

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019485.D
 Acq On : 19 Nov 2020 22:47
 Operator : JC/MD
 Sample : L4834-02 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Nov 20 03:10:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 20 01:06:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	47861	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	256302	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.09	117	237319	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	104514	30.38	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.27%
60) 4-Bromofluorobenzene	11.12	95	106268	27.46	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.53%
63) Toluene-d8	8.70	98	306731	29.00	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.67%

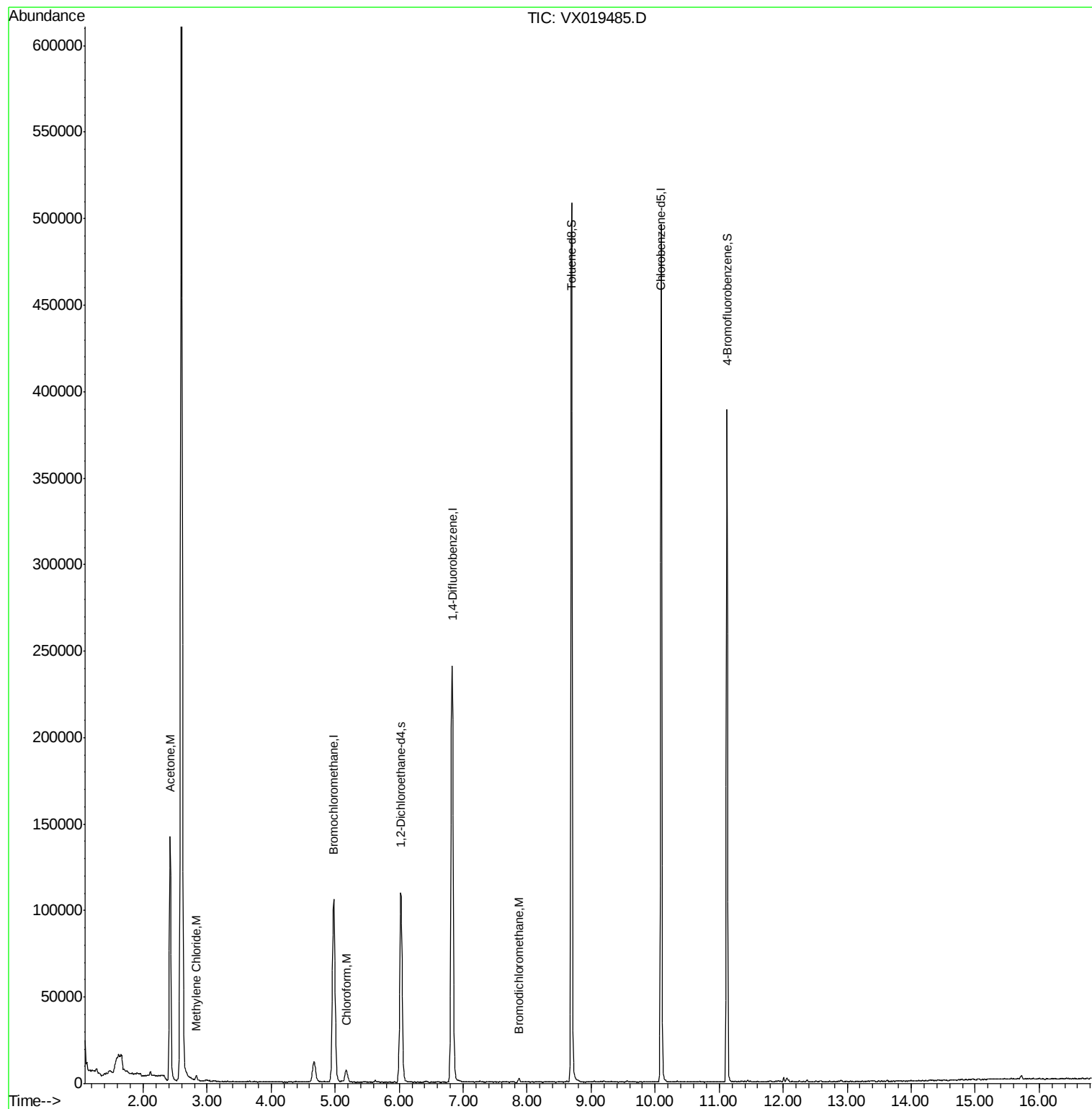
Target Compounds					Ovalue
15) Acetone	2.42	58	50252	111.675 ug/l	99
18) Methylene Chloride	2.83	84	1267	0.395 ug/l	92
25) Chloroform	5.18	83	8621	1.577 ug/l	92
41) Bromodichloromethane	7.87	83	1406	0.340 ug/l	88

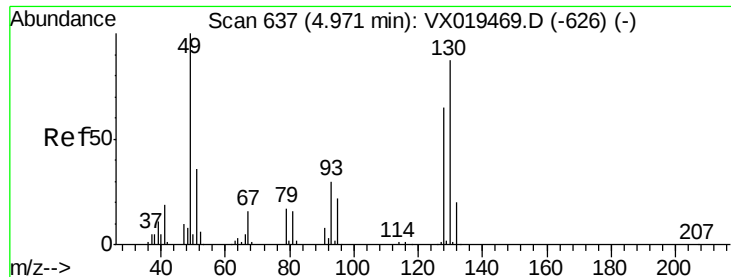
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 20 01:06:02 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX019485.D

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DSN-002-SEWER-OUTLET-002

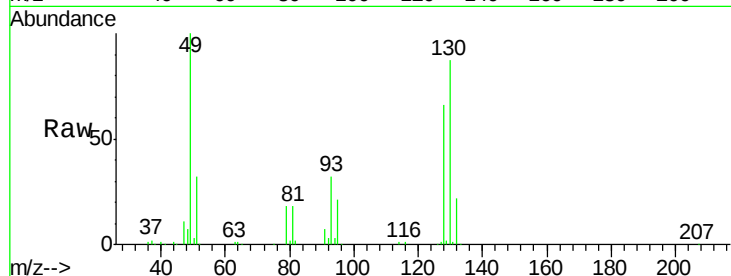
Tot Ion:128 Resp: 47861

Ion Ratio Lower Upper

128 100

49 146.4 0.0 377.8

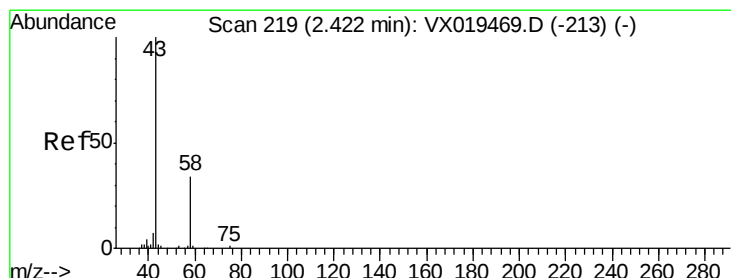
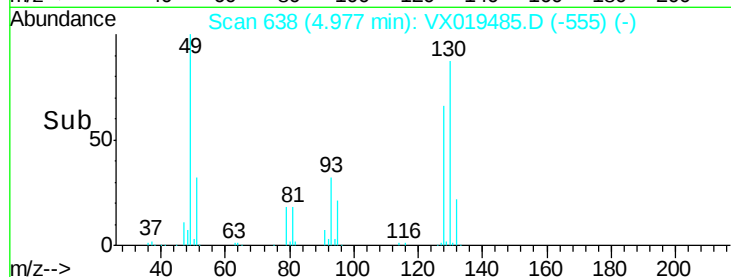
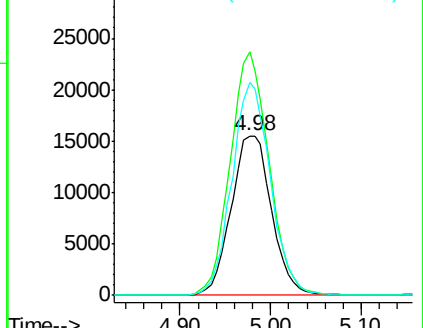
130 127.7 0.0 324.0



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: 111.675 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019485.D

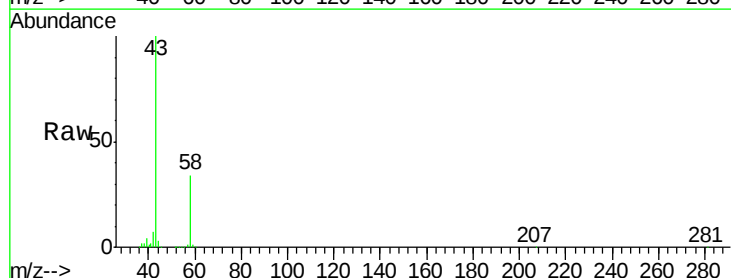
Acq: 19 Nov 2020 22:47

Tgt Ion: 58 Resp: 50252

Ion Ratio Lower Upper

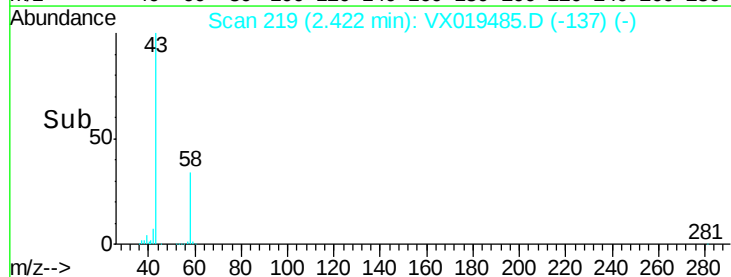
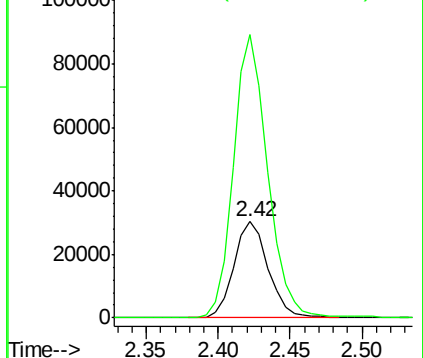
58 100

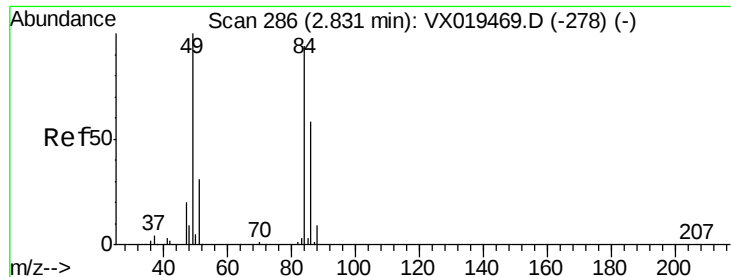
43 293.4 236.3 354.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

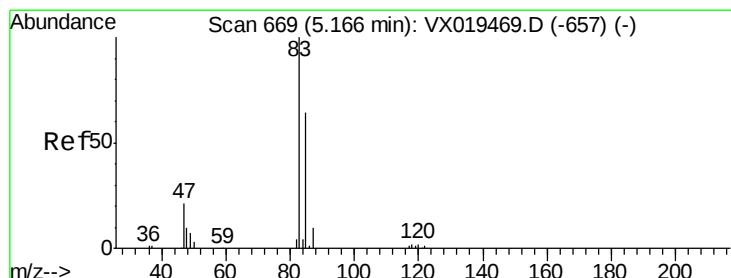
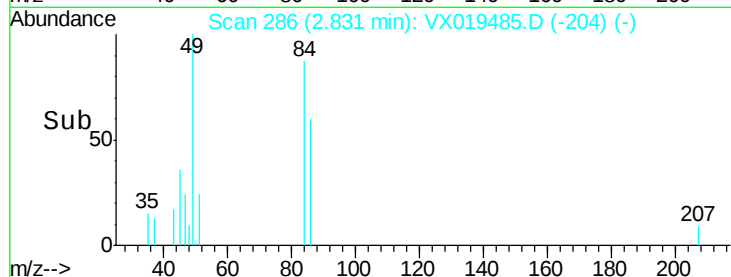
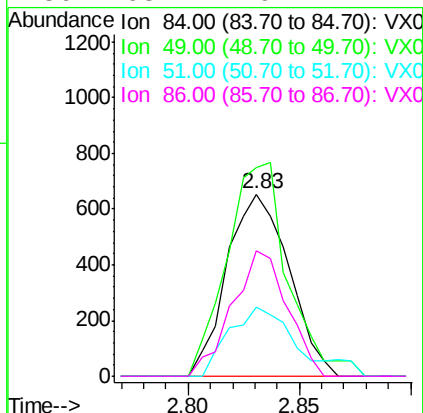
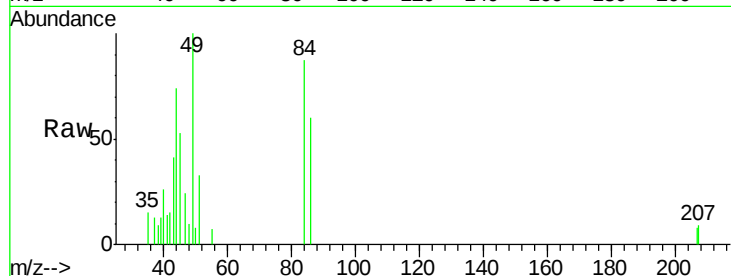




#18
Methvlene Chloride
Concen: 0.395 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019485.D
Acq: 19 Nov 2020 22:47

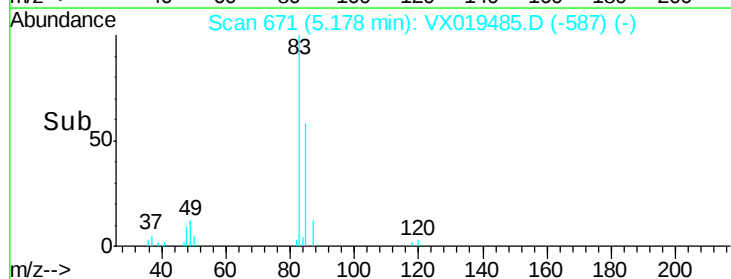
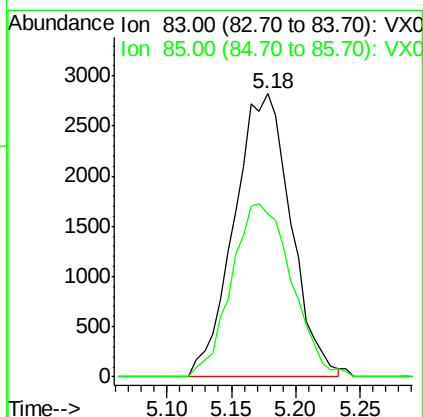
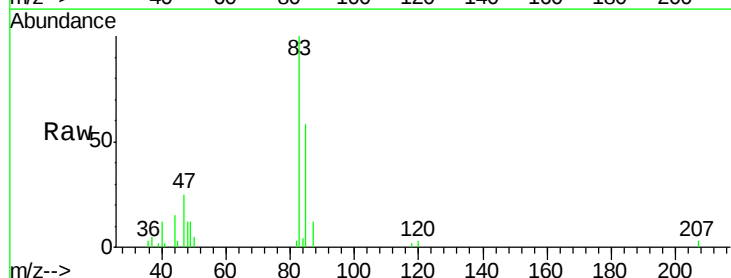
Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002

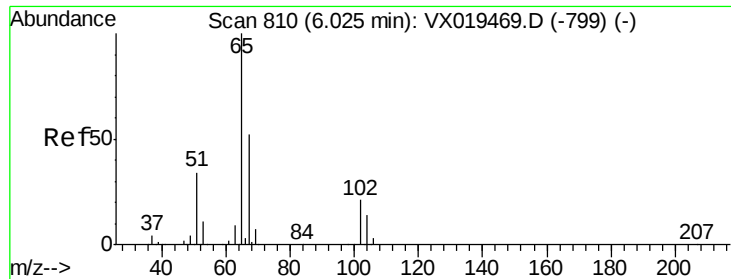
Tot Ion:	84	Resp:	1267
Ion	Ratio	Lower	Upper
84	100		
49	114.5	85.4	128.0
51	38.2	26.7	40.1
86	68.7	49.4	74.2



#25
Chloroform
Concen: 1.577 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX019485.D
Acq: 19 Nov 2020 22:47

Tgt Ion:	83	Resp:	8621
Ion	Ratio	Lower	Upper
83	100		
85	57.7	51.4	77.0

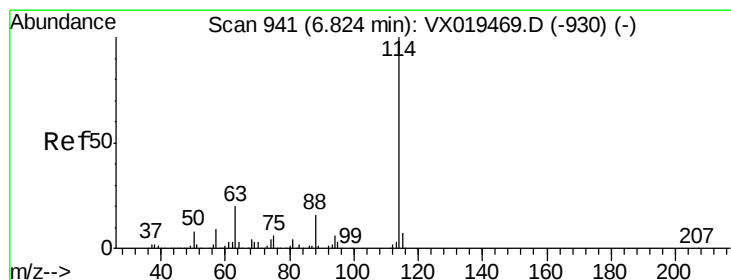
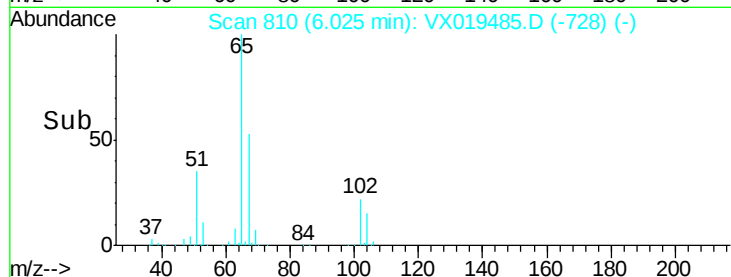
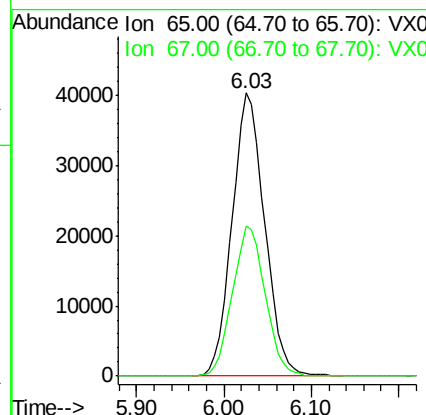
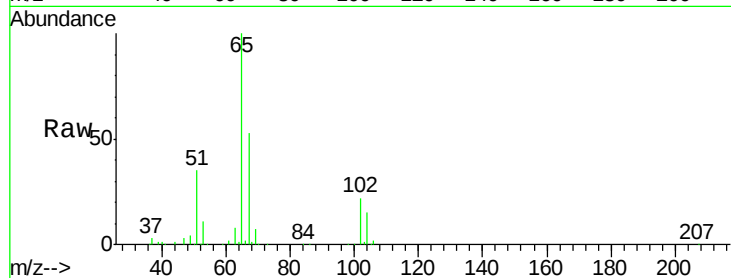




#27
 1,2-Dichloroethane-d4
 Concen: 30.383 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019485.D
 Acq: 19 Nov 2020 22:47

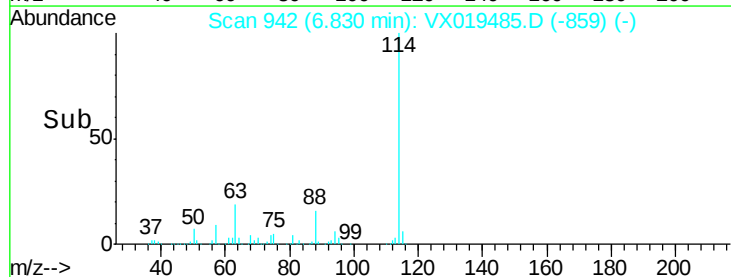
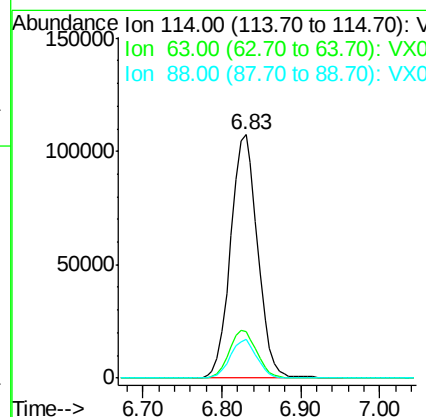
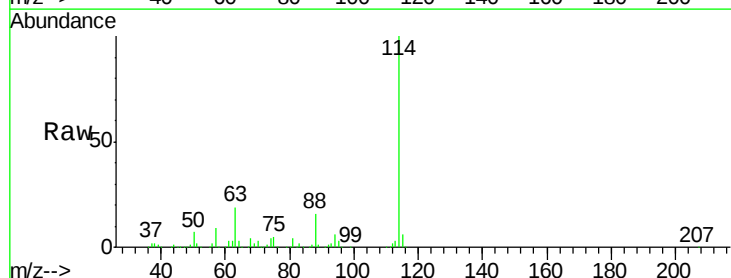
Instrument :
 MSVOA_X
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002

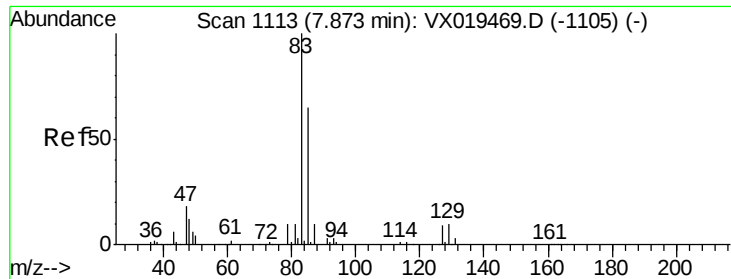
Tot Ion: 65 Resp: 104514
 Ion Ratio Lower Upper
 65 100
 67 53.2 42.2 63.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019485.D
 Acq: 19 Nov 2020 22:47

Tgt Ion: 114 Resp: 256302
 Ion Ratio Lower Upper
 114 100
 63 19.9 16.2 24.2
 88 15.6 12.9 19.3





#41

Bromodichloromethane

Concen: 0.340 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019485.D

Acq: 19 Nov 2020 22:47

Instrument :

MSVOA_X

ClientSampleId :

DSN-002-SEWER-OUTLET-002

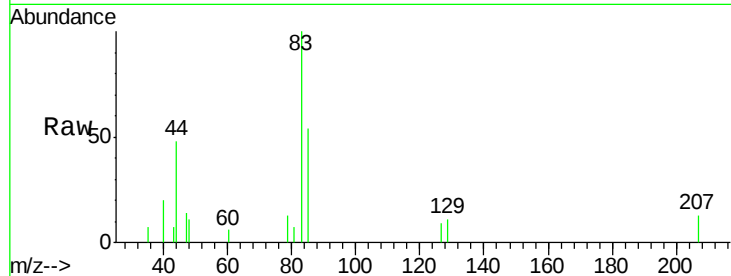
Tot Ion: 83 Resp: 1406

Ion Ratio Lower Upper

83 100

85 54.2 51.7 77.5

127 8.8 7.0 10.6

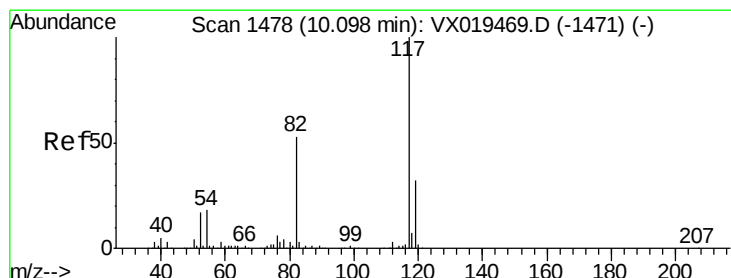
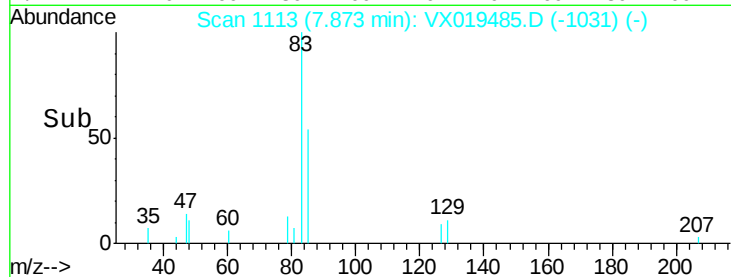
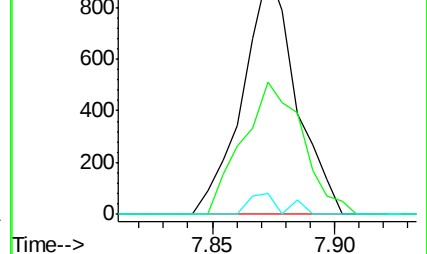


Abundance Ion 83.00 (82.70 to 83.70): VX019469.D (-1105) (-)

Ion 85.00 (84.70 to 85.70): VX019469.D (-1105) (-)

Ion 127.00 (126.70 to 127.70): VX019469.D (-1105) (-)

Time-->



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.01 min

Lab File: VX019485.D

Acq: 19 Nov 2020 22:47

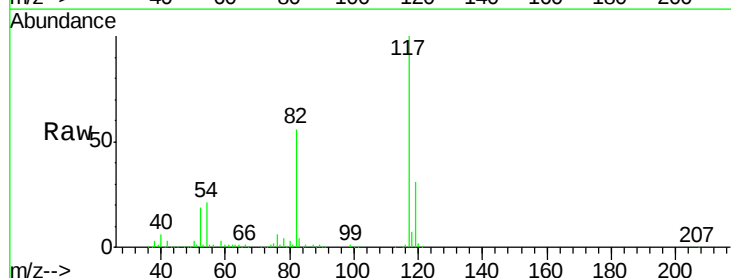
Tgt Ion: 117 Resp: 237319

Ion Ratio Lower Upper

117 100

82 55.7 44.5 66.7

119 31.9 25.9 38.9

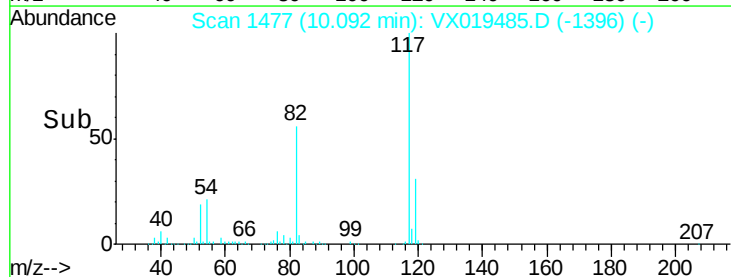
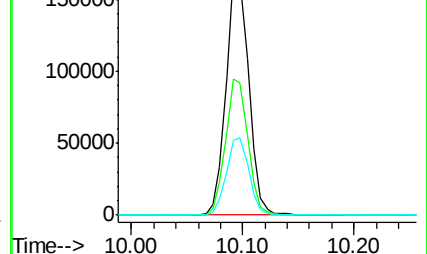


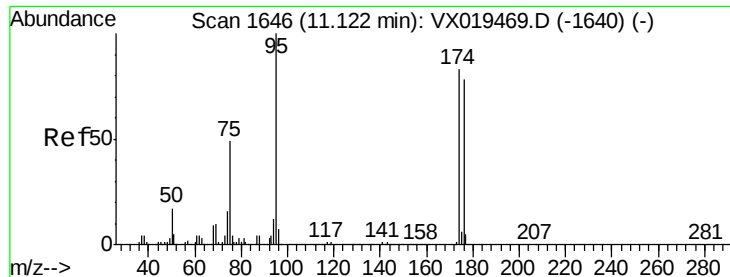
Abundance Ion 117.00 (116.70 to 117.70): VX019469.D (-1471) (-)

Ion 82.00 (81.70 to 82.70): VX019469.D (-1471) (-)

Ion 119.00 (118.70 to 119.70): VX019469.D (-1471) (-)

Time-->

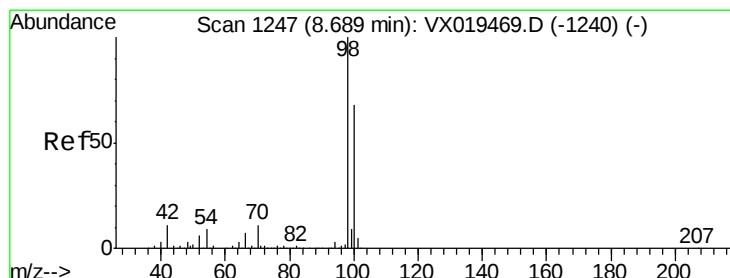
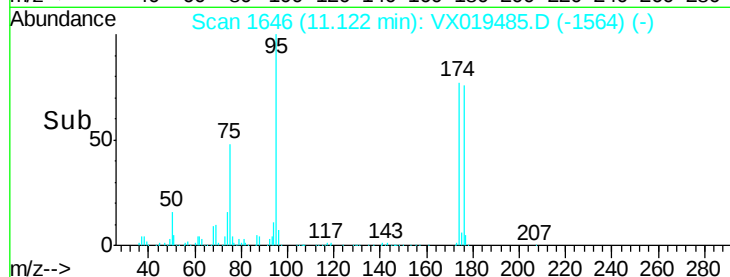
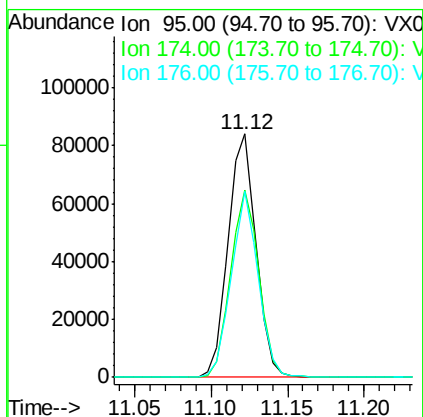
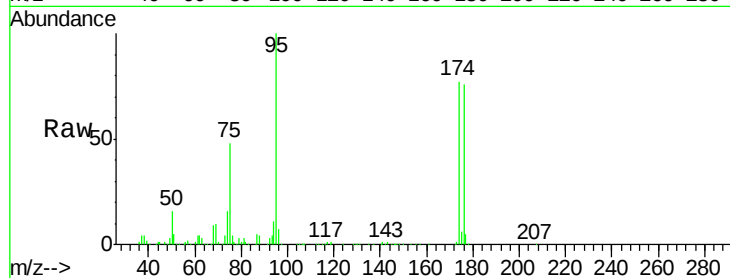




#60
 4-Bromofluorobenzene
 Concen: 27.457 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019485.D
 Acq: 19 Nov 2020 22:47

Instrument :
 MSVOA_X
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Tot Ion: 95 Resp: 106268
 Ion Ratio Lower Upper
 95 100
 174 77.8 63.5 95.3
 176 73.7 59.8 89.6



#63
 Toluene-d8
 Concen: 28.996 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.01 min
 Lab File: VX019485.D
 Acq: 19 Nov 2020 22:47

Tgt Ion: 98 Resp: 306731
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.6 80.4

