

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
 Data File : VX014819.D
 Acq On : 05 Feb 2020 13:58
 Operator : JC/SP
 Sample : L1392-01DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 06 04:46:27 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	66525	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.85	114	348298	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	318327	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	144493	30.90	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.00%
60) 4-Bromofluorobenzene	11.13	95	144683	28.40	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.67%
63) Toluene-d8	8.71	98	417804	29.06	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.87%

Target Compounds

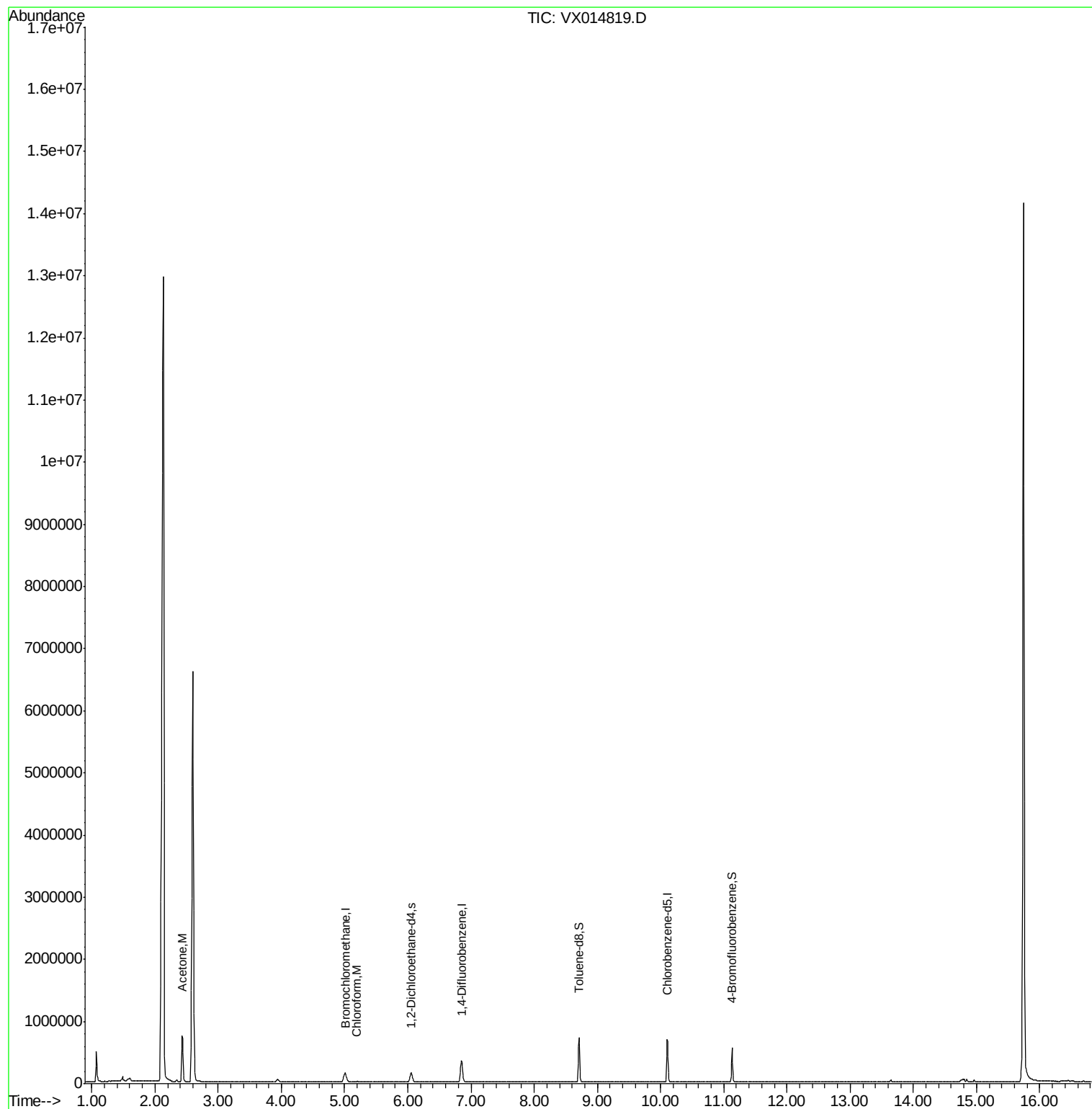
					Ovalue
15) Acetone	2.43	58	237161	310.770	ug/l 84
25) Chloroform	5.20	83	11089	1.563	ug/l 87

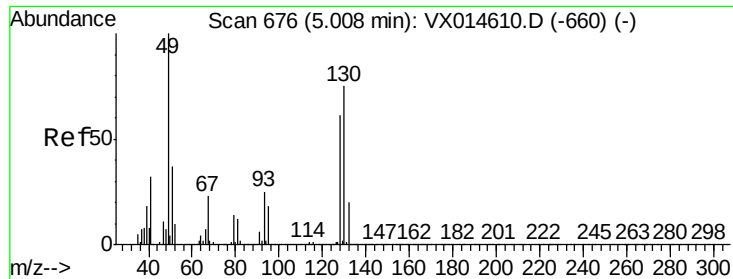
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 677

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

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DSN-001-SEWER-OUTLET-001DL

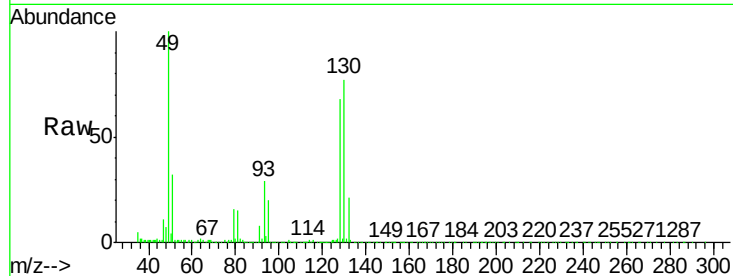
Tot Ion:128 Resp: 66525

Ion Ratio Lower Upper

128 100

49 156.0 0.0 405.0

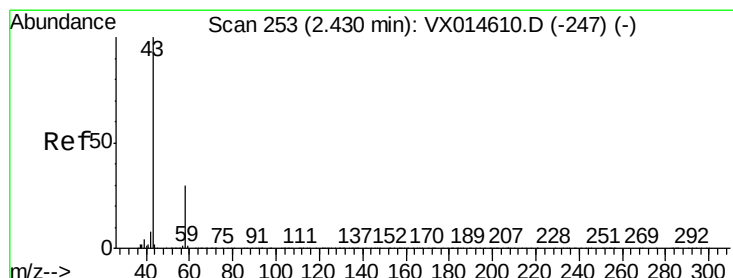
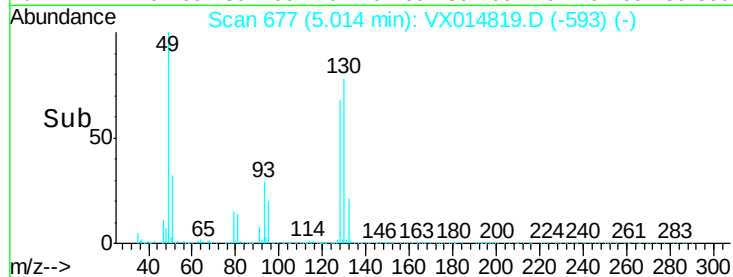
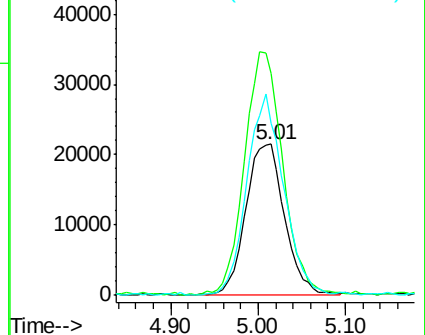
130 126.2 0.0 321.5



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: 310.770 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014819.D

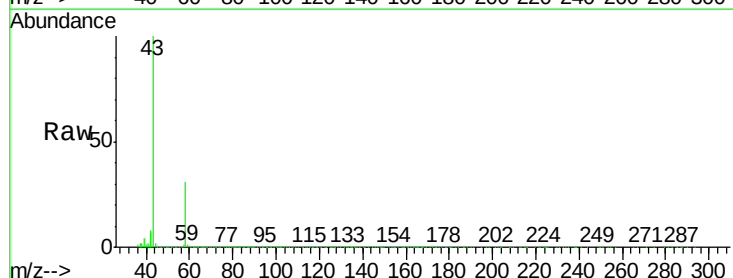
Acq: 05 Feb 2020 13:58

Tgt Ion: 58 Resp: 237161

Ion Ratio Lower Upper

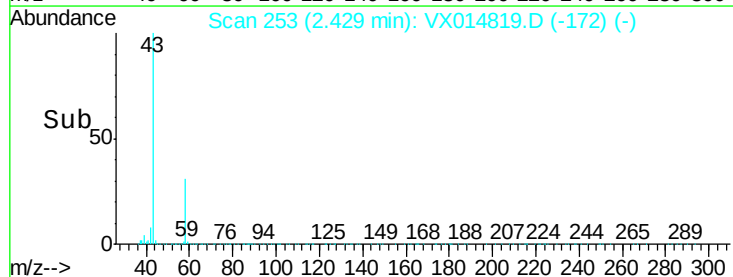
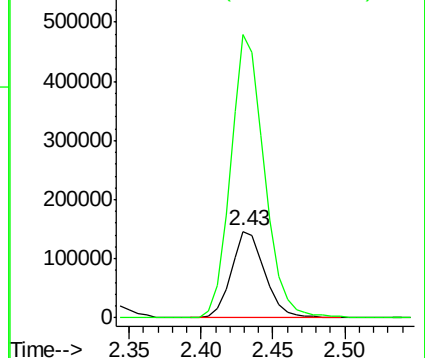
58 100

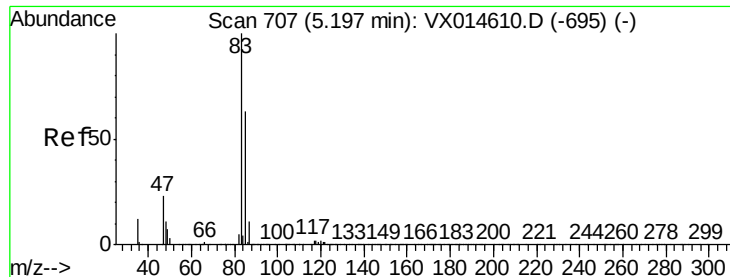
43 326.1 236.3 354.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 1.563 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014819.D

Acq: 05 Feb 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

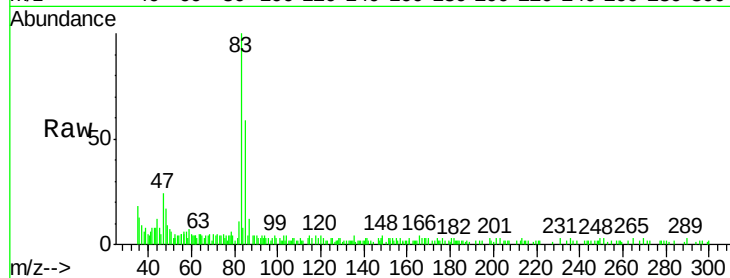
DSN-001-SEWER-OUTLET-001DL

Tot Ion: 83 Resp: 11089

Ion Ratio Lower Upper

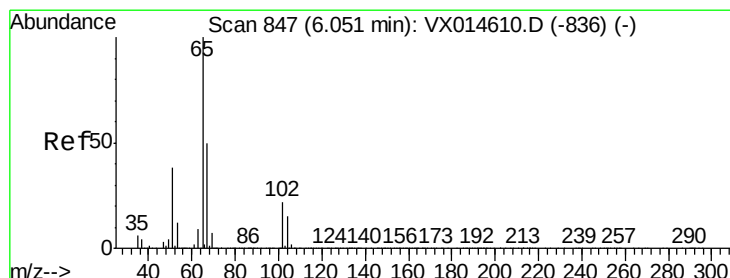
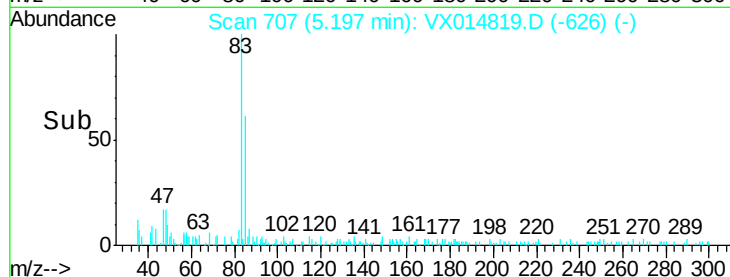
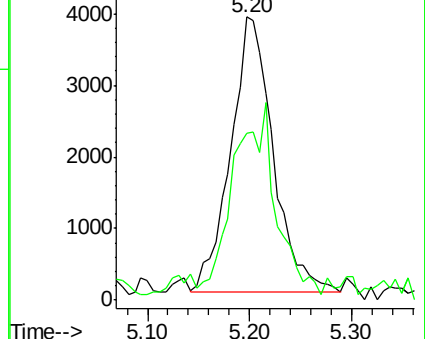
83 100

85 55.9 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: 30.901 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014819.D

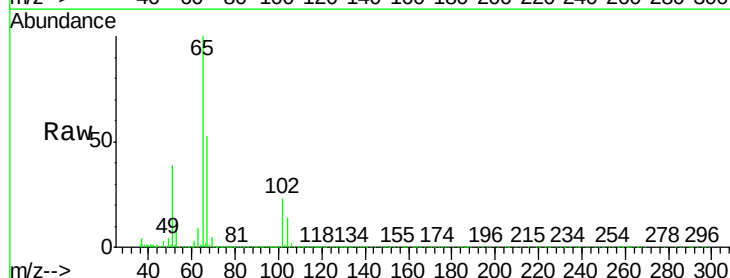
Acq: 05 Feb 2020 13:58

Tgt Ion: 65 Resp: 144493

Ion Ratio Lower Upper

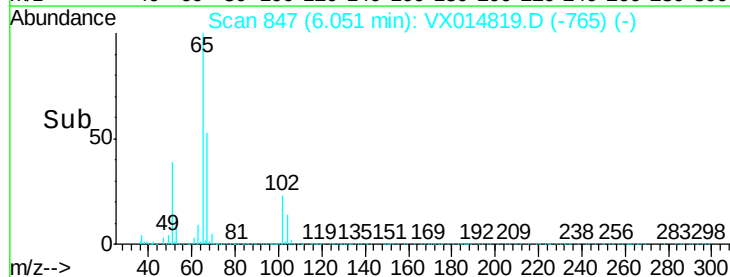
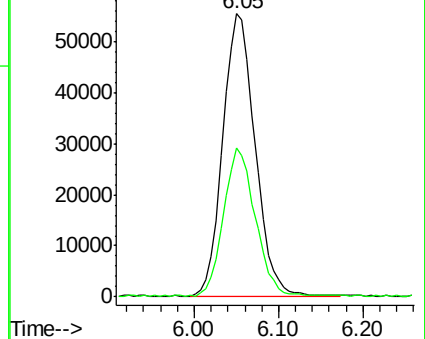
65 100

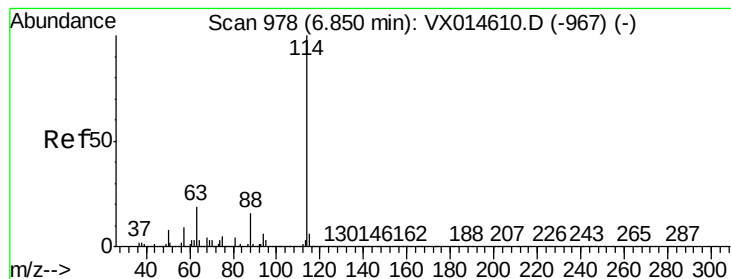
67 51.1 43.1 64.7



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: VX014819.D

Acq: 05 Feb 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

DSN-001-SEWER-OUTLET-001DL

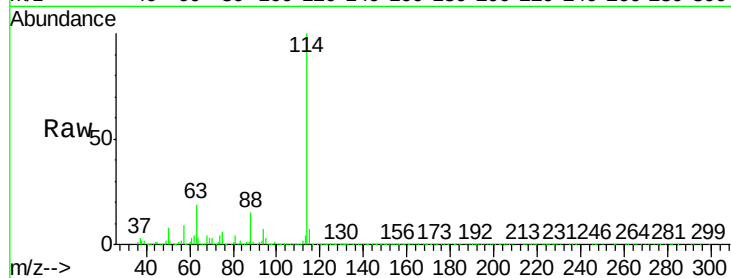
Tot Ion:114 Resp: 348298

Ion Ratio Lower Upper

114 100

63 20.3 16.1 24.1

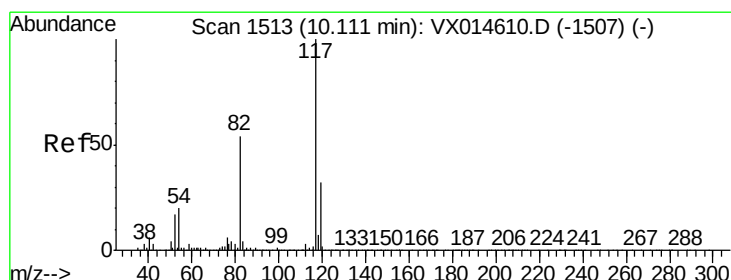
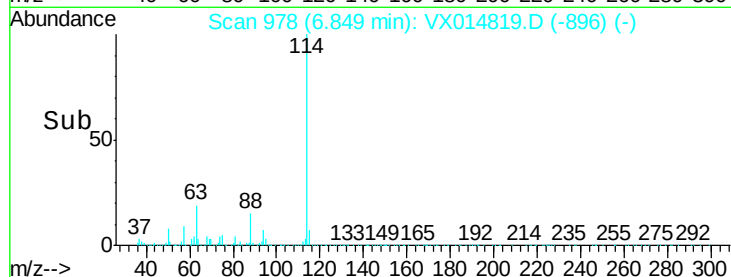
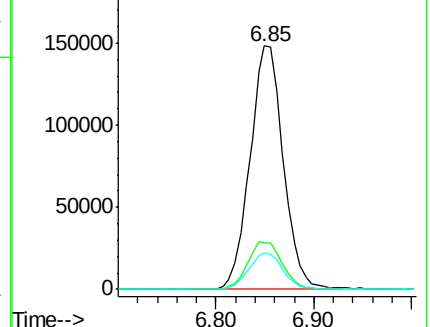
88 15.4 12.5 18.7



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: VX014819.D

Acq: 05 Feb 2020 13:58

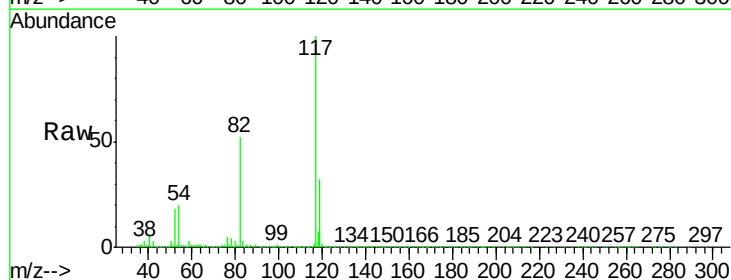
Tgt Ion:117 Resp: 318327

Ion Ratio Lower Upper

117 100

82 54.5 43.8 65.6

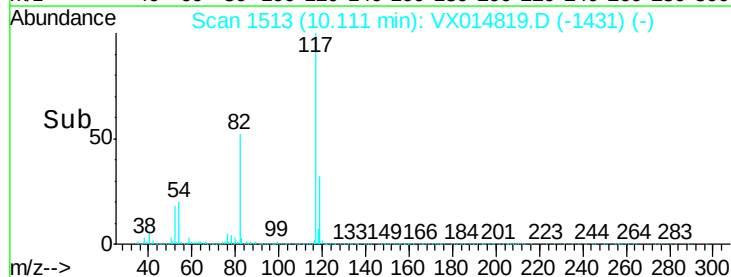
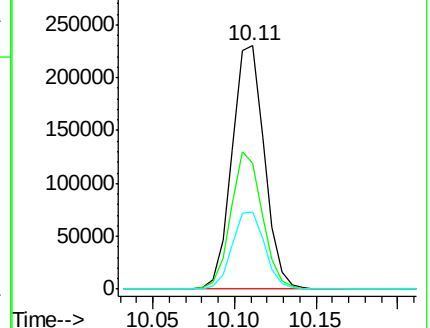
119 31.8 25.8 38.6

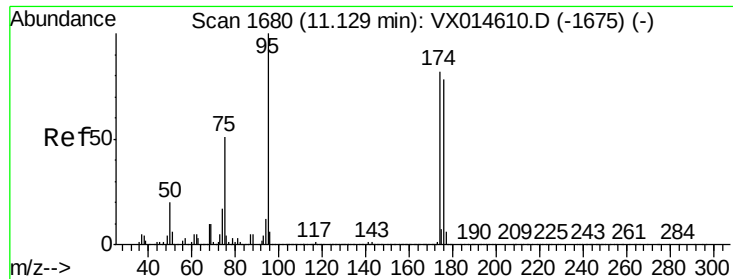


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

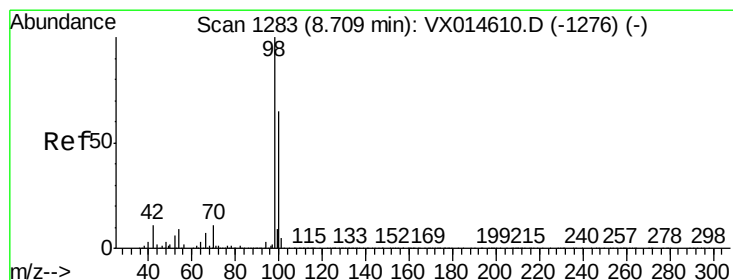
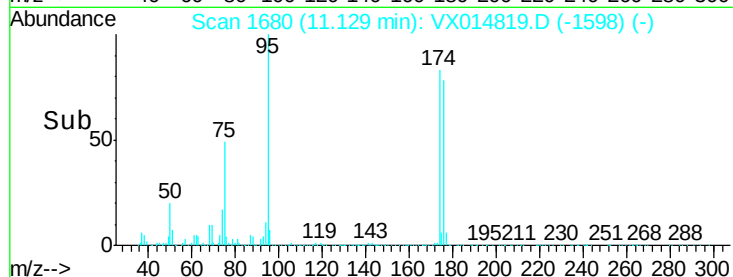
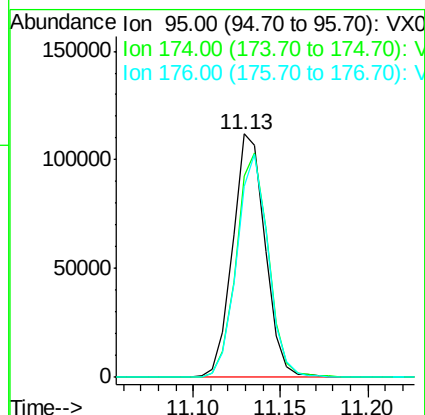
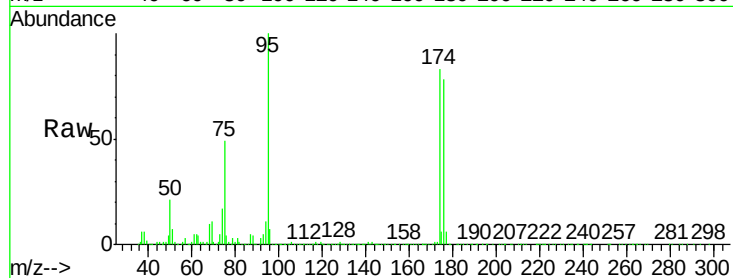




#60
4-Bromofluorobenzene
Concen: 28.403 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014819.D
Acq: 05 Feb 2020 13:58

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

Tot Ion: 95 Resp: 144683
Ion Ratio Lower Upper
95 100
174 90.6 70.2 105.2
176 88.4 68.3 102.5



#63
Toluene-d8
Concen: 29.057 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014819.D
Acq: 05 Feb 2020 13:58

Tgt Ion: 98 Resp: 417804
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.2

