

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033221.D
 Acq On : 05 Dec 2022 13:08
 Operator : JC/MD
 Sample : N5763-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Dec 06 05:41:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 Response via : Initial Calibration

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

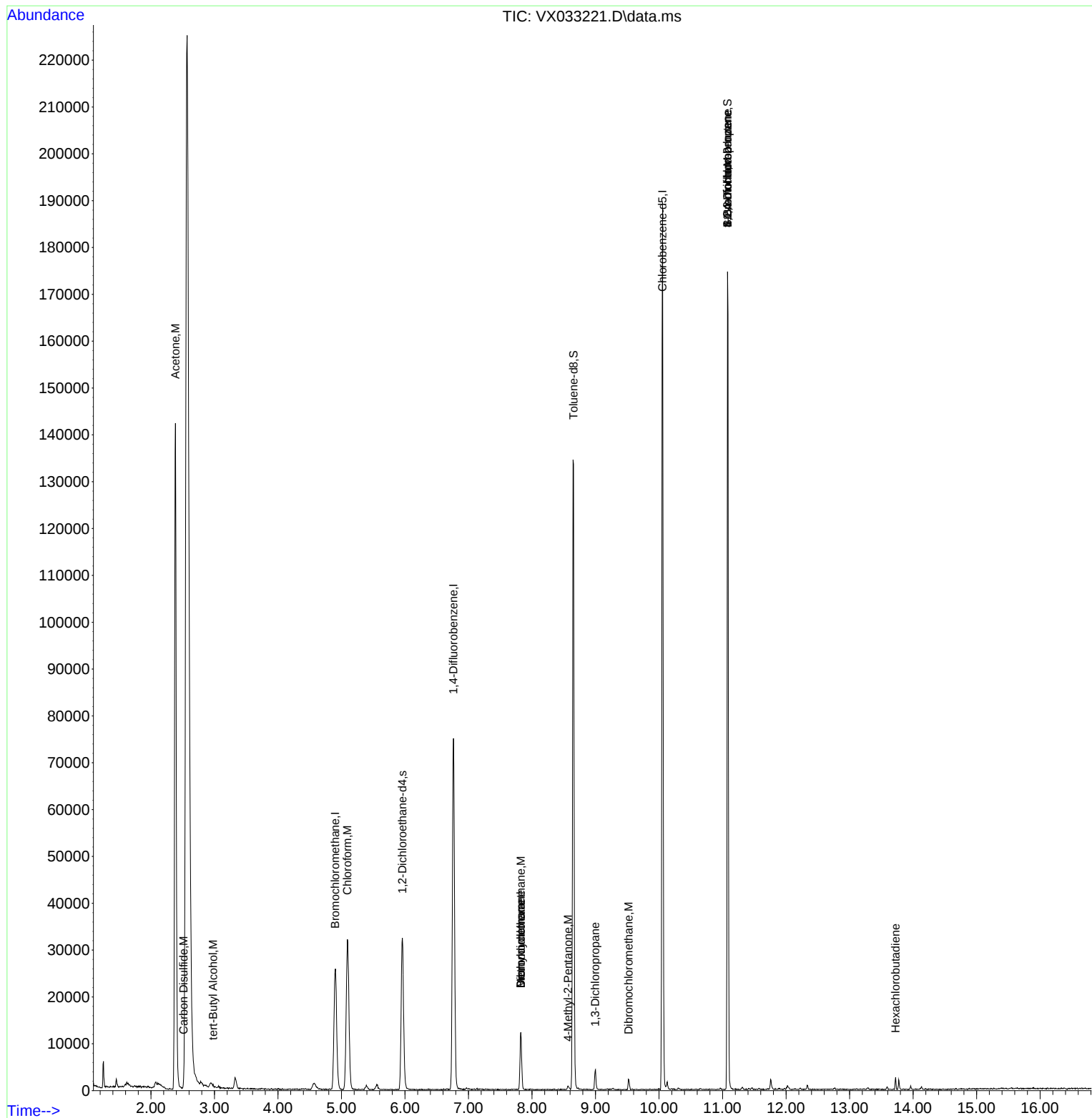
Internal Standards						
1) Bromochloromethane	4.898	128	11647	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	77718	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	84807	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	32963	29.336	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.800%
60) 4-Bromofluorobenzene	11.079	95	43964	27.101	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.333%
63) Toluene-d8	8.653	98	83507	29.177	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.267%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	48303	308.735	ug/l	88
16) Carbon Disulfide	2.514	76	761	0.270	ug/l #	94
23) tert-Butyl Alcohol	2.977	59	133	0.681	ug/l #	100
25) Chloroform	5.093	83	38884	15.384	ug/l	97
38) Methylcyclohexane	7.824	83	7944	4.113	ug/l #	22
40) Dibromomethane	7.824	93	210	0.224	ug/l #	3
41) Bromodichloromethane	7.824	83	8032	4.490	ug/l	97
52) 1,3-Dichloropropane	8.994	76	665	0.315	ug/l #	42
53) Dibromochloromethane	9.519	129	1143	0.814	ug/l	99
56) Bromoform	11.079	173	320	0.318	ug/l #	1
58) 4-Methyl-2-Pentanone	8.568	43	1326	0.799	ug/l #	39
72) 1,2,3-Trichloropropane	11.079	75	23494	14.141	ug/l	38
77) t-1,4-Dichloro-2-butene	11.079	75	23494	46.340	ug/l #	8
90) Hexachlorobutadiene	13.725	225	437	0.633	ug/l	95

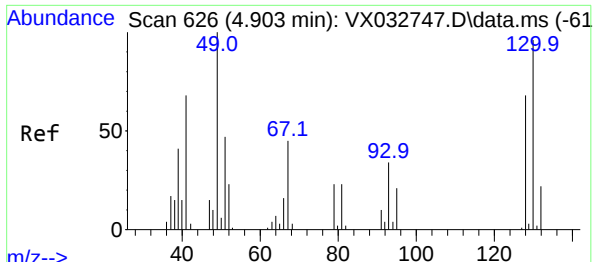
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
Data File : VX033221.D
Acq On : 05 Dec 2022 13:08
Operator : JC/MD
Sample : N5763-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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

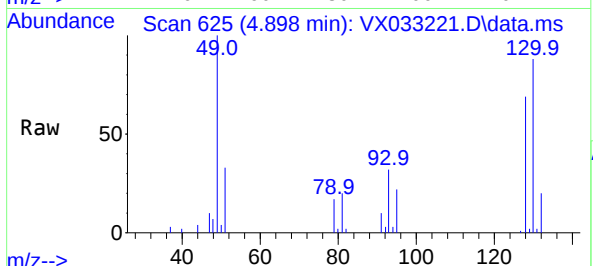
Quant Time: Dec 06 05:41:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 11 05:24:06 2022
Response via : Initial Calibration



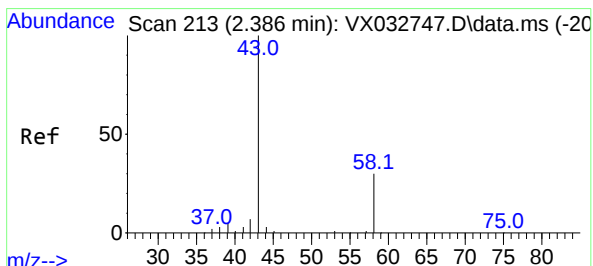
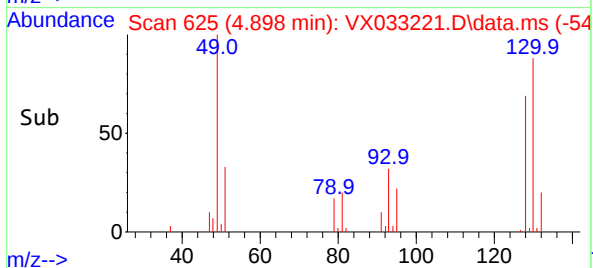
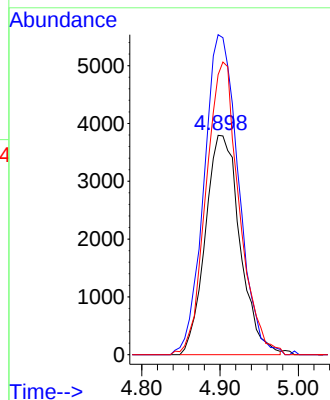


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.005 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

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

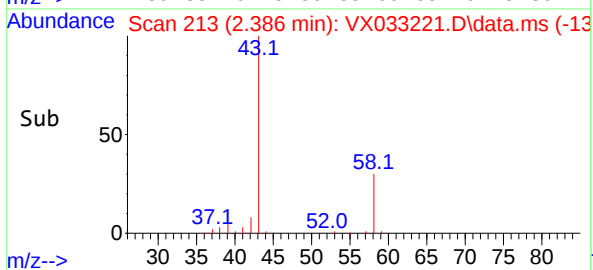
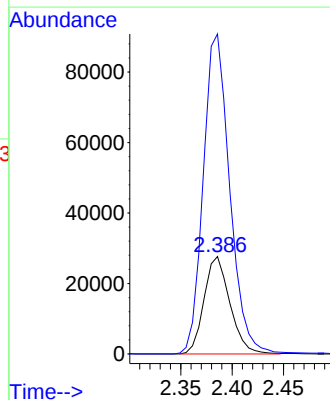
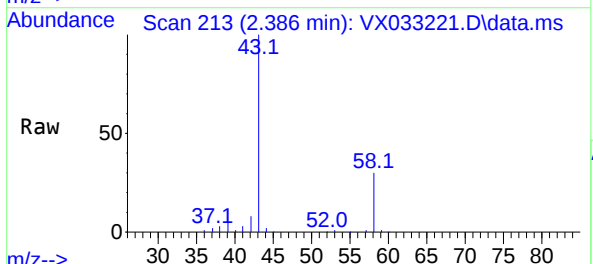


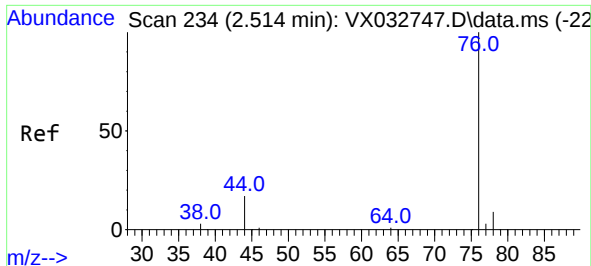
Tgt Ion:128 Resp: 11647
Ion Ratio Lower Upper
128 100
49 145.6 0.0 293.0
130 127.7 0.0 321.5



#15
Acetone
Concen: 308.735 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

Tgt Ion: 58 Resp: 48303
Ion Ratio Lower Upper
58 100
43 327.6 242.6 364.0

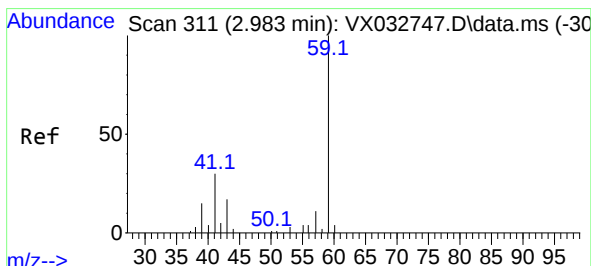
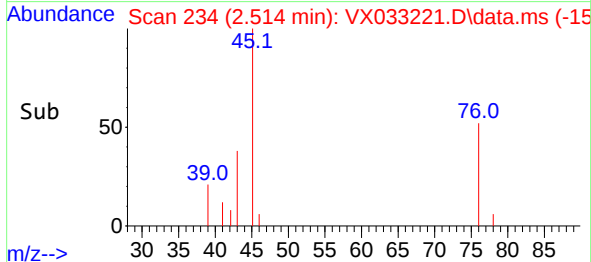
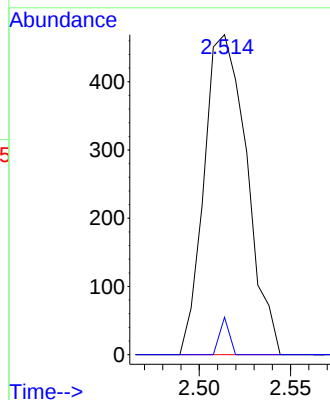
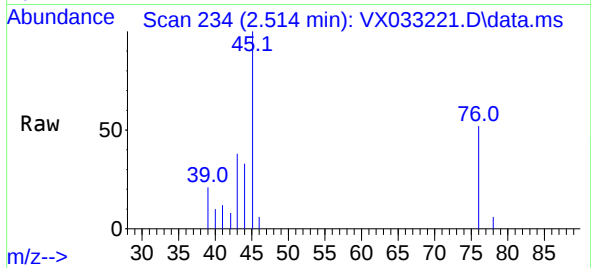




#16
Carbon Disulfide
Concen: 0.270 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

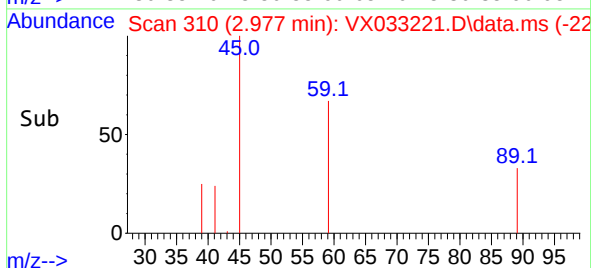
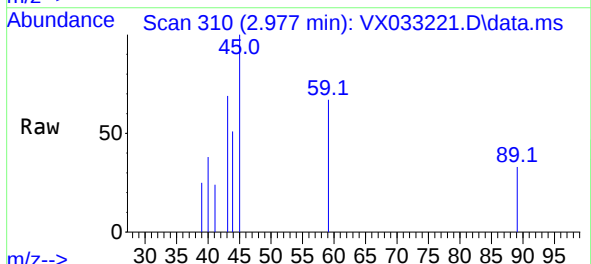
Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002

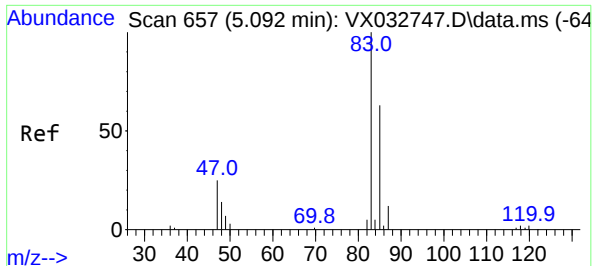
Tgt Ion: 76 Resp: 761
Ion Ratio Lower Upper
76 100
78 11.7 7.5 11.3#



#23
tert-Butyl Alcohol
Concen: 0.681 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

Tgt Ion: 59 Resp: 133
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0





#25

Chloroform

Concen: 15.384 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX033221.D

Acq: 05 Dec 2022 13:08

Instrument :

MSVOA_X

ClientSampleId :

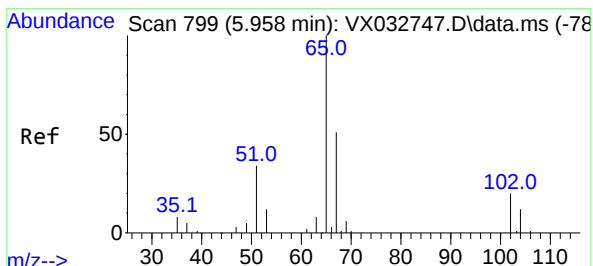
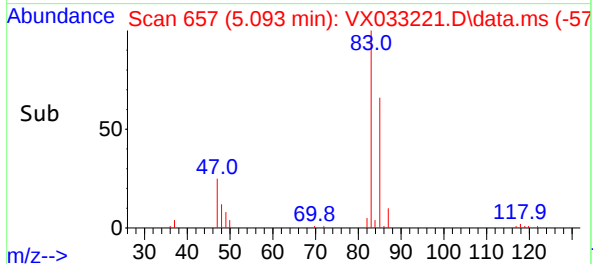
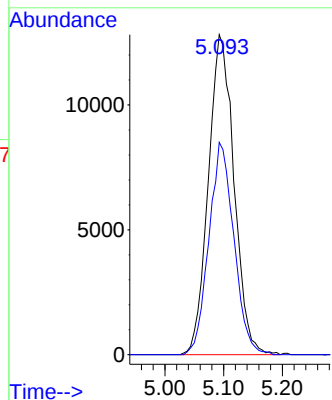
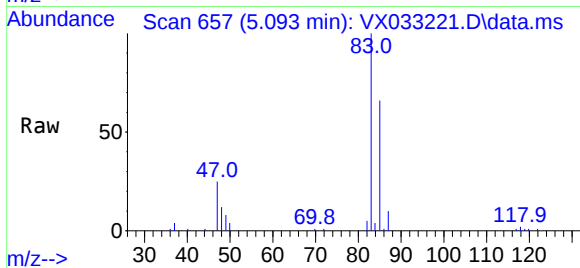
DSN-002-SEWER-OUTLET-002

Tgt Ion: 83 Resp: 38884

Ion Ratio Lower Upper

83 100

85 66.3 51.4 77.0



#27

1,2-Dichloroethane-d4

Concen: 29.336 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033221.D

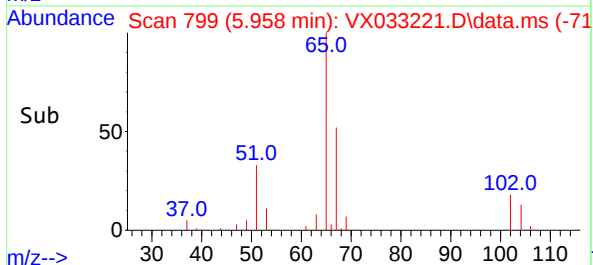
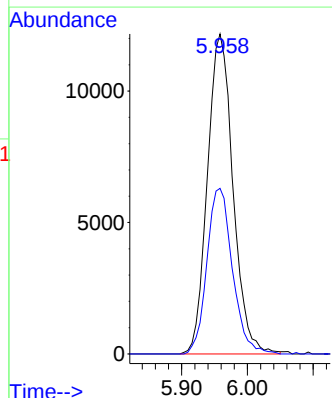
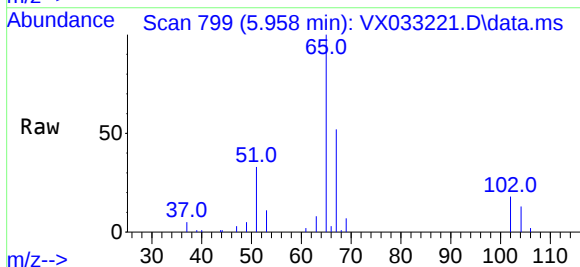
Acq: 05 Dec 2022 13:08

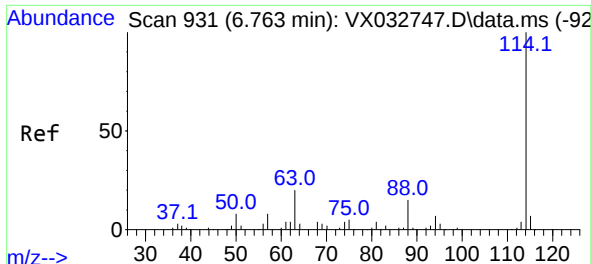
Tgt Ion: 65 Resp: 32963

Ion Ratio Lower Upper

65 100

67 51.7 41.8 62.6



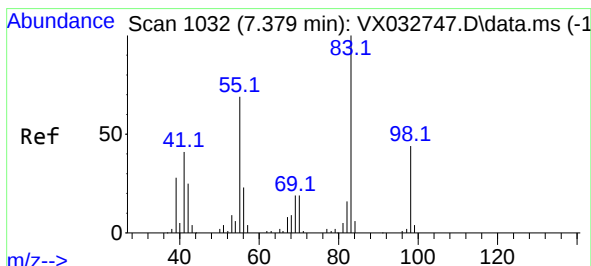
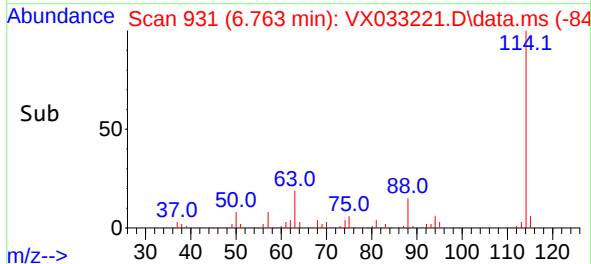
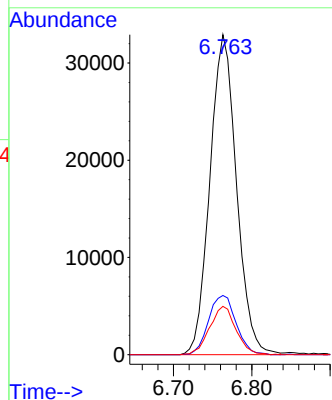
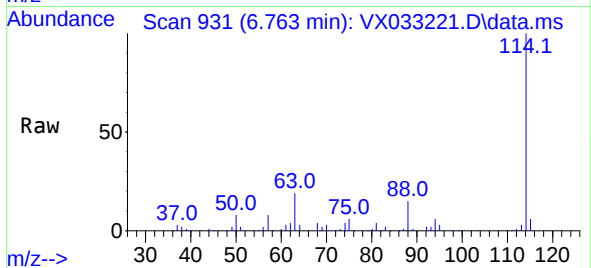


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

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

Tgt Ion:114 Resp: 77718

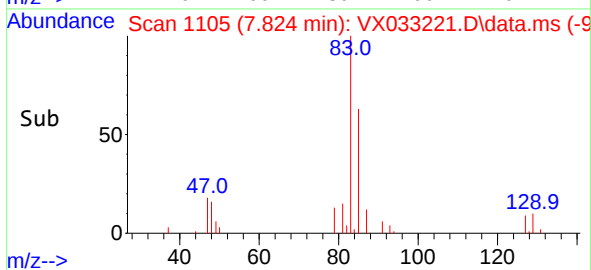
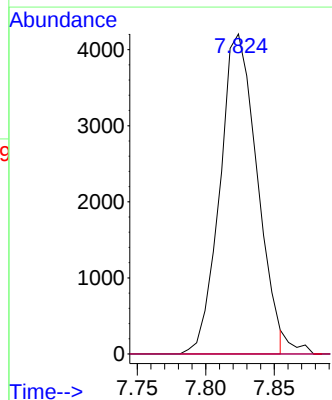
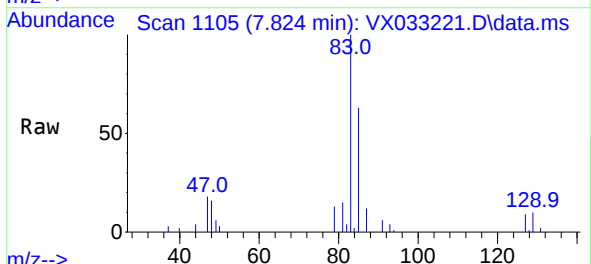
Ion	Ratio	Lower	Upper
114	100		
63	19.1	13.6	20.4
88	15.0	11.8	17.6

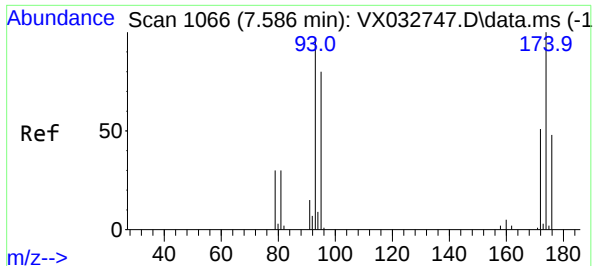


#38
Methylcyclohexane
Concen: 4.113 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.445 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

Tgt Ion: 83 Resp: 7944

Ion	Ratio	Lower	Upper
83	100		
55	0.0	31.6	94.7#
98	0.0	26.9	80.6#





#40

Dibromomethane

Concen: 0.224 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.238 min

Lab File: VX033221.D

Acq: 05 Dec 2022 13:08

Instrument :

MSVOA_X

ClientSampleId :

DSN-002-SEWER-OUTLET-002

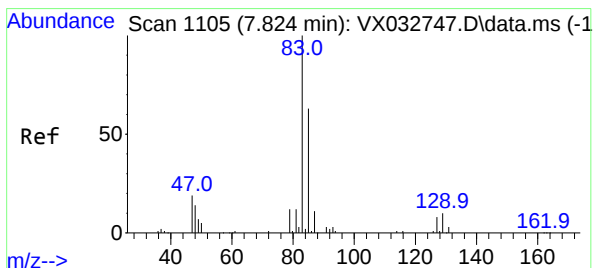
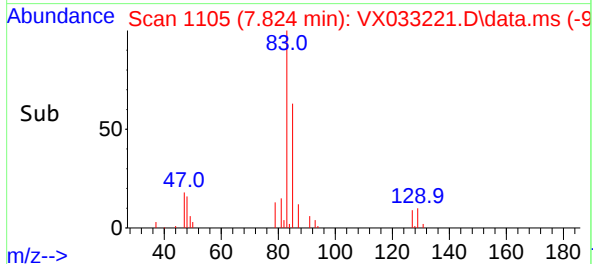
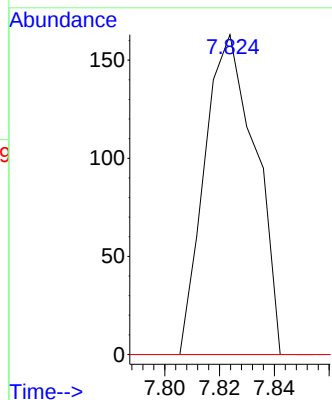
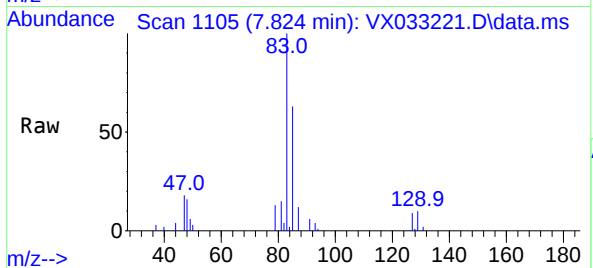
Tgt Ion: 93 Resp: 210

Ion Ratio Lower Upper

93 100

95 0.0 0.0 165.0

174 0.0 0.0 205.2



#41

Bromodichloromethane

Concen: 4.490 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX033221.D

Acq: 05 Dec 2022 13:08

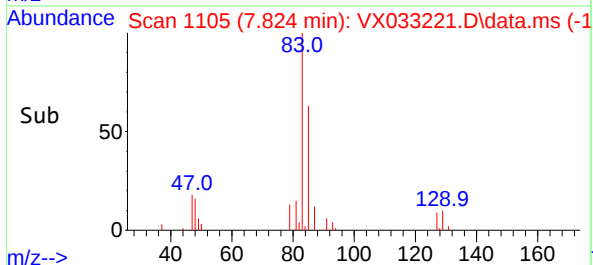
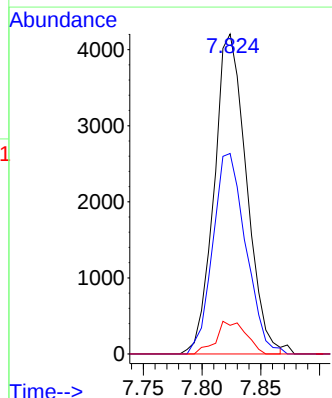
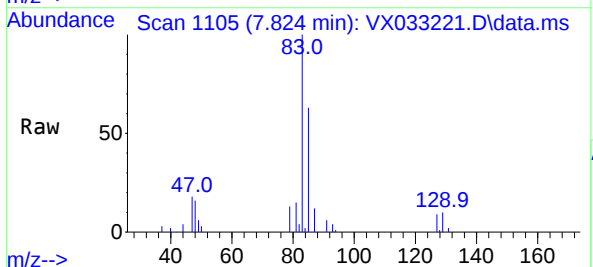
Tgt Ion: 83 Resp: 8032

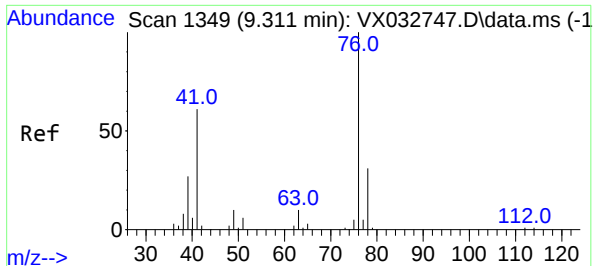
Ion Ratio Lower Upper

83 100

85 62.7 52.3 78.5

127 9.0 6.8 10.2

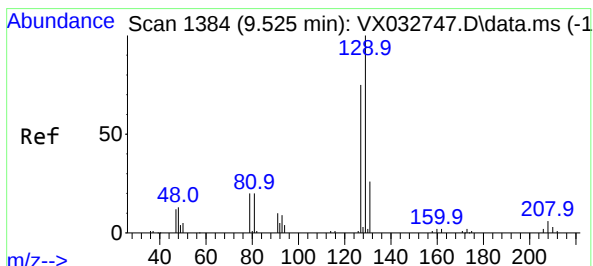
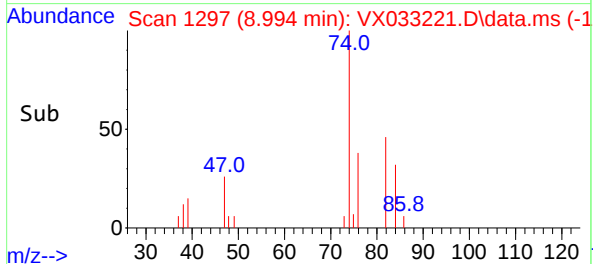
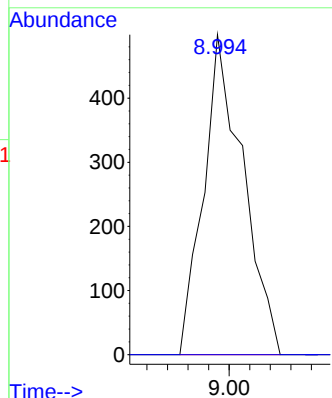
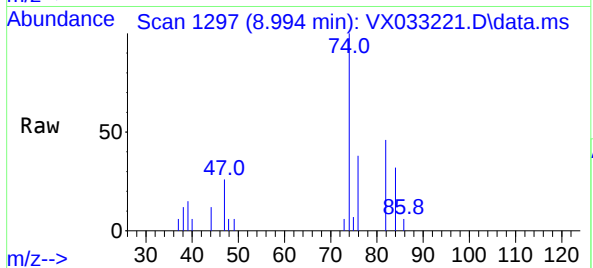




#52
1,3-Dichloropropane
Concen: 0.315 ug/l
RT: 8.994 min Scan# 11
Delta R.T. -0.317 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

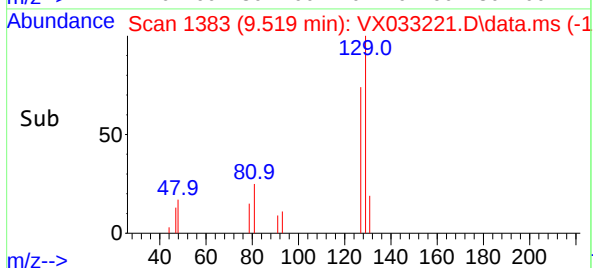
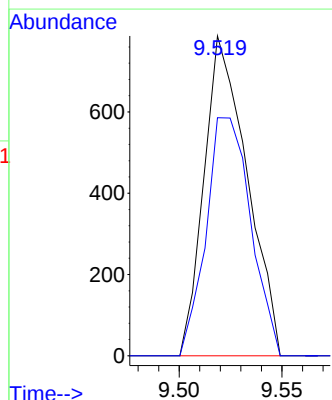
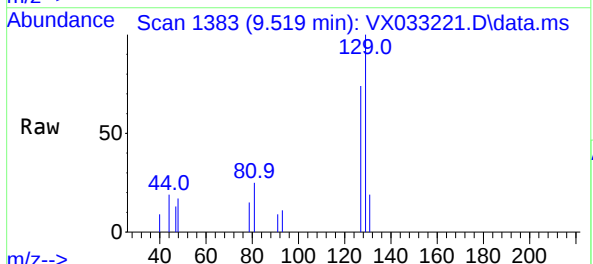
Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002

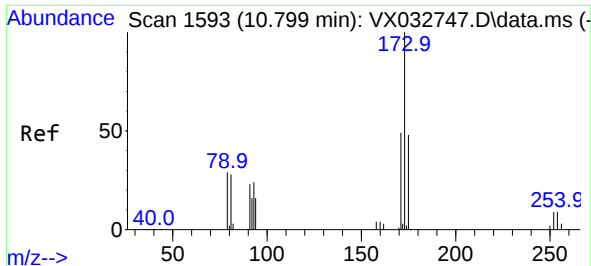
Tgt Ion: 76 Resp: 665
Ion Ratio Lower Upper
76 100
78 0.0 0.0 66.0



#53
Dibromochloromethane
Concen: 0.814 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

Tgt Ion: 129 Resp: 1143
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

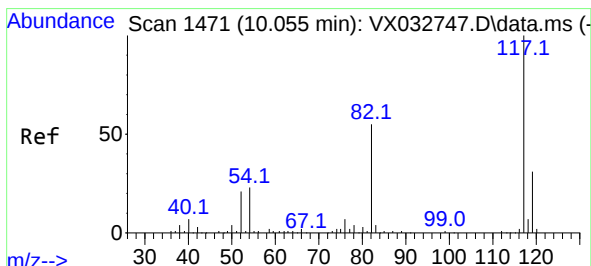
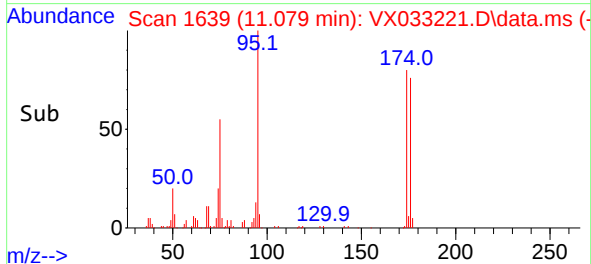
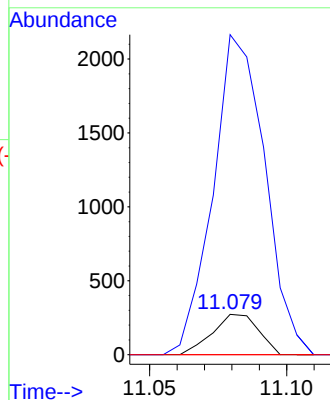
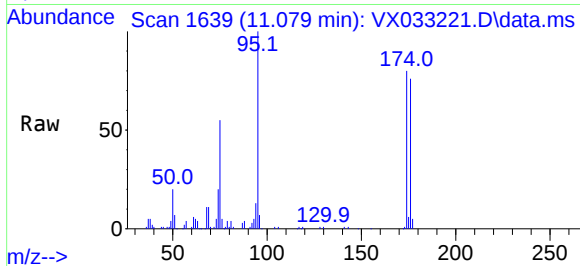




#56
Bromoform
Concen: 0.318 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.281 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

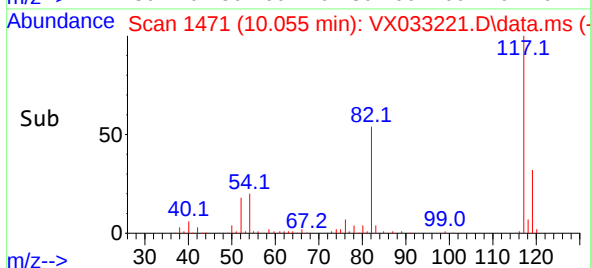
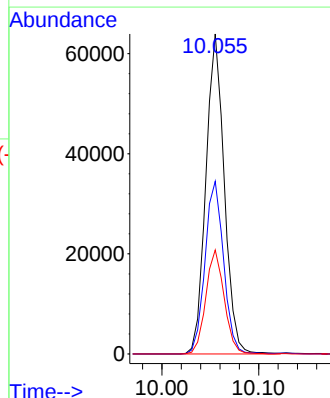
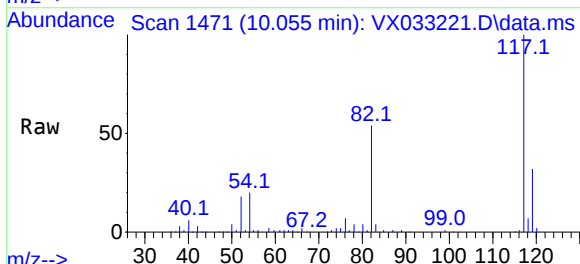
Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002

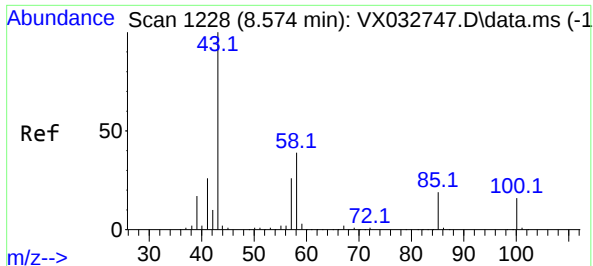
Tgt Ion:173 Resp: 320
Ion Ratio Lower Upper
173 100
175 890.6 38.6 58.0#
254 0.0 6.8 10.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

Tgt Ion:117 Resp: 84807
Ion Ratio Lower Upper
117 100
82 54.6 40.0 60.0
119 32.5 26.0 39.0





#58

4-Methyl-2-Pentanone

Concen: 0.799 ug/l

RT: 8.568 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033221.D

Acq: 05 Dec 2022 13:08

Instrument :

MSVOA_X

ClientSampleId :

DSN-002-SEWER-OUTLET-002

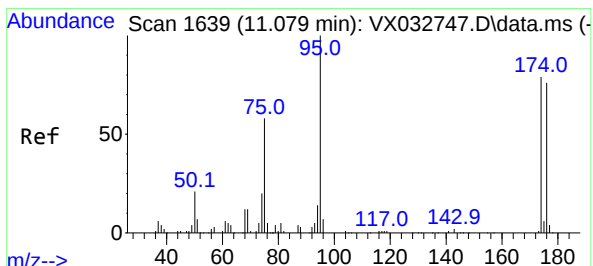
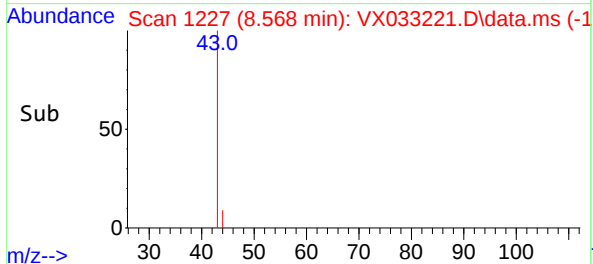
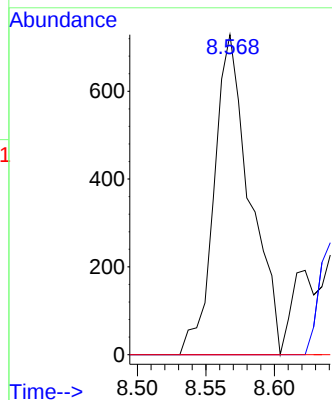
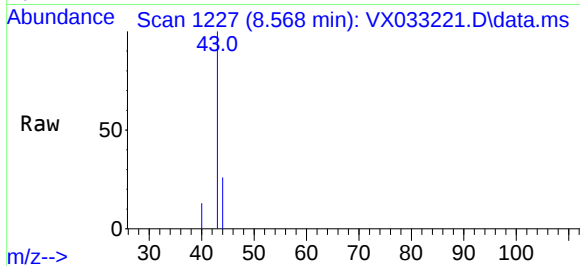
Tgt Ion: 43 Resp: 1326

Ion Ratio Lower Upper

43 100

58 0.0 34.9 52.3#

85 0.0 19.4 29.2#



#60

4-Bromofluorobenzene

Concen: 27.101 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033221.D

Acq: 05 Dec 2022 13:08

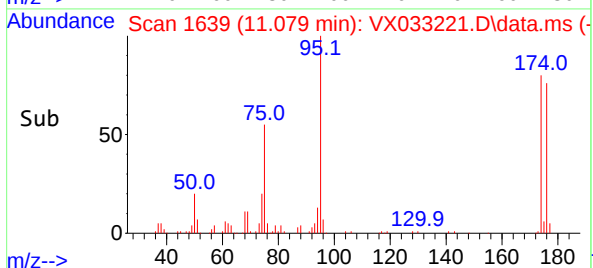
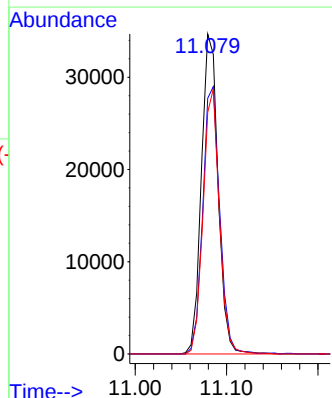
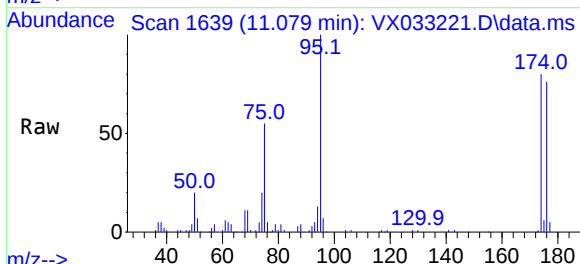
Tgt Ion: 95 Resp: 43964

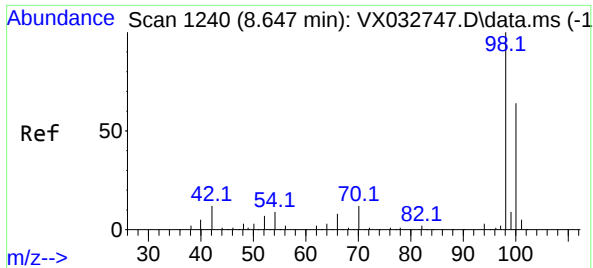
Ion Ratio Lower Upper

95 100

174 84.8 68.2 102.2

176 80.7 68.1 102.1

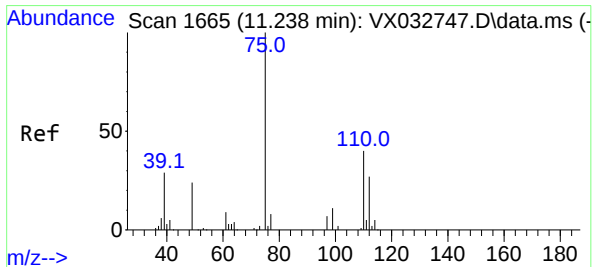
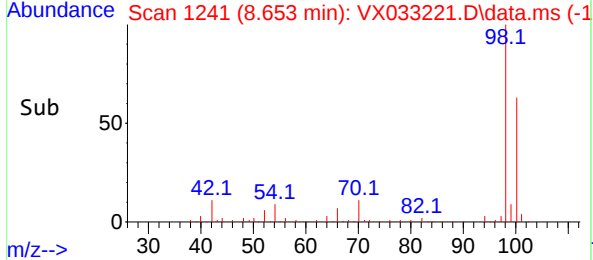
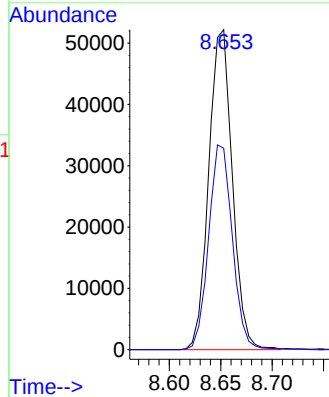
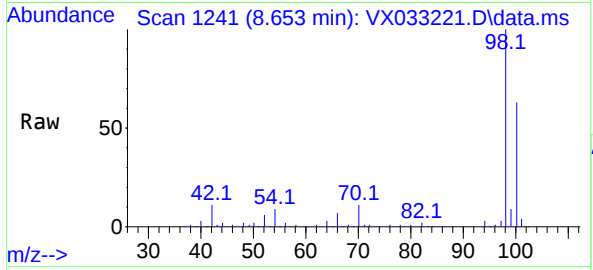




#63
Toluene-d8
Concen: 29.177 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

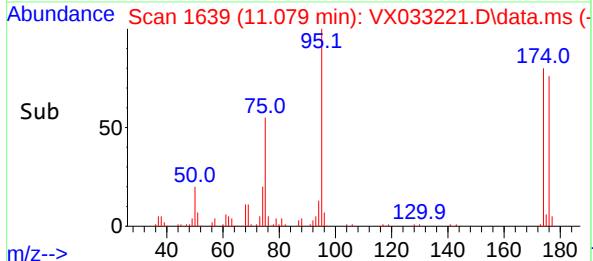
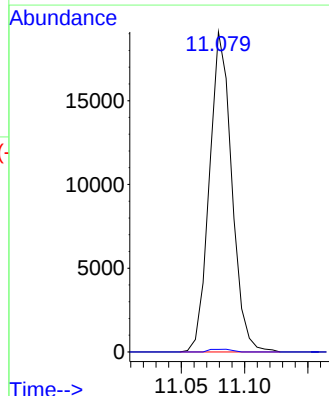
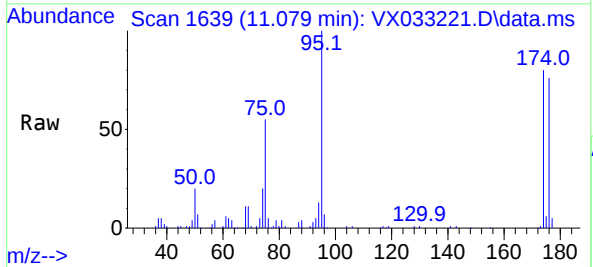
Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002

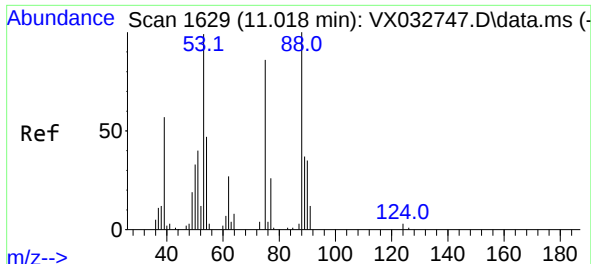
Tgt Ion: 98 Resp: 83507
Ion Ratio Lower Upper
98 100
100 64.3 53.8 80.8



#72
1,2,3-Trichloropropane
Concen: 14.141 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

Tgt Ion: 75 Resp: 23494
Ion Ratio Lower Upper
75 100
77 0.8 0.0 76.6

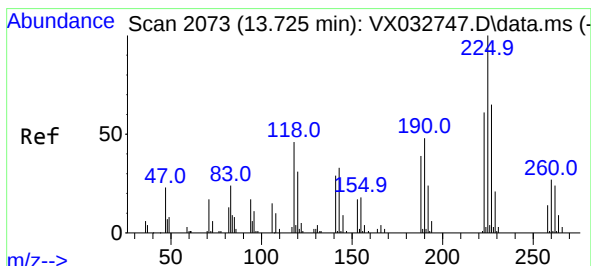
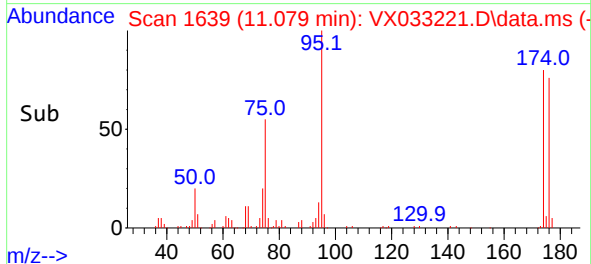
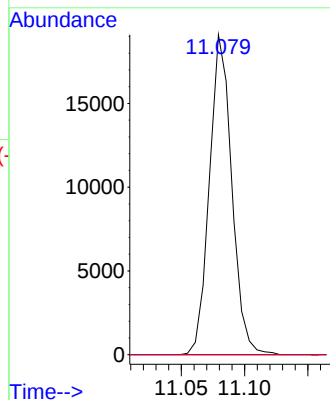
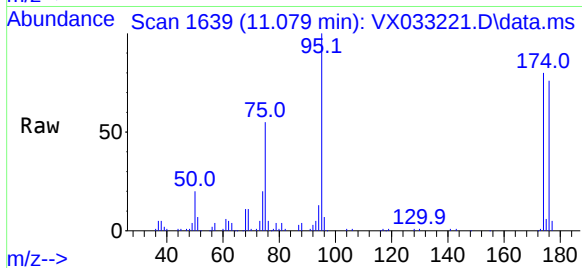




#77
t-1,4-Dichloro-2-butene
Concen: 46.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

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

Tgt Ion: 75 Resp: 23494
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.4#
89 0.0 22.9 68.8#



#90
Hexachlorobutadiene
Concen: 0.633 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

Tgt Ion: 225 Resp: 437
Ion Ratio Lower Upper
225 100
223 62.5 0.0 126.0
227 55.8 0.0 127.6

