

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
 Data File : VX014821.D
 Acq On : 05 Feb 2020 14:45
 Operator : JC/SP
 Sample : L1392-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 06 04:49:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	64633	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	364822	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	334058	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	148530	32.69	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	108.97%
60) 4-Bromofluorobenzene	11.13	95	152193	28.47	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.90%
63) Toluene-d8	8.71	98	439378	29.12	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.07%

Target Compounds

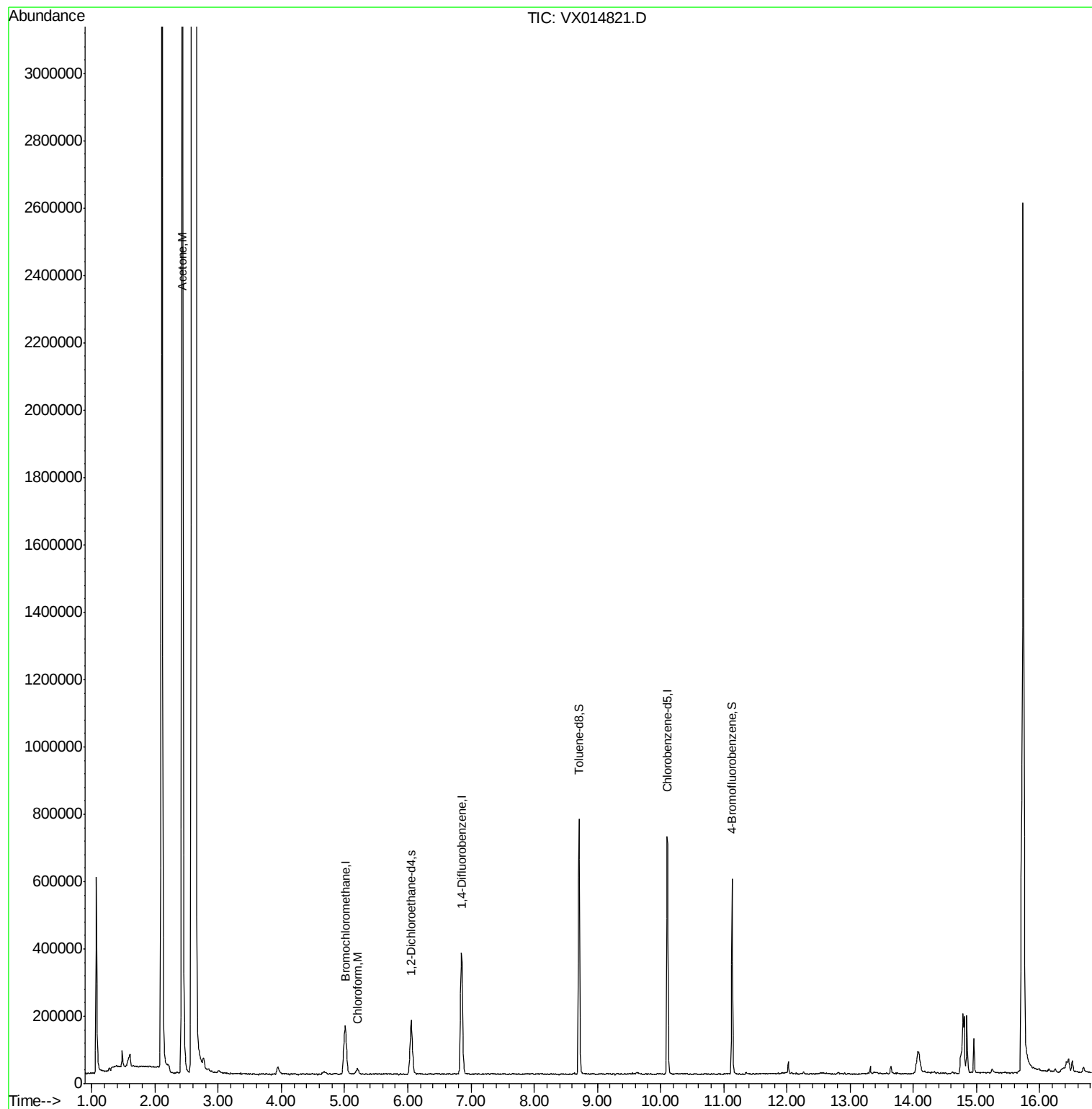
					Ovalue
15) Acetone	2.43	58	1512003	2039.291	ug/l 91
25) Chloroform	5.20	83	19174	2.781	ug/l 98

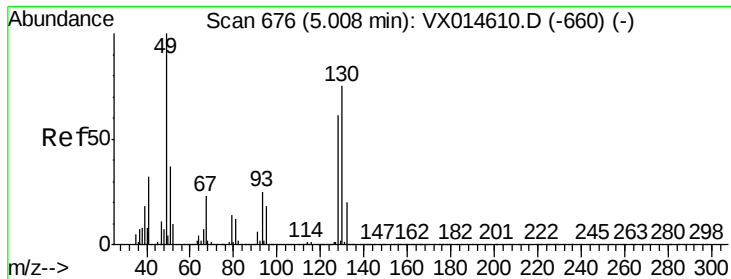
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014821.D

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Instrument :

MSVOA_X

ClientSampleId :

DSN-002-SEWER-OUTLET-002DL

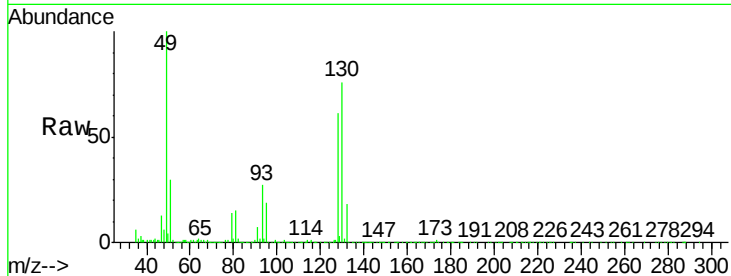
Tot Ion:128 Resp: 64633

Ion Ratio Lower Upper

128 100

49 163.4 0.0 405.0

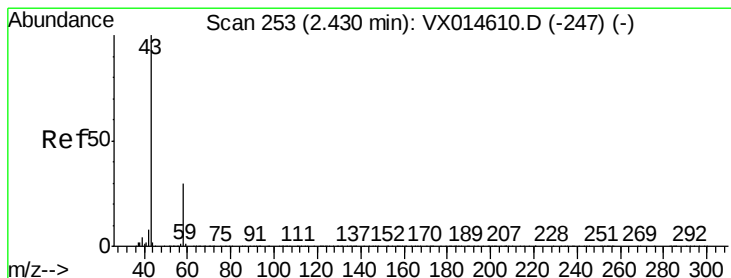
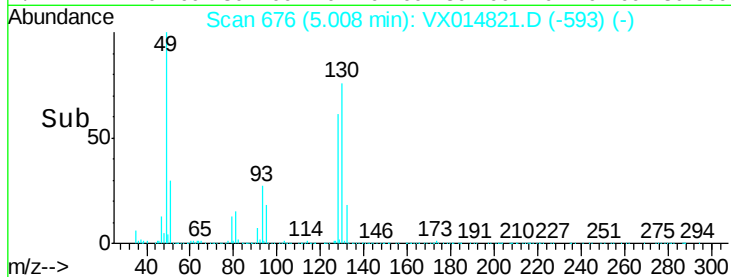
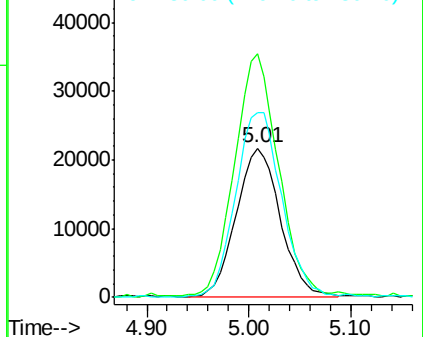
130 131.4 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 2039.291 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014821.D

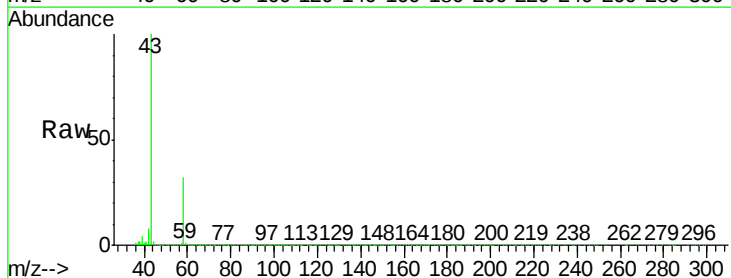
Acq: 05 Feb 2020 14:45

Tgt Ion: 58 Resp: 1512003

Ion Ratio Lower Upper

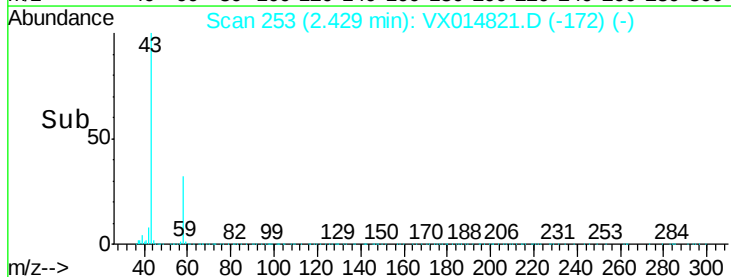
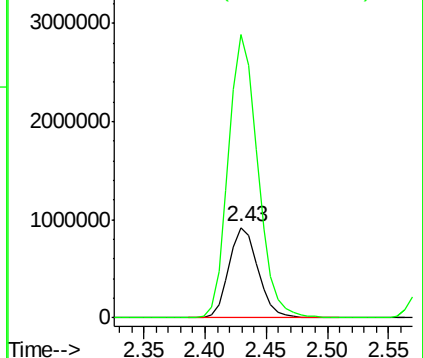
58 100

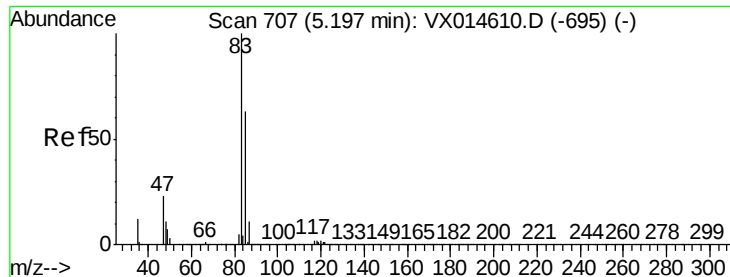
43 313.4 236.3 354.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 2.781 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX014821.D

Acq: 05 Feb 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

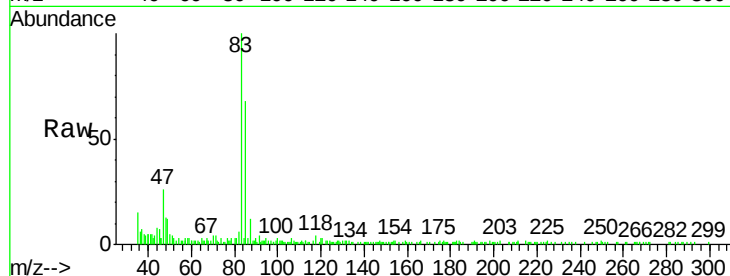
DSN-002-SEWER-OUTLET-002DL

Tot Ion: 83 Resp: 19174

Ion Ratio Lower Upper

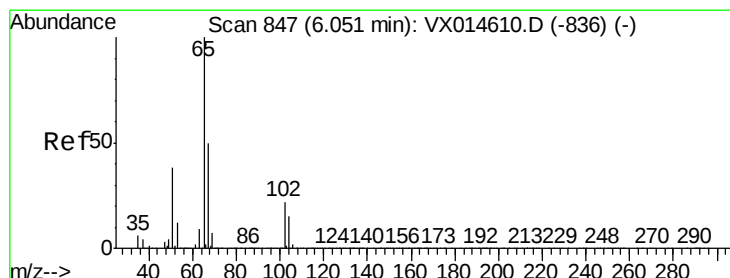
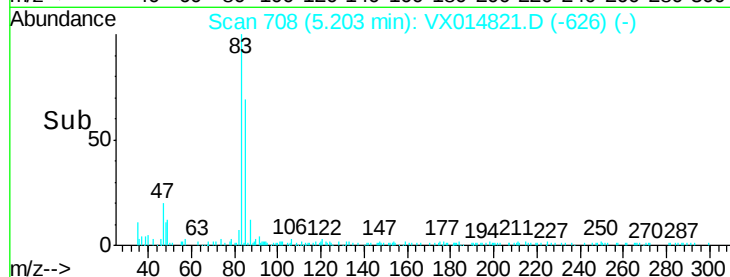
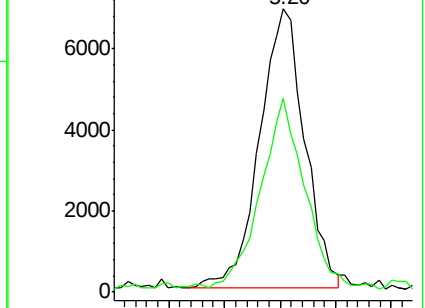
83 100

85 67.6 52.7 79.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#27

1,2-Dichloroethane-d4

Concen: 32.695 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014821.D

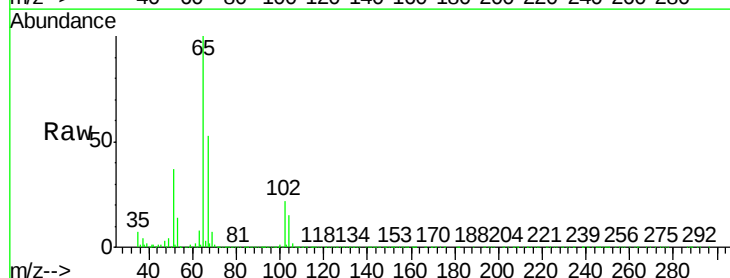
Acq: 05 Feb 2020 14:45

Tgt Ion: 65 Resp: 148530

Ion Ratio Lower Upper

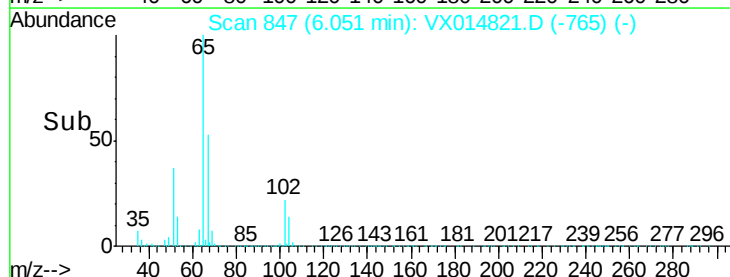
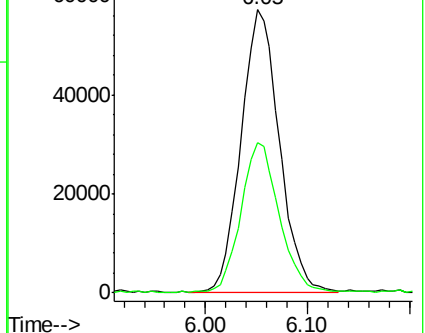
65 100

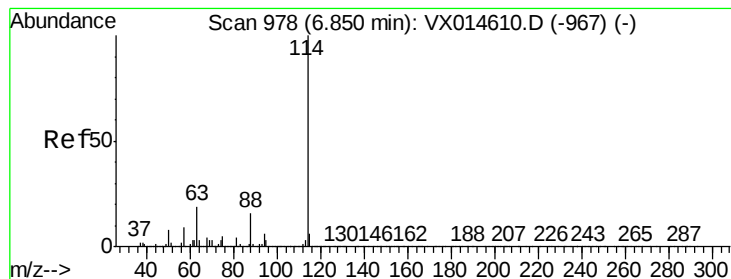
67 52.8 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014821.D

Acq: 05 Feb 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

DSN-002-SEWER-OUTLET-002DL

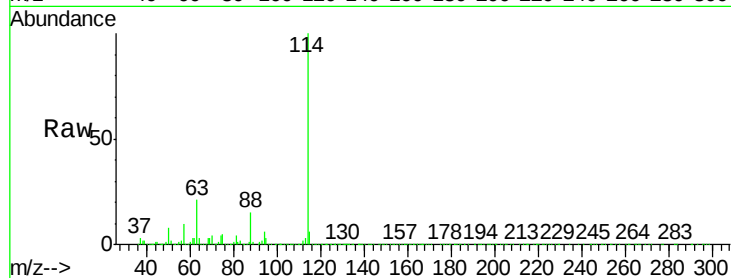
Tot Ion:114 Resp: 364822

Ion Ratio Lower Upper

114 100

63 20.2 16.1 24.1

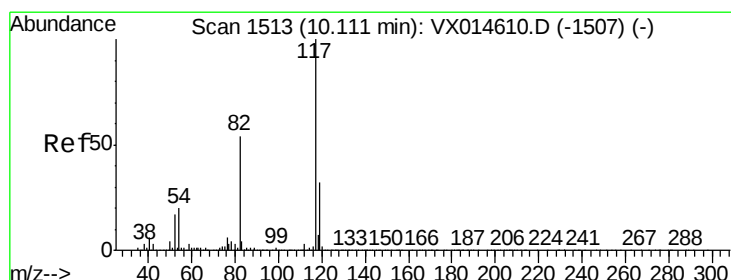
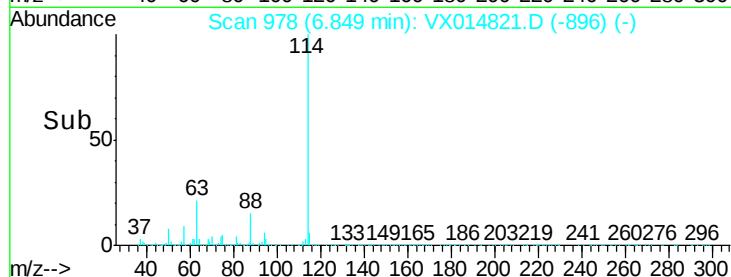
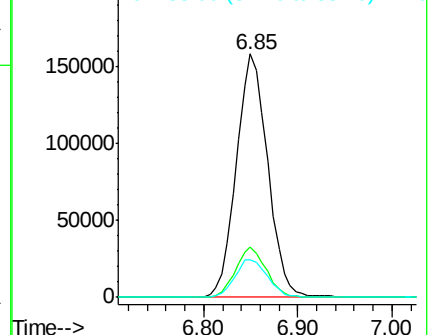
88 16.2 12.5 18.7



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014821.D

Acq: 05 Feb 2020 14:45

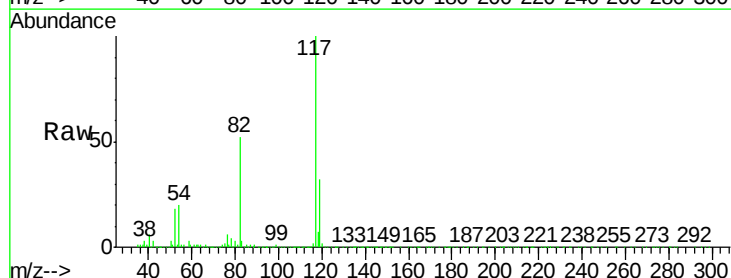
Tgt Ion:117 Resp: 334058

Ion Ratio Lower Upper

117 100

82 54.8 43.8 65.6

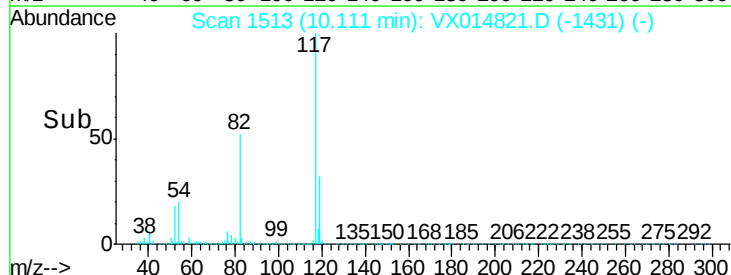
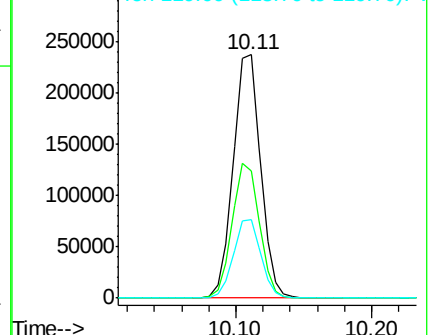
119 32.2 25.8 38.6

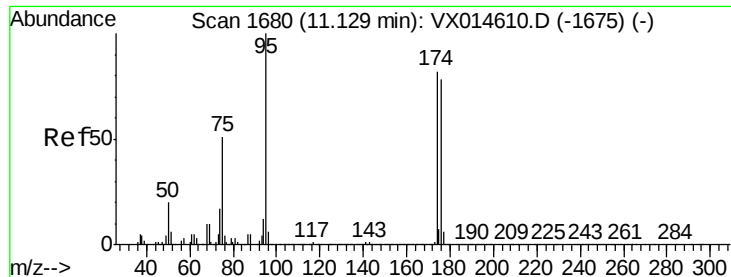


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

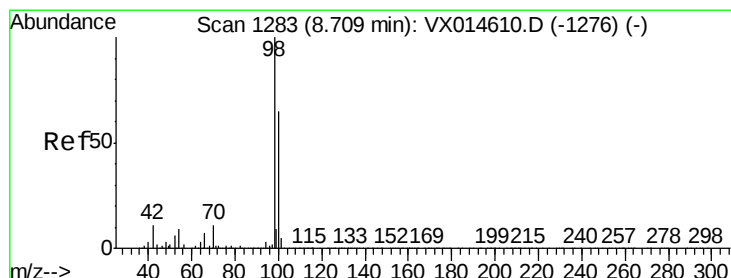
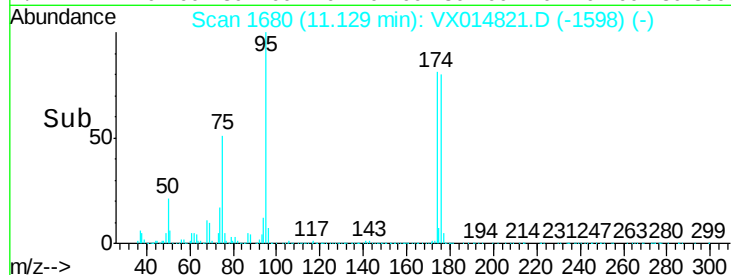
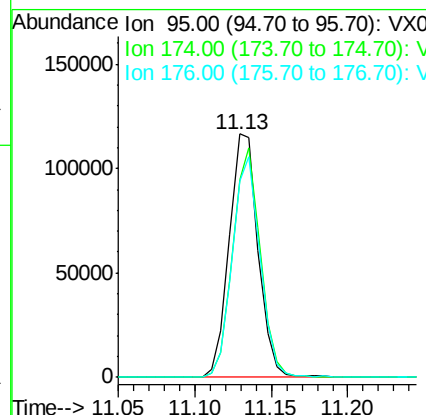
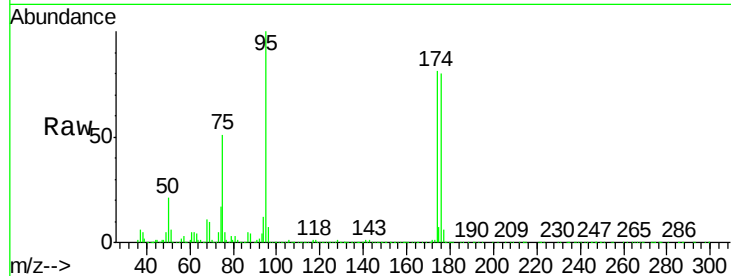




#60
4-Bromofluorobenzene
Concen: 28.471 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014821.D
Acq: 05 Feb 2020 14:45

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

Tot Ion: 95 Resp: 152193
Ion Ratio Lower Upper
95 100
174 90.3 70.2 105.2
176 87.0 68.3 102.5



#63
Toluene-d8
Concen: 29.119 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014821.D
Acq: 05 Feb 2020 14:45

Tgt Ion: 98 Resp: 439378
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

