

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090121\
 Data File : VX024065.D
 Acq On : 01 Sep 2021 15:04
 Operator : JC/MD
 Sample : M3580-01RE 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Sep 02 07:10:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 03 12:05:42 2021
 Response via : Initial Calibration

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

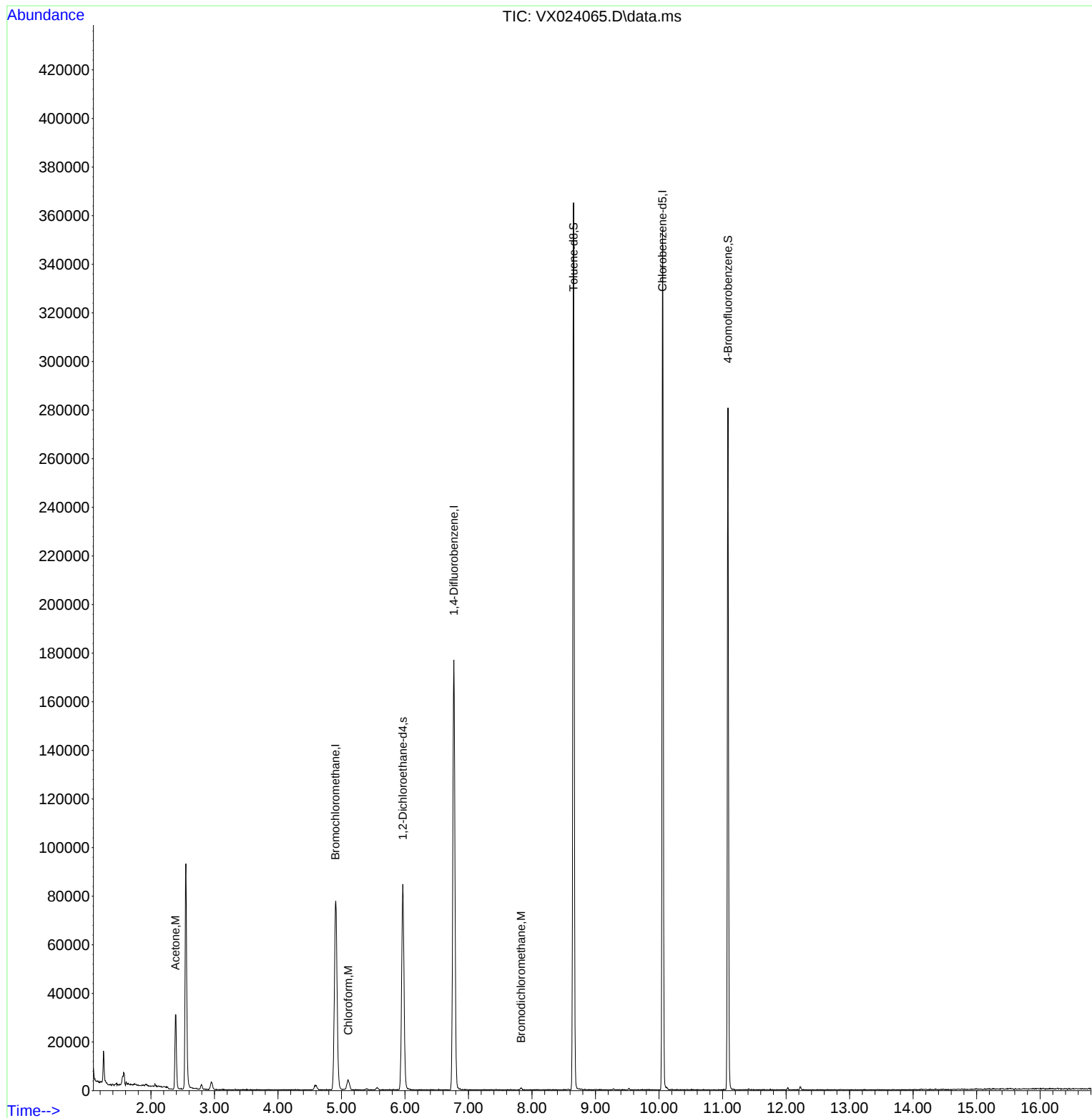
Internal Standards						
1) Bromochloromethane	4.903	128	32347	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	170399	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	151140	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	83958	33.562	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	111.867%#
60) 4-Bromofluorobenzene	11.085	95	70252	28.378	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.600%
63) Toluene-d8	8.653	98	206522	30.361	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.200%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	9355	24.965	ug/l	92
25) Chloroform	5.105	83	4756	1.231	ug/l	89
41) Bromodichloromethane	7.830	83	681	0.253	ug/l #	74

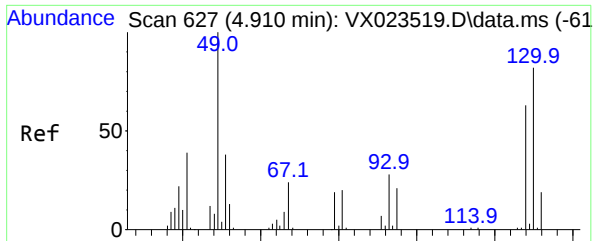
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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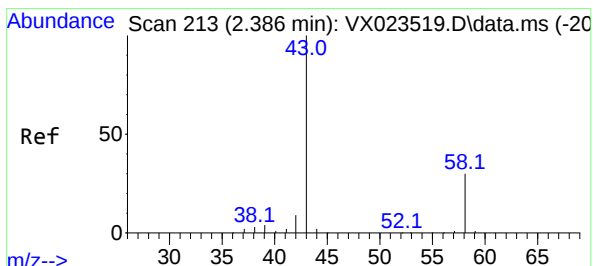
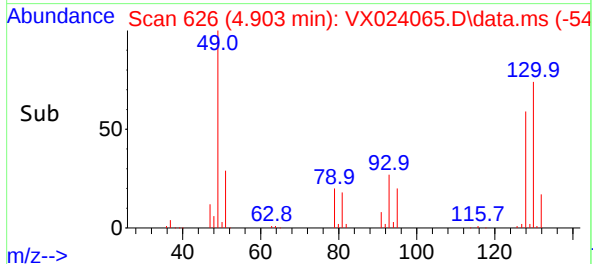
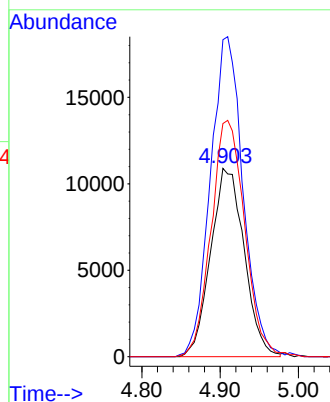
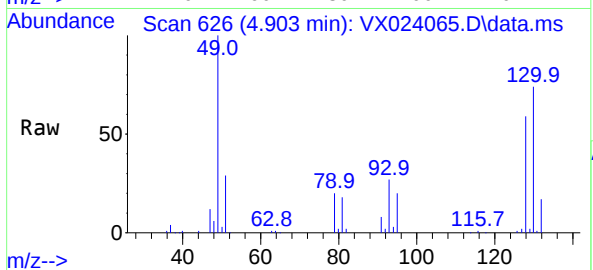




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.007 min
Lab File: VX024065.D
Acq: 01 Sep 2021 15:04

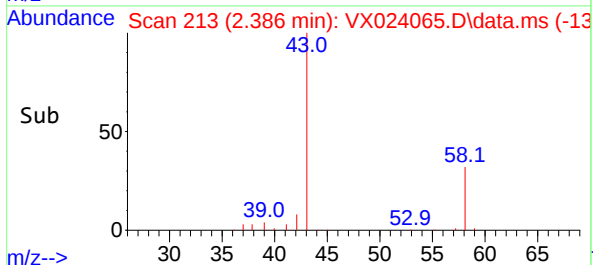
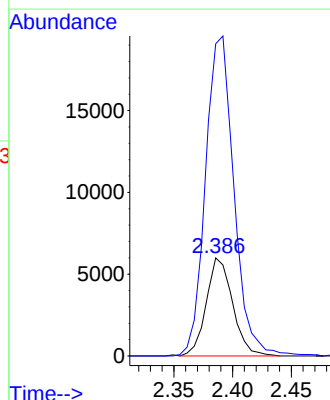
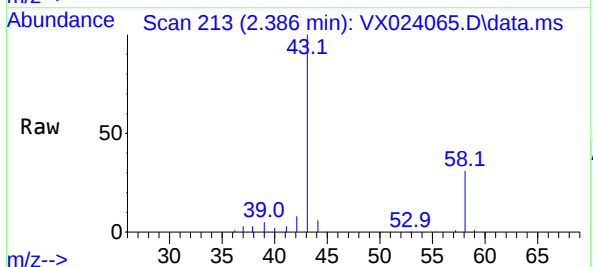
Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001RE

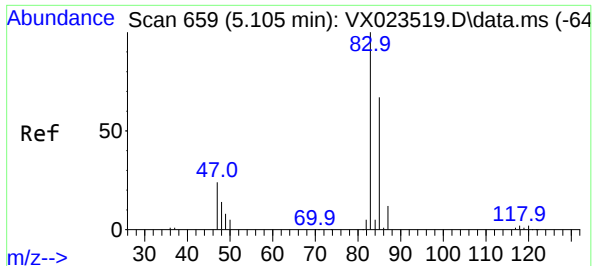
Tgt Ion:128 Resp: 32347
Ion Ratio Lower Upper
128 100
49 165.4 0.0 402.5
130 125.7 0.0 326.5



#15
Acetone
Concen: 24.965 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024065.D
Acq: 01 Sep 2021 15:04

Tgt Ion: 58 Resp: 9355
Ion Ratio Lower Upper
58 100
43 316.8 266.6 400.0



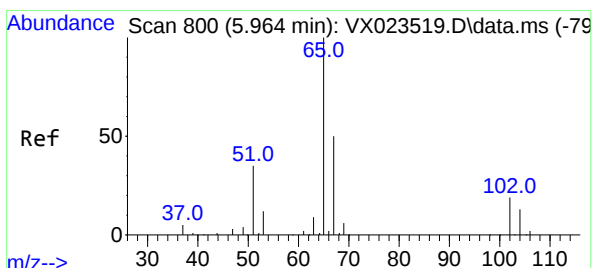
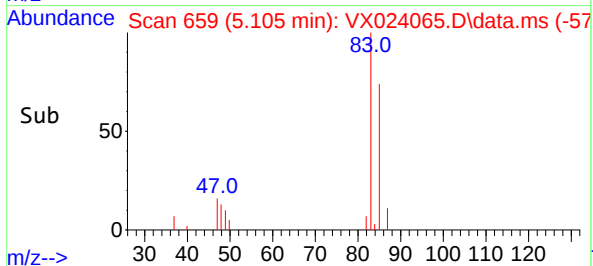
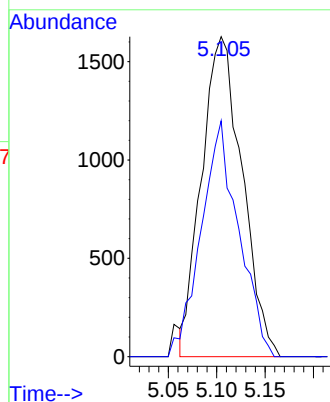
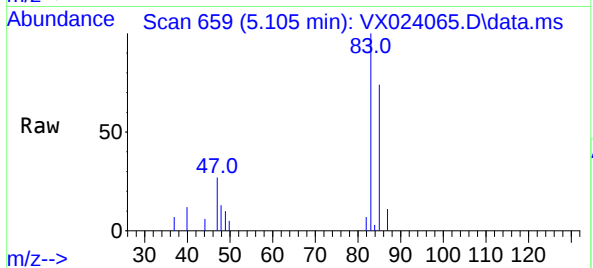


#25

Chloroform
 Concen: 1.231 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. -0.000 min
 Lab File: VX024065.D
 Acq: 01 Sep 2021 15:04

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

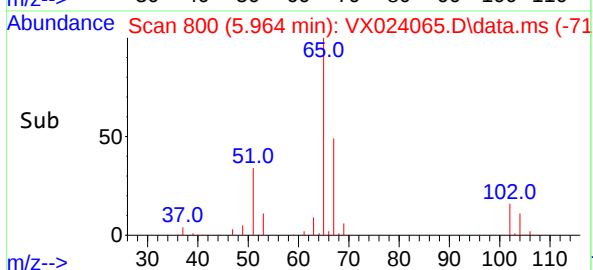
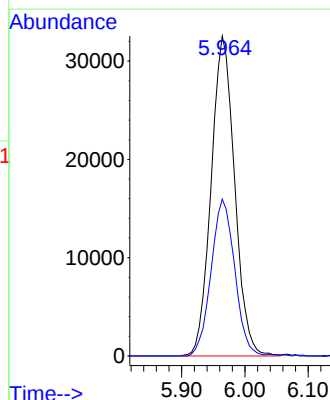
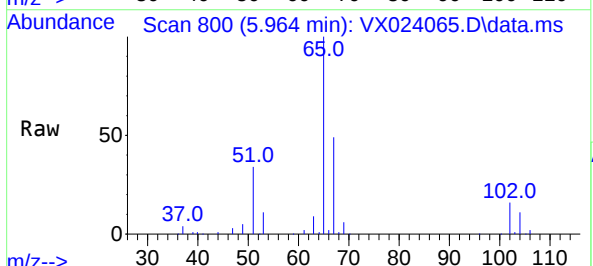
Tgt Ion: 83 Resp: 4756
 Ion Ratio Lower Upper
 83 100
 85 73.7 51.8 77.8

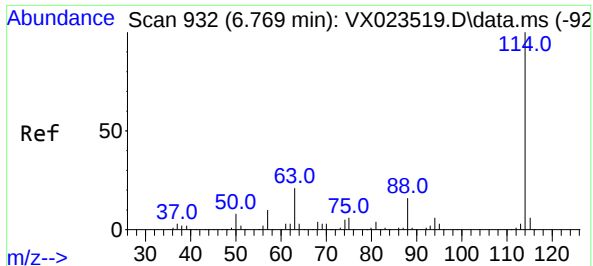


#27

1,2-Dichloroethane-d4
 Concen: 33.562 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX024065.D
 Acq: 01 Sep 2021 15:04

Tgt Ion: 65 Resp: 83958
 Ion Ratio Lower Upper
 65 100
 67 49.1 42.4 63.6



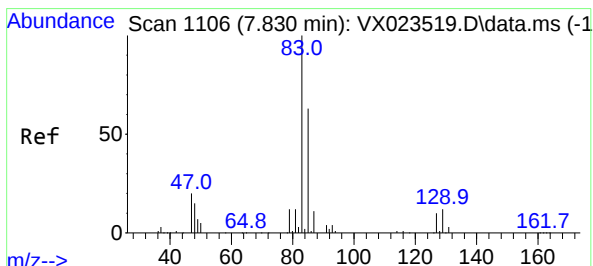
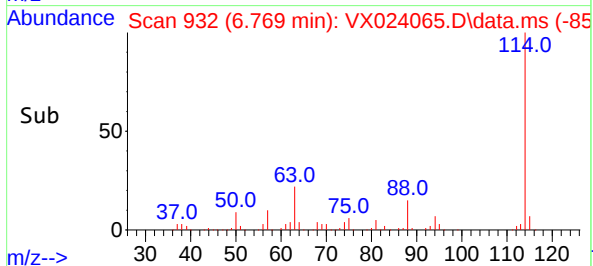
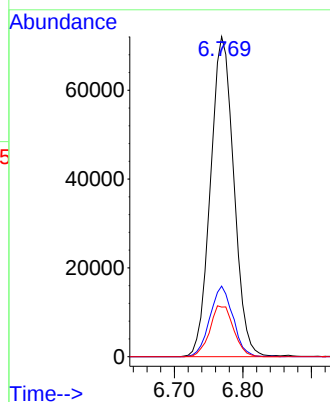
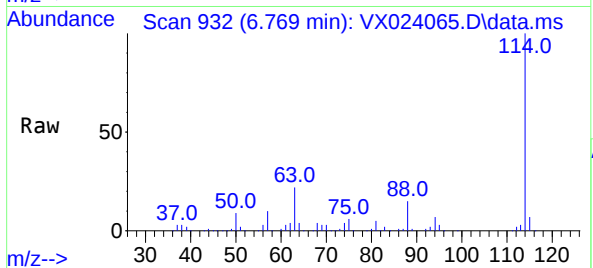


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024065.D
Acq: 01 Sep 2021 15:04

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:114 Resp: 170399

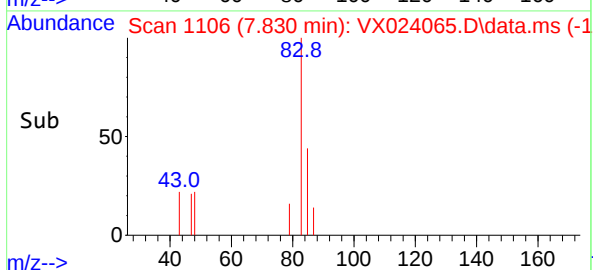
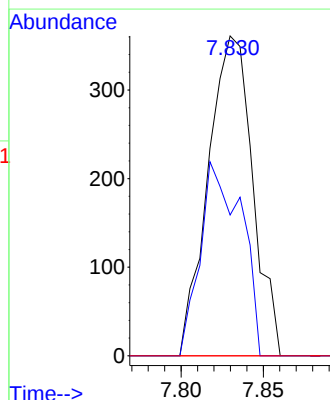
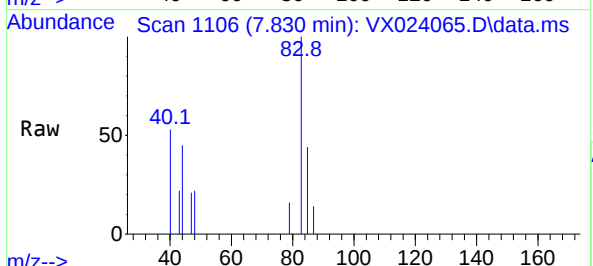
Ion	Ratio	Lower	Upper
114	100		
63	21.7	16.4	24.6
88	16.2	12.7	19.1

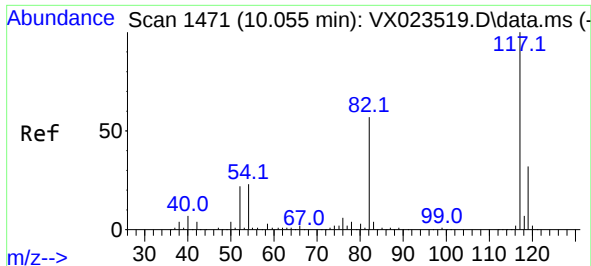


#41
Bromodichloromethane
Concen: 0.253 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VX024065.D
Acq: 01 Sep 2021 15:04

Tgt Ion: 83 Resp: 681

Ion	Ratio	Lower	Upper
83	100		
85	44.0	51.7	77.5#
127	0.0	7.4	11.0#

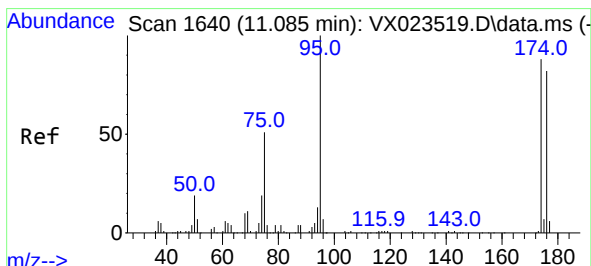
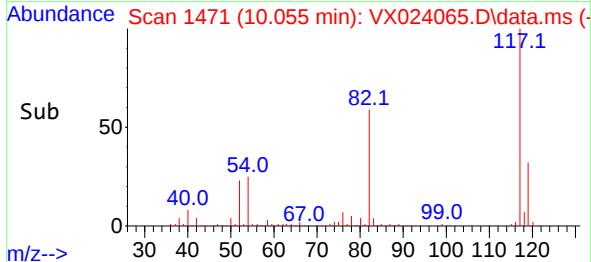
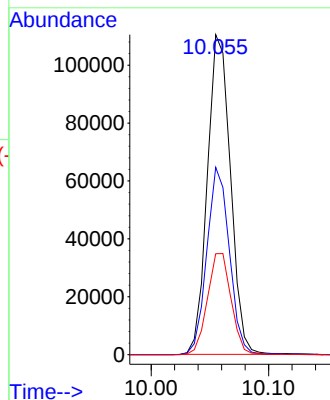
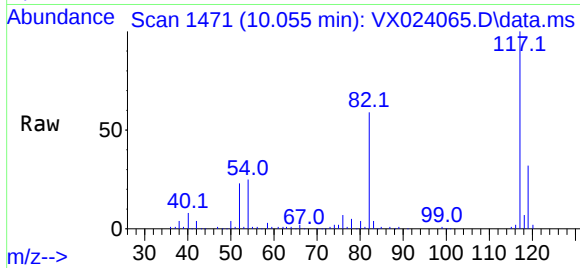




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024065.D
Acq: 01 Sep 2021 15:04

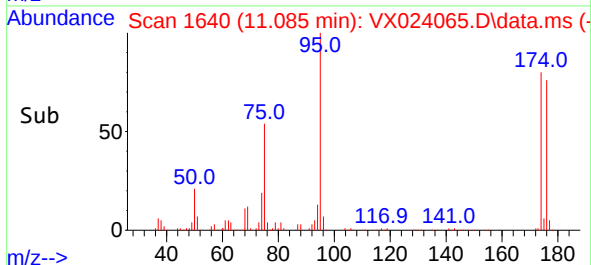
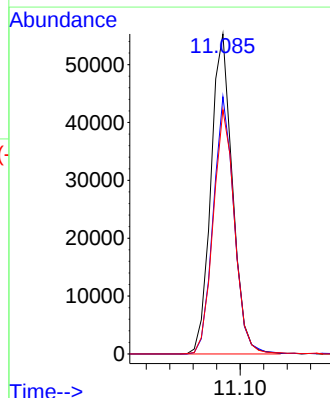
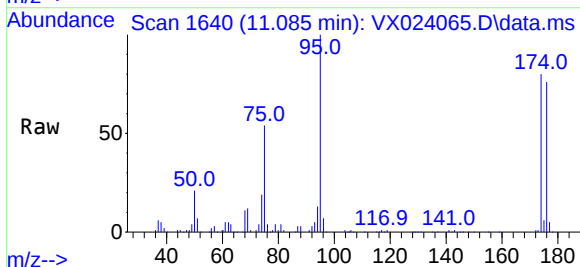
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MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001RE

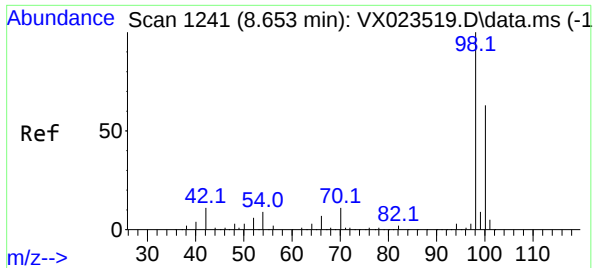
Tgt Ion:117 Resp: 151140
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 32.5 26.2 39.2



#60
4-Bromofluorobenzene
Concen: 28.378 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024065.D
Acq: 01 Sep 2021 15:04

Tgt Ion: 95 Resp: 70252
Ion Ratio Lower Upper
95 100
174 78.0 63.5 95.3
176 75.6 63.0 94.4





#63
Toluene-d8
Concen: 30.361 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024065.D
Acq: 01 Sep 2021 15:04

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

Tgt Ion: 98 Resp: 206522
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0

