

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
 Data File : VX014827.D
 Acq On : 05 Feb 2020 17:04
 Operator : JC/SP
 Sample : L1392-02DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Feb 06 06:30:56 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	65938	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	356599	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	318209	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	144604	31.20	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.00%
60) 4-Bromofluorobenzene	11.13	95	139561	27.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.37%
63) Toluene-d8	8.71	98	422439	29.39	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.97%

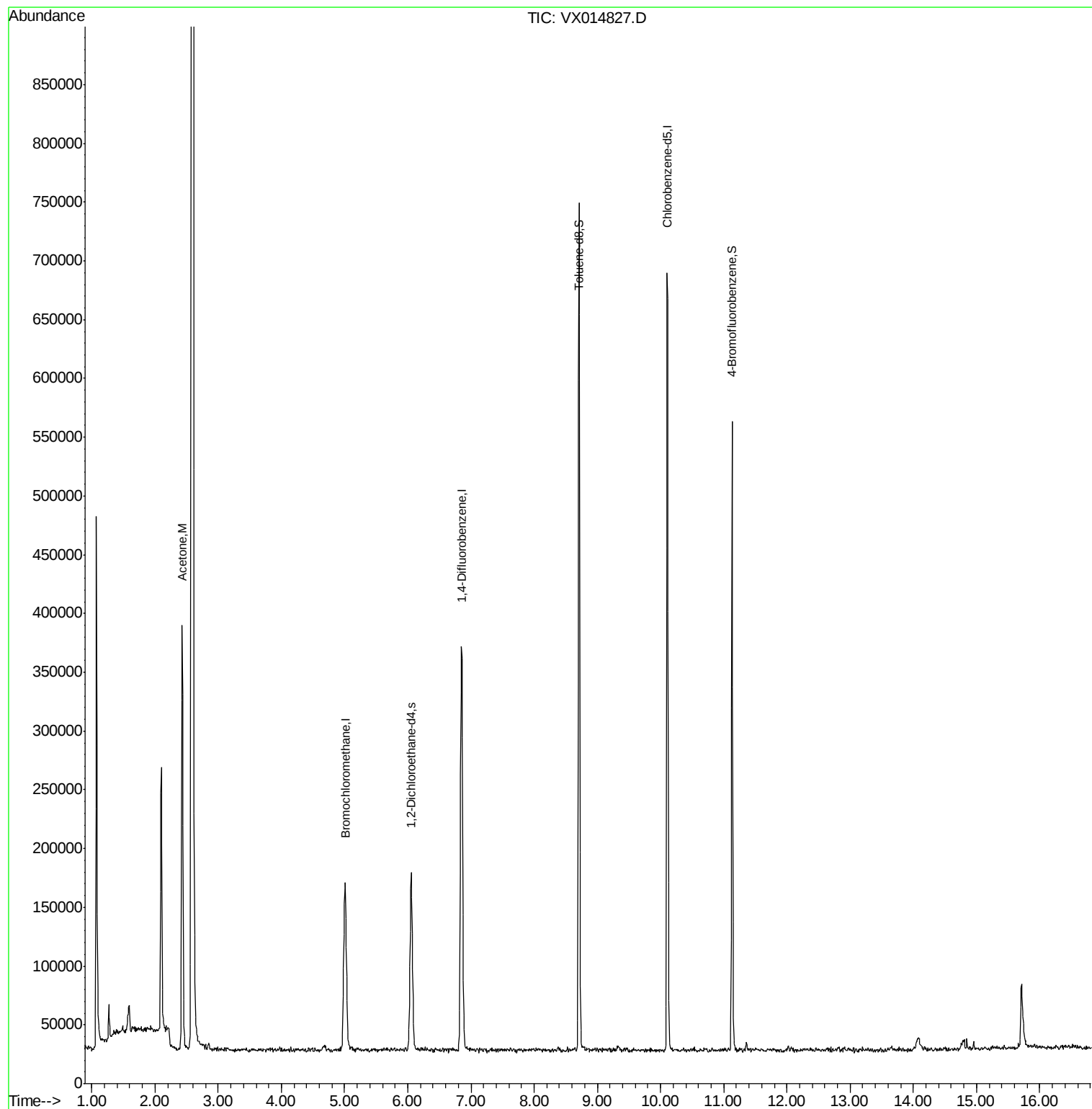
Target Compounds					Ovalue
15) Acetone	2.43	58	113161	149.604	ug/l 80

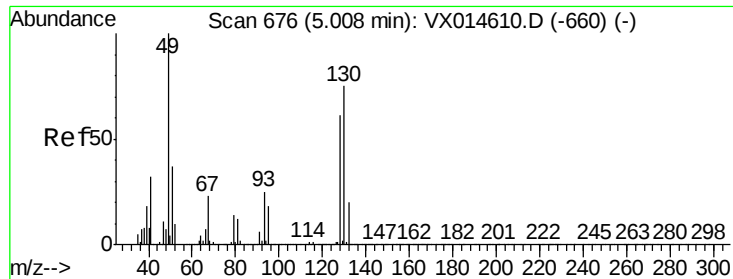
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014827.D

Acq: 05 Feb 2020 17:04

Instrument :

MSVOA_X

ClientSampleId :

DSN-002-SEWER-OUTLET-002DL

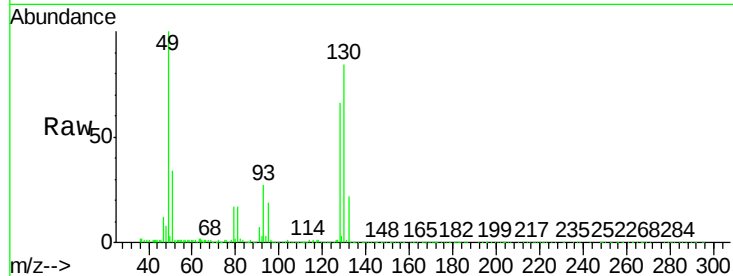
Tot Ion:128 Resp: 65938

Ion Ratio Lower Upper

128 100

49 153.1 0.0 405.0

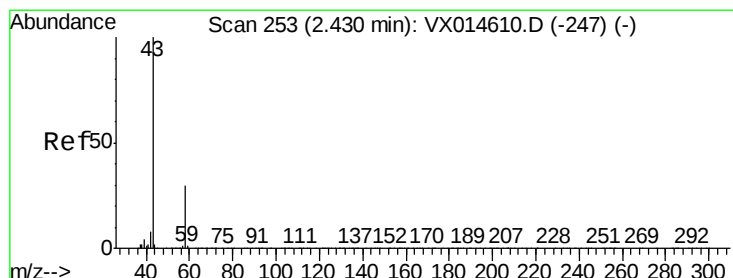
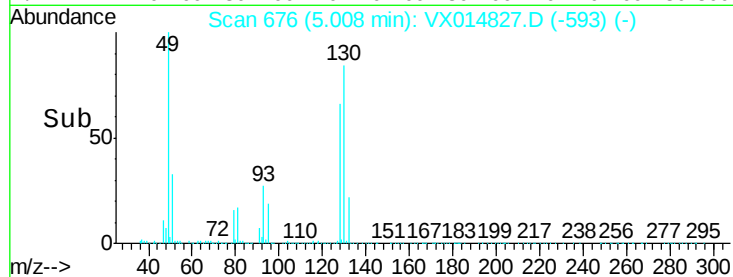
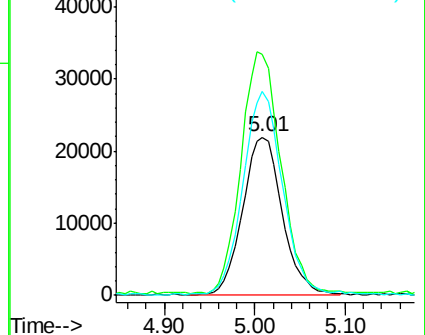
130 127.9 0.0 321.5



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: 149.604 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014827.D

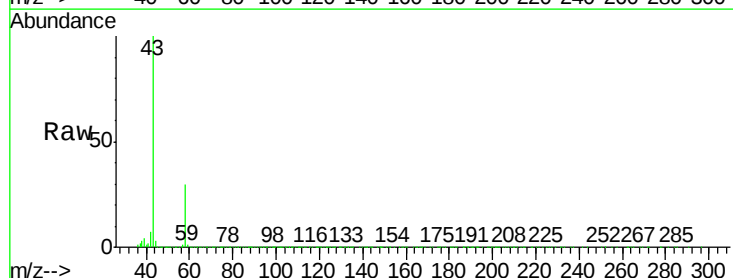
Acq: 05 Feb 2020 17:04

Tgt Ion: 58 Resp: 113161

Ion Ratio Lower Upper

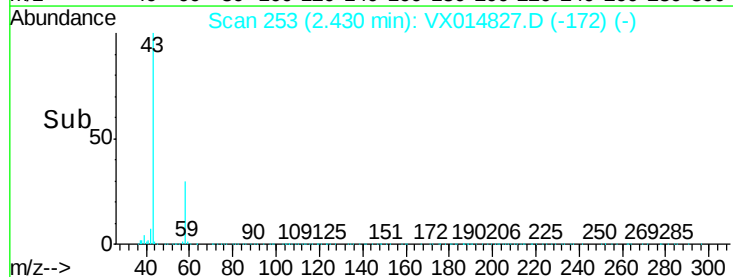
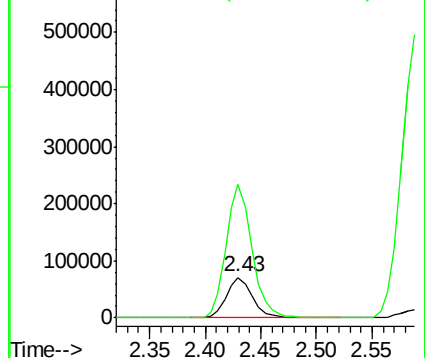
58 100

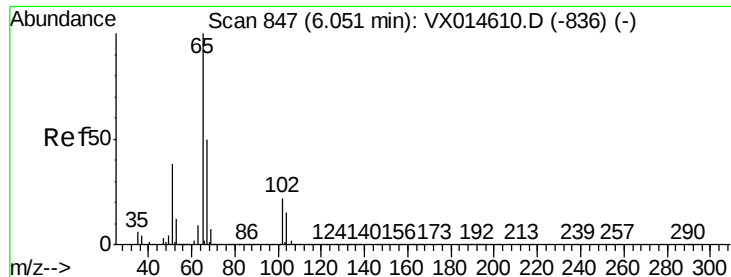
43 334.0 236.3 354.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 31.200 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014827.D

Acq: 05 Feb 2020 17:04

Instrument :

MSVOA_X

ClientSampleId :

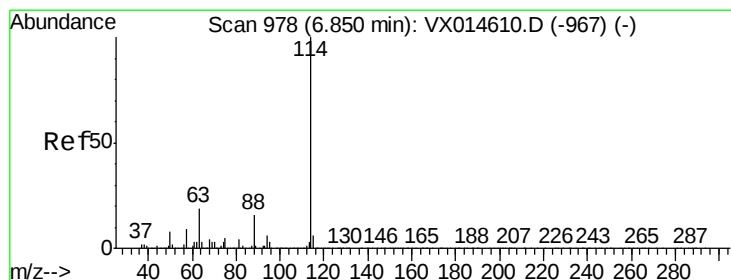
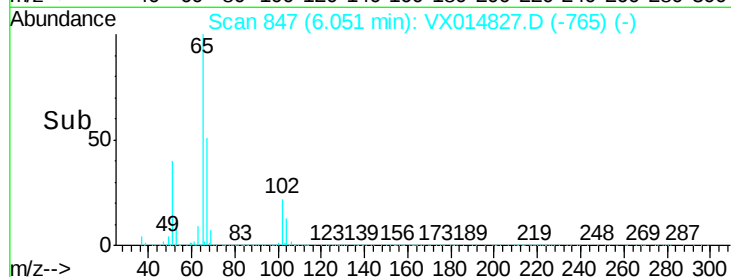
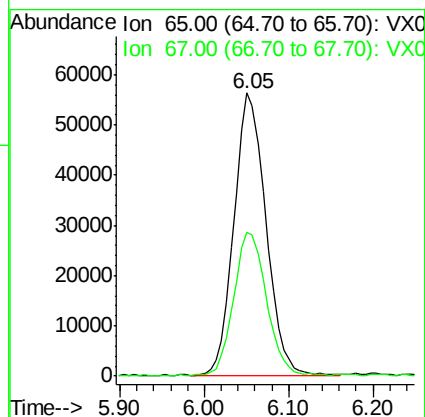
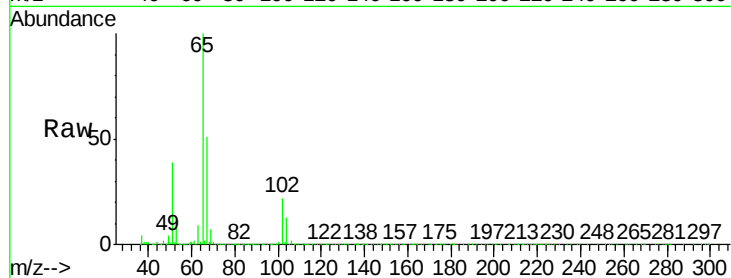
DSN-002-SEWER-OUTLET-002DL

Tot Ion: 65 Resp: 144604

Ion Ratio Lower Upper

65 100

67 51.6 43.1 64.7



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014827.D

Acq: 05 Feb 2020 17:04

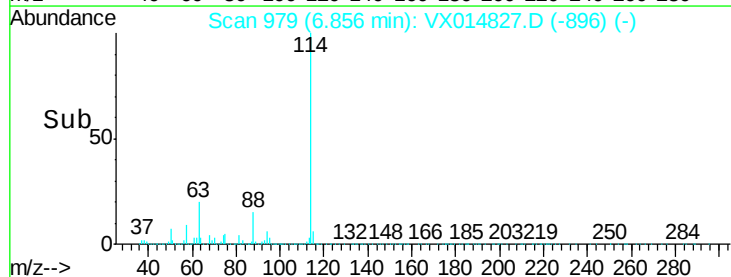
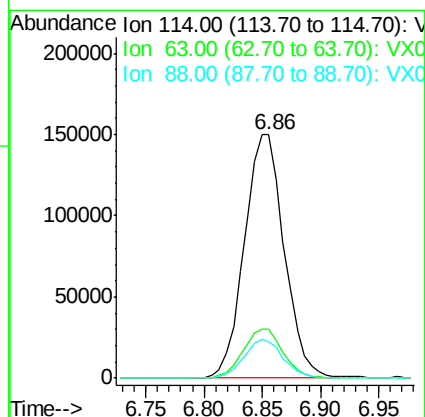
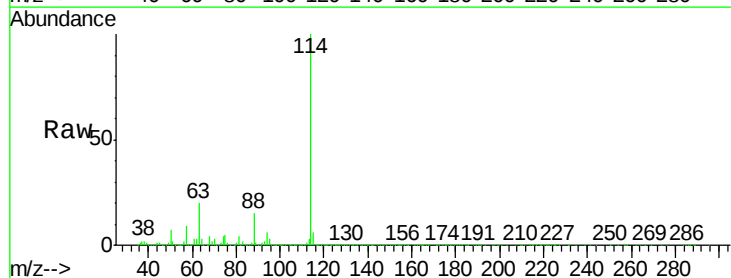
Tgt Ion: 114 Resp: 356599

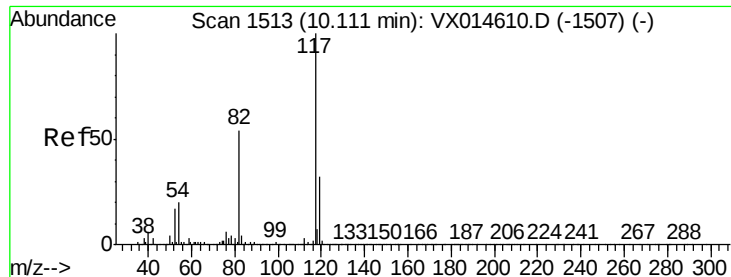
Ion Ratio Lower Upper

114 100

63 20.0 16.1 24.1

88 15.5 12.5 18.7

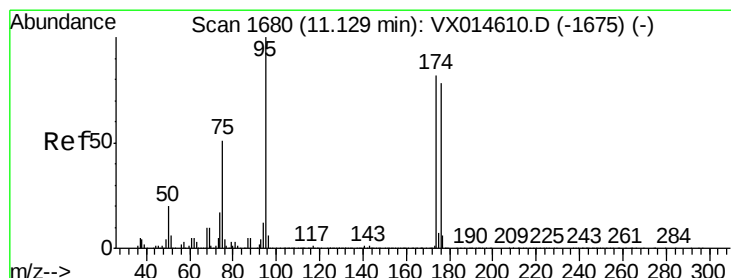
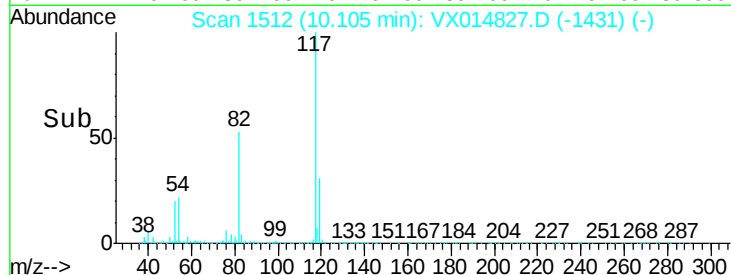
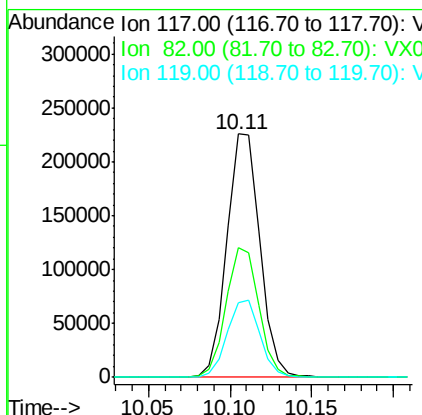
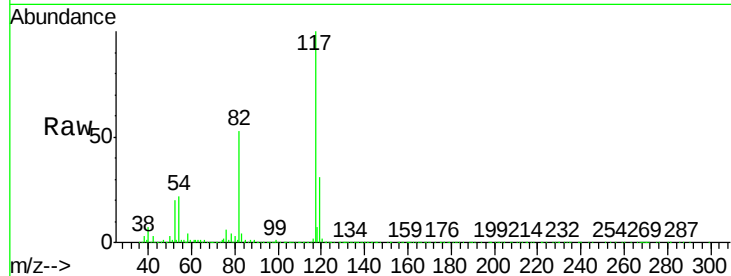




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014827.D
Acq: 05 Feb 2020 17:04

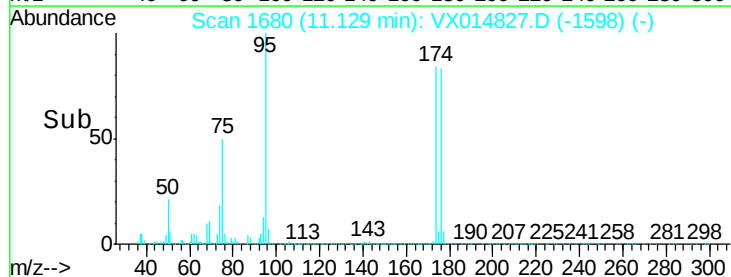
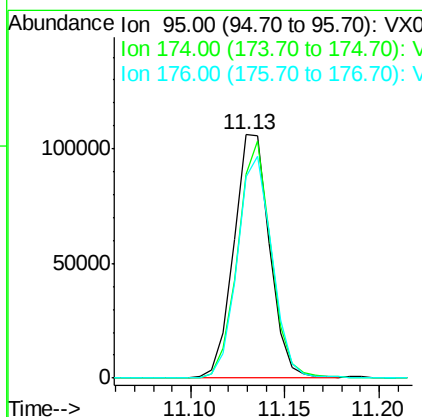
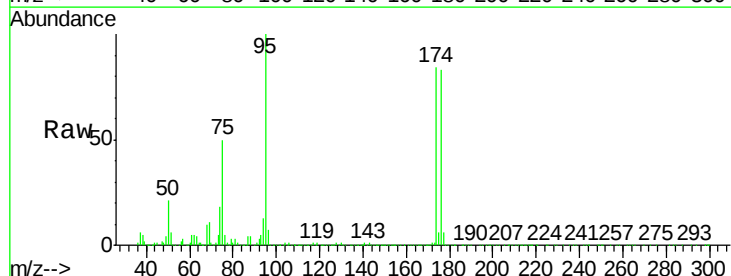
Instrument :
MSVOA_X
ClientSampleId :
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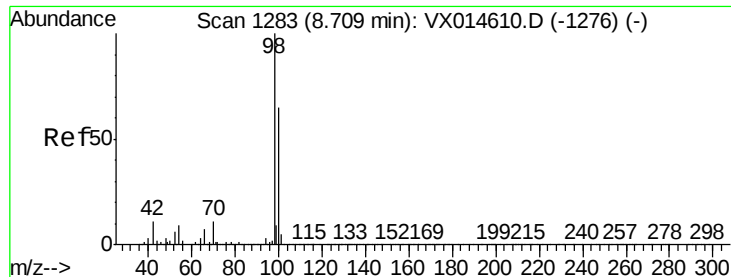
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.8	65.6
119	31.6	25.8	38.6



#60
4-Bromofluorobenzene
Concen: 27.408 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014827.D
Acq: 05 Feb 2020 17:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.9	70.2	105.2
176	89.0	68.3	102.5





#63

Toluene-d8

Concen: 29.390 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014827.D

Acq: 05 Feb 2020 17:04

Instrument :

MSVOA_X

ClientSampleId :

DSN-002-SEWER-OUTLET-002DL

Tot Ion: 98 Resp: 422439

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.2

