

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062521\
 Data File : VY005224.D
 Acq On : 25 Jun 2021 13:43
 Operator : SY/MD
 Sample : M2852-04
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MANHOLE-WC-D

Quant Time: Jun 26 05:11:28 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	53792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	77730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	67718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28583	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	20859	46.728	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.460%
35) Dibromofluoromethane	7.728	113	23019	50.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.420%
50) Toluene-d8	10.185	98	91513	49.918	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.483	95	24538	40.168	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.340%

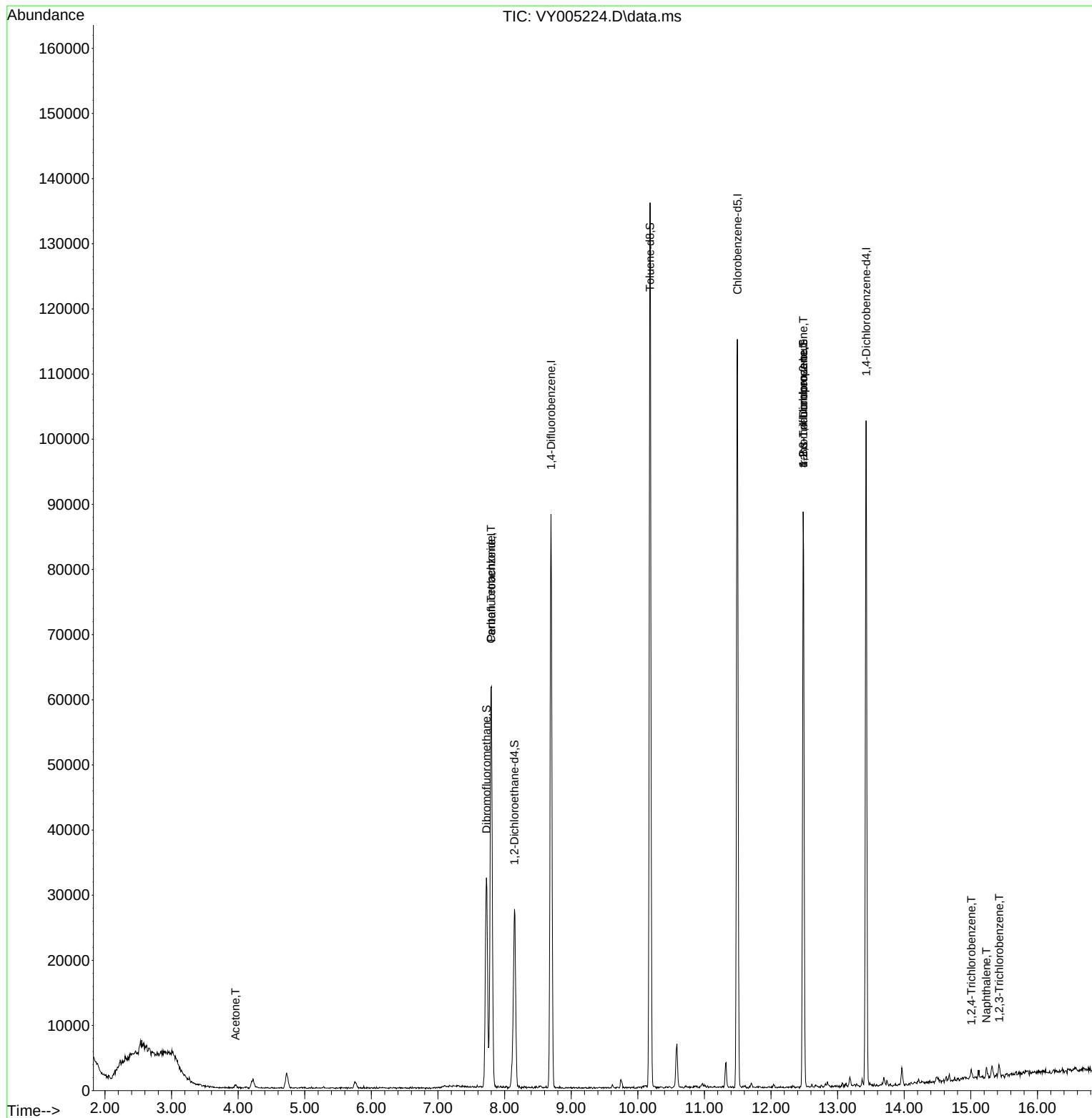
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.954	59	159	Below Cal	#	77
16) Acetone	3.960	43	725	7.030	ug/l #	75
20) Methylene Chloride	4.722	84	1693	Below Cal	#	93
38) Carbon Tetrachloride	7.795	117	4337	6.053	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	12082	47.661	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	12082	88.924	ug/l #	17
93) 1,2,4-Trichlorobenzene	15.007	180	675	1.150	ug/l	89
95) Naphthalene	15.233	128	1365	1.260	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.428	180	674	1.304	ug/l	100

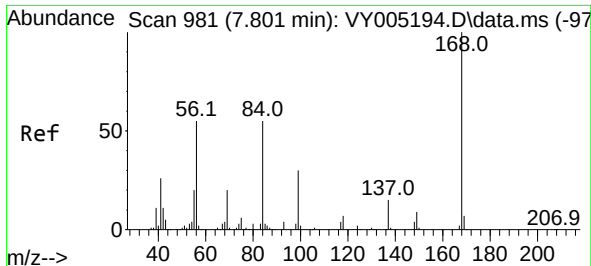
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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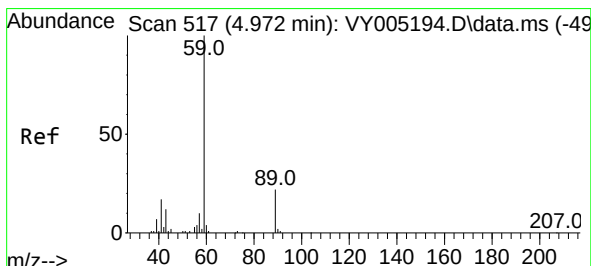
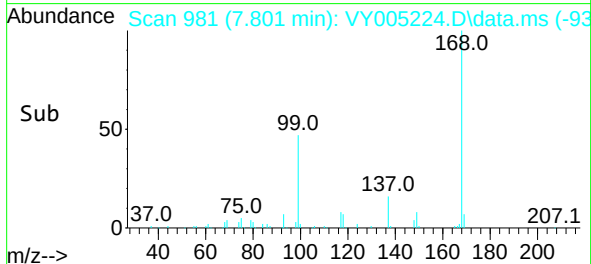
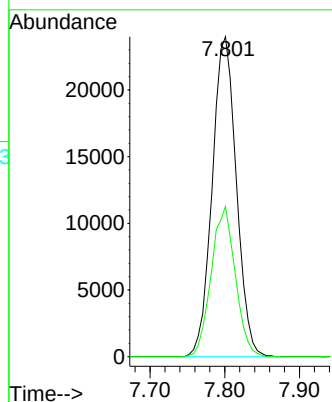
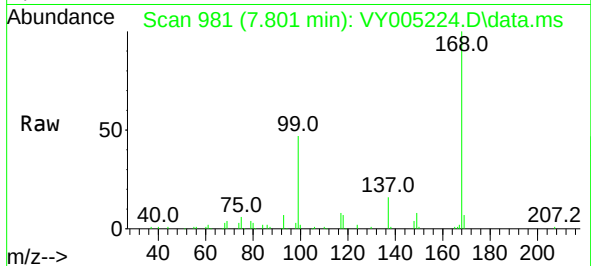




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005224.D
Acq: 25 Jun 2021 13:43

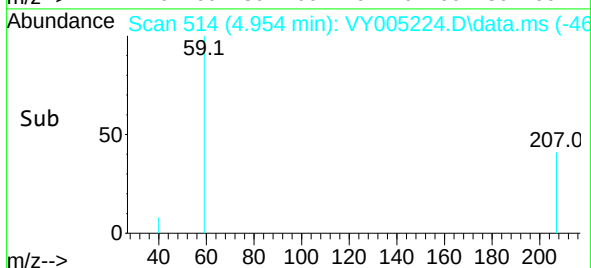
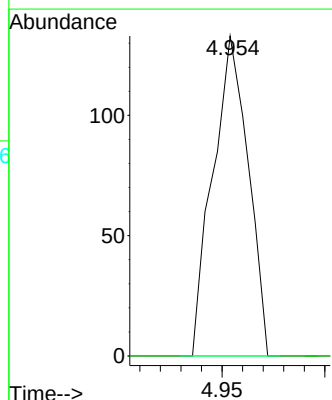
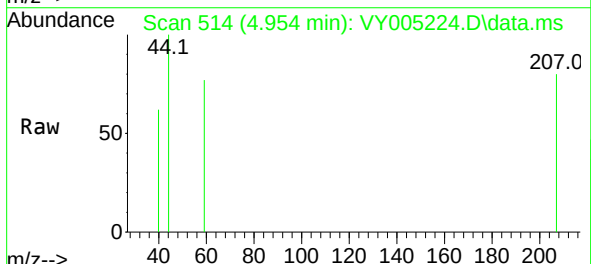
Instrument :
MSVOA_Y
ClientSampleId :
MANHOLE-WC-D

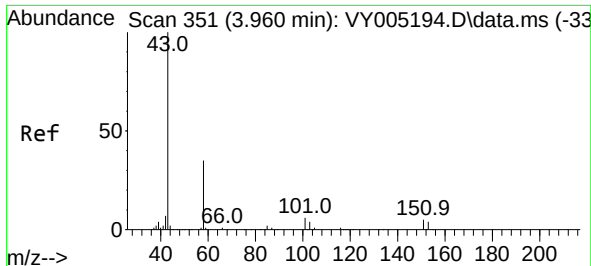
Tgt Ion:168 Resp: 53792
Ion Ratio Lower Upper
168 100
99 47.0 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY005224.D
Acq: 25 Jun 2021 13:43

Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

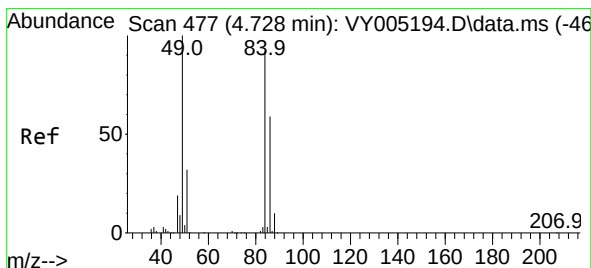
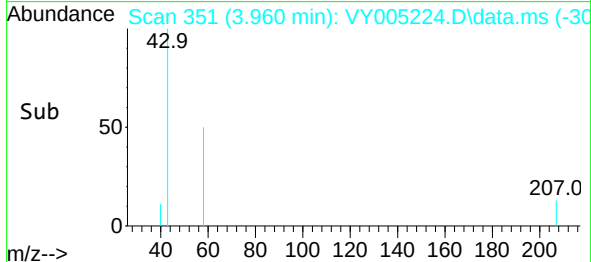
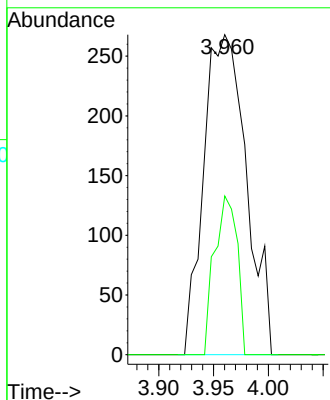
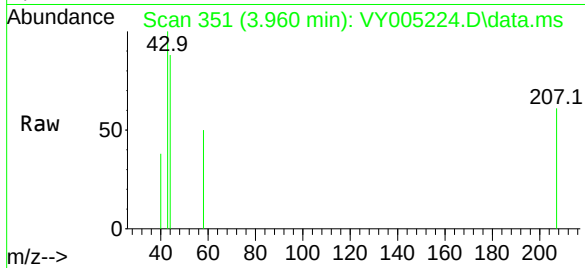




#16
Acetone
Concen: 7.030 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005224.D
Acq: 25 Jun 2021 13:43

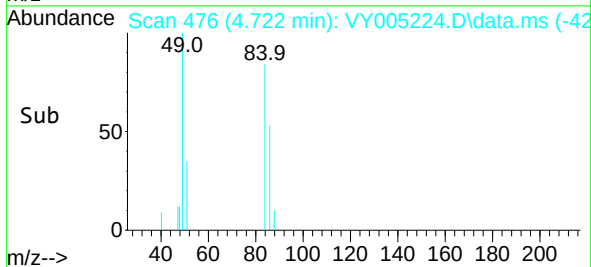
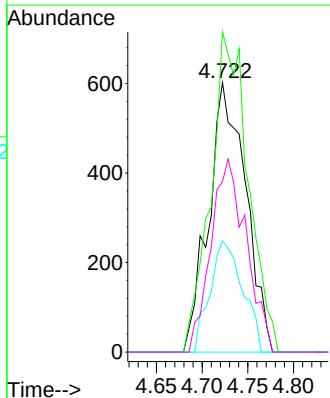
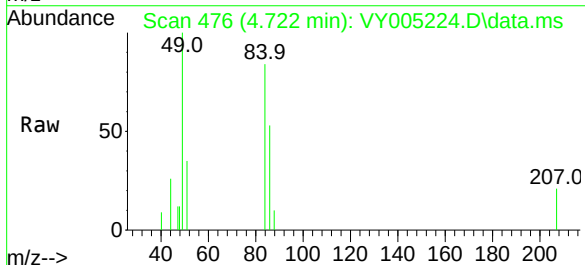
Instrument :
MSVOA_Y
ClientSampleId :
MANHOLE-WC-D

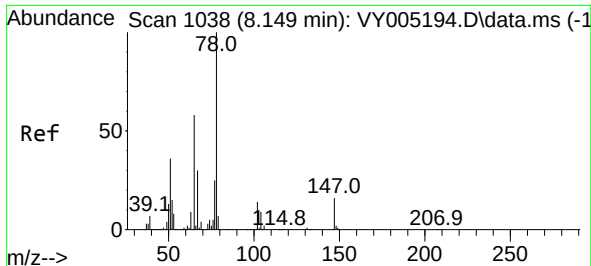
Tgt Ion: 43 Resp: 725
Ion Ratio Lower Upper
43 100
58 49.6 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005224.D
Acq: 25 Jun 2021 13:43

Tgt Ion: 84 Resp: 1693
Ion Ratio Lower Upper
84 100
49 118.8 86.9 130.3
51 41.2 27.4 41.2#
86 63.3 51.0 76.6

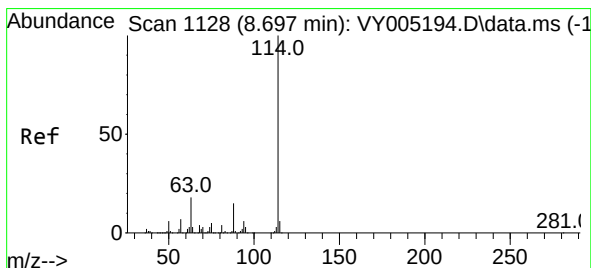
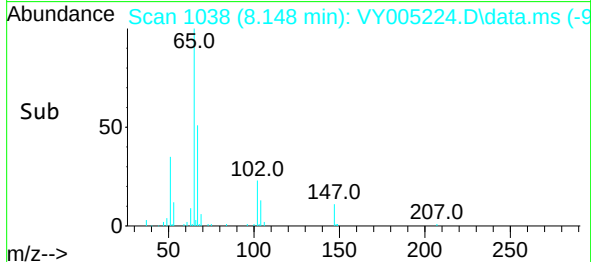
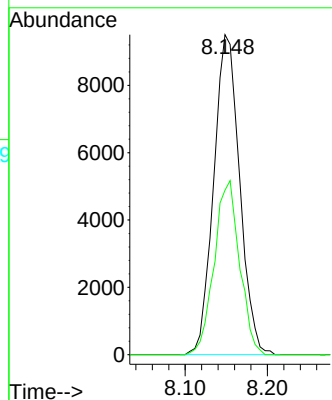
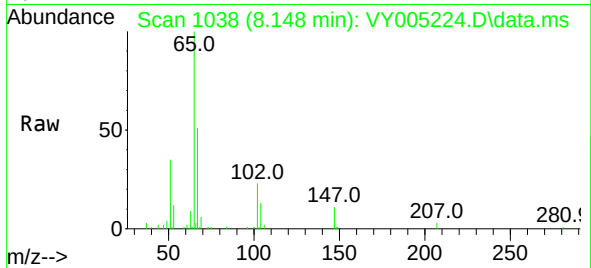




#33
1,2-Dichloroethane-d4
Concen: 46.728 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005224.D
Acq: 25 Jun 2021 13:43

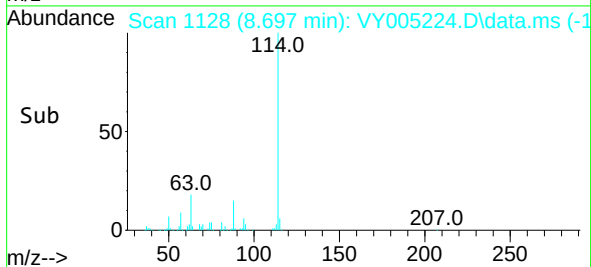
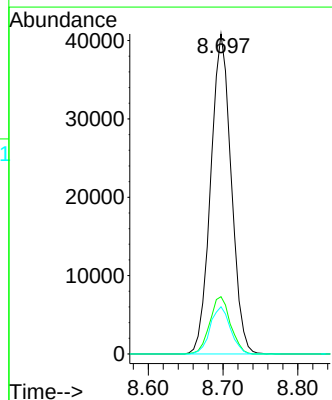
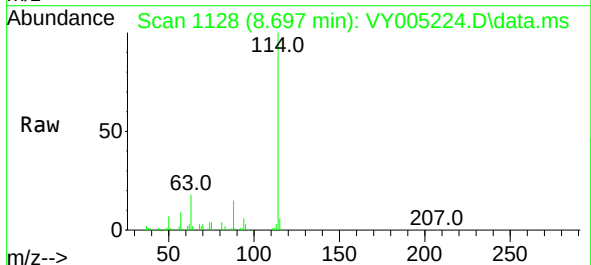
Instrument :
MSVOA_Y
ClientSampleId :
MANHOLE-WC-D

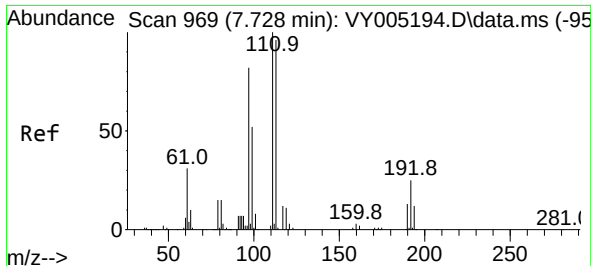
Tgt Ion: 65 Resp: 20859
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005224.D
Acq: 25 Jun 2021 13:43

Tgt Ion: 114 Resp: 77730
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.2
88 14.8 0.0 29.4

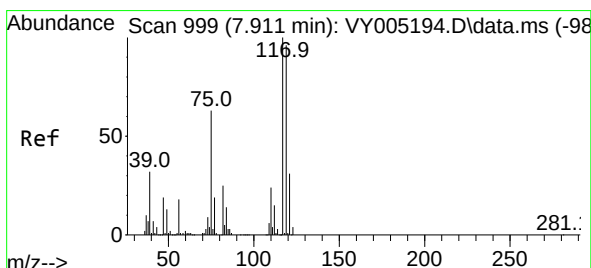
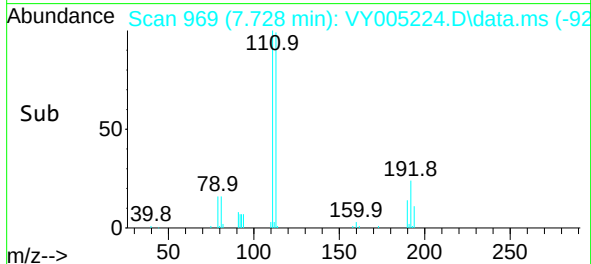
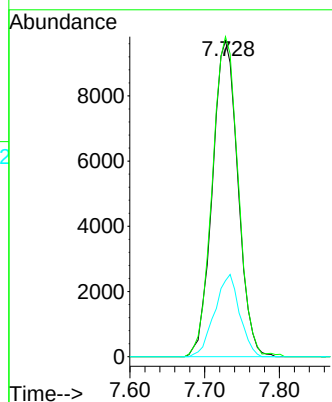
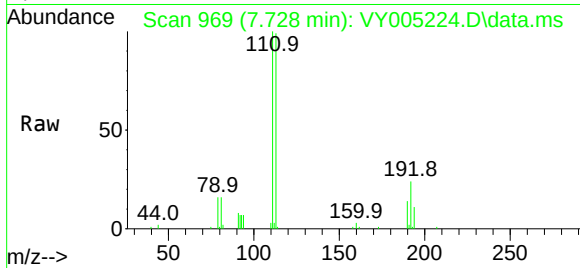




#35
Dibromofluoromethane
Concen: 50.214 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005224.D
Acq: 25 Jun 2021 13:43

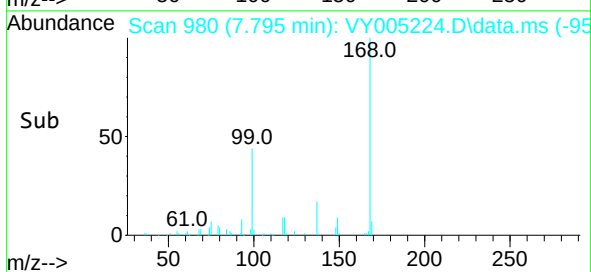
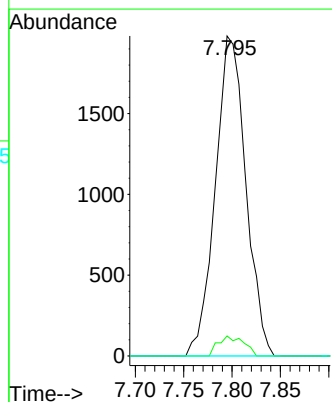
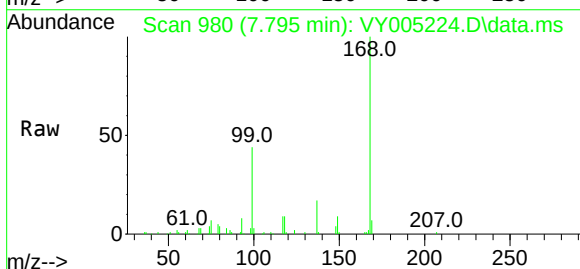
Instrument :
MSVOA_Y
ClientSampleId :
MANHOLE-WC-D

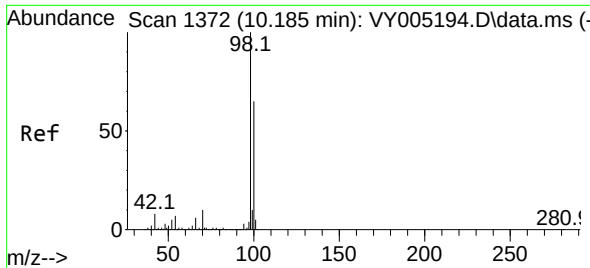
Tgt Ion:	113	Resp:	23019
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	25.4	20.2	30.2



#38
Carbon Tetrachloride
Concen: 6.053 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005224.D
Acq: 25 Jun 2021 13:43

Tgt Ion:	117	Resp:	4337
Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.2	114.4#
121	0.0	24.7	37.1#

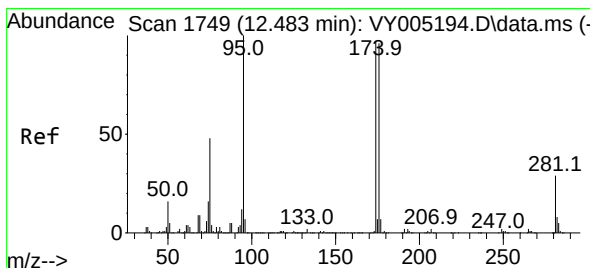
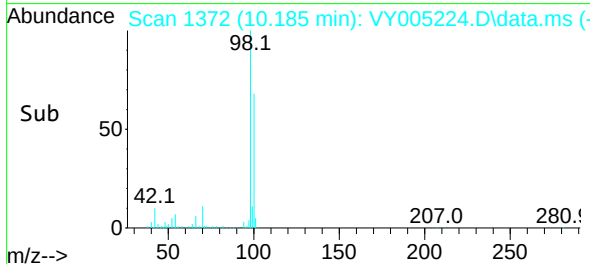
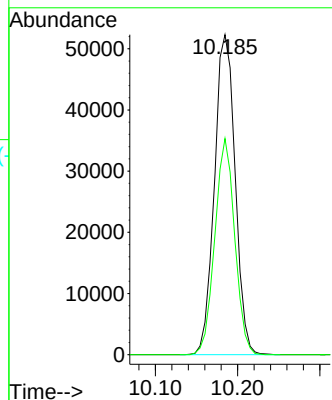
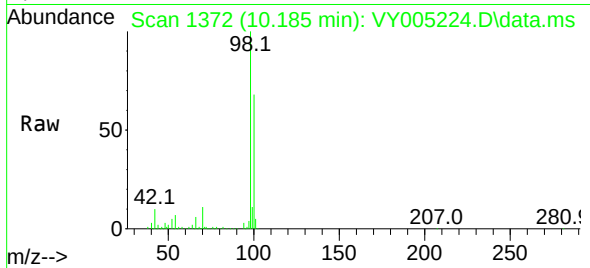




#50
Toluene-d8
Concen: 49.918 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005224.D
Acq: 25 Jun 2021 13:43

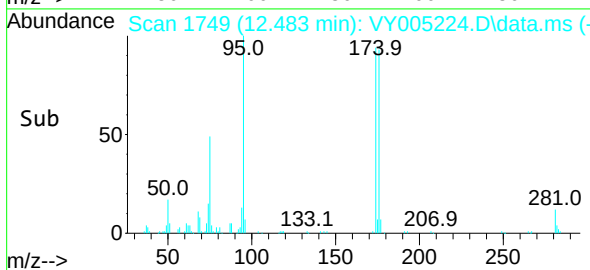
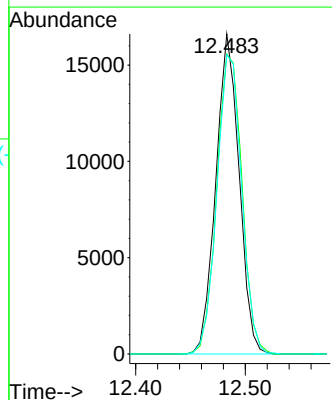
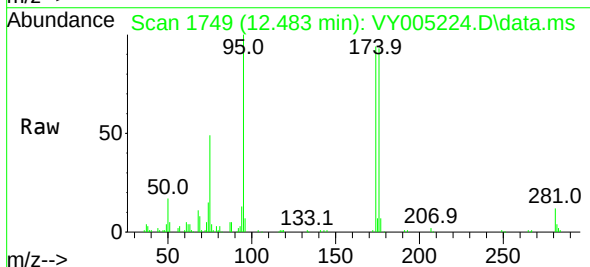
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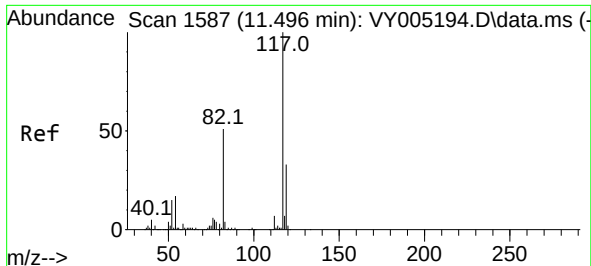
Tgt Ion: 98 Resp: 91513
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 40.168 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005224.D
Acq: 25 Jun 2021 13:43

Tgt Ion: 95 Resp: 24538
Ion Ratio Lower Upper
95 100
174 101.3 0.0 201.6
176 99.0 0.0 197.4

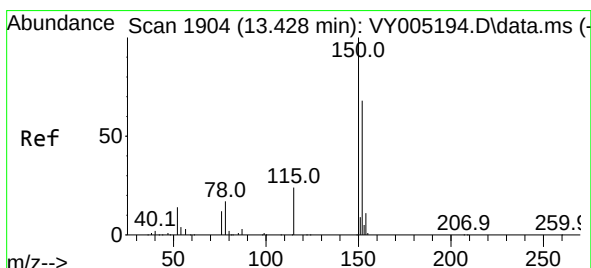
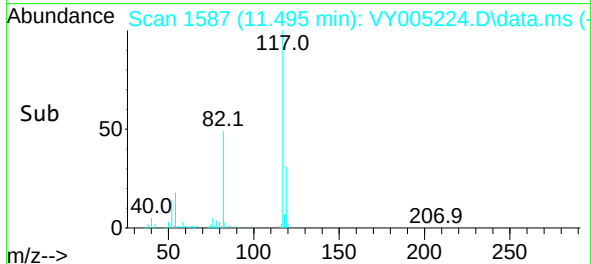
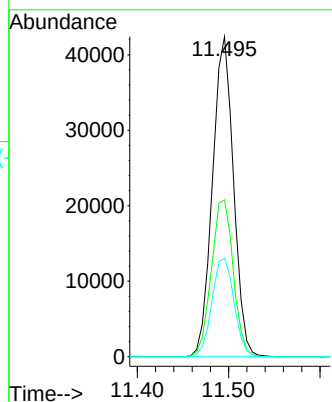
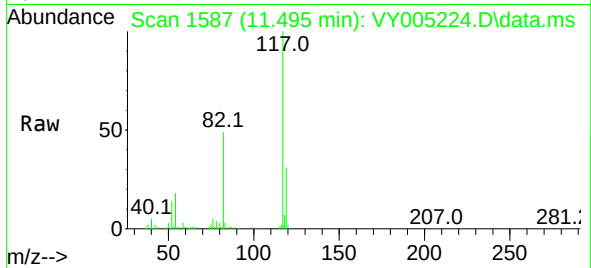




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005224.D
Acq: 25 Jun 2021 13:43

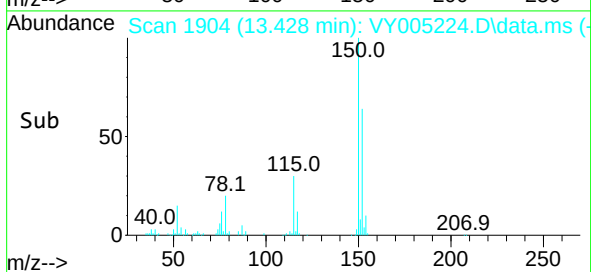
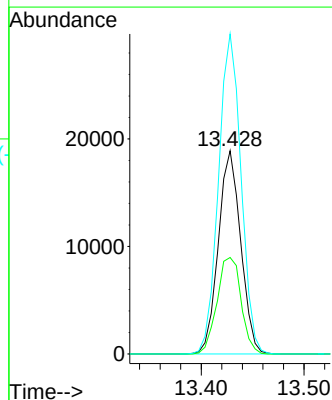
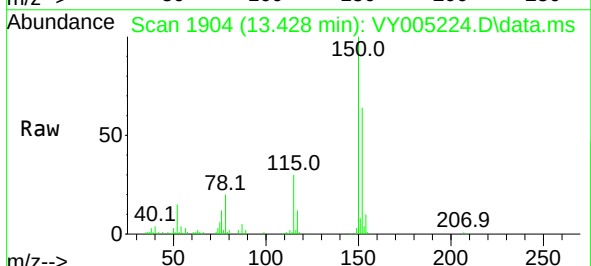
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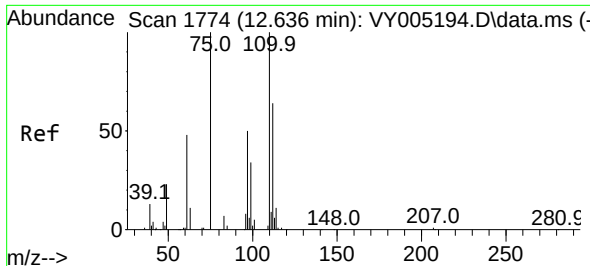
Tgt Ion:	117	Resp:	67718
Ion	Ratio	Lower	Upper
117	100		
82	49.1	40.6	60.8
119	30.8	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005224.D
Acq: 25 Jun 2021 13:43

Tgt Ion:	152	Resp:	28583
Ion	Ratio	Lower	Upper
152	100		
115	51.0	26.3	78.8
150	158.3	0.0	344.2

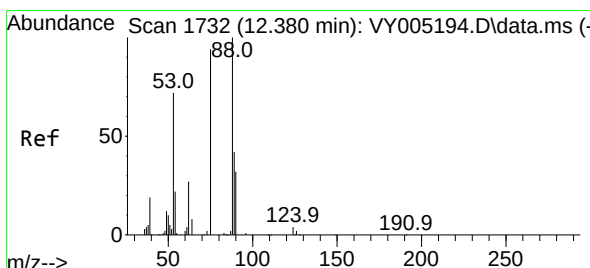
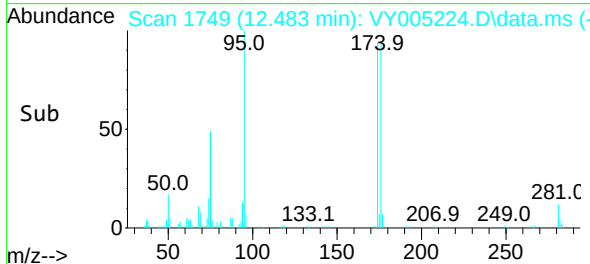
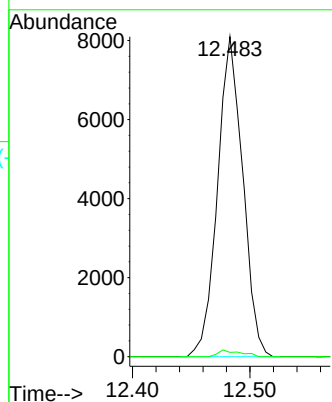
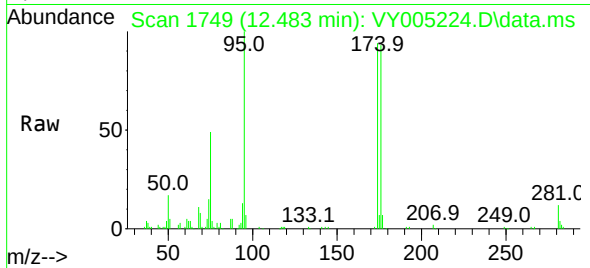




#76
1,2,3-Trichloropropane
Concen: 47.661 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005224.D
Acq: 25 Jun 2021 13:43

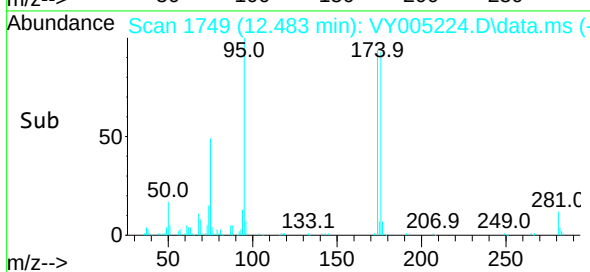
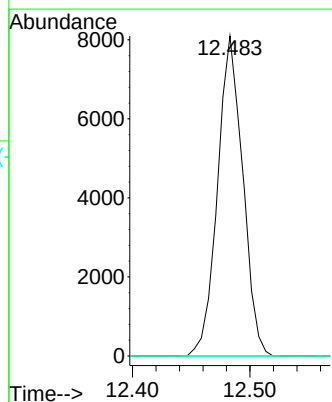
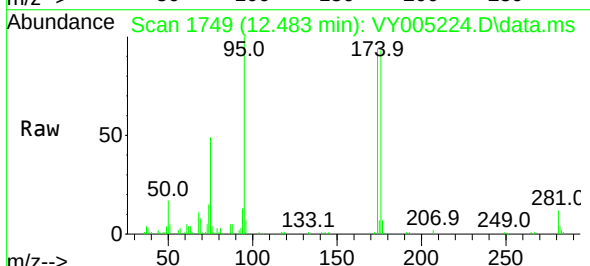
Instrument :
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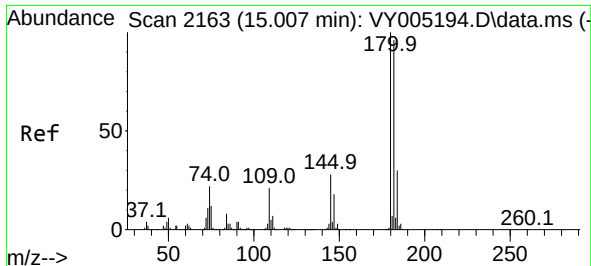
Tgt Ion: 75 Resp: 12082
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.924 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005224.D
Acq: 25 Jun 2021 13:43

Tgt Ion: 75 Resp: 12082
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 38.0 57.0#

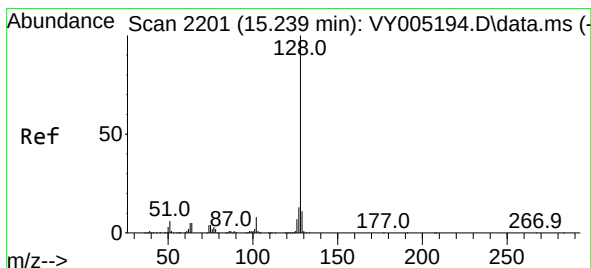
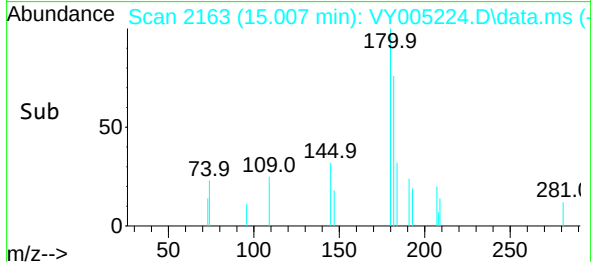
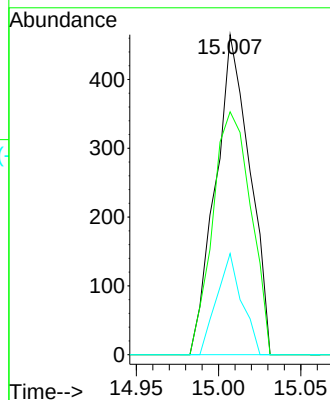
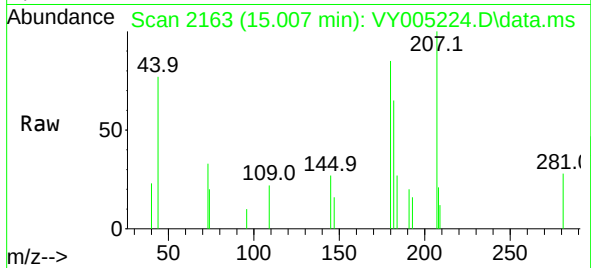




#93
1,2,4-Trichlorobenzene
Concen: 1.150 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY005224.D
Acq: 25 Jun 2021 13:43

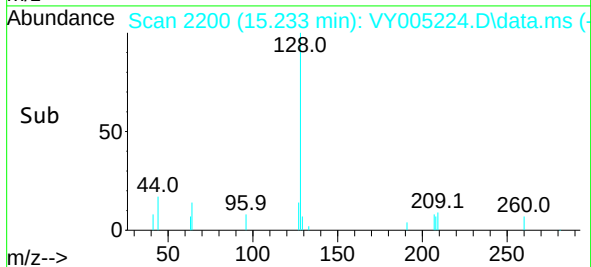
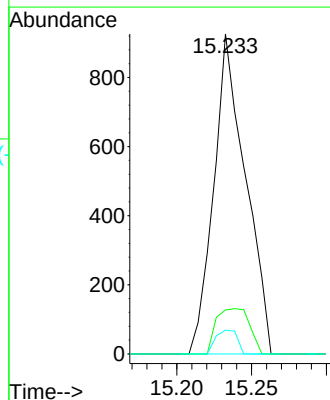
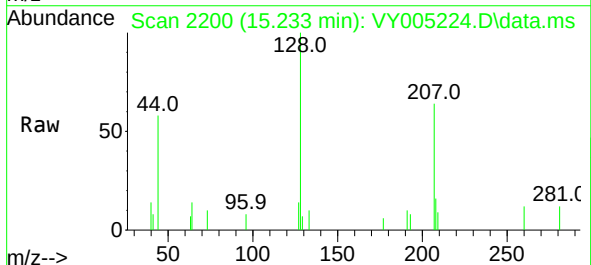
Instrument :
MSVOA_Y
ClientSampleId :
MANHOLE-WC-D

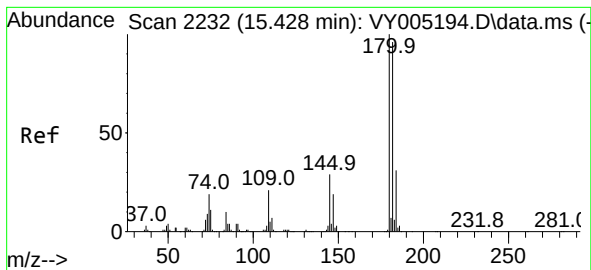
Tgt Ion:	180	Resp:	675
Ion	Ratio	Lower	Upper
180	100		
182	84.4	48.1	144.4
145	23.3	13.6	40.8



#95
Naphthalene
Concen: 1.260 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY005224.D
Acq: 25 Jun 2021 13:43

Tgt Ion:	128	Resp:	1365
Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.2	15.4
129	5.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.304 ug/l
 RT: 15.428 min Scan# 2232
 Delta R.T. -0.000 min
 Lab File: VY005224.D
 Acq: 25 Jun 2021 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 MANHOLE-WC-D

Tgt Ion:180 Resp: 674

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	27.3	14.1	42.4

