

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
 Data File : VX033097.D
 Acq On : 28 Nov 2022 18:10
 Operator : JC/MD
 Sample : N5763-01 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DSN-001-SEWER-OUTLET-001

Quant Time: Nov 29 03:45:19 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)

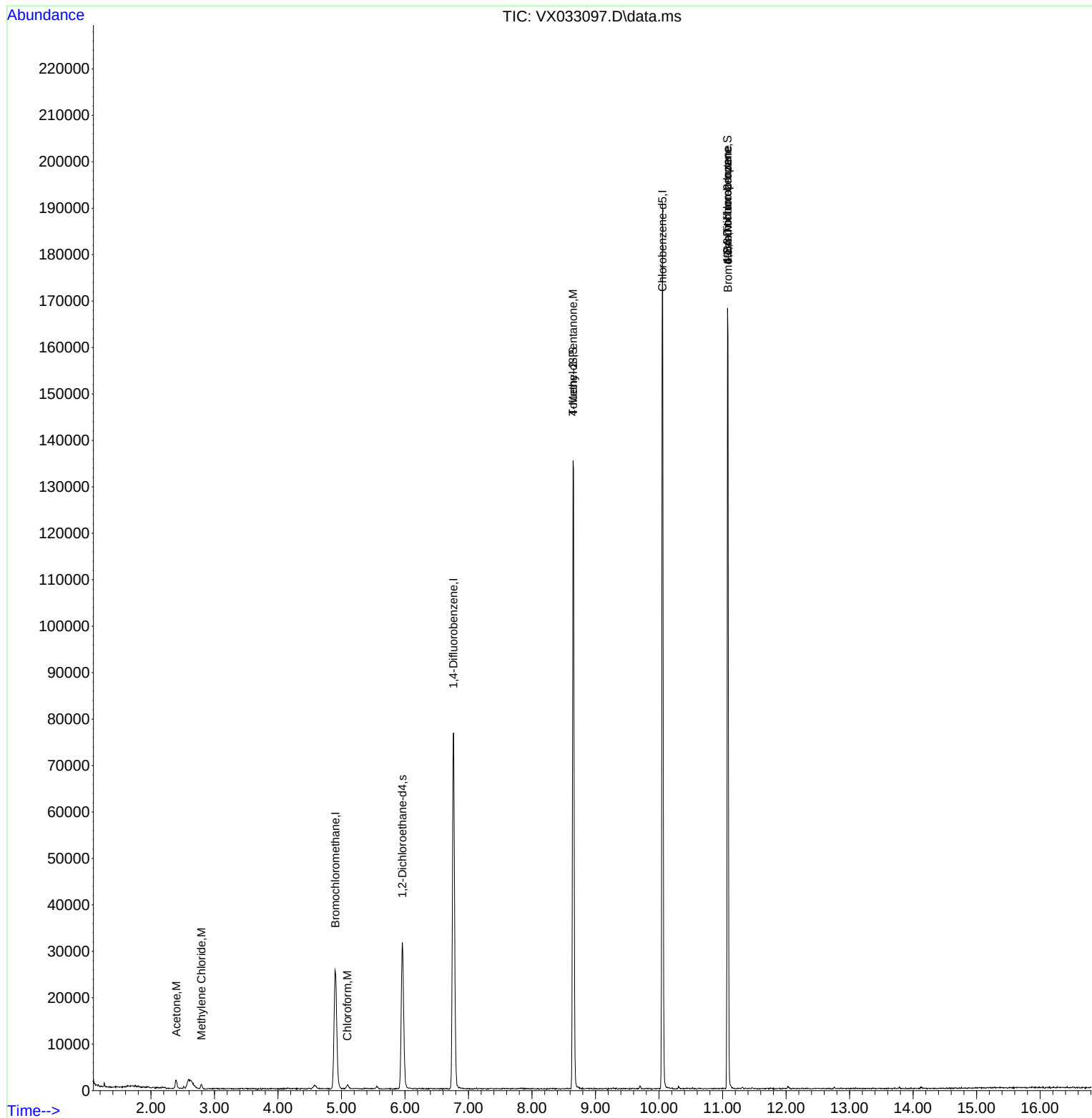
Internal Standards						
1) Bromochloromethane	4.903	128	11227	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	78496	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	83825	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	32481	29.989	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.967%
60) 4-Bromofluorobenzene	11.079	95	42735	26.652	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.833%
63) Toluene-d8	8.647	98	81428	28.784	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.933%
Target Compounds						
					Qvalue	
15) Acetone	2.398	58	733	4.860	ug/l	82
18) Methylene Chloride	2.794	84	326	0.259	ug/l #	91
25) Chloroform	5.092	83	1191	0.489	ug/l	85
56) Bromoform	11.085	173	446	0.439	ug/l #	1
58) 4-Methyl-2-Pentanone	8.647	43	395	0.241	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	23232	14.147	ug/l	38
77) t-1,4-Dichloro-2-butene	11.079	75	23232	46.360	ug/l #	8

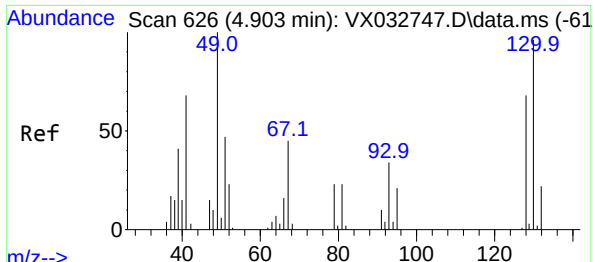
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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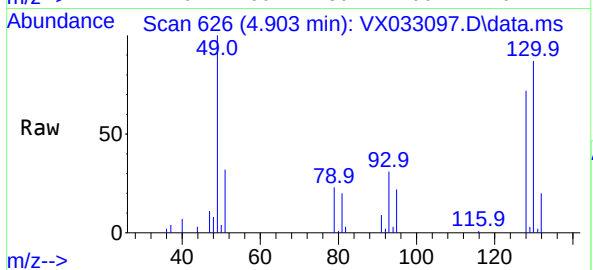
Quant Time: Nov 29 03:45:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 11 05:24:06 2022
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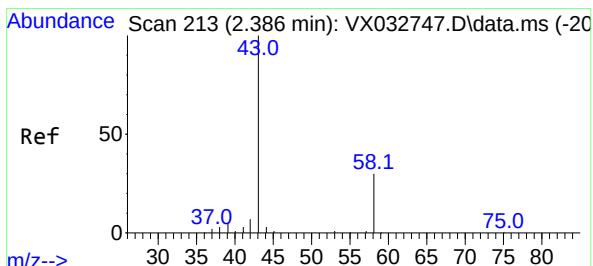
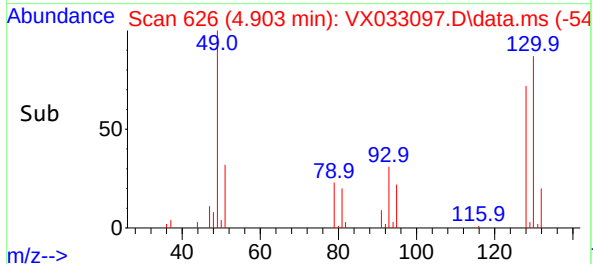
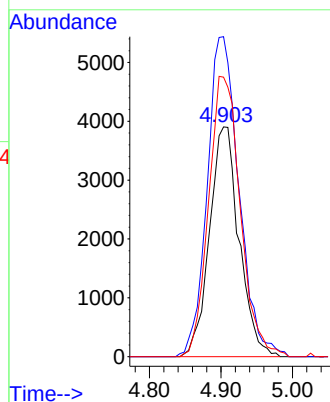


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033097.D
Acq: 28 Nov 2022 18:10

Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001

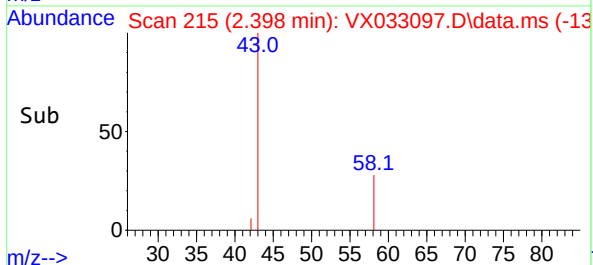
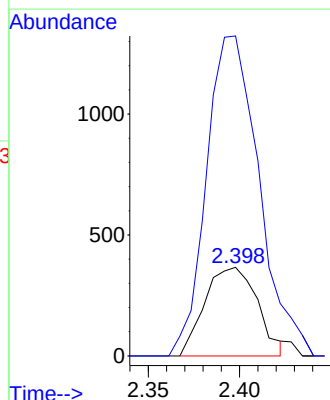
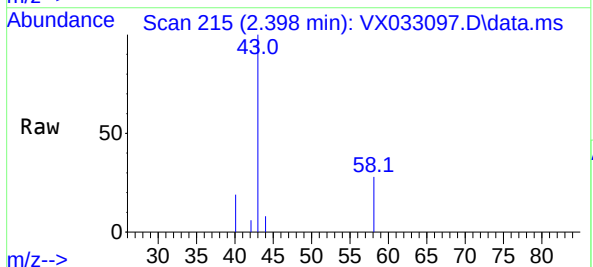


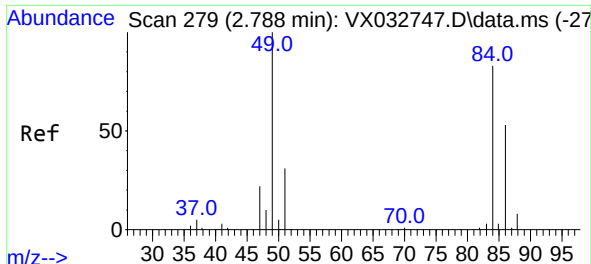
Tgt Ion:128 Resp: 11227
Ion Ratio Lower Upper
128 100
49 149.3 0.0 293.0
130 130.6 0.0 321.5



#15
Acetone
Concen: 4.860 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX033097.D
Acq: 28 Nov 2022 18:10

Tgt Ion: 58 Resp: 733
Ion Ratio Lower Upper
58 100
43 339.1 242.6 364.0



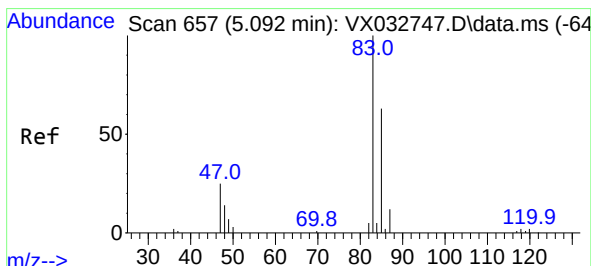
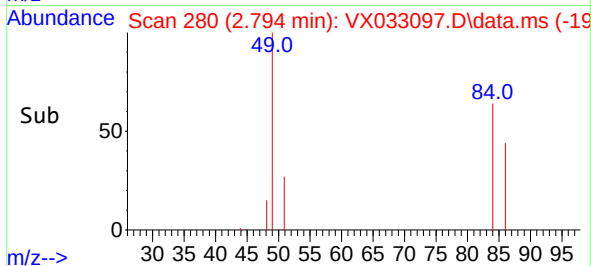
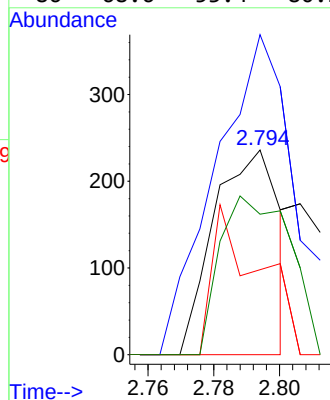
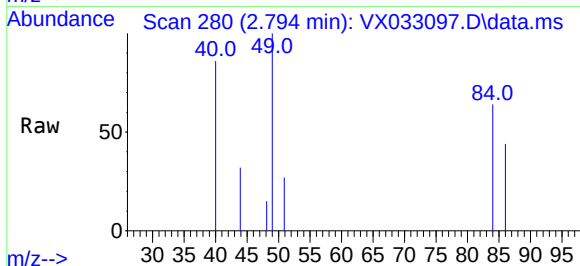


#18
Methylene Chloride
Concen: 0.259 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033097.D
Acq: 28 Nov 2022 18:10

Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001

Tgt Ion: 84 Resp: 326

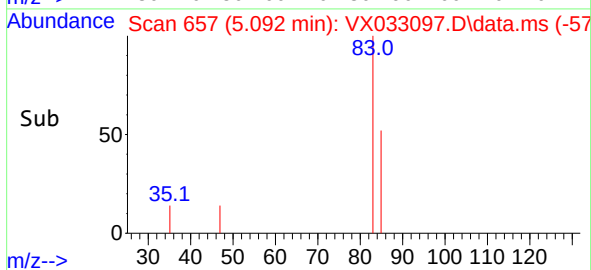
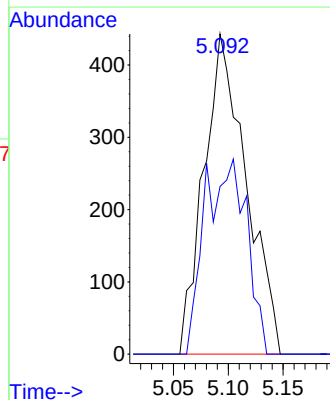
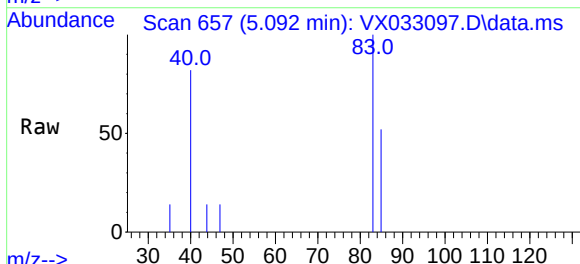
Ion	Ratio	Lower	Upper
84	100		
49	118.2	84.6	127.0
51	41.5	26.5	39.7#
86	68.6	53.4	80.2

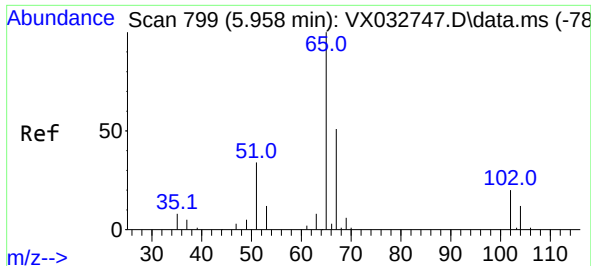


#25
Chloroform
Concen: 0.489 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX033097.D
Acq: 28 Nov 2022 18:10

Tgt Ion: 83 Resp: 1191

Ion	Ratio	Lower	Upper
83	100		
85	52.4	51.4	77.0

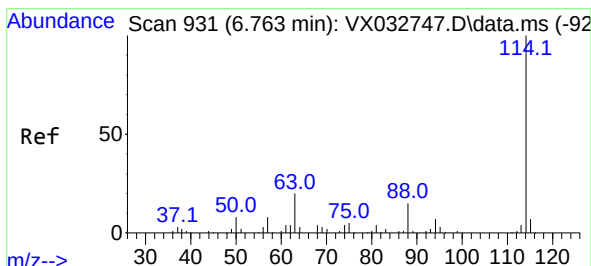
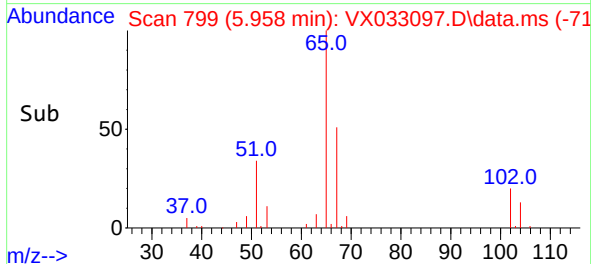
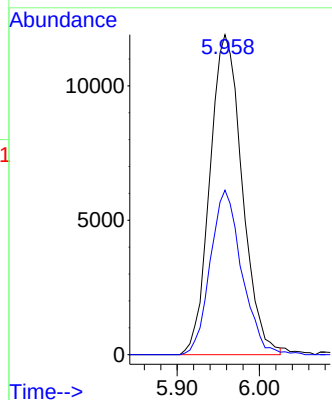
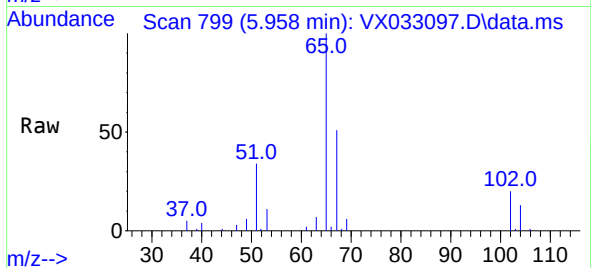




#27
1,2-Dichloroethane-d4
Concen: 29.989 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033097.D
Acq: 28 Nov 2022 18:10

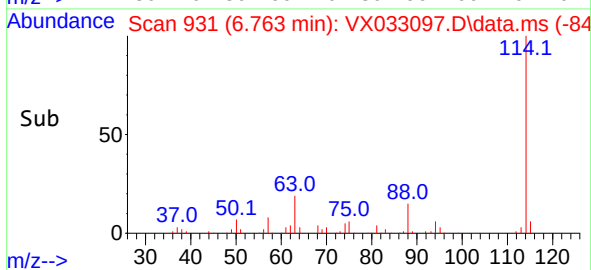
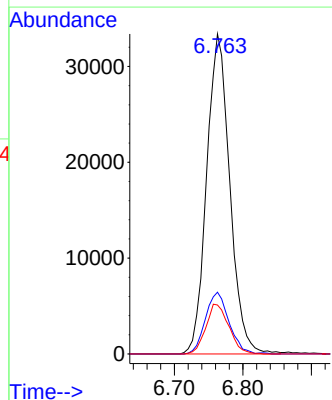
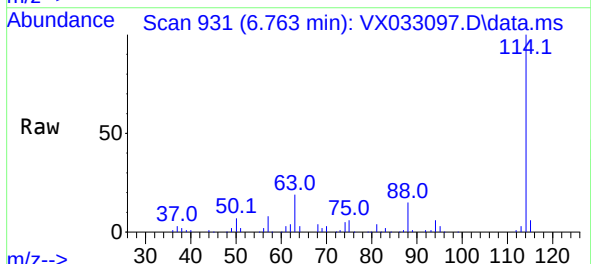
Instrument : MSVOA_X
ClientSampleId : DSN-001-SEWER-OUTLET-001

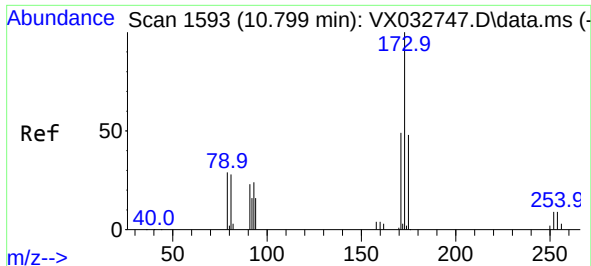
Tgt Ion: 65 Resp: 32481
Ion Ratio Lower Upper
65 100
67 49.4 41.8 62.6



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033097.D
Acq: 28 Nov 2022 18:10

Tgt Ion: 114 Resp: 78496
Ion Ratio Lower Upper
114 100
63 19.5 13.6 20.4
88 15.5 11.8 17.6

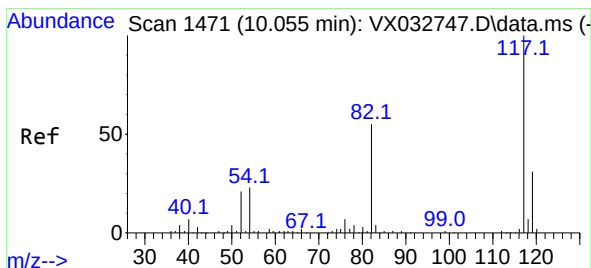
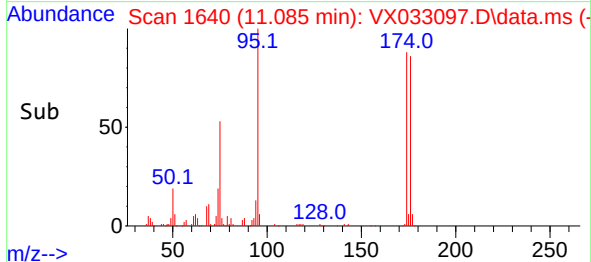
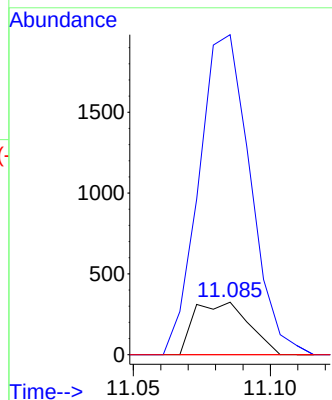
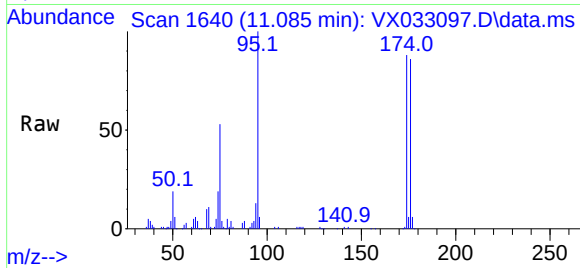




#56
Bromoform
Concen: 0.439 ug/l
RT: 11.085 min Scan# 110
Delta R.T. 0.287 min
Lab File: VX033097.D
Acq: 28 Nov 2022 18:10

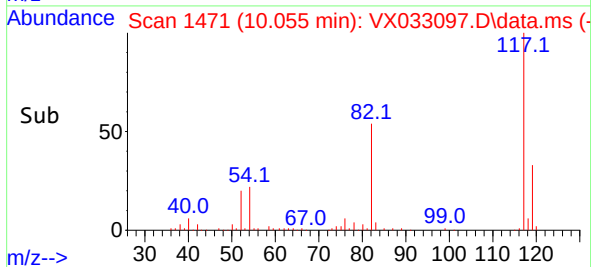
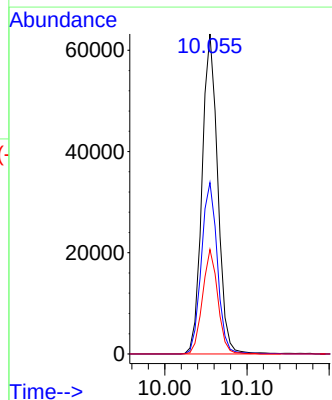
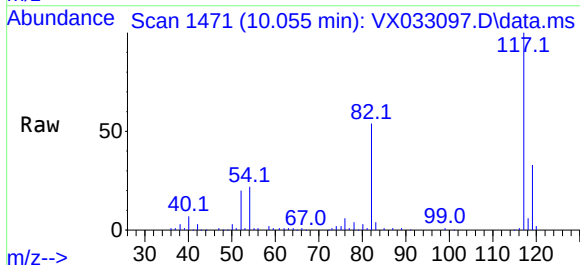
Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001

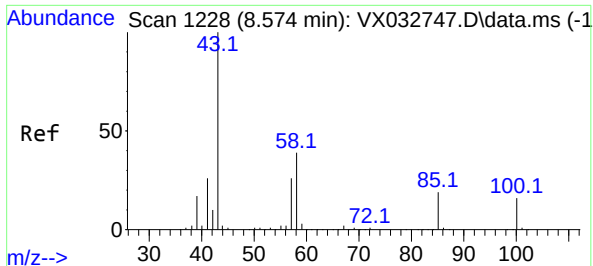
Tgt Ion:173 Resp: 446
Ion Ratio Lower Upper
173 100
175 579.1 38.6 58.0#
254 0.0 6.8 10.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033097.D
Acq: 28 Nov 2022 18:10

Tgt Ion:117 Resp: 83825
Ion Ratio Lower Upper
117 100
82 54.5 40.0 60.0
119 31.8 26.0 39.0





#58

4-Methyl-2-Pentanone

Concen: 0.241 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX033097.D

Acq: 28 Nov 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

DSN-001-SEWER-OUTLET-001

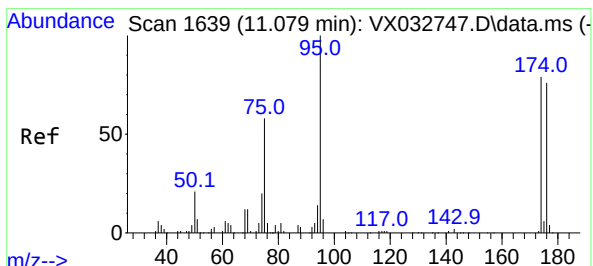
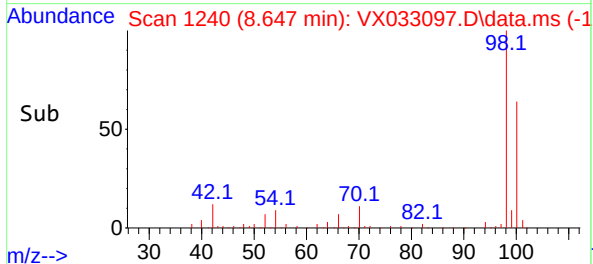
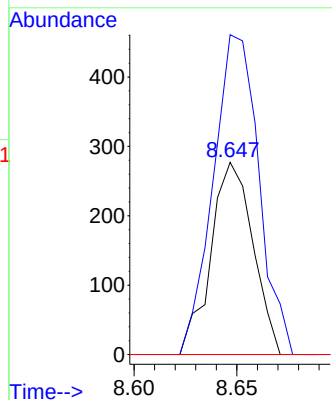
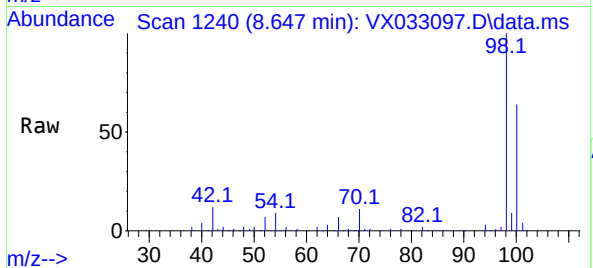
Tgt Ion: 43 Resp: 395

Ion Ratio Lower Upper

43 100

58 180.8 34.9 52.3#

85 0.0 19.4 29.2#



#60

4-Bromofluorobenzene

Concen: 26.652 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033097.D

Acq: 28 Nov 2022 18:10

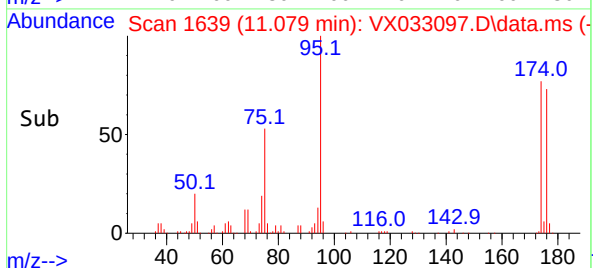
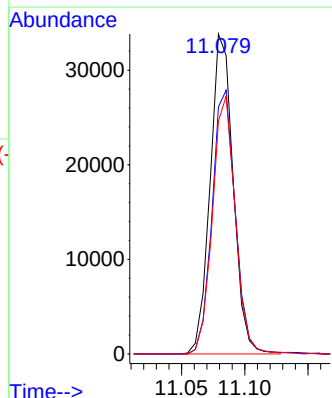
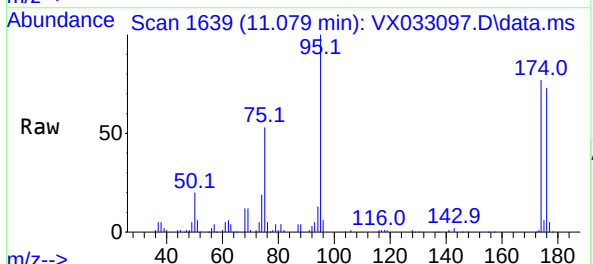
Tgt Ion: 95 Resp: 42735

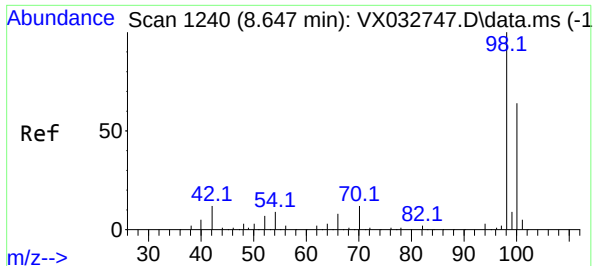
Ion Ratio Lower Upper

95 100

174 83.3 68.2 102.2

176 80.2 68.1 102.1

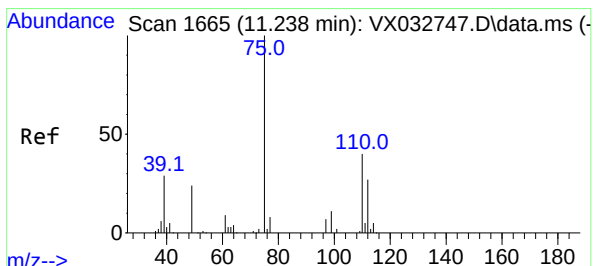
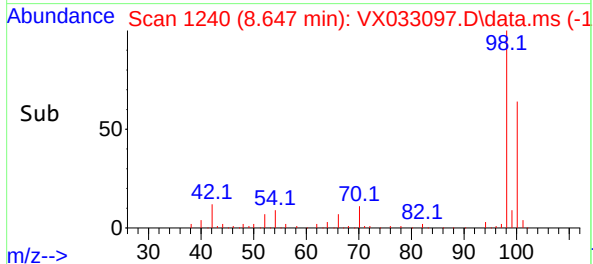
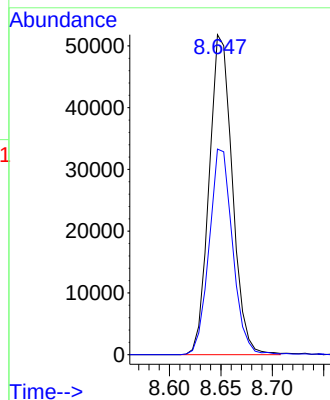
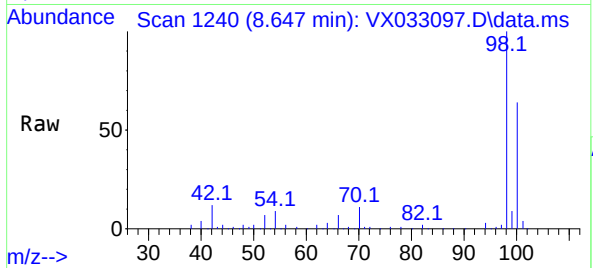




#63
Toluene-d8
Concen: 28.784 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033097.D
Acq: 28 Nov 2022 18:10

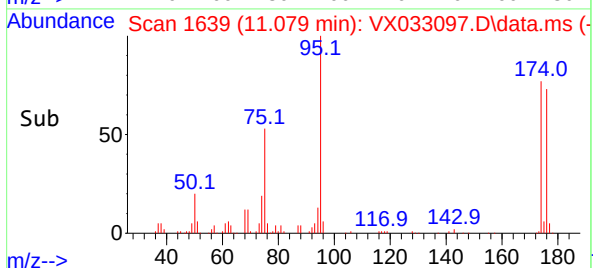
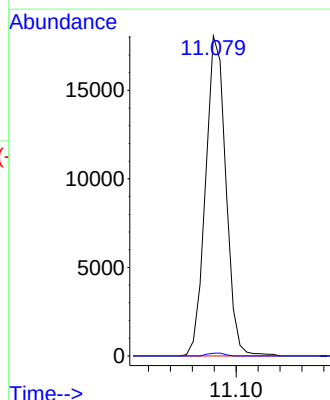
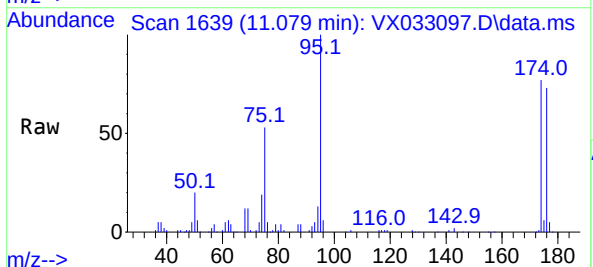
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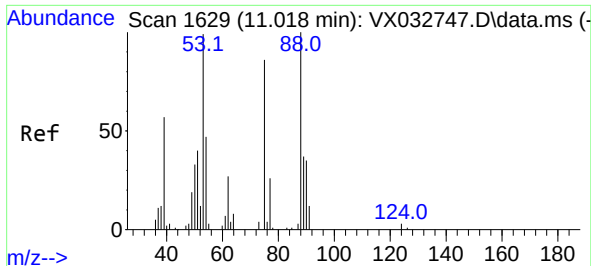
Tgt Ion: 98 Resp: 81428
Ion Ratio Lower Upper
98 100
100 64.5 53.8 80.8



#72
1,2,3-Trichloropropane
Concen: 14.147 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033097.D
Acq: 28 Nov 2022 18:10

Tgt Ion: 75 Resp: 23232
Ion Ratio Lower Upper
75 100
77 0.8 0.0 76.6





#77
 t-1,4-Dichloro-2-butene
 Concen: 46.360 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033097.D
 Acq: 28 Nov 2022 18:10

Instrument :
 MSVOA_X
 ClientSampleId :
 DSN-001-SEWER-OUTLET-001

Tgt Ion: 75 Resp: 23232
 Ion Ratio Lower Upper
 75 100
 53 0.0 51.8 155.4#
 89 0.0 22.9 68.8#

