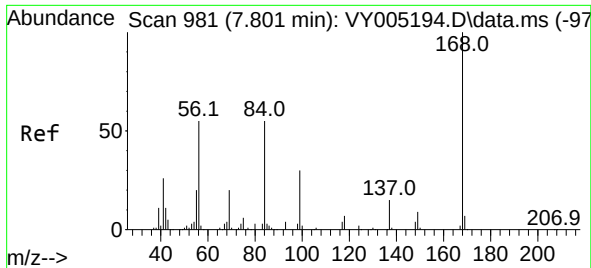
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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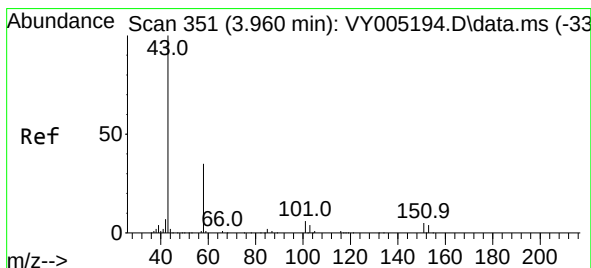
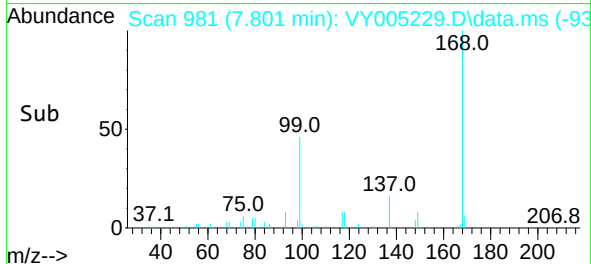
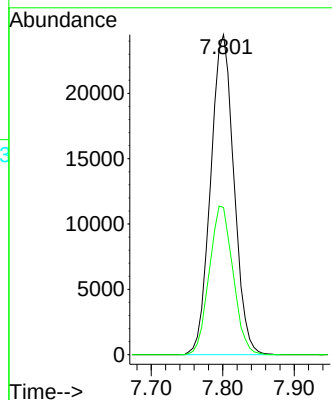
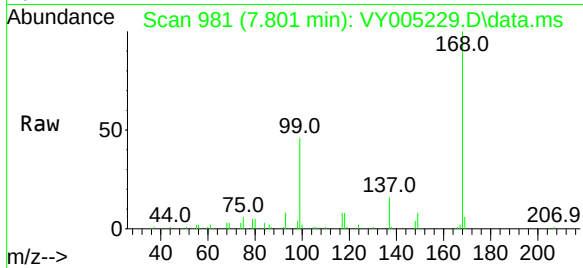




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005229.D
Acq: 25 Jun 2021 16:27

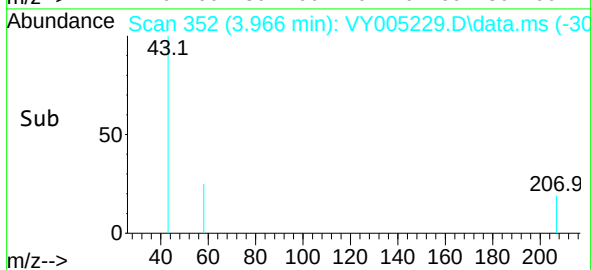
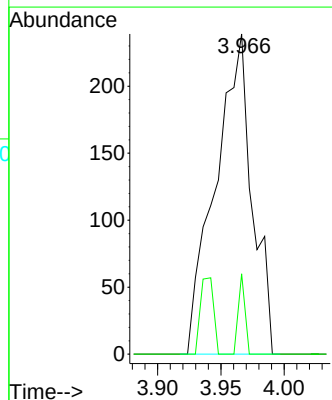
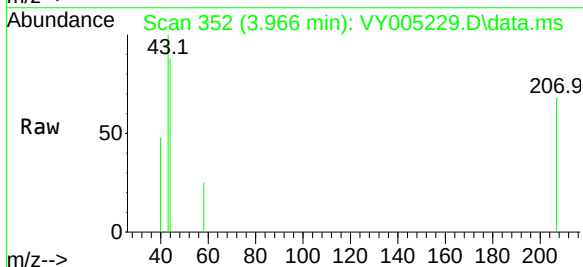
Instrument :
MSVOA_Y
ClientSampleId :
MANHOLE-WC-D

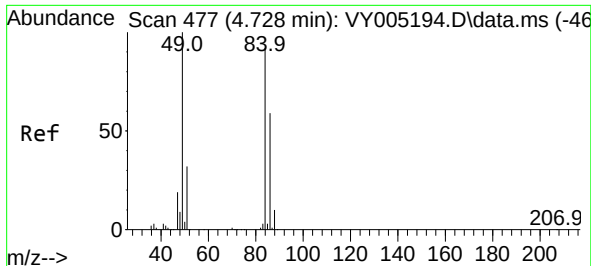
Tgt Ion:168 Resp: 55352
Ion Ratio Lower Upper
168 100
99 46.0 36.2 54.4



#16
Acetone
Concen: 4.533 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005229.D
Acq: 25 Jun 2021 16:27

Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
58 25.1 28.2 42.2#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY005229.D

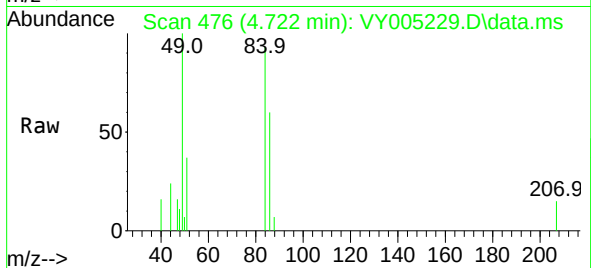
Acq: 25 Jun 2021 16:27

Instrument :

MSVOA_Y

ClientSampleId :

MANHOLE-WC-D



Tgt Ion: 84 Resp: 2531

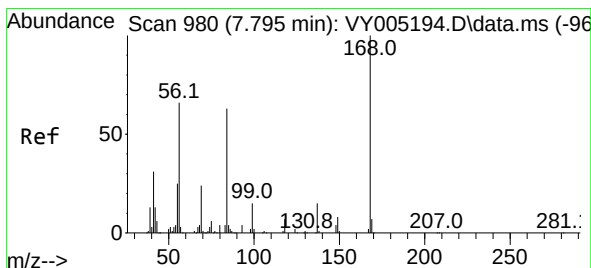
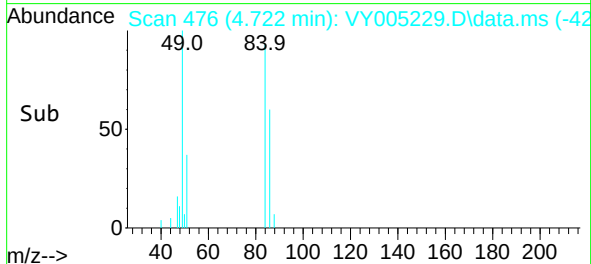
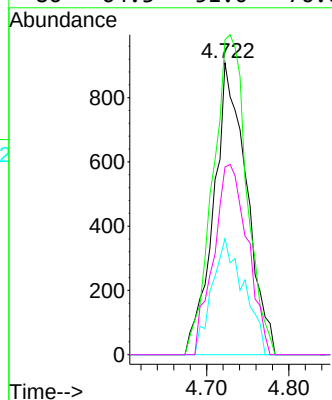
Ion Ratio Lower Upper

84 100

49 107.9 86.9 130.3

51 39.8 27.4 41.2

86 64.3 51.0 76.6



#31

Cyclohexane

Concen: 1.046 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY005229.D

Acq: 25 Jun 2021 16:27

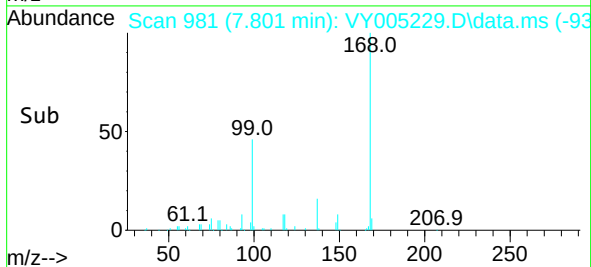
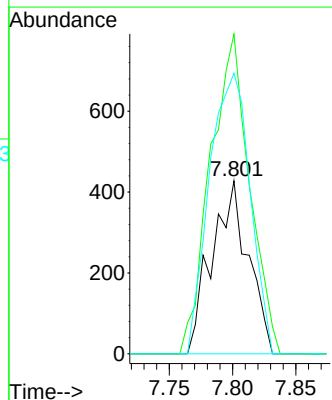
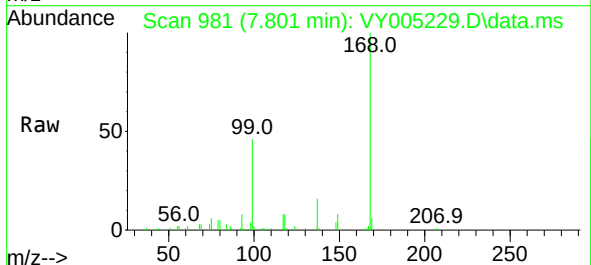
Tgt Ion: 56 Resp: 858

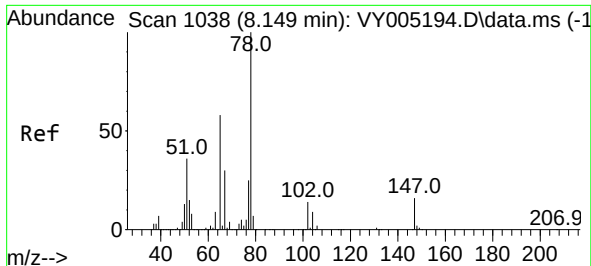
Ion Ratio Lower Upper

56 100

69 184.8 29.6 44.4#

84 162.1 76.4 114.6#

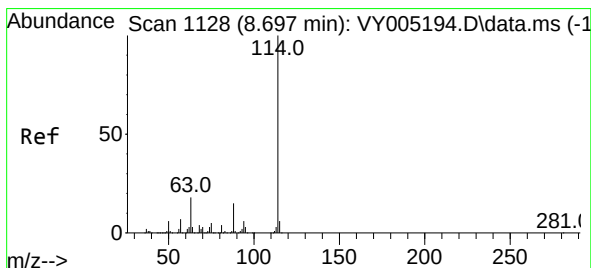
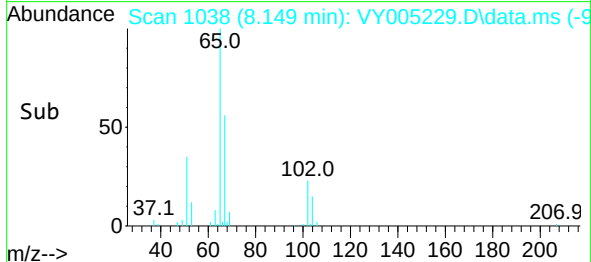
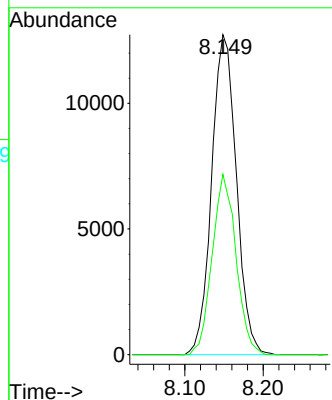
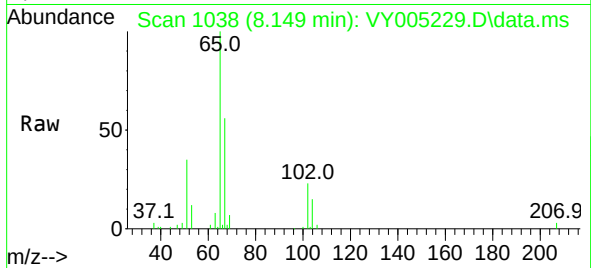




#33
1,2-Dichloroethane-d4
Concen: 60.844 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005229.D
Acq: 25 Jun 2021 16:27

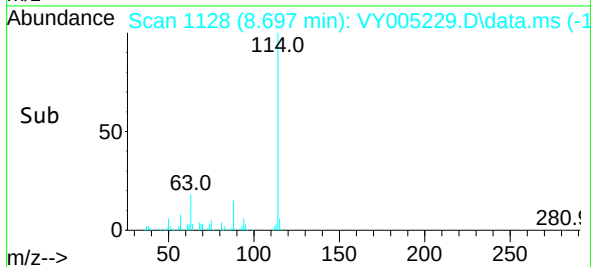
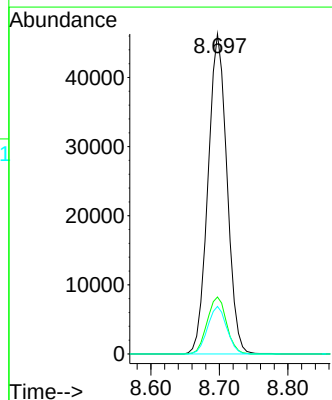
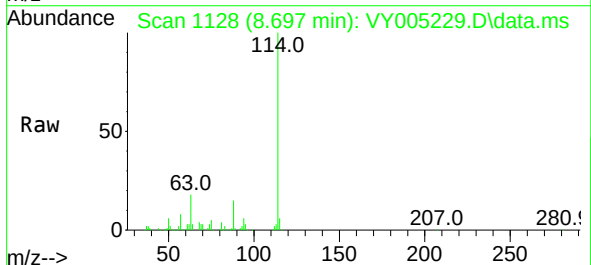
Instrument :
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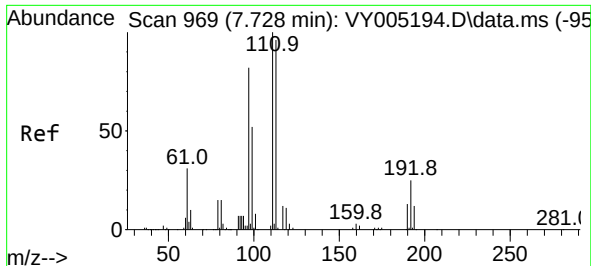
Tgt Ion: 65 Resp: 27948
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005229.D
Acq: 25 Jun 2021 16:27

Tgt Ion: 114 Resp: 88787
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.2
88 14.9 0.0 29.4

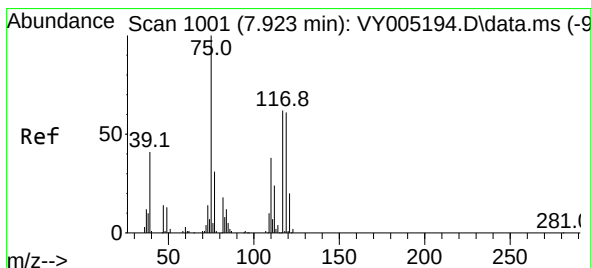
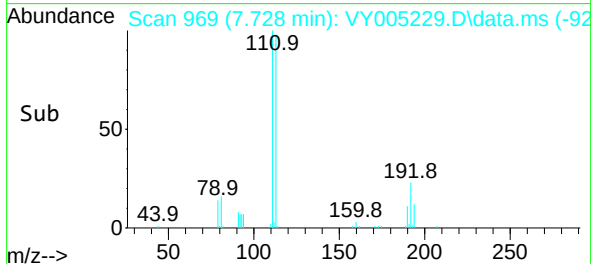
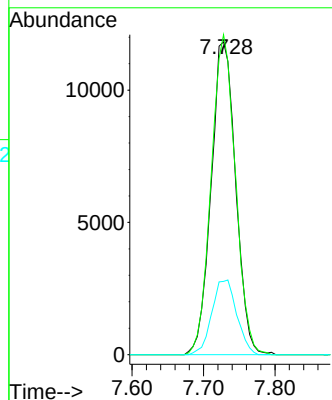
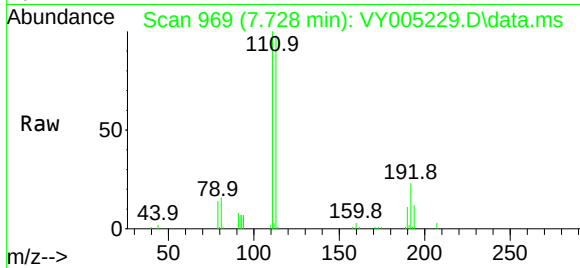




#35
Dibromofluoromethane
Concen: 53.823 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005229.D
Acq: 25 Jun 2021 16:27

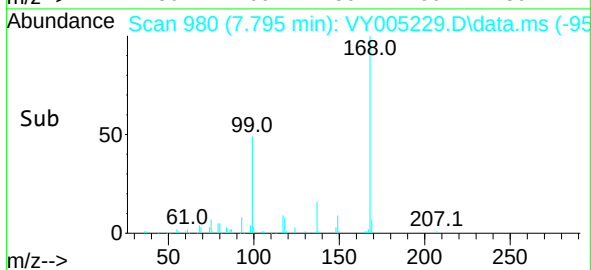
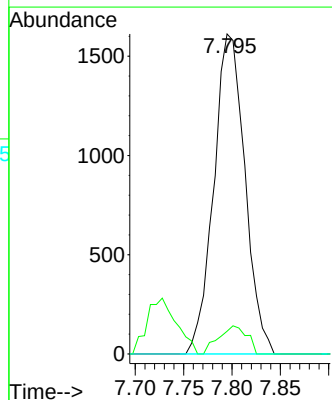
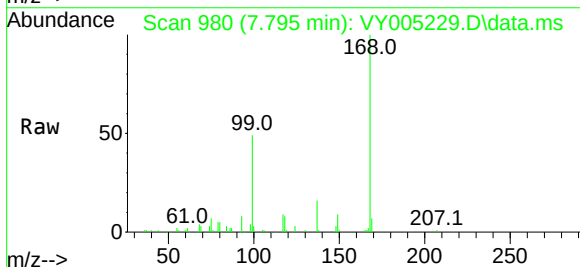
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MANHOLE-WC-D

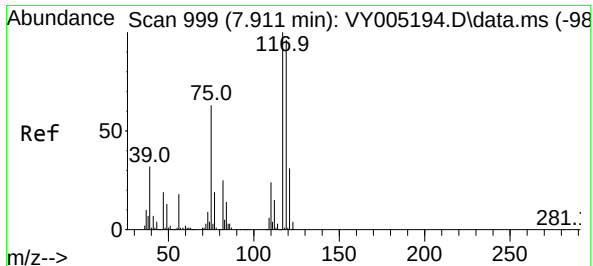
Tgt Ion:113 Resp: 28183
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 24.3 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.625 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005229.D
Acq: 25 Jun 2021 16:27

Tgt Ion: 75 Resp: 3616
Ion Ratio Lower Upper
75 100
110 8.0 19.1 57.5#
77 0.0 25.2 37.8#

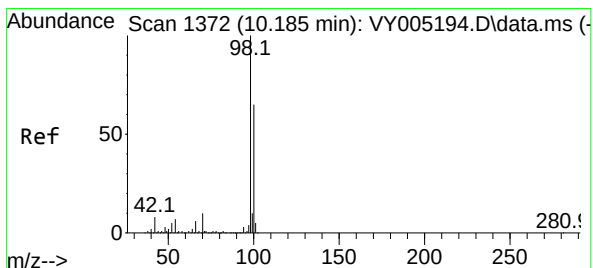
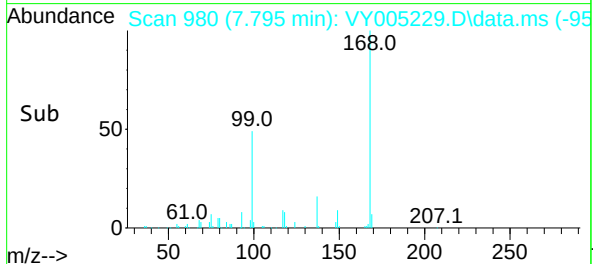
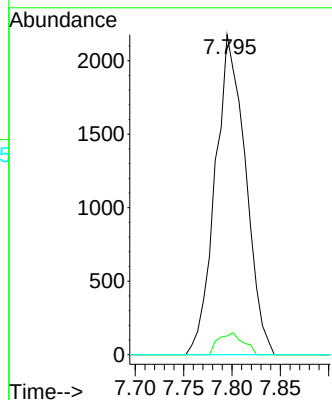
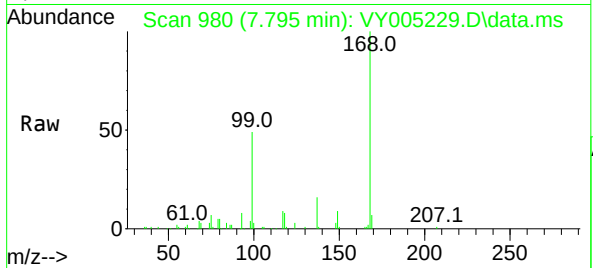




#38
Carbon Tetrachloride
Concen: 5.790 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005229.D
Acq: 25 Jun 2021 16:27

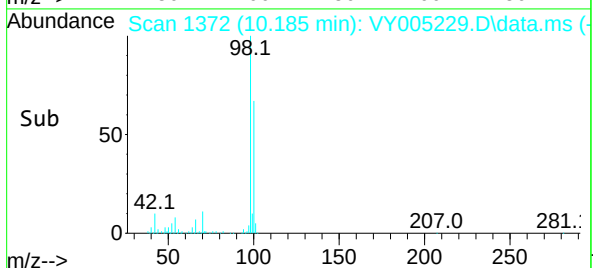
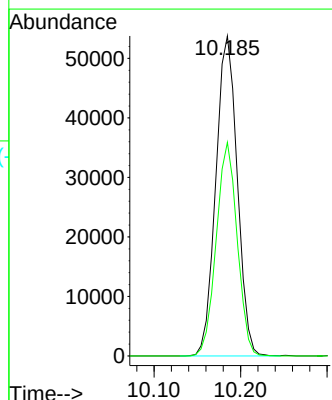
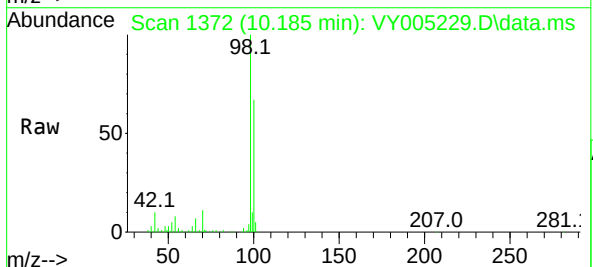
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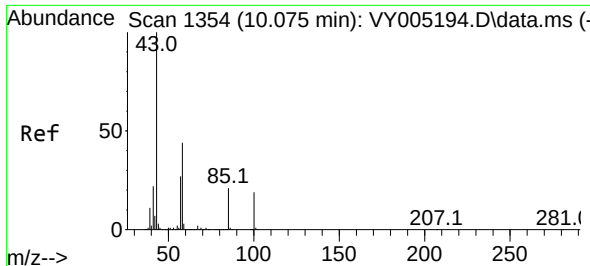
Tgt Ion:117 Resp: 4739
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 44.167 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005229.D
Acq: 25 Jun 2021 16:27

Tgt Ion: 98 Resp: 92487
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

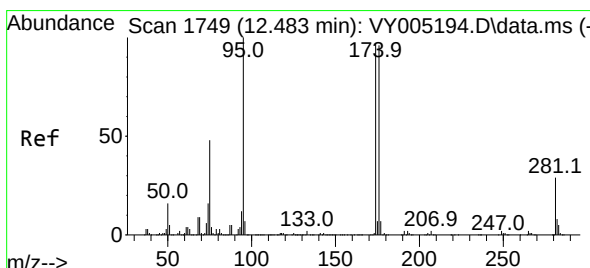
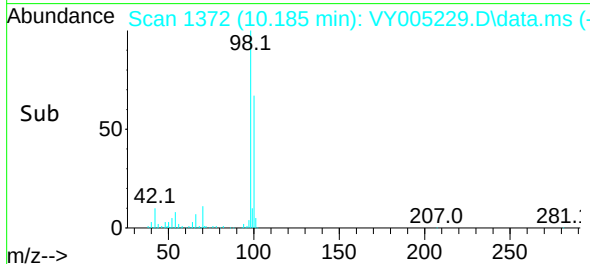
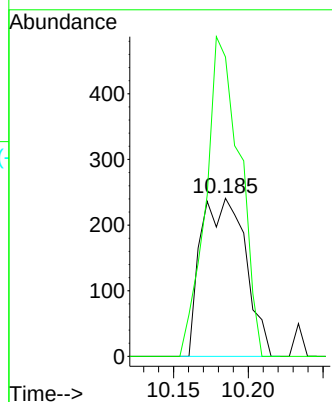
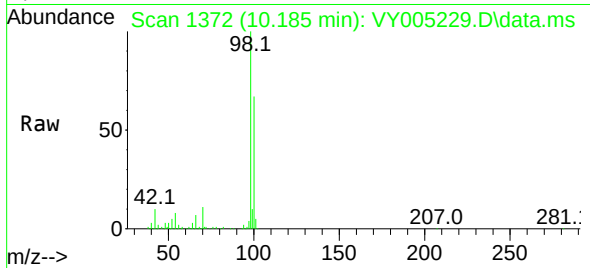




#51
4-Methyl-2-Pentanone
Concen: 1.292 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005229.D
Acq: 25 Jun 2021 16:27

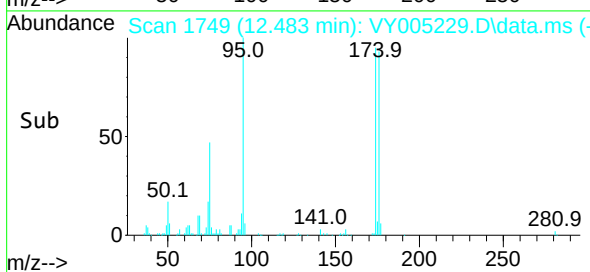
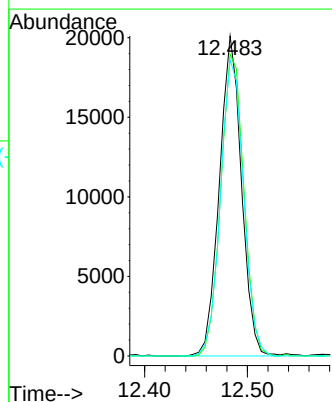
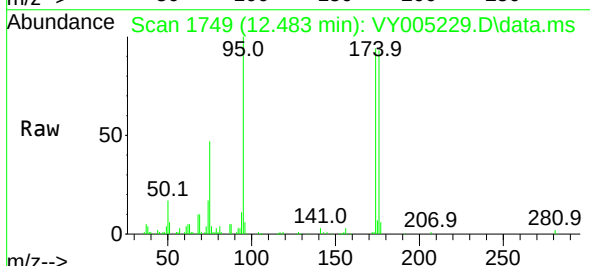
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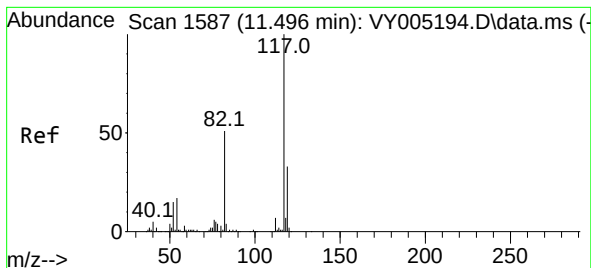
Tgt Ion: 43 Resp: 501
Ion Ratio Lower Upper
43 100
58 154.1 35.3 52.9#



#62
4-Bromofluorobenzene
Concen: 42.944 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005229.D
Acq: 25 Jun 2021 16:27

Tgt Ion: 95 Resp: 29966
Ion Ratio Lower Upper
95 100
174 98.3 0.0 201.6
176 96.6 0.0 197.4

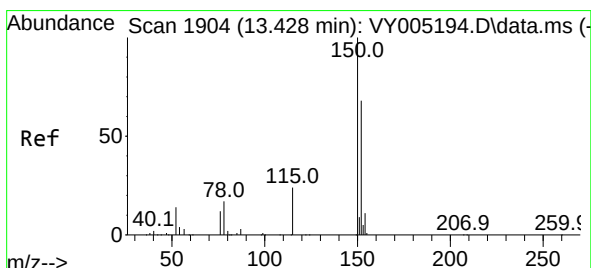
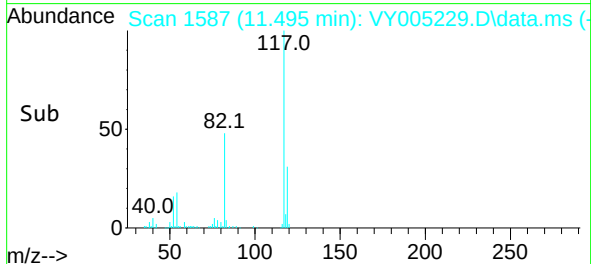
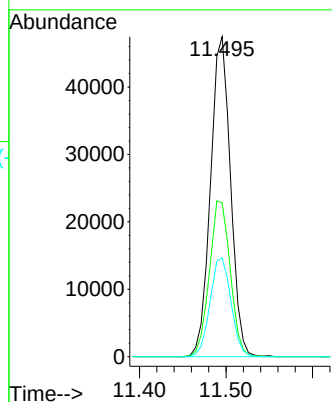
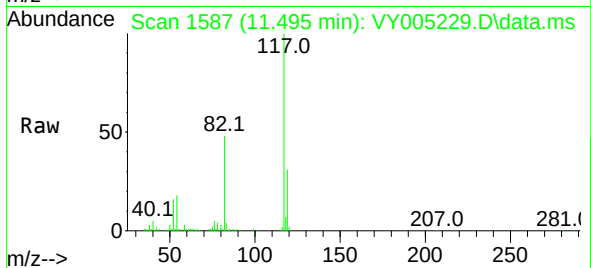




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005229.D
Acq: 25 Jun 2021 16:27

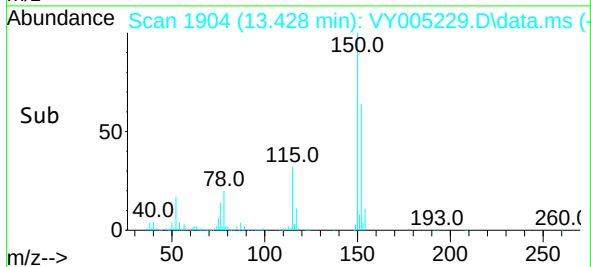
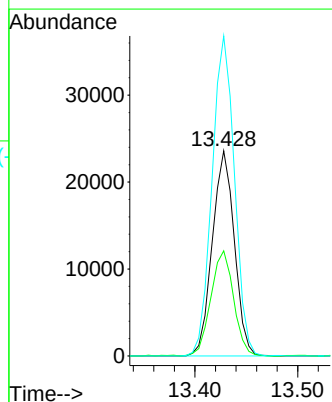
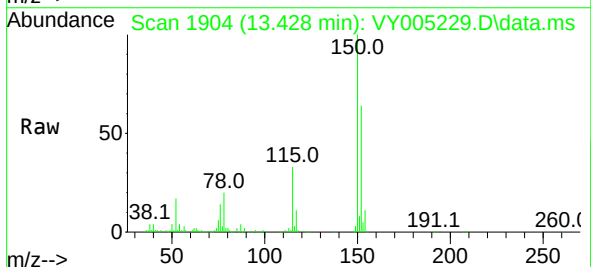
Instrument :
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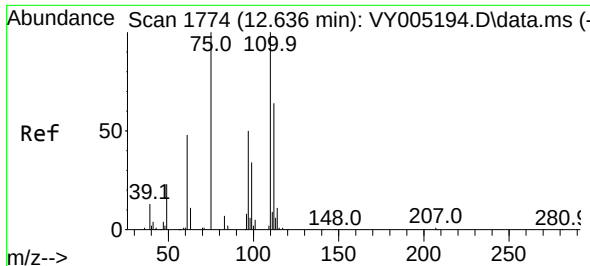
Tgt Ion:117 Resp: 76187
Ion Ratio Lower Upper
117 100
82 48.1 40.6 60.8
119 30.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005229.D
Acq: 25 Jun 2021 16:27

Tgt Ion:152 Resp: 35115
Ion Ratio Lower Upper
152 100
115 52.9 26.3 78.8
150 158.7 0.0 344.2

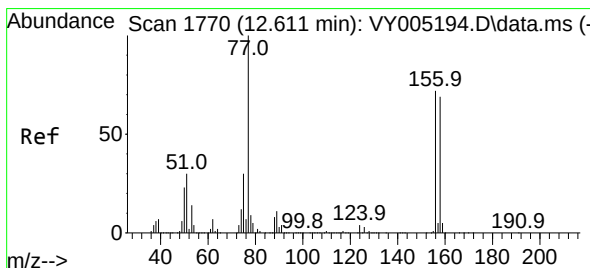
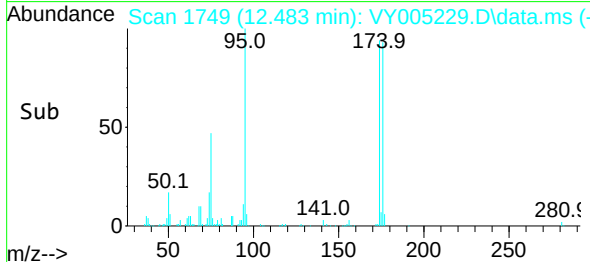
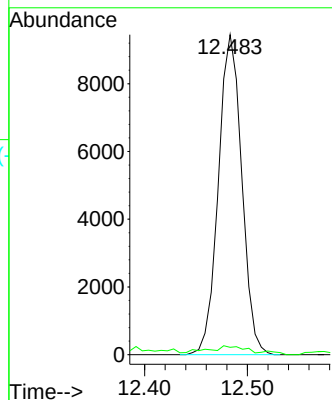
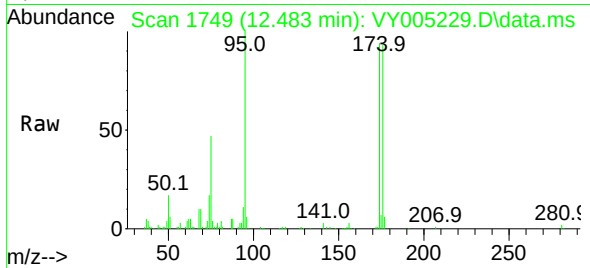




#76
1,2,3-Trichloropropane
Concen: 47.898 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005229.D
Acq: 25 Jun 2021 16:27

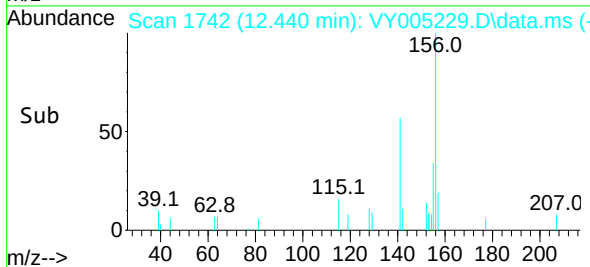
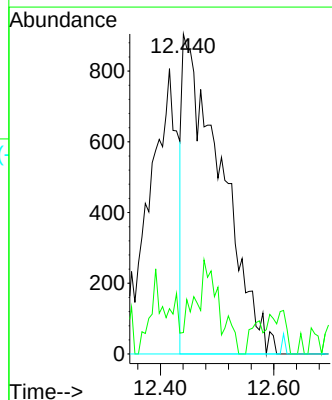
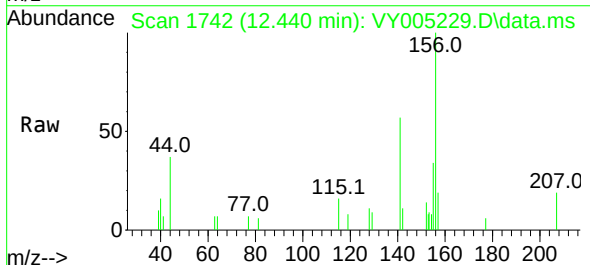
Instrument :
MSVOA_Y
ClientSampleId :
MANHOLE-WC-D

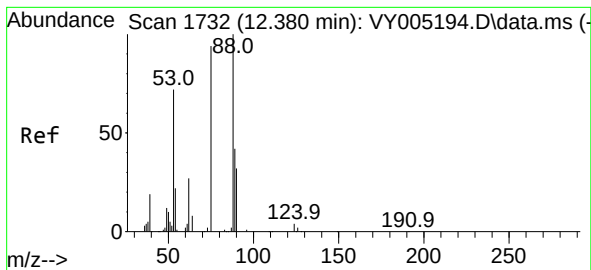
Tgt Ion: 75 Resp: 14917
Ion Ratio Lower Upper
75 100
77 4.7 0.0 0.0#



#77
Bromobenzene
Concen: 6.983 ug/l
RT: 12.440 min Scan# 1742
Delta R.T. -0.171 min
Lab File: VY005229.D
Acq: 25 Jun 2021 16:27

Tgt Ion: 156 Resp: 4220
Ion Ratio Lower Upper
156 100
77 0.0 78.5 235.7#
158 0.0 48.2 144.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.367 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005229.D
 Acq: 25 Jun 2021 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 MANHOLE-WC-D

Tgt Ion: 75 Resp: 14917
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 38.0 57.0#

