

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)

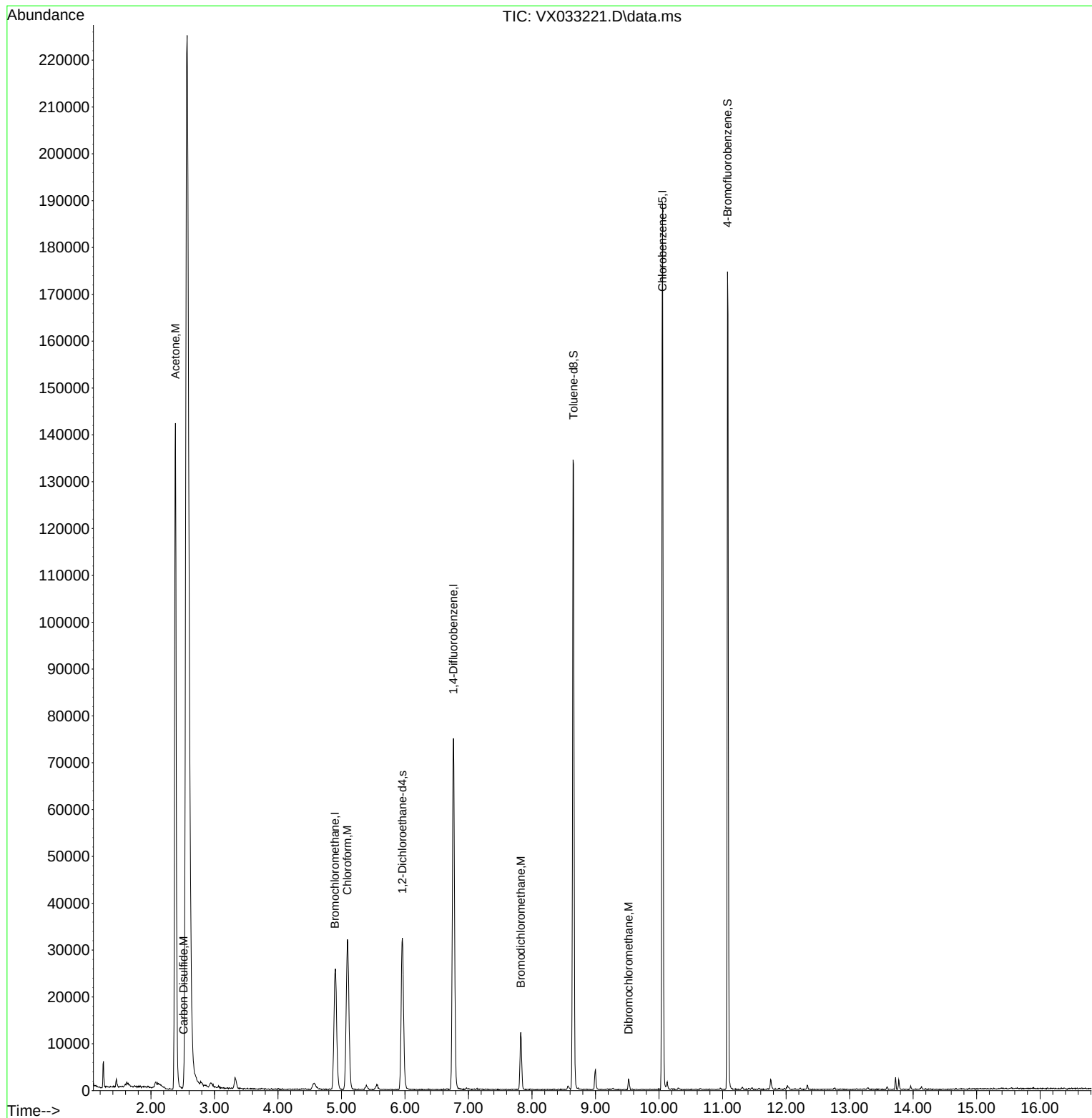
Internal Standards						
1) Bromochloromethane	4.898	128	11647	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	77718	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	84807	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	32963	29.336	ug/l	0.00
Spiked Amount 30.000	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						
15) Acetone	2.386	58	48303	308.735	ug/l	88
16) Carbon Disulfide	2.514	76	761	0.270	ug/l #	94
25) Chloroform	5.093	83	38884	15.384	ug/l	97
41) Bromodichloromethane	7.824	83	8032	4.490	ug/l	97
53) Dibromochloromethane	9.519	129	1143	0.814	ug/l	99

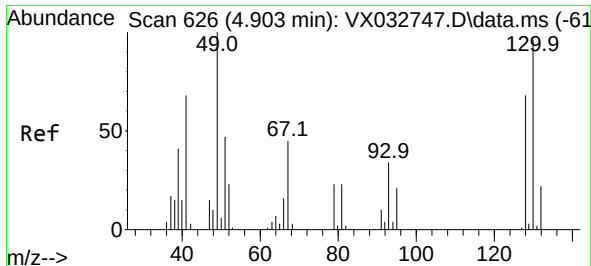
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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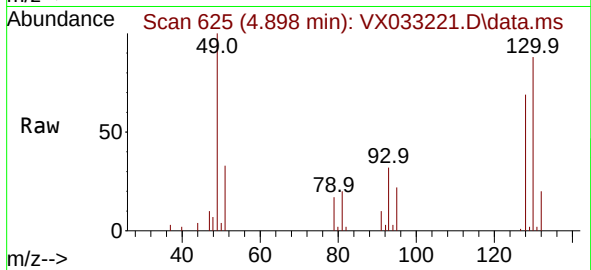
Quant Time: Dec 06 05:41:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 11 05:24:06 2022
Response via : Initial Calibration



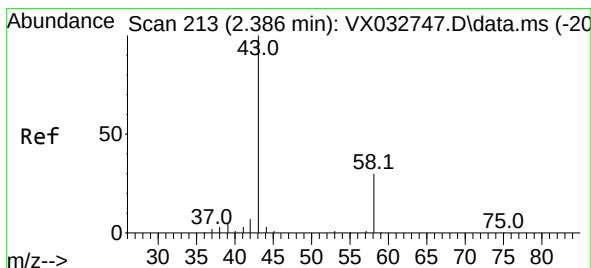
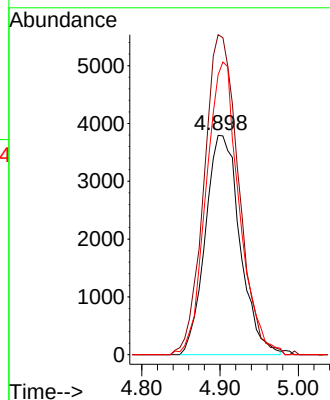
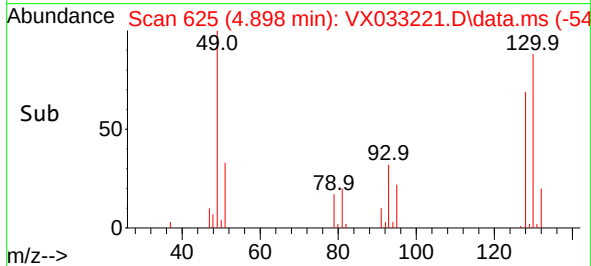


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.005 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

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

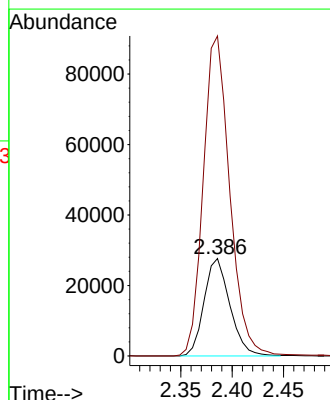
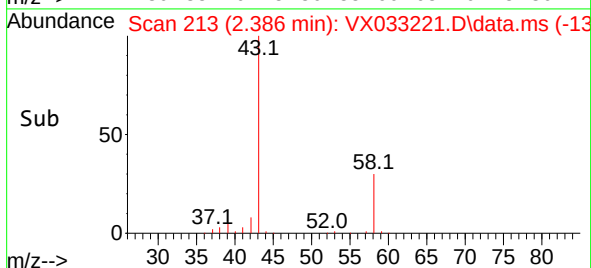
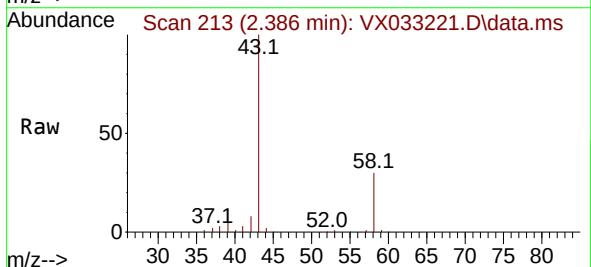


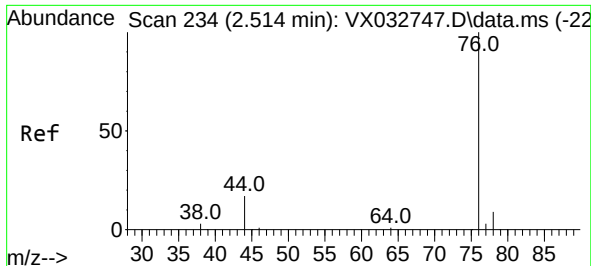
Tgt Ion:128 Resp: 11647
Ion Ratio Lower Upper
128 100
49 145.6 0.0 293.0
130 127.7 0.0 321.5



#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

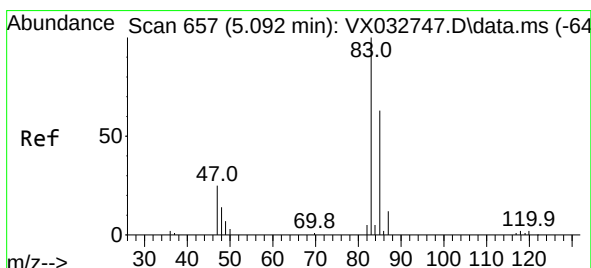
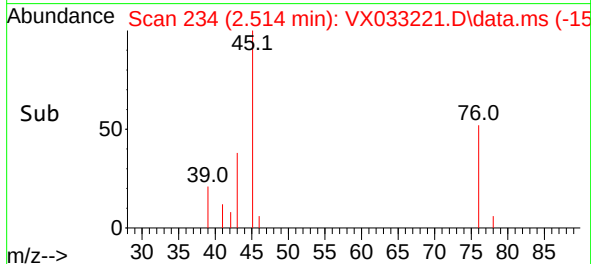
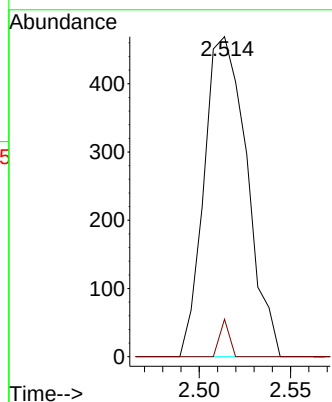
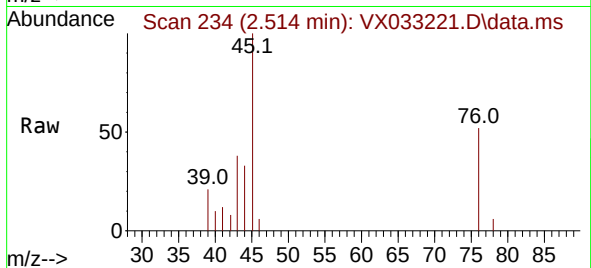




#16
Carbon Disulfide
Concen: 0.270 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

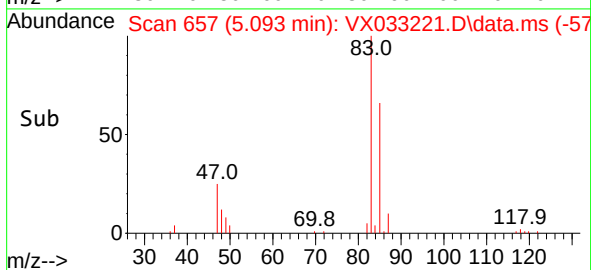
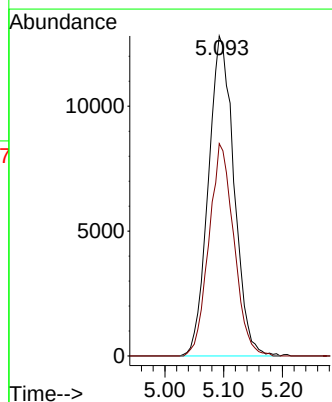
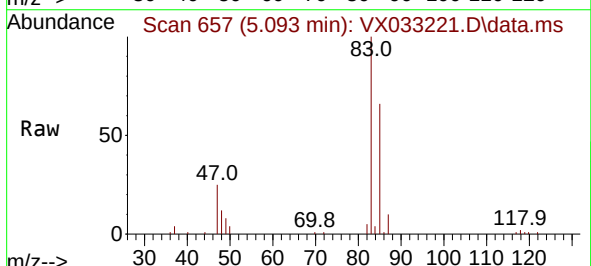
Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002

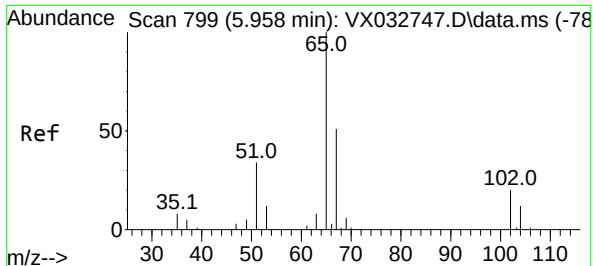
Tgt Ion: 76 Resp: 761
Ion Ratio Lower Upper
76 100
78 11.7 7.5 11.3#



#25
Chloroform
Concen: 15.384 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

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

Instrument :

MSVOA_X

ClientSampleId :

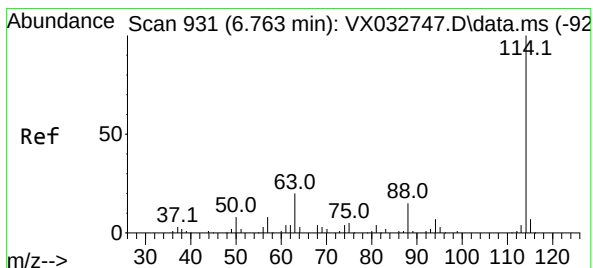
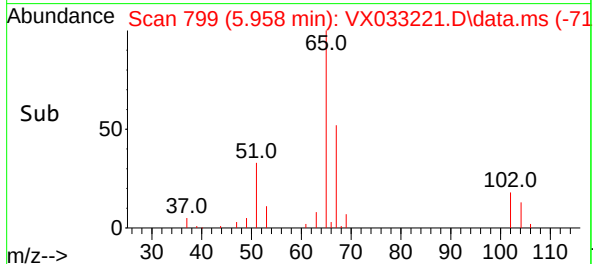
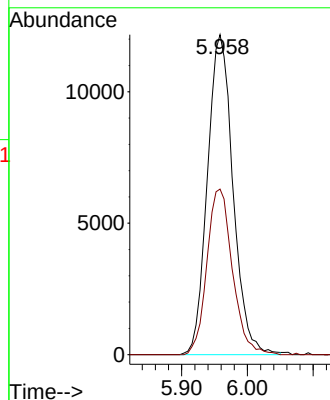
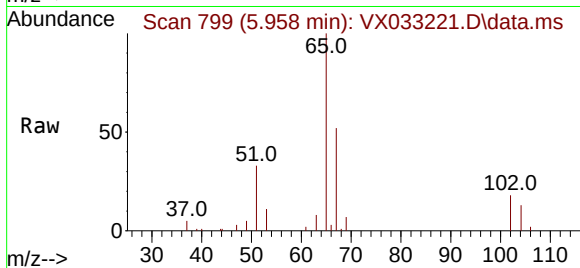
DSN-002-SEWER-OUTLET-002

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# 931

Delta R.T. 0.000 min

Lab File: VX033221.D

Acq: 05 Dec 2022 13:08

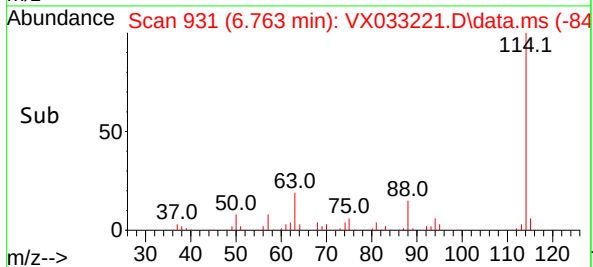
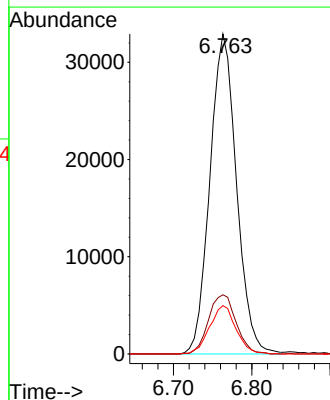
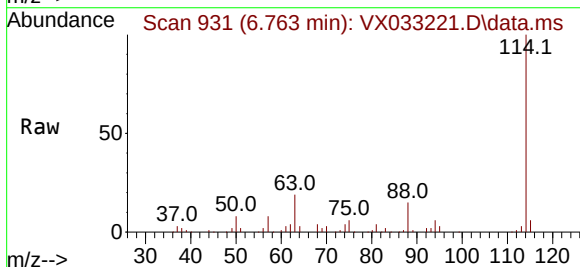
Tgt Ion: 114 Resp: 77718

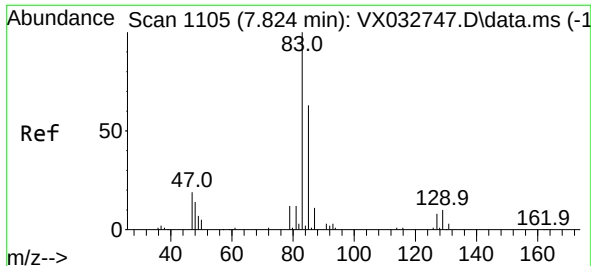
Ion Ratio Lower Upper

114 100

63 19.1 13.6 20.4

88 15.0 11.8 17.6

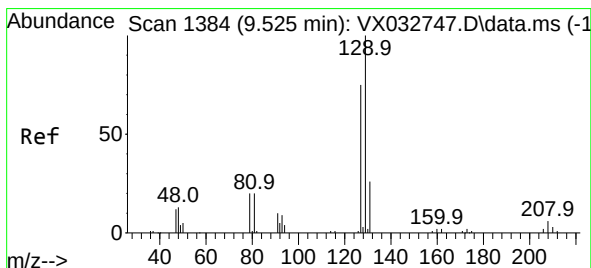
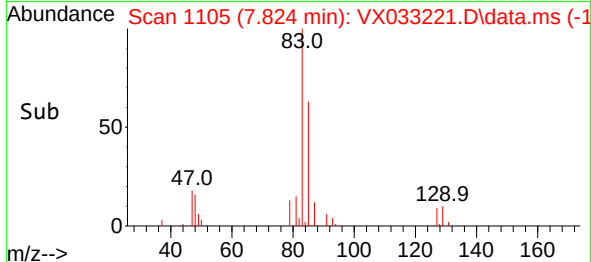
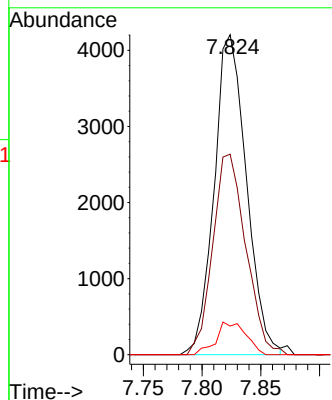
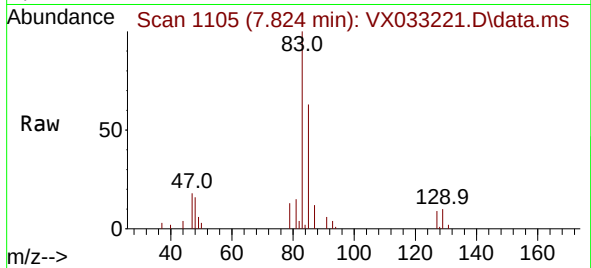




#41
Bromodichloromethane
Concen: 4.490 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

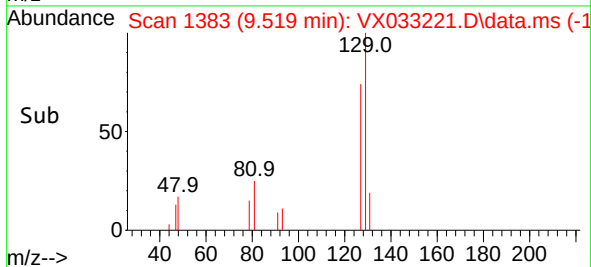
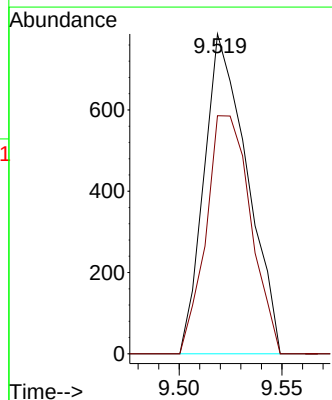
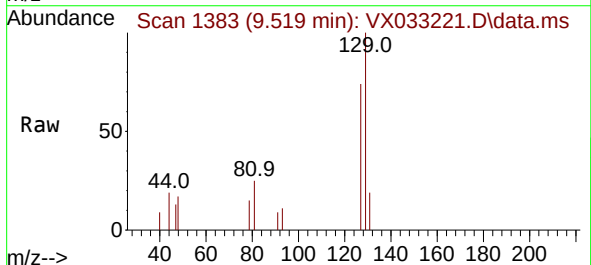
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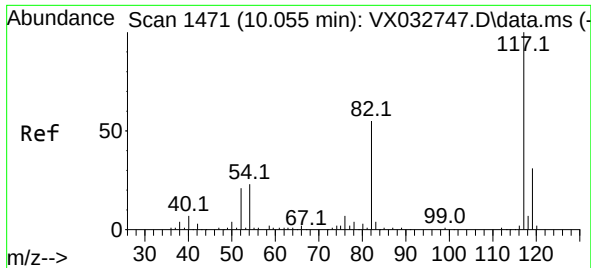
Tgt Ion: 83 Resp: 8032
Ion Ratio Lower Upper
83 100
85 62.7 52.3 78.5
127 9.0 6.8 10.2



#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

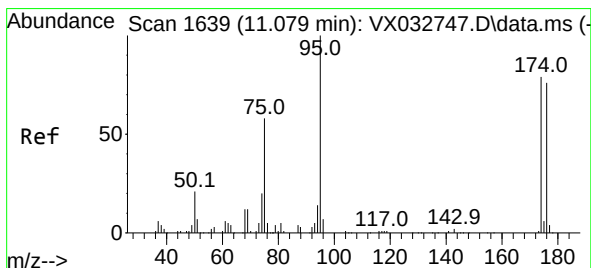
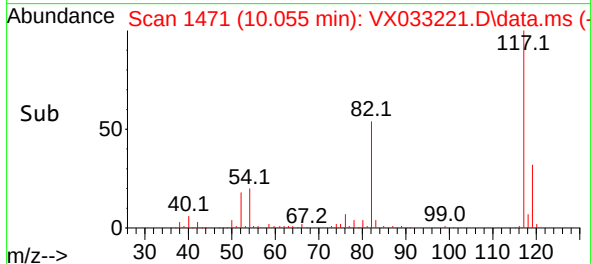
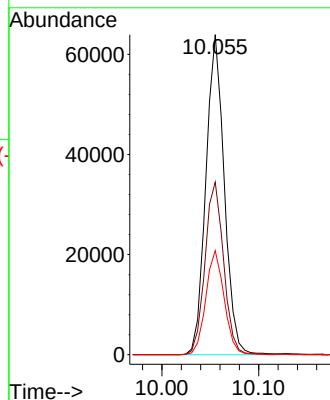
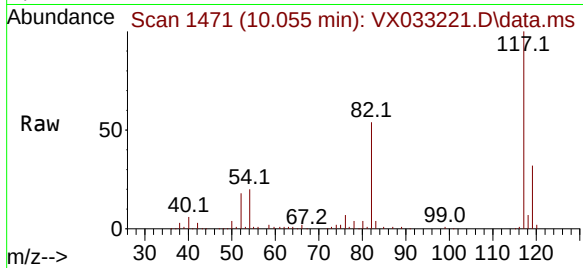




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033221.D
Acq: 05 Dec 2022 13:08

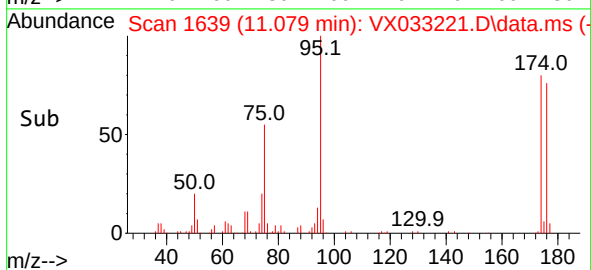
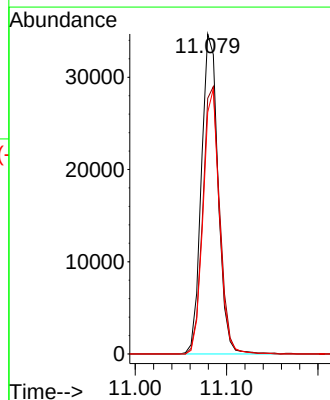
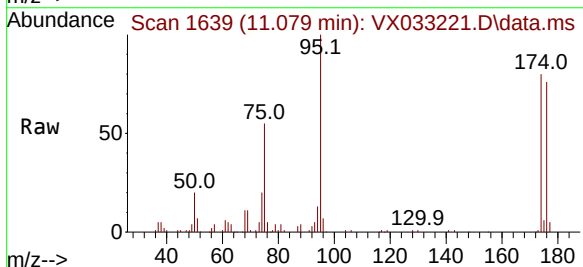
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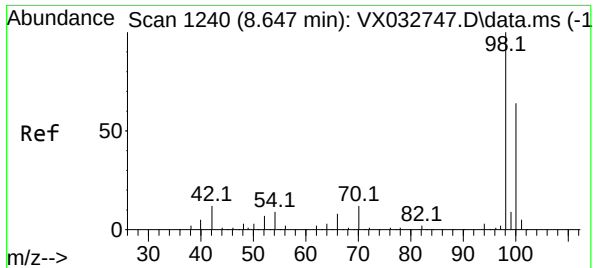
Tgt Ion:117	Resp:	84807
Ion	Ratio	Lower Upper
117	100	
82	54.6	40.0 60.0
119	32.5	26.0 39.0



#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

