

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005258.D
 Acq On : 28 Jun 2021 18:42
 Operator : SY/MD
 Sample : M2852-04
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MANHOLE-WC-D

Quant Time: Jun 29 01:19:38 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	204712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	320074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	309850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157769	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	111002	65.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.680%	
35) Dibromofluoromethane	7.728	113	98536	52.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.400%	
50) Toluene-d8	10.185	98	392753	52.028	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.060%	
62) 4-Bromofluorobenzene	12.483	95	127571	50.714	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.420%	

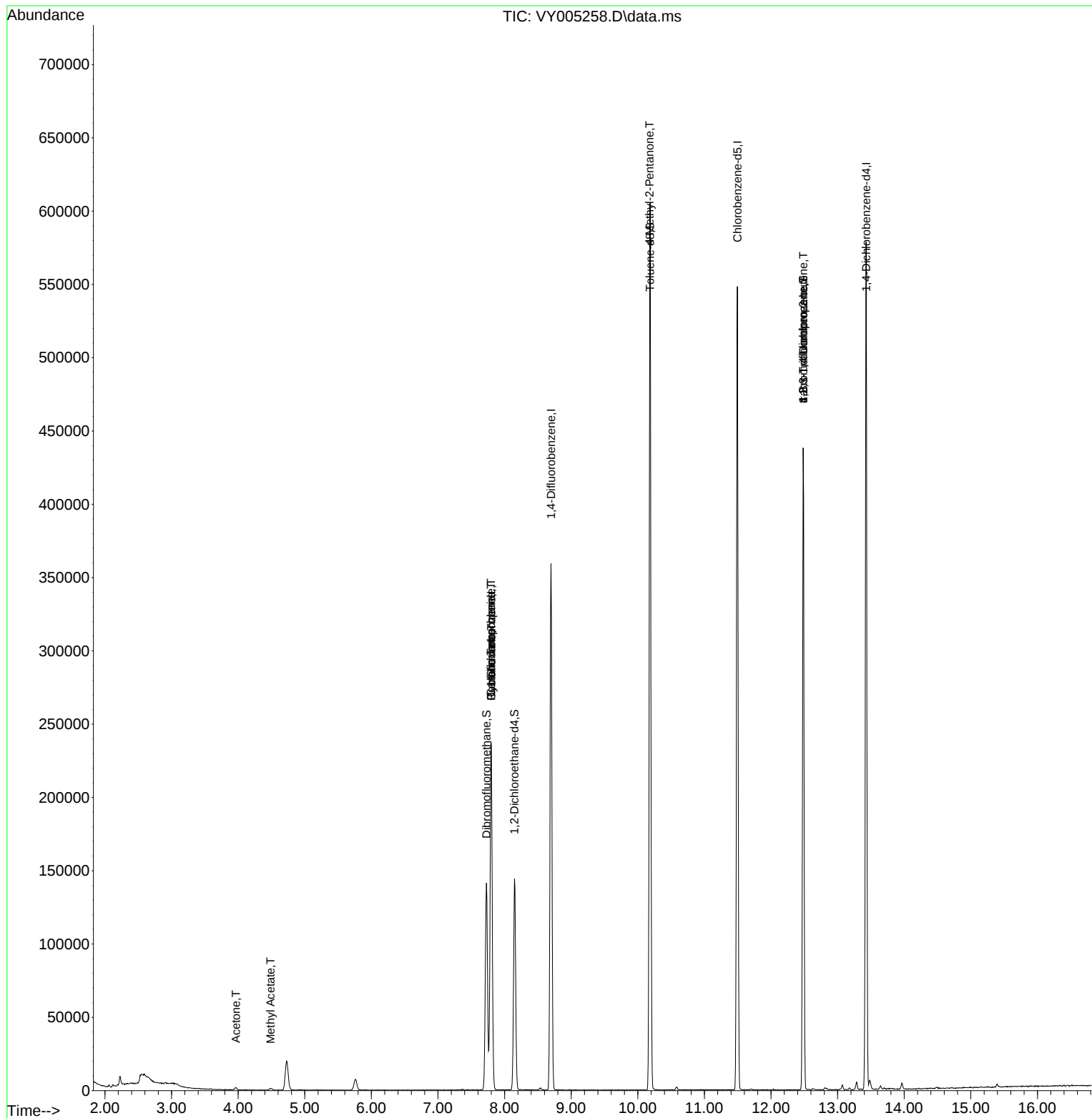
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.929	59	128	Below Cal	#	77
16) Acetone	3.966	43	2561	6.526	ug/l	94
18) Methyl Acetate	4.484	43	2208	2.117	ug/l	# 86
20) Methylene Chloride	4.728	84	15862	Below Cal		95
31) Cyclohexane	7.801	56	3426	1.130	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	12934	4.589	ug/l	# 48
38) Carbon Tetrachloride	7.795	117	16704	5.662	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.178	43	1461	1.045	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	62970	45.003	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	62970	83.966	ug/l	# 17

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

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MSVOA_Y
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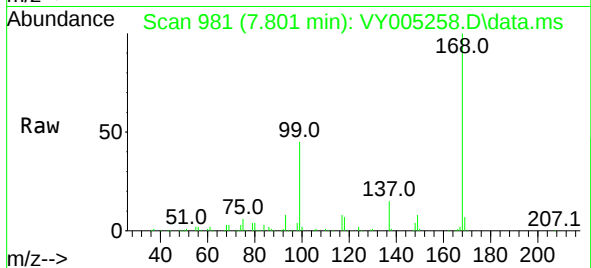
Quant Time: Jun 29 01:19:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
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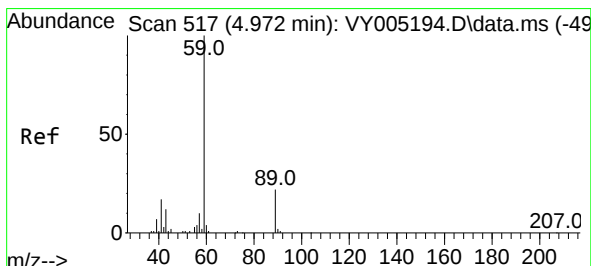
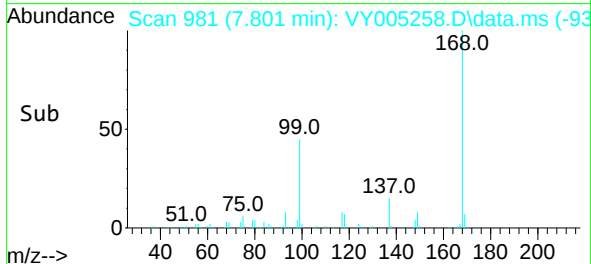
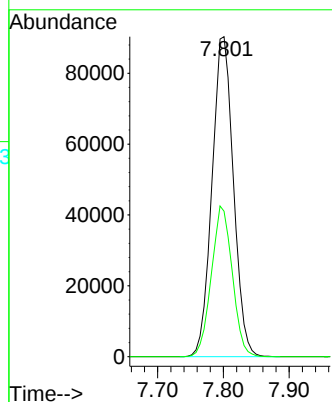


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005258.D
Acq: 28 Jun 2021 18:42

Instrument :
MSVOA_Y
ClientSampleId :
MANHOLE-WC-D

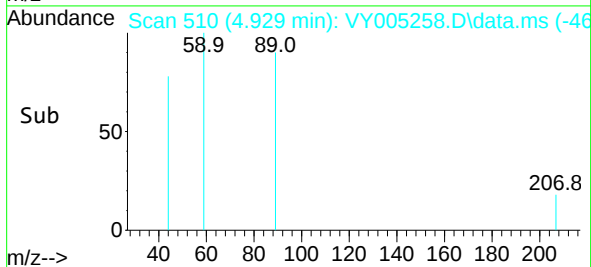
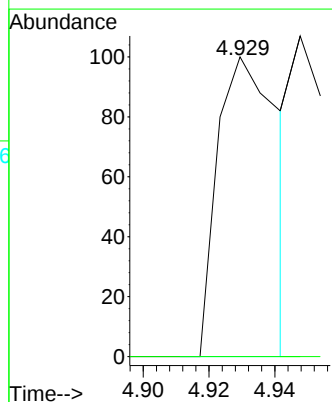
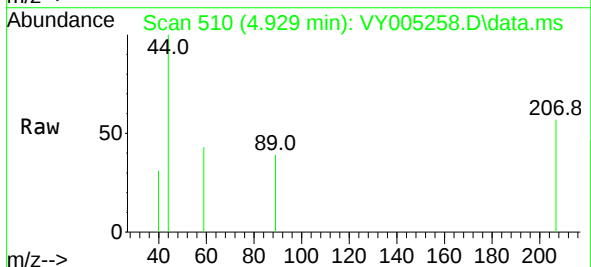


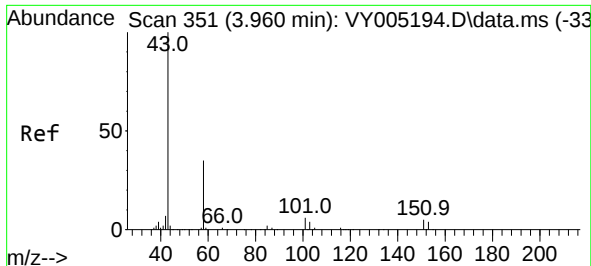
Tgt Ion:168 Resp: 204712
Ion Ratio Lower Upper
168 100
99 45.4 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.929 min Scan# 510
Delta R.T. -0.043 min
Lab File: VY005258.D
Acq: 28 Jun 2021 18:42

Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

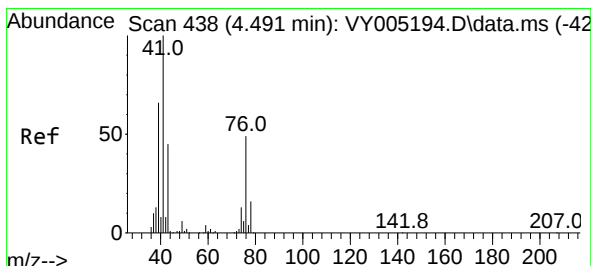
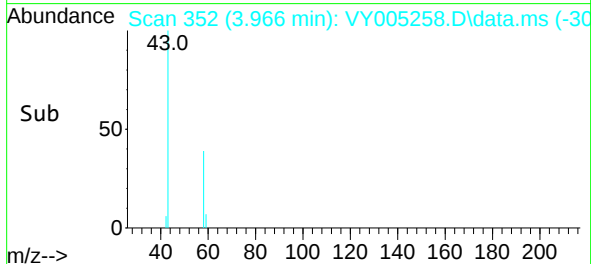
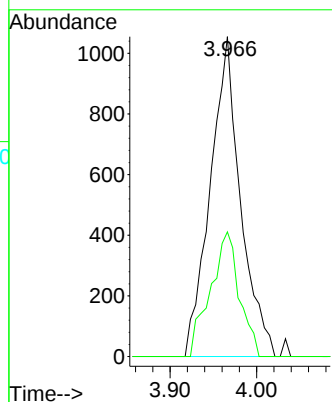
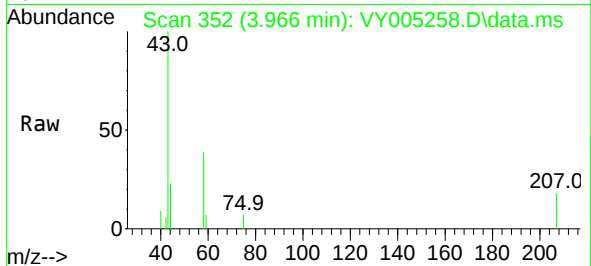




#16
Acetone
Concen: 6.526 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005258.D
Acq: 28 Jun 2021 18:42

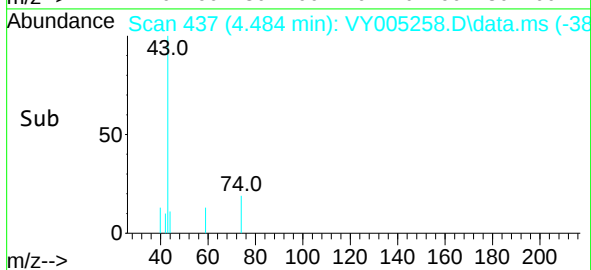
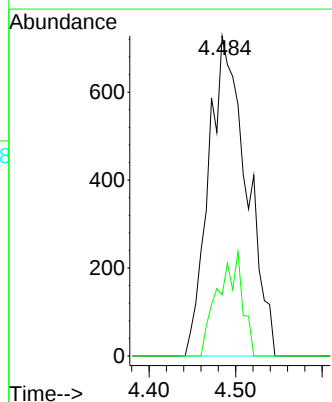
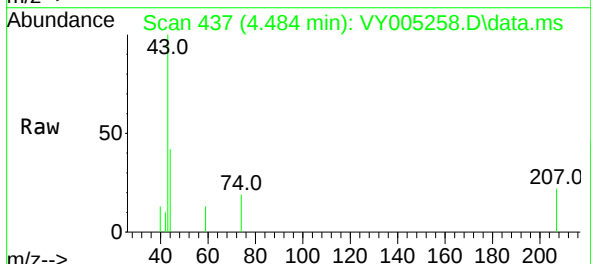
Instrument :
MSVOA_Y
ClientSampleId :
MANHOLE-WC-D

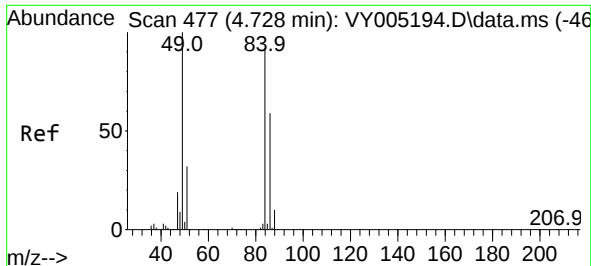
Tgt Ion: 43 Resp: 2561
Ion Ratio Lower Upper
43 100
58 39.0 28.2 42.2



#18
Methyl Acetate
Concen: 2.117 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY005258.D
Acq: 28 Jun 2021 18:42

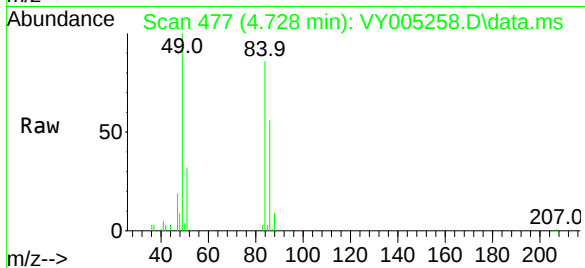
Tgt Ion: 43 Resp: 2208
Ion Ratio Lower Upper
43 100
74 20.8 22.5 33.7#



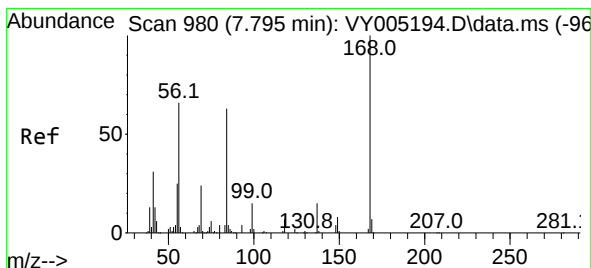
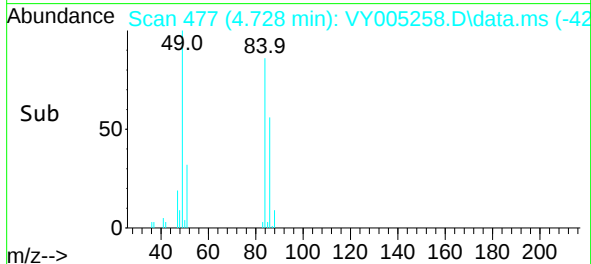
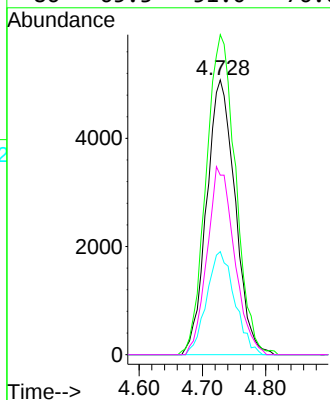


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005258.D
Acq: 28 Jun 2021 18:42

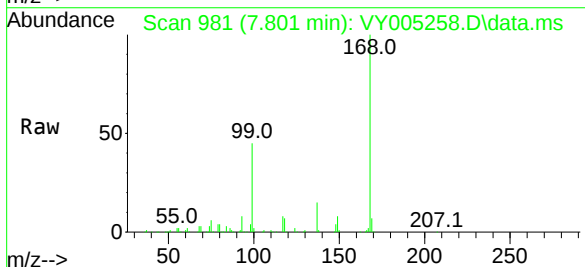
Instrument :
MSVOA_Y
ClientSampleId :
MANHOLE-WC-D



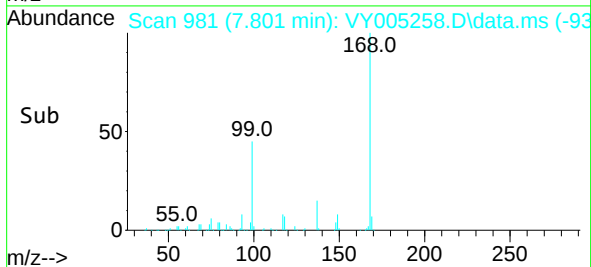
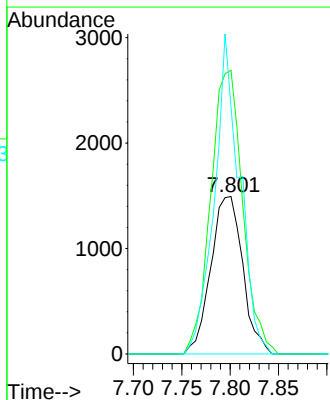
Tgt Ion:	84	Resp:	15862
Ion	Ratio	Lower	Upper
84	100		
49	116.5	86.9	130.3
51	37.5	27.4	41.2
86	65.3	51.0	76.6

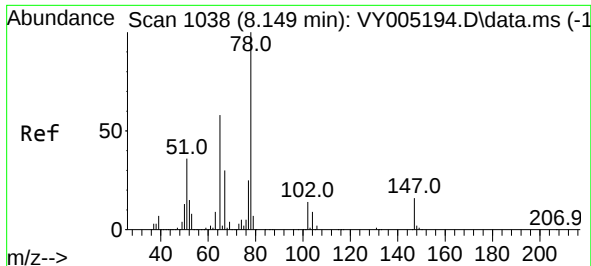


#31
Cyclohexane
Concen: 1.130 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005258.D
Acq: 28 Jun 2021 18:42



Tgt Ion:	56	Resp:	3426
Ion	Ratio	Lower	Upper
56	100		
69	180.1	29.6	44.4#
84	157.0	76.4	114.6#

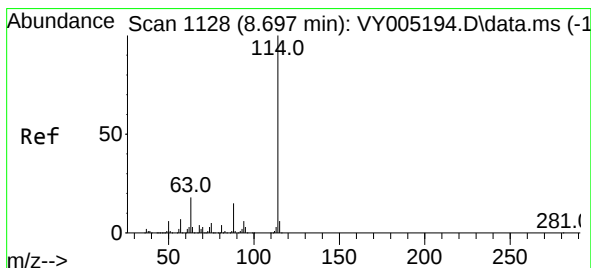
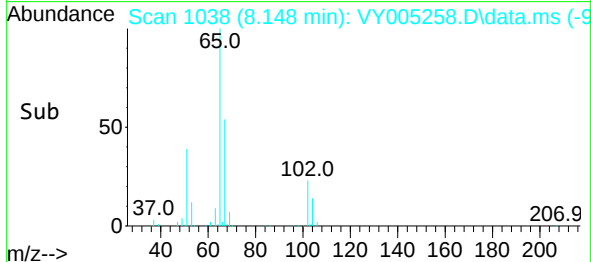
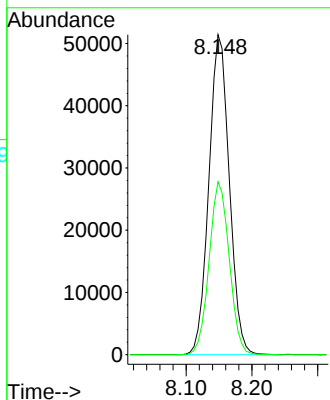
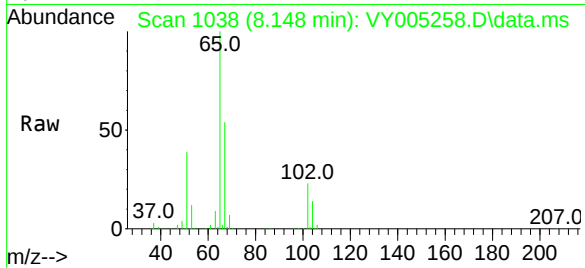




#33
 1,2-Dichloroethane-d4
 Concen: 65.341 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005258.D
 Acq: 28 Jun 2021 18:42

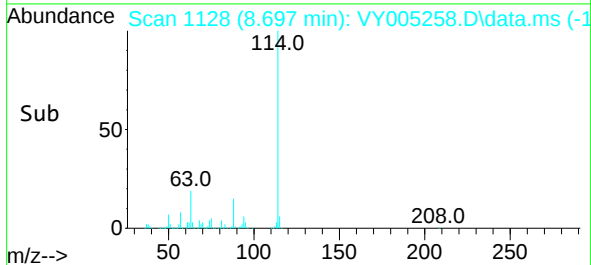
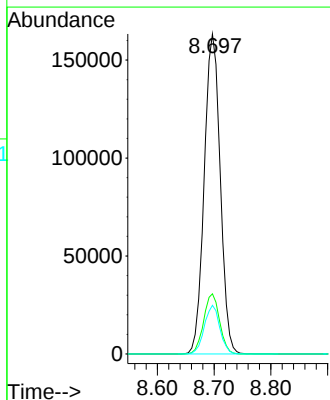
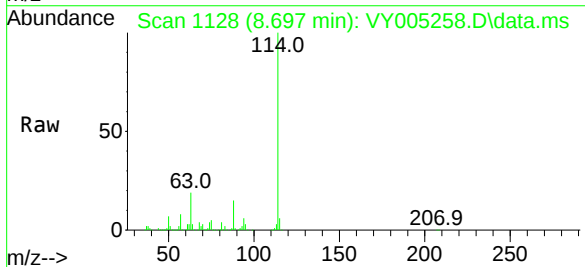
Instrument :
 MSVOA_Y
 ClientSampleId :
 MANHOLE-WC-D

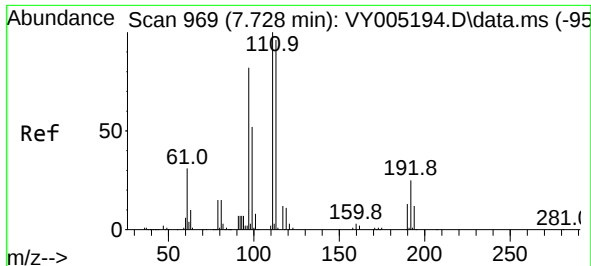
Tgt Ion: 65 Resp: 111002
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005258.D
 Acq: 28 Jun 2021 18:42

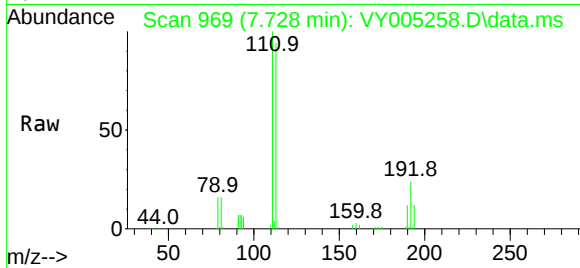
Tgt Ion: 114 Resp: 320074
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 35.2
 88 15.2 0.0 29.4



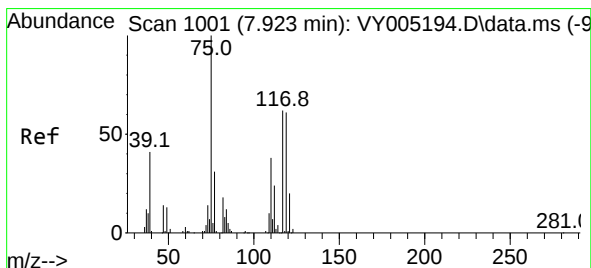
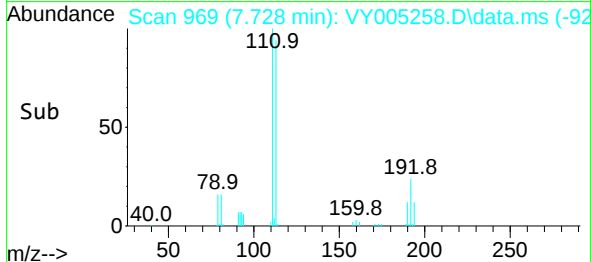
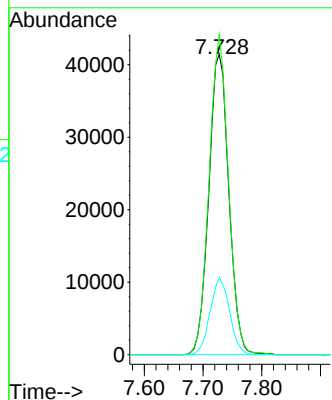


#35
Dibromofluoromethane
Concen: 52.200 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005258.D
Acq: 28 Jun 2021 18:42

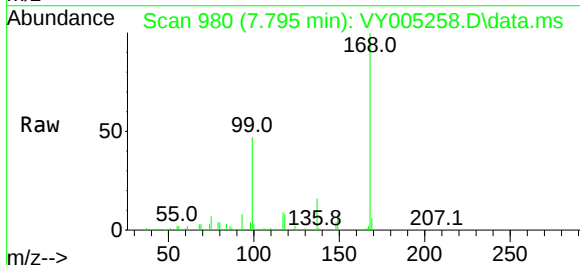
Instrument :
MSVOA_Y
ClientSampleId :
MANHOLE-WC-D



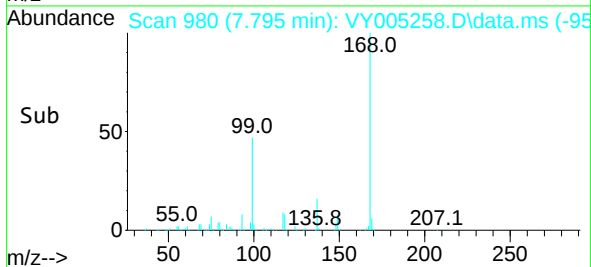
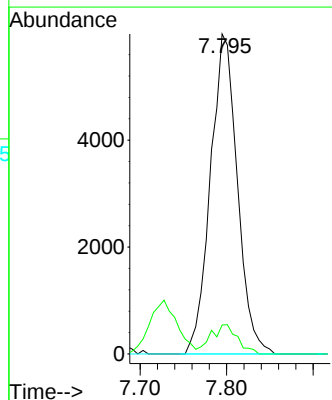
Tgt Ion:113 Resp: 98536
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 24.9 20.2 30.2

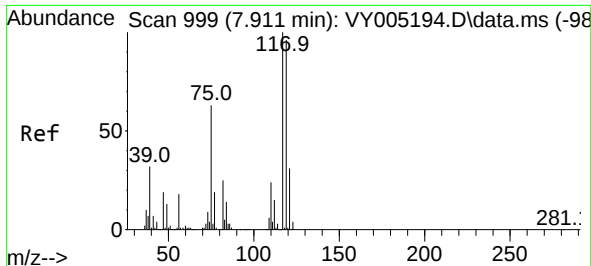


#36
1,1-Dichloropropene
Concen: 4.589 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005258.D
Acq: 28 Jun 2021 18:42



Tgt Ion: 75 Resp: 12934
Ion Ratio Lower Upper
75 100
110 9.1 19.1 57.5#
77 0.0 25.2 37.8#

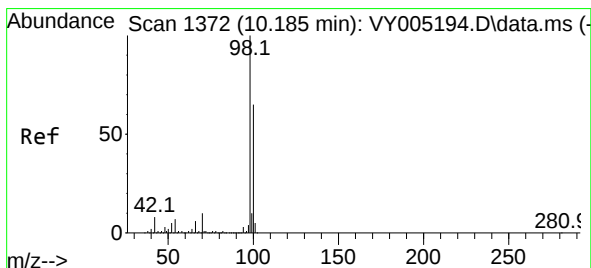
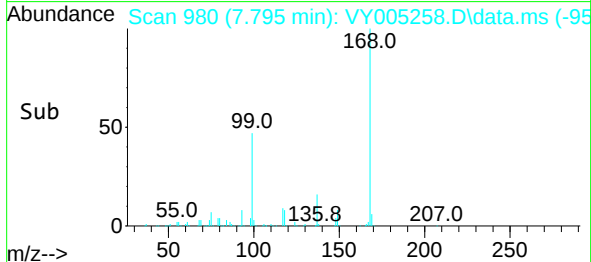
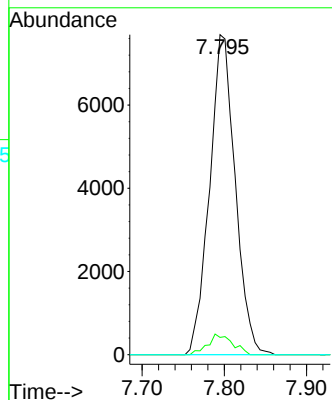
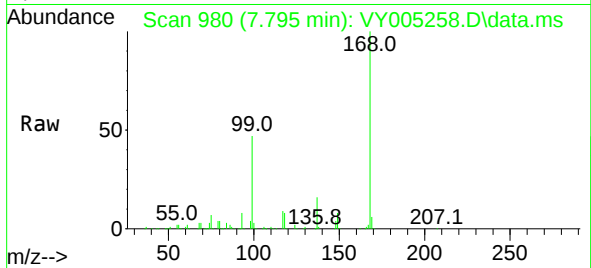




#38
Carbon Tetrachloride
Concen: 5.662 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005258.D
Acq: 28 Jun 2021 18:42

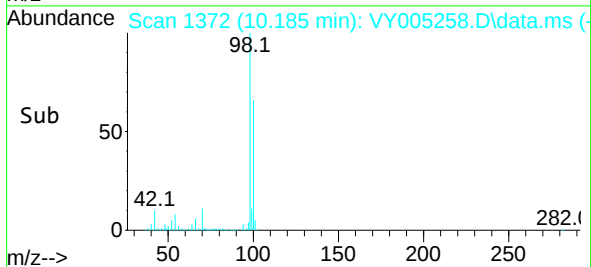
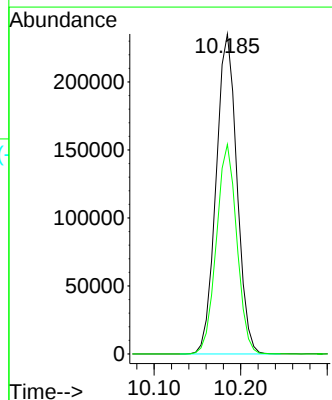
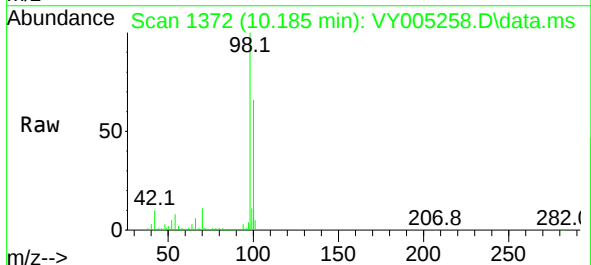
Instrument :
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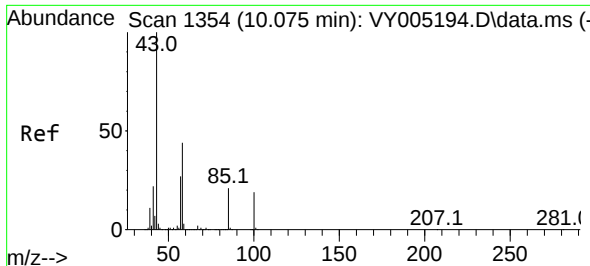
Tgt Ion:117 Resp: 16704
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.028 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005258.D
Acq: 28 Jun 2021 18:42

Tgt Ion: 98 Resp: 392753
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

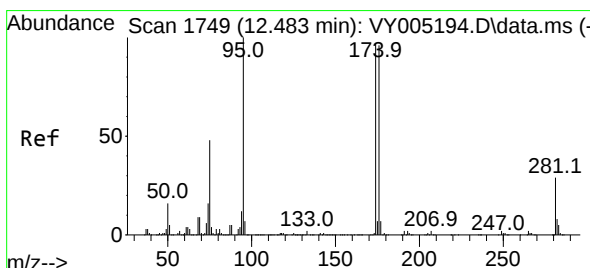
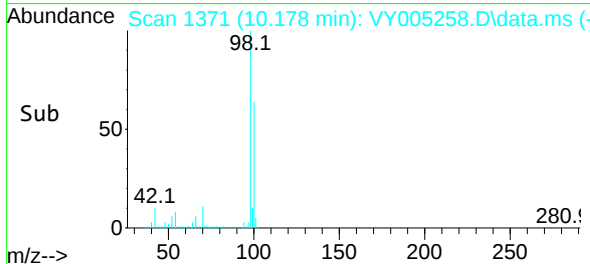
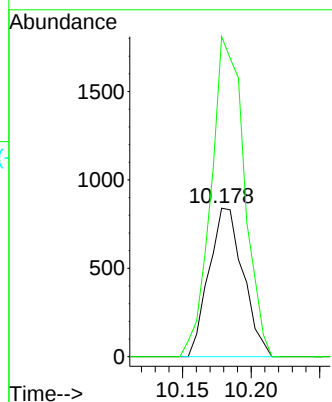
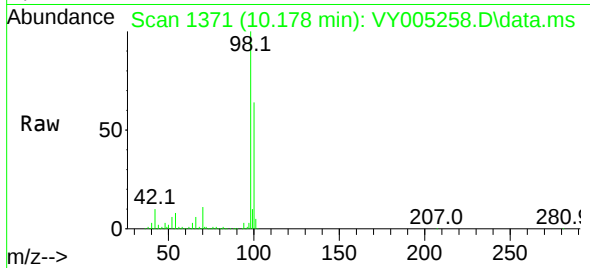




#51
4-Methyl-2-Pentanone
Concen: 1.045 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY005258.D
Acq: 28 Jun 2021 18:42

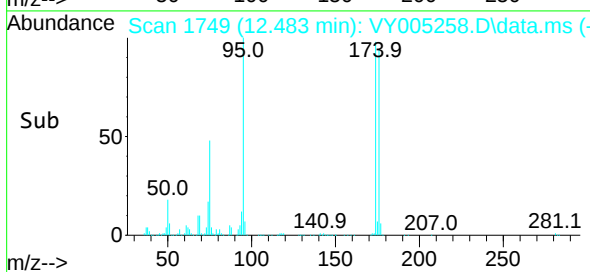
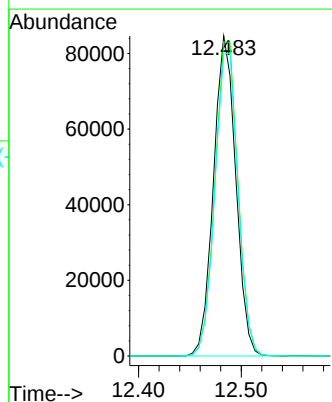
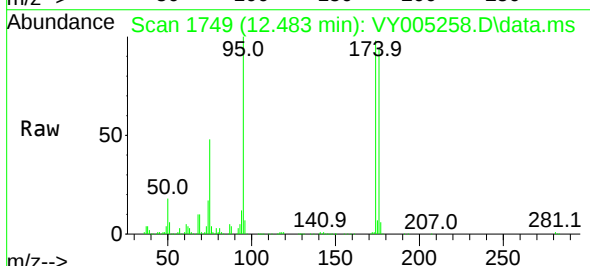
Instrument :
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MANHOLE-WC-D

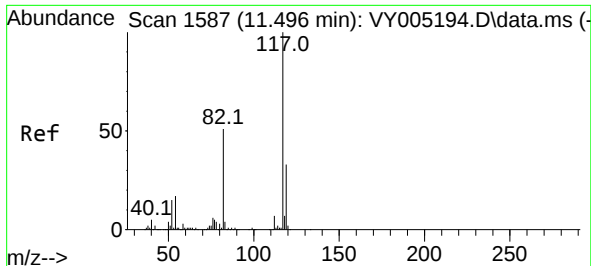
Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
58 208.9 35.3 52.9#



#62
4-Bromofluorobenzene
Concen: 50.714 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005258.D
Acq: 28 Jun 2021 18:42

Tgt Ion: 95 Resp: 127571
Ion Ratio Lower Upper
95 100
174 101.6 0.0 201.6
176 98.2 0.0 197.4

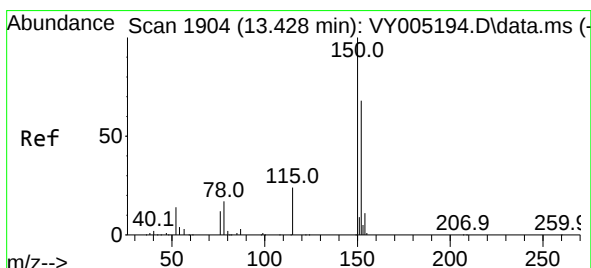
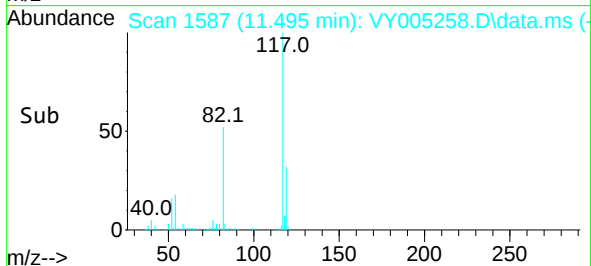
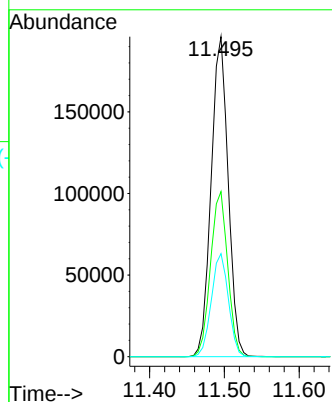
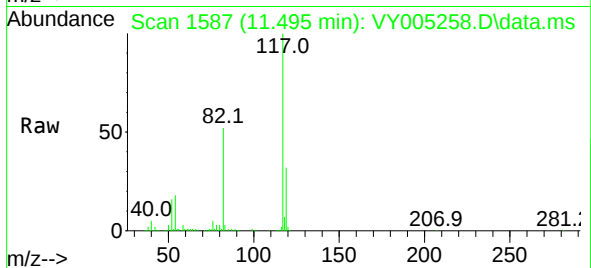




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005258.D
Acq: 28 Jun 2021 18:42

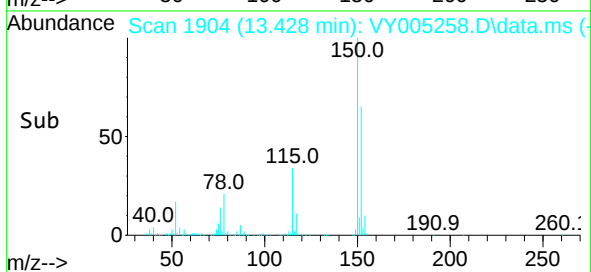
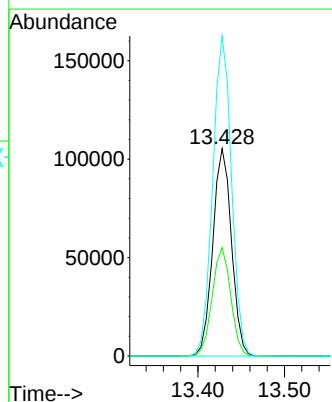
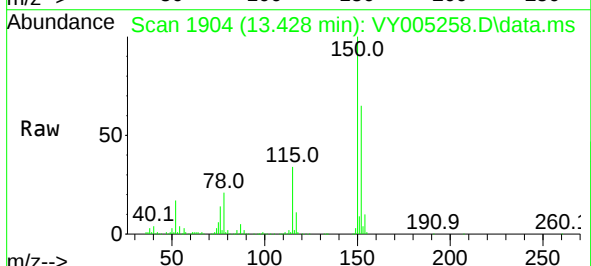
Instrument :
MSVOA_Y
ClientSampleId :
MANHOLE-WC-D

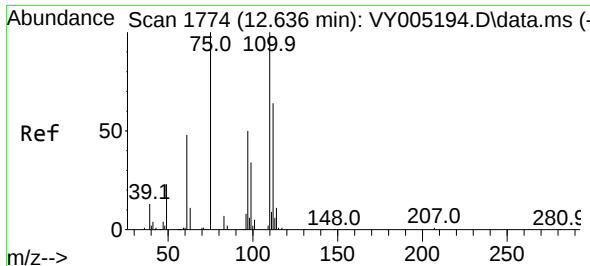
Tgt Ion:117 Resp: 309850
Ion Ratio Lower Upper
117 100
82 51.6 40.6 60.8
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005258.D
Acq: 28 Jun 2021 18:42

Tgt Ion:152 Resp: 157769
Ion Ratio Lower Upper
152 100
115 51.8 26.3 78.8
150 155.3 0.0 344.2

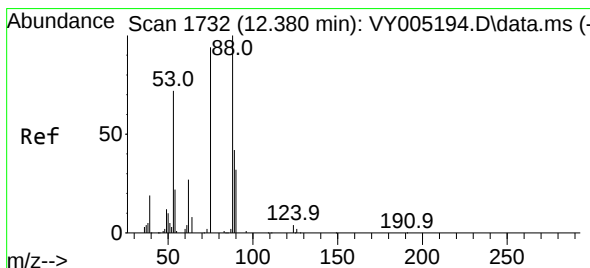
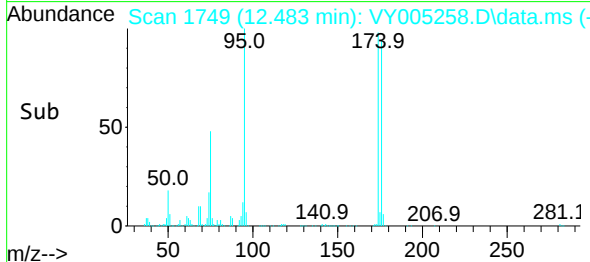
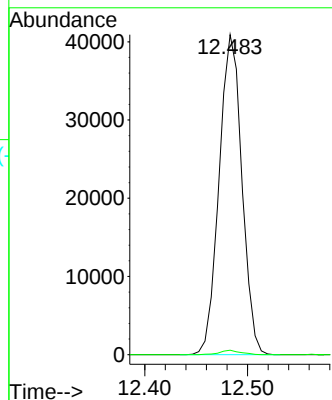
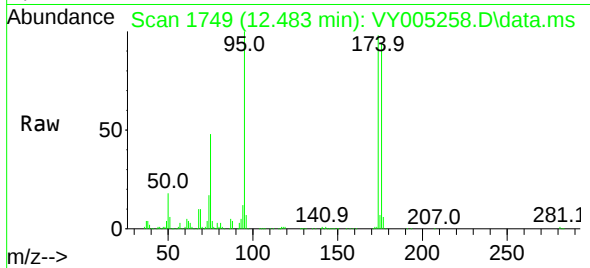




#76
1,2,3-Trichloropropane
Concen: 45.003 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005258.D
Acq: 28 Jun 2021 18:42

Instrument :
MSVOA_Y
ClientSampleId :
MANHOLE-WC-D

Tgt Ion: 75 Resp: 62970
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.966 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005258.D
Acq: 28 Jun 2021 18:42

Tgt Ion: 75 Resp: 62970
Ion Ratio Lower Upper
75 100
53 0.2 63.0 94.4#
89 0.0 38.0 57.0#

