

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022257.D
 Acq On : 28 May 2021 16:47
 Operator : JC/MD
 Sample : M2483-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002DL

Quant Time: May 29 03:52:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 06:11:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

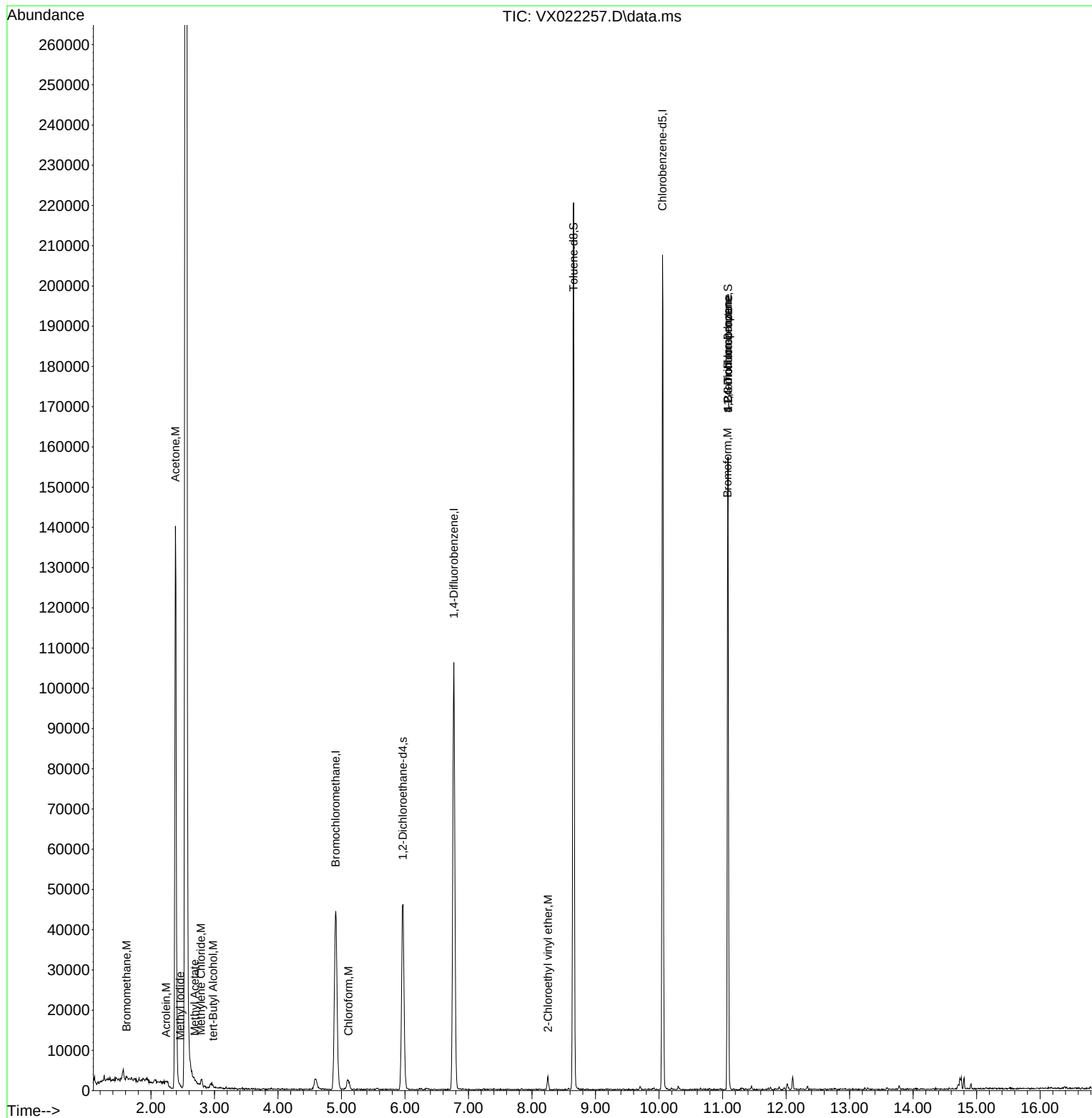
Internal Standards						
1) Bromochloromethane	4.910	128	17973	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	103956	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	88806	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	42979	31.04	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.47%
60) 4-Bromofluorobenzene	11.085	95	43204	29.31	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.70%
63) Toluene-d8	8.653	98	125880	31.02	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.40%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	177	0.24	ug/l #	79
11) Methyl Iodide	2.459	142	560	0.53	ug/l #	78
12) Methyl Acetate	2.690	43	410	0.28	ug/l #	52
13) Acrolein	2.239	56	130	0.57	ug/l #	34
15) Acetone	2.386	58	46514	258.50	ug/l	99
18) Methylene Chloride	2.788	84	392	0.31	ug/l #	69
23) tert-Butyl Alcohol	2.977	59	118	0.40	ug/l #	100
25) Chloroform	5.111	83	1720	0.80	ug/l	88
55) 2-Chloroethyl vinyl ether	8.250	63	1208	1.16	ug/l	94
56) Bromoform	11.079	173	275	0.35	ug/l #	1
72) 1,2,3-Trichloropropane	11.085	75	22647	14.29	ug/l	65
77) t-1,4-Dichloro-2-butene	11.085	75	22647	35.25	ug/l #	17

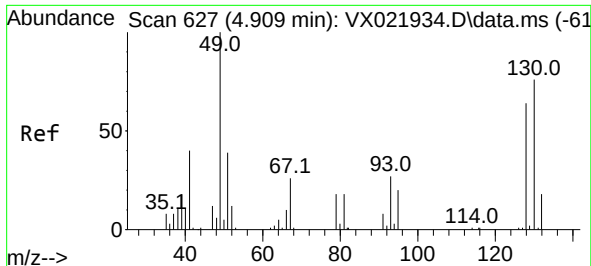
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
Data File : VX022257.D
Acq On : 28 May 2021 16:47
Operator : JC/MD
Sample : M2483-02 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002DL

Quant Time: May 29 03:52:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 13 06:11:35 2021
Response via : Initial Calibration

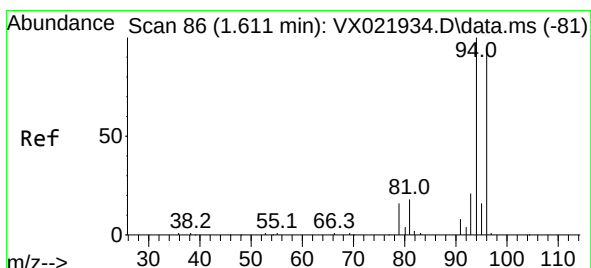
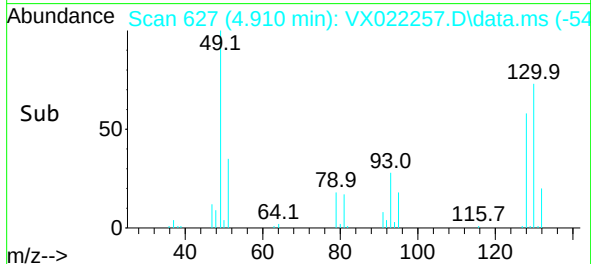
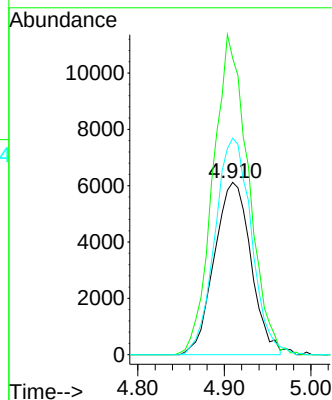
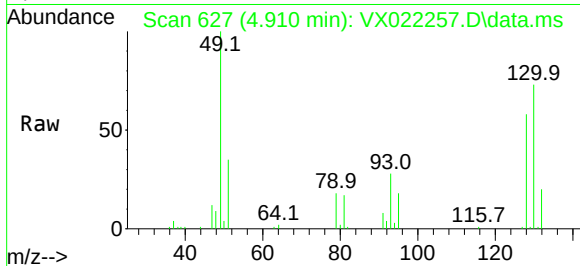




#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 4.910 min Scan# 627
 Delta R.T. 0.001 min
 Lab File: VX022257.D
 Acq: 28 May 2021 16:47

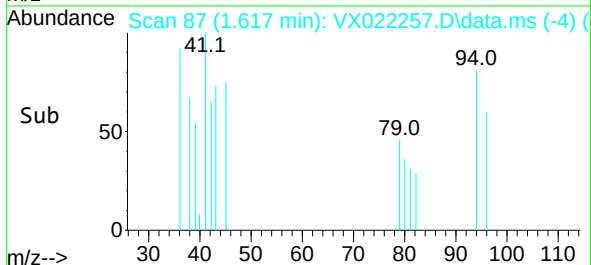
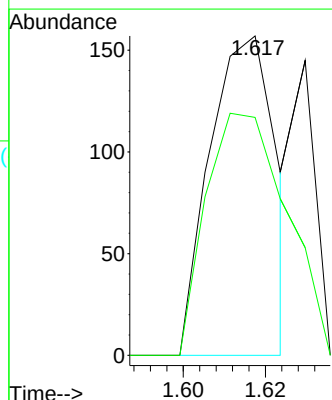
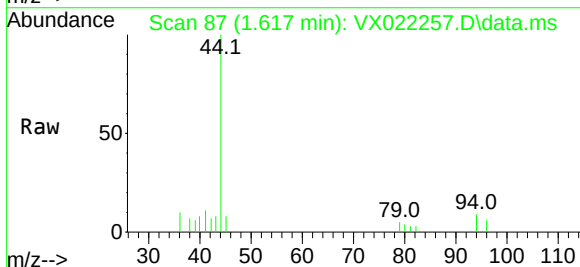
Instrument :
 MSVOA_X
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002DL

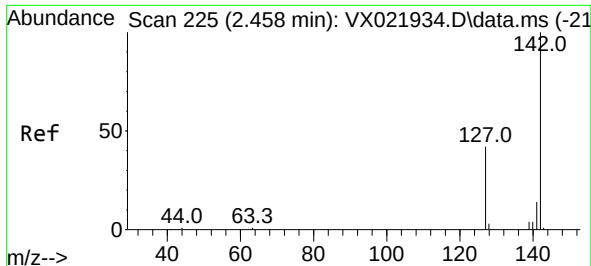
Tgt Ion:	128	Resp:	17973
Ion	Ratio	Lower	Upper
128	100		
49	180.0	0.0	442.5
130	125.0	0.0	323.3



#5
 Bromomethane
 Concen: 0.24 ug/l
 RT: 1.617 min Scan# 87
 Delta R.T. 0.006 min
 Lab File: VX022257.D
 Acq: 28 May 2021 16:47

Tgt Ion:	94	Resp:	177
Ion	Ratio	Lower	Upper
94	100		
96	74.5	76.1	114.1#

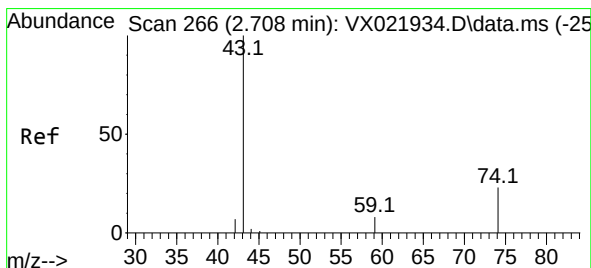
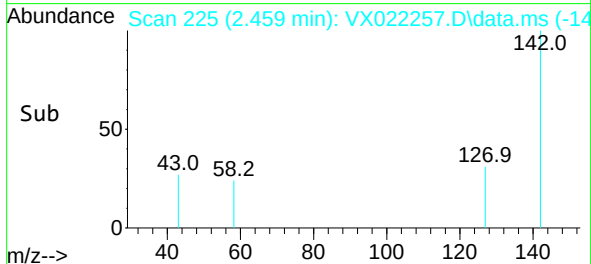
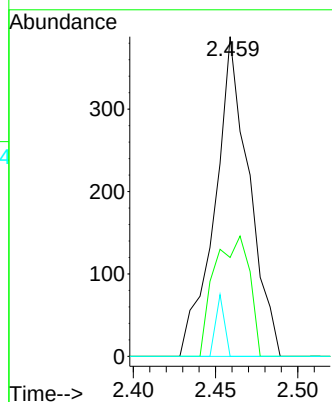
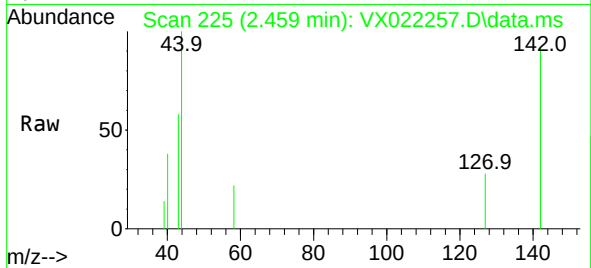




#11
Methyl Iodide
Concen: 0.53 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX022257.D
Acq: 28 May 2021 16:47

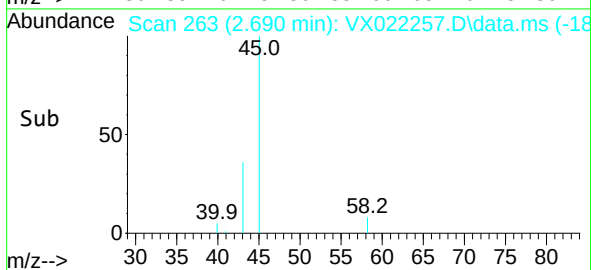
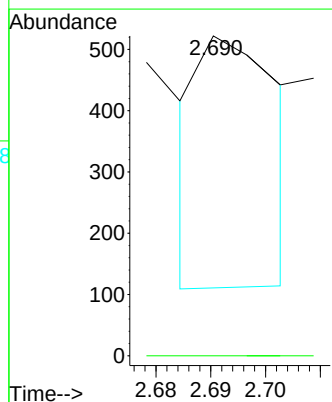
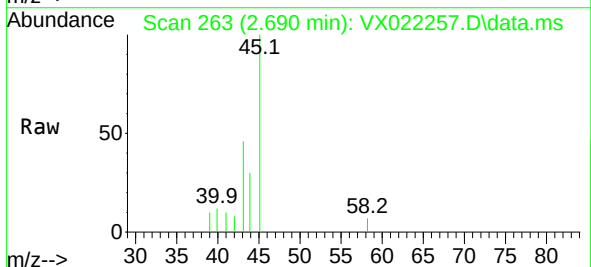
Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002DL

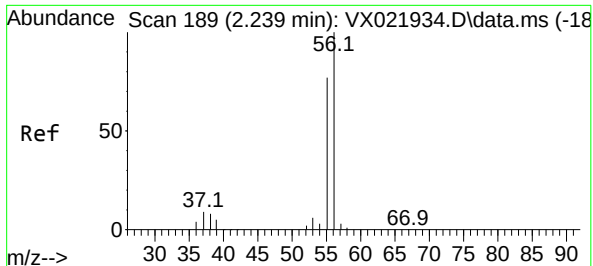
Tgt Ion:142 Resp: 560
Ion Ratio Lower Upper
142 100
127 30.9 21.3 63.7
141 0.0 7.2 21.6#



#12
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.690 min Scan# 263
Delta R.T. -0.018 min
Lab File: VX022257.D
Acq: 28 May 2021 16:47

Tgt Ion: 43 Resp: 410
Ion Ratio Lower Upper
43 100
74 0.0 18.5 27.7#

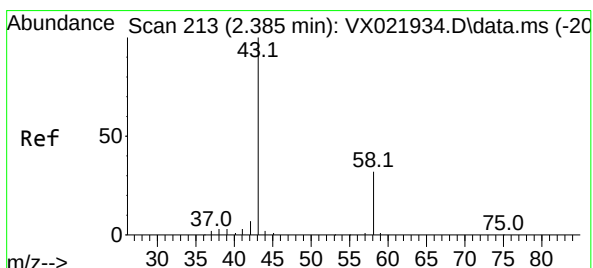
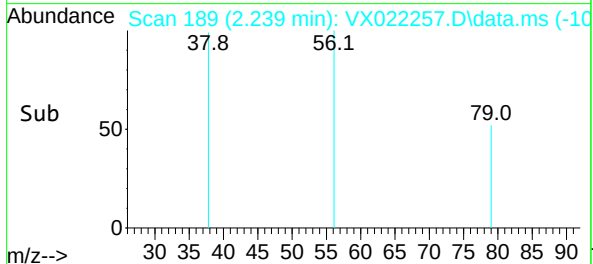
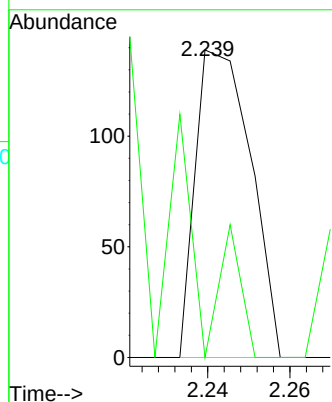
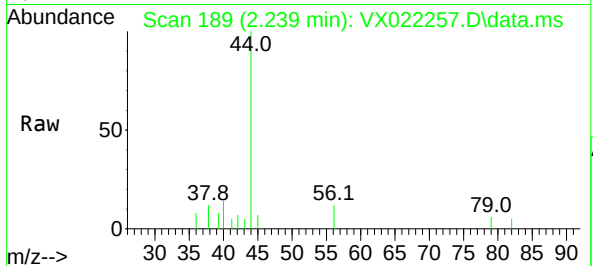




#13
Acrolein
Concen: 0.57 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX022257.D
Acq: 28 May 2021 16:47

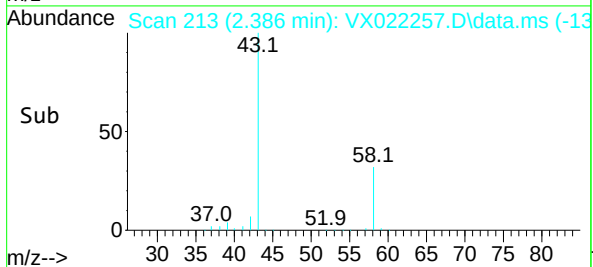
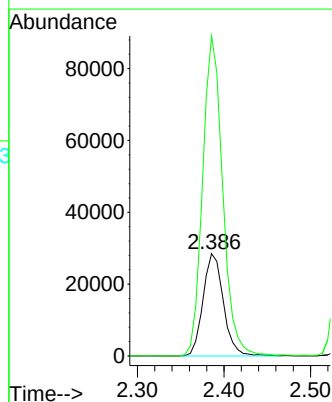
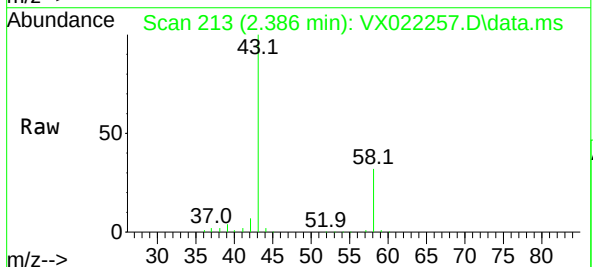
Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002DL

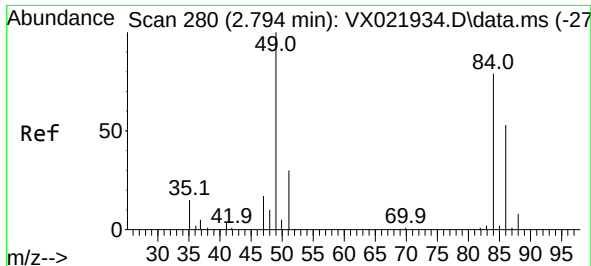
Tgt Ion: 56 Resp: 130
Ion Ratio Lower Upper
56 100
55 16.9 57.6 86.4#



#15
Acetone
Concen: 258.50 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX022257.D
Acq: 28 May 2021 16:47

Tgt Ion: 58 Resp: 46514
Ion Ratio Lower Upper
58 100
43 312.9 249.5 374.3



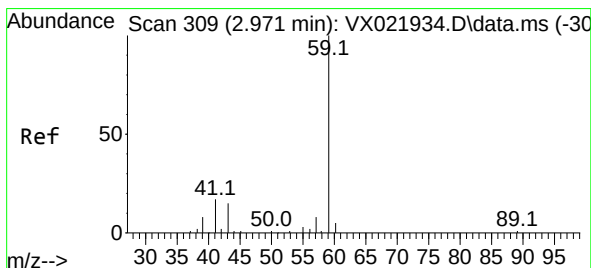
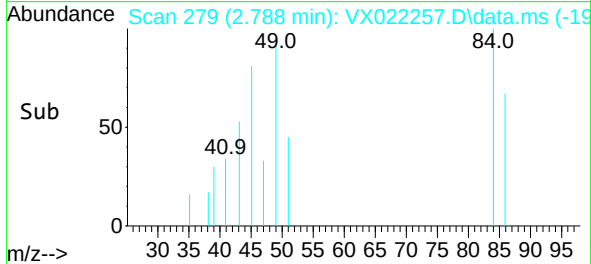
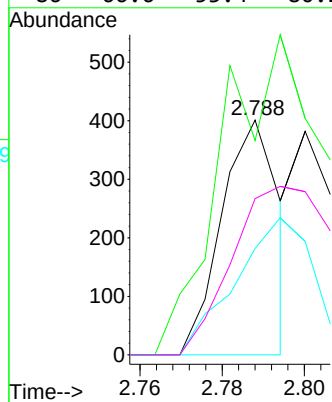
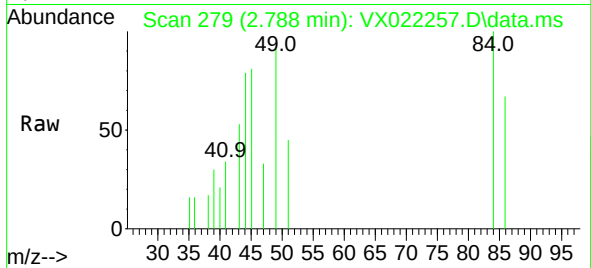


#18
Methylene Chloride
Concen: 0.31 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022257.D
Acq: 28 May 2021 16:47

Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002DL

Tgt Ion: 84 Resp: 392

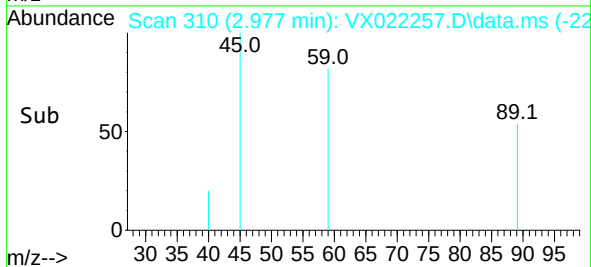
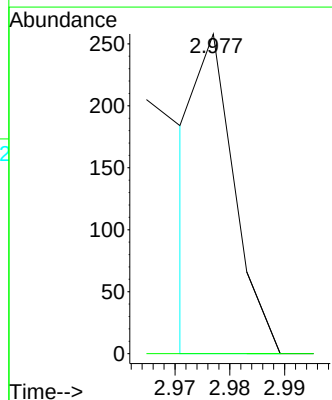
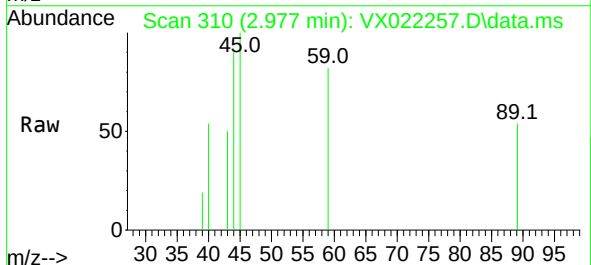
Ion	Ratio	Lower	Upper
84	100		
49	65.3	101.6	152.4#
51	45.4	30.5	45.7
86	66.6	53.4	80.2

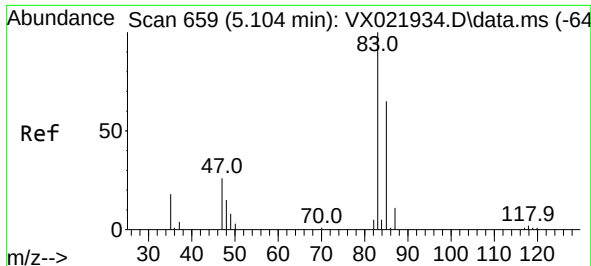


#23
tert-Butyl Alcohol
Concen: 0.40 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX022257.D
Acq: 28 May 2021 16:47

Tgt Ion: 59 Resp: 118

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

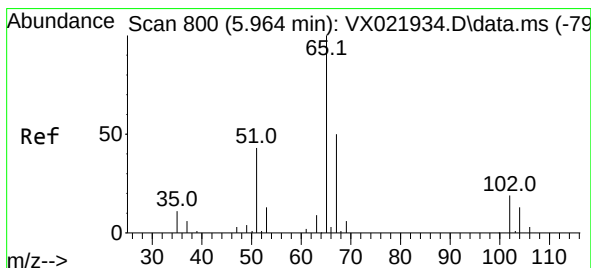
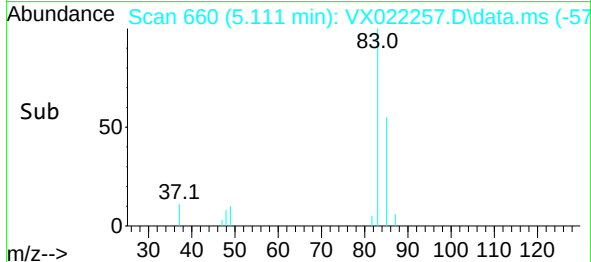
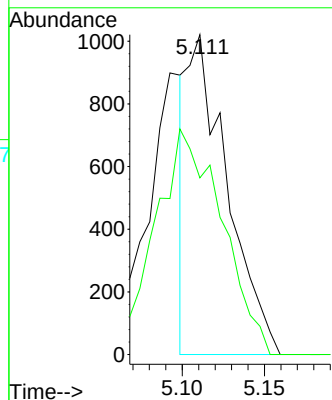
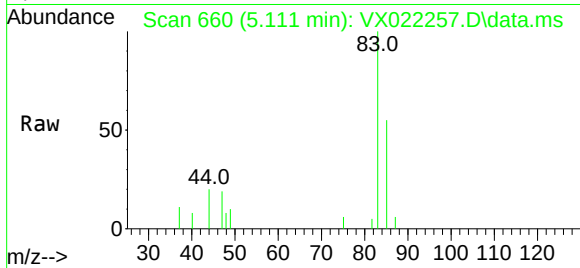




#25
Chloroform
Concen: 0.80 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX022257.D
Acq: 28 May 2021 16:47

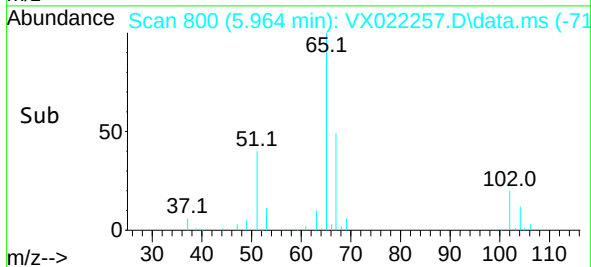
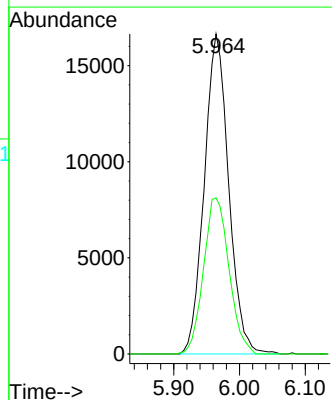
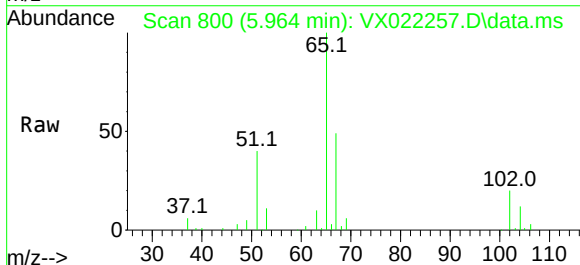
Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002DL

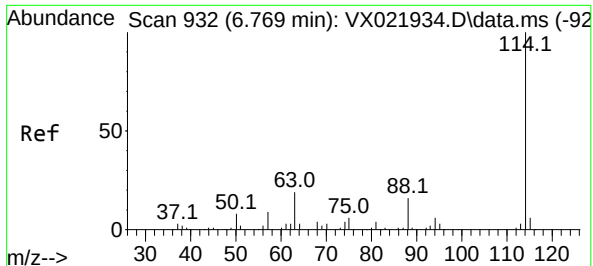
Tgt Ion: 83 Resp: 1720
Ion Ratio Lower Upper
83 100
85 55.2 51.9 77.9



#27
1,2-Dichloroethane-d4
Concen: 31.04 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022257.D
Acq: 28 May 2021 16:47

Tgt Ion: 65 Resp: 42979
Ion Ratio Lower Upper
65 100
67 51.0 41.5 62.3





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022257.D

Acq: 28 May 2021 16:47

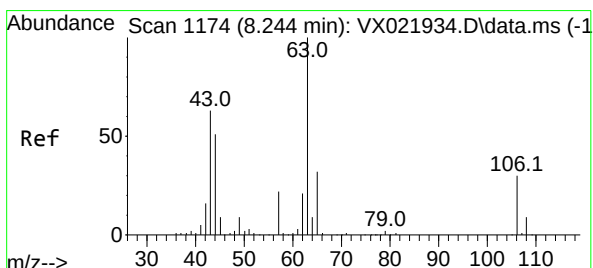
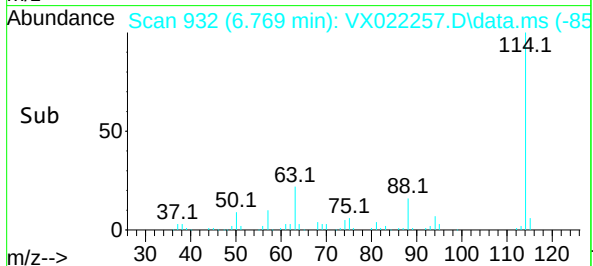
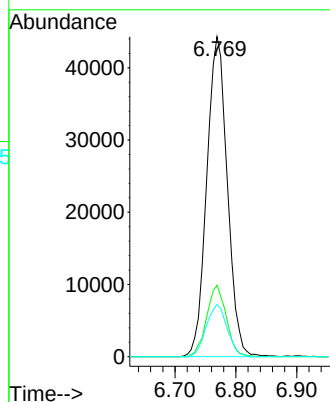
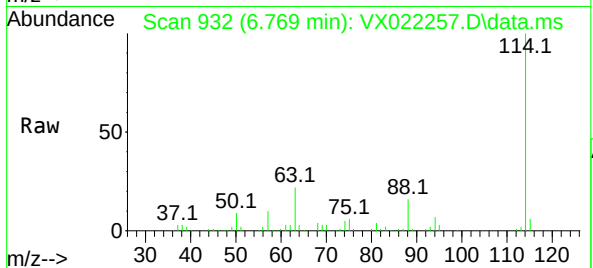
Tgt Ion:114 Resp: 103956

Ion Ratio Lower Upper

114 100

63 21.4 16.6 25.0

88 16.5 13.1 19.7



#55

2-Chloroethyl vinyl ether

Concen: 1.16 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX022257.D

Acq: 28 May 2021 16:47

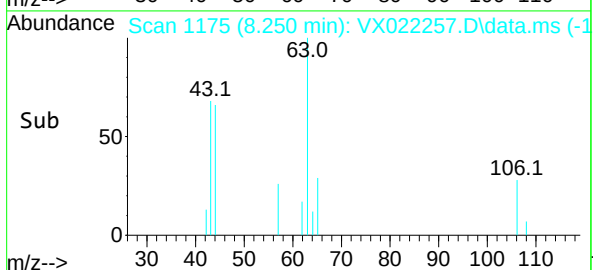
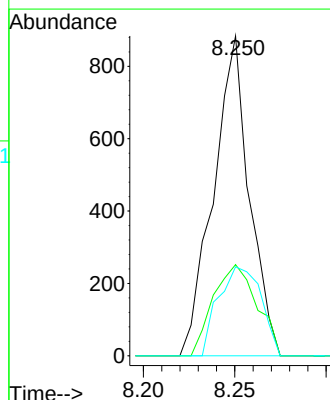
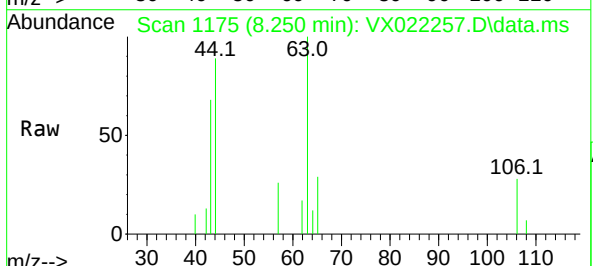
Tgt Ion: 63 Resp: 1208

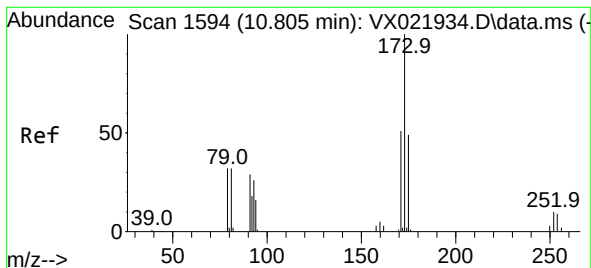
Ion Ratio Lower Upper

63 100

65 34.8 25.6 38.4

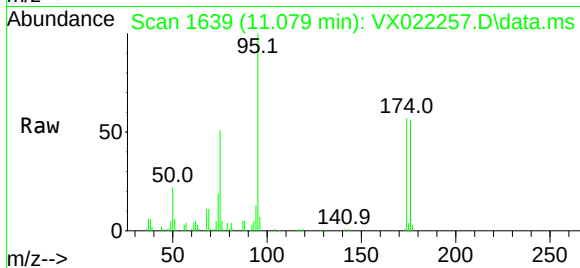
106 33.0 23.2 34.8



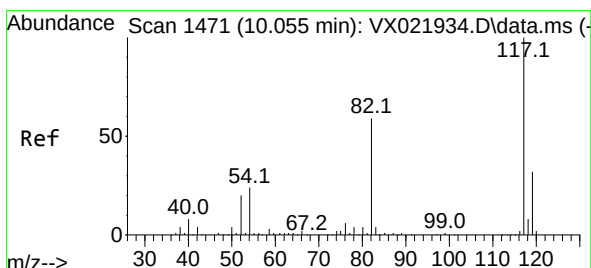
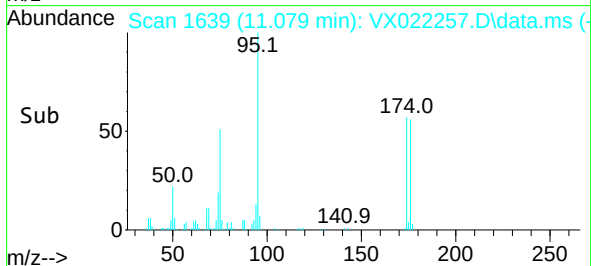
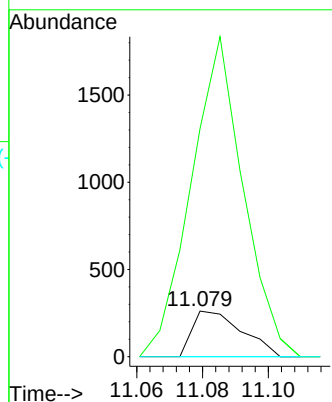


#56
Bromoform
Concen: 0.35 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.275 min
Lab File: VX022257.D
Acq: 28 May 2021 16:47

Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002DL

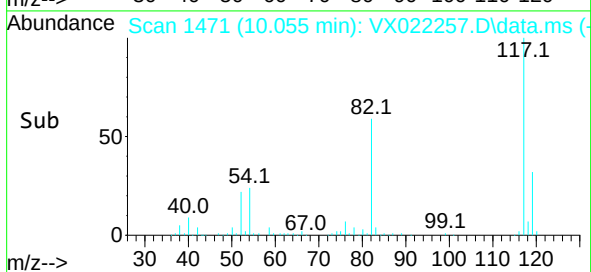
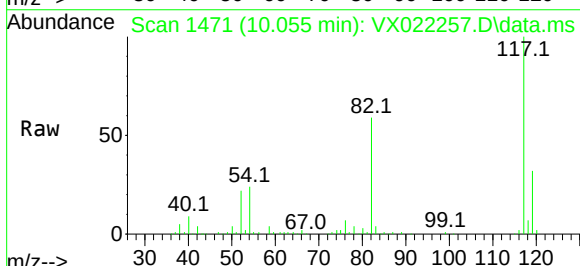
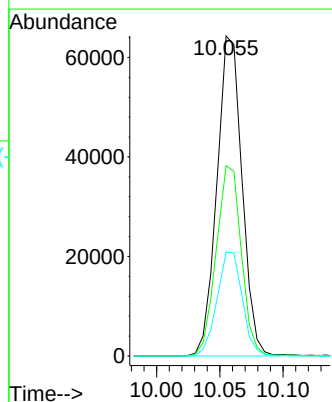


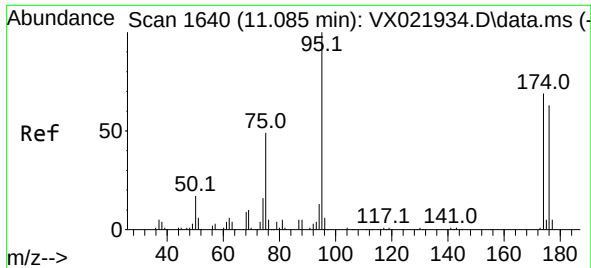
Tgt Ion:173 Resp: 275
Ion Ratio Lower Upper
173 100
175 735.6 39.4 59.2#
254 0.0 8.0 12.0#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022257.D
Acq: 28 May 2021 16:47

Tgt Ion:117 Resp: 88806
Ion Ratio Lower Upper
117 100
82 59.4 44.9 67.3
119 32.7 25.0 37.6

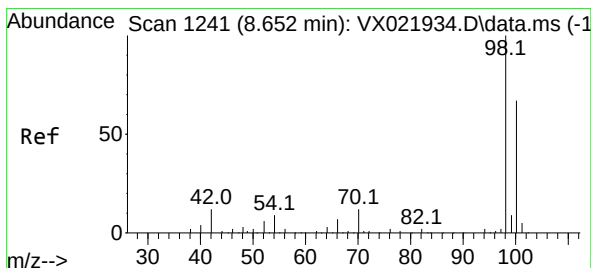
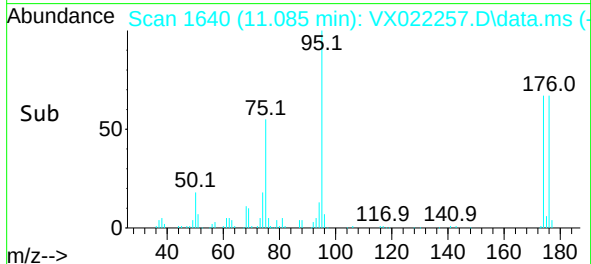
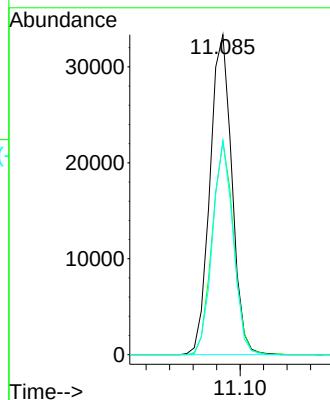
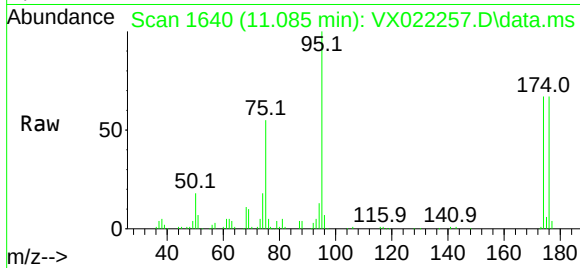




#60
4-Bromofluorobenzene
Concen: 29.31 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022257.D
Acq: 28 May 2021 16:47

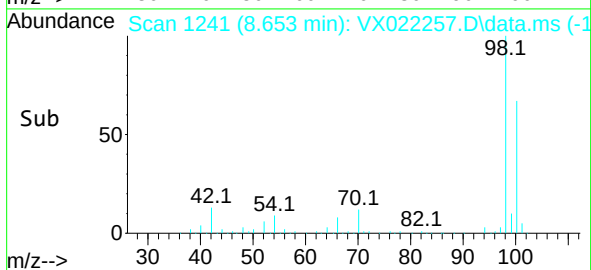
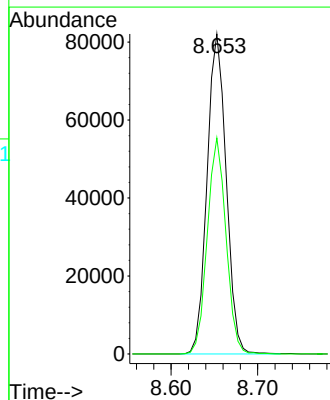
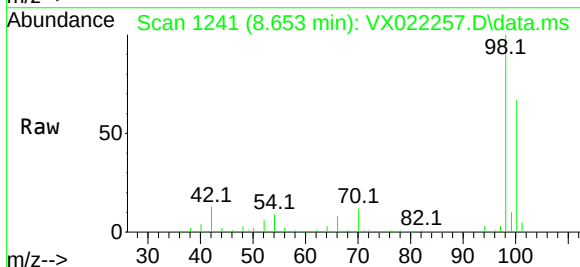
Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002DL

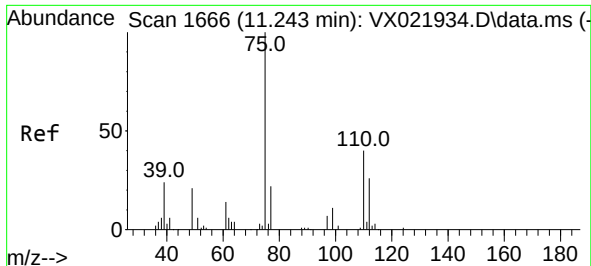
Tgt Ion: 95 Resp: 43204
Ion Ratio Lower Upper
95 100
174 65.1 52.2 78.2
176 63.0 49.3 73.9



#63
Toluene-d8
Concen: 31.02 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX022257.D
Acq: 28 May 2021 16:47

Tgt Ion: 98 Resp: 125880
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

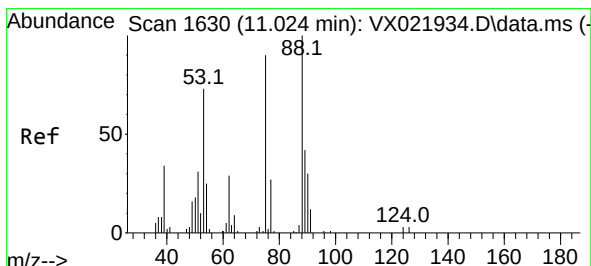
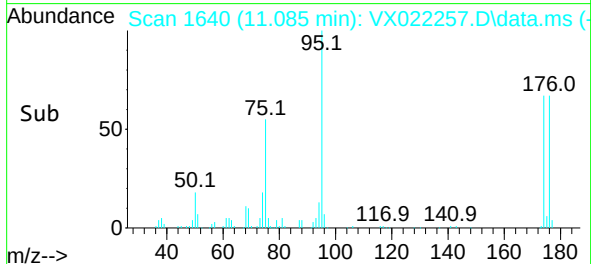
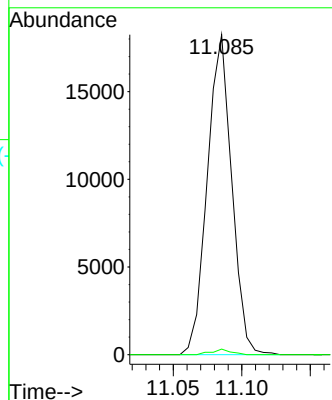
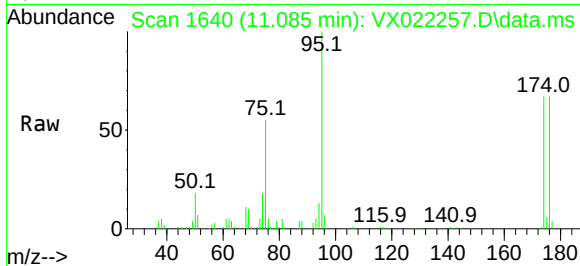




#72
1,2,3-Trichloropropane
Concen: 14.29 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX022257.D
Acq: 28 May 2021 16:47

Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002DL

Tgt Ion: 75 Resp: 22647
Ion Ratio Lower Upper
75 100
77 1.4 0.0 33.0



#77
t-1,4-Dichloro-2-butene
Concen: 35.25 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022257.D
Acq: 28 May 2021 16:47

Tgt Ion: 75 Resp: 22647
Ion Ratio Lower Upper
75 100
53 0.0 40.2 120.6#
89 0.0 23.4 70.0#

