

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052883.D
 Acq On : 14 Dec 2018 12:35
 Operator : MD\SY
 Sample : J6401-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-1212A-SEWER-OUTFALL-002

Manual Integrations
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Quant Time: Dec 17 15:17:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.79	128	133238m	30.00	ug/l	0.59
28) 1,4-Difluorobenzene	8.91	114	722739	30.00	ug/l	0.32
57) Chlorobenzene-d5	11.48	117	584350	30.00	ug/l	0.07

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.45	65	267722	29.49	ug/l	0.42
Spiked Amount 30.000	Range 50 - 169		Recovery =	98.30%		
60) 4-Bromofluorobenzene	12.44	95	245252	27.45	ug/l	0.04
Spiked Amount 30.000	Range 56 - 143		Recovery =	91.50%		
63) Toluene-d8	10.25	98	799685	29.51	ug/l	0.16
Spiked Amount 30.000	Range 66 - 137		Recovery =	98.37%		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	4.68	58	619957m	884.993	ug/l	
25) Chloroform	7.91	83	56342m	3.742	ug/l	
41) Bromodichloromethane	9.62	83	16055m	1.512	ug/l	

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

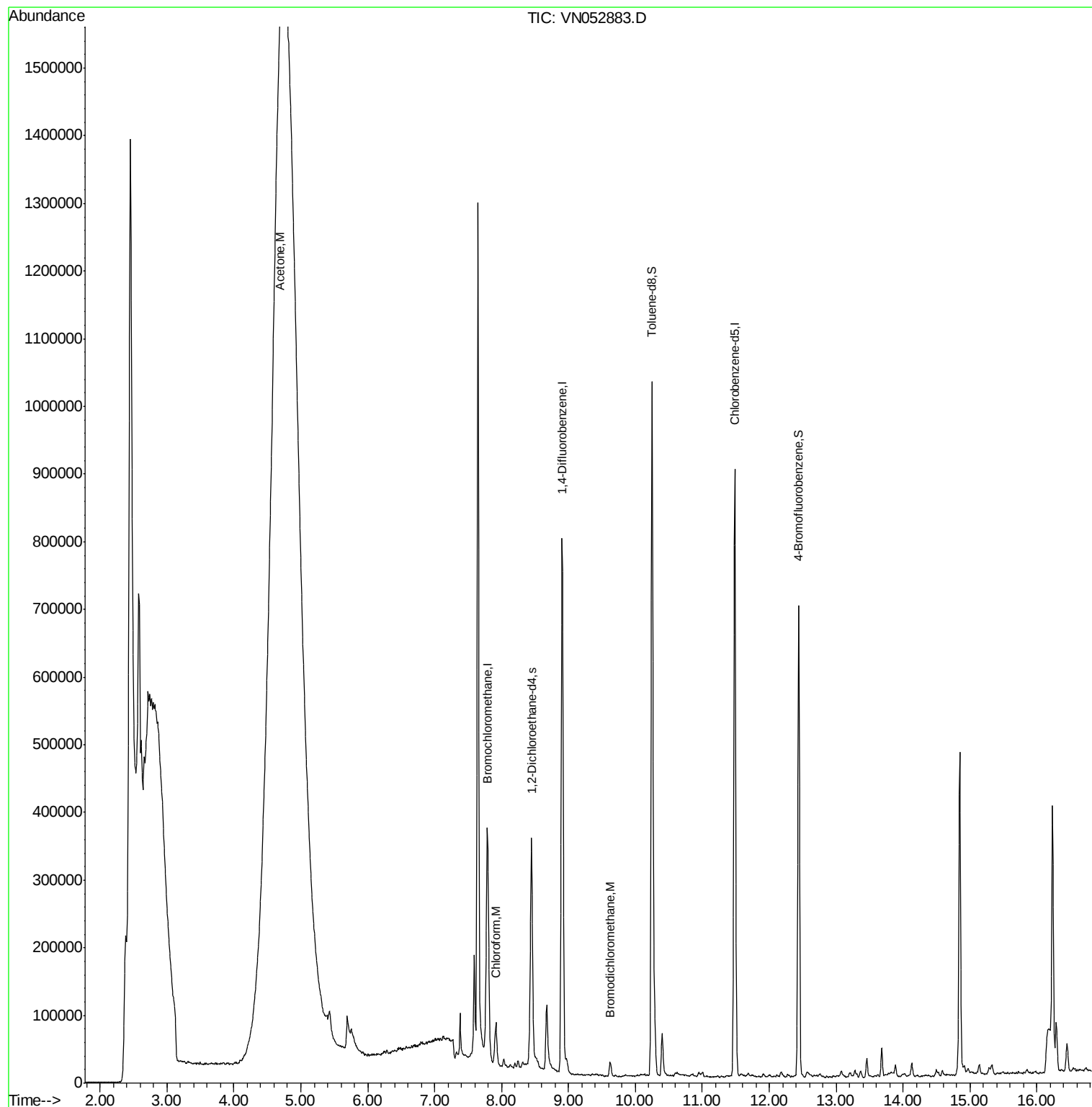
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121418\
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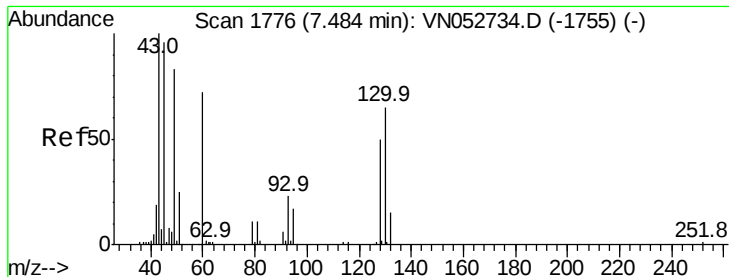
Instrument :
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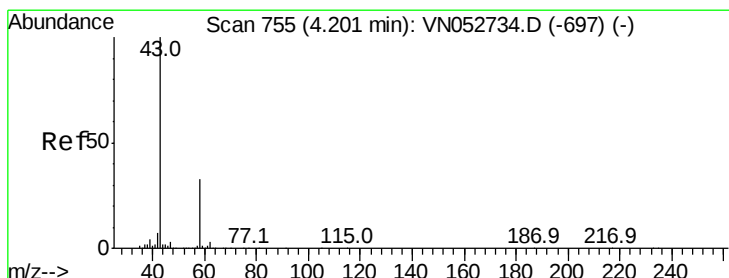
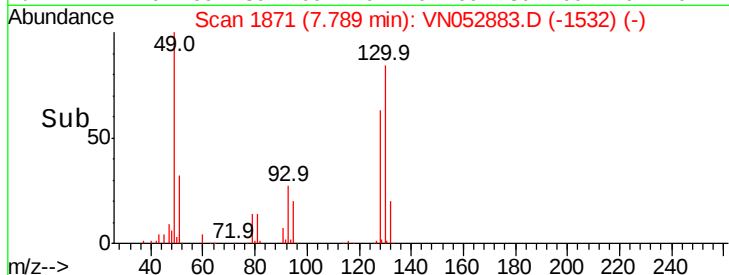
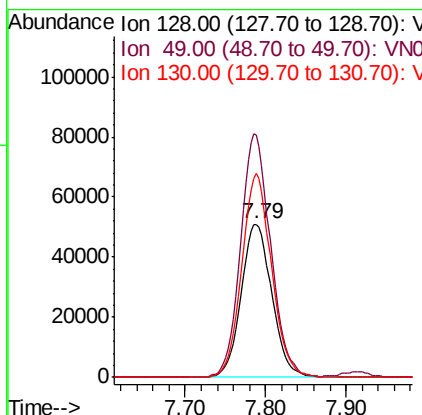
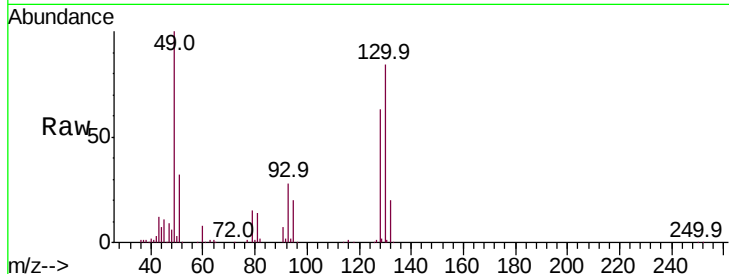
#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.79 min Scan# 1871
Delta R.T. 0.59 min
Lab File: VN052883.D
Acq: 14 Dec 2018 12:35

Instrument :
MSVOA_N
ClientSampleId :
002-1212A-SEWER-OUTFALL-002

Tot Ion	Ratio	Resp	Lower	Upper
128	100	133238		
49	0.1	0.0	431.8	
130	0.0	0.0	317.0	

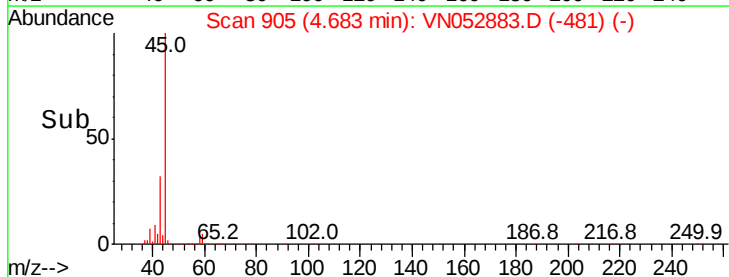
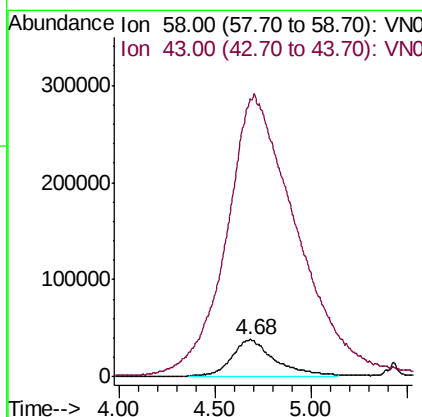
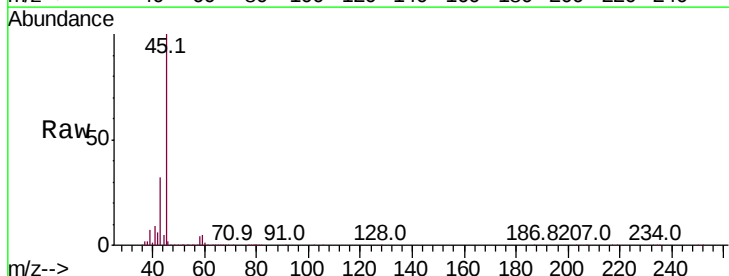
Manual Integrations
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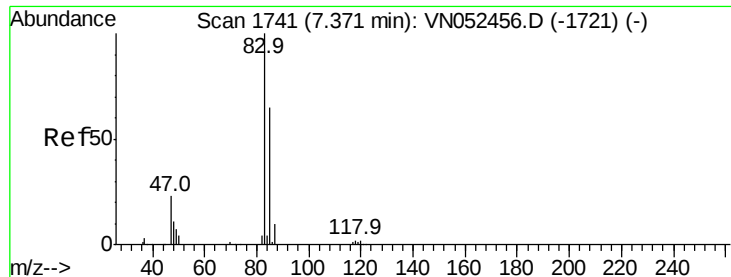
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#15
Acetone
Concen: 884.993 ug/l m
RT: 4.68 min Scan# 905
Delta R.T. 0.86 min
Lab File: VN052883.D
Acq: 14 Dec 2018 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
58	100	619957		
43	744.2	243.6	365.4#	





#25

Chloroform

Concen: 3.742 ug/l m

RT: 7.91 min Scan# 1910

Delta R.T. 0.54 min

Lab File: VN052883.D

Acq: 14 Dec 2018 12:35

Instrument :

MSVOA_N

ClientSampleId :

002-1212A-SEWER-OUTFALL-002

Tot Ion: 83 Resp: 56342

Ion Ratio Lower Upper

83 100

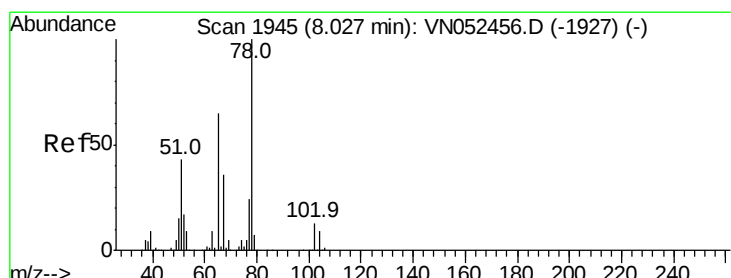
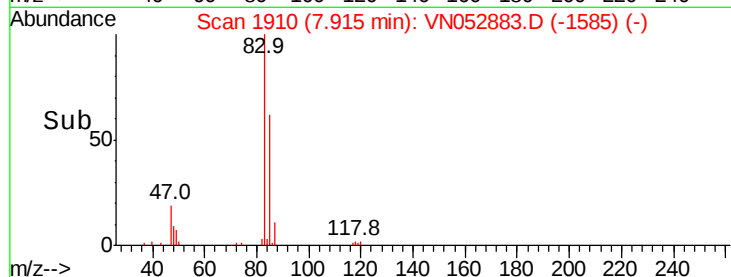
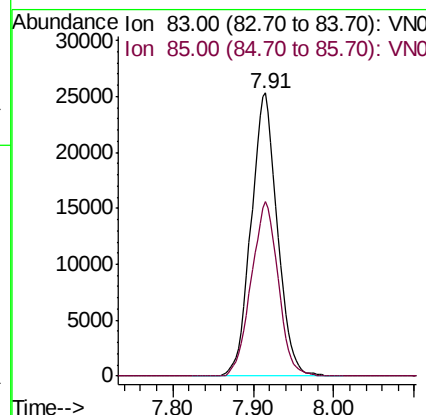
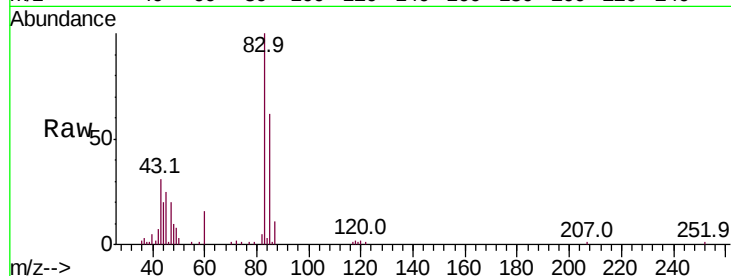
85 61.7 51.7 77.5

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#27

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.45 min Scan# 2076

Delta R.T. 0.42 min

Lab File: VN052883.D

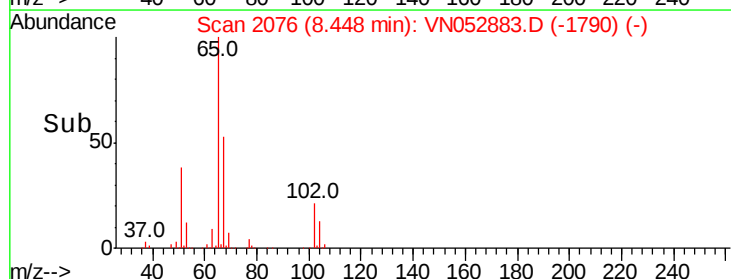
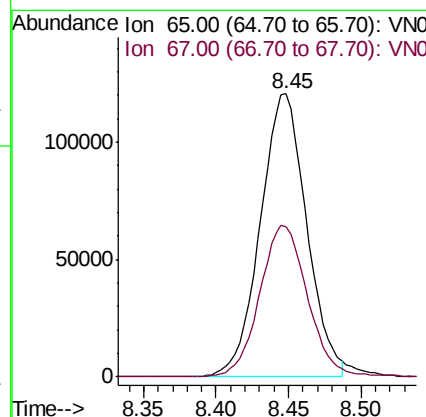
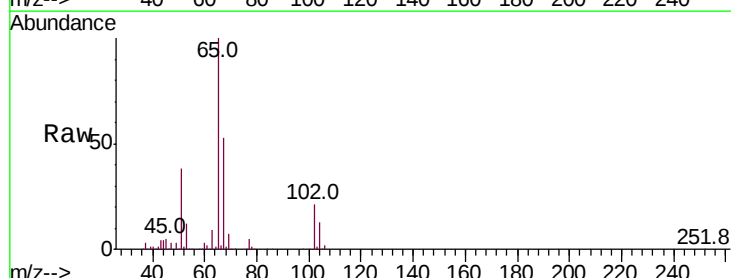
Acq: 14 Dec 2018 12:35

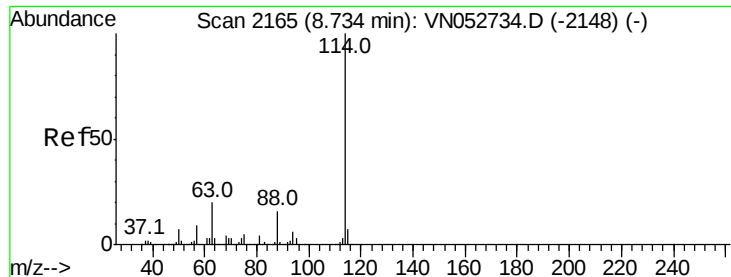
Tgt Ion: 65 Resp: 267722

Ion Ratio Lower Upper

65 100

67 54.5 44.6 66.8





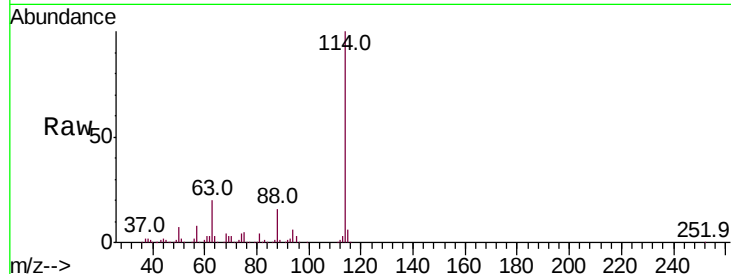
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.91 min Scan# 2219
 Delta R.T. 0.32 min
 Lab File: VN052883.D
 Acq: 14 Dec 2018 12:35

Instrument :
 MSVOA_N
 ClientSampleId :
 002-1212A-SEWER-OUTFALL-002

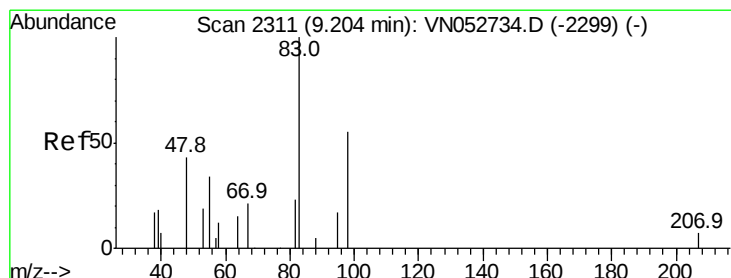
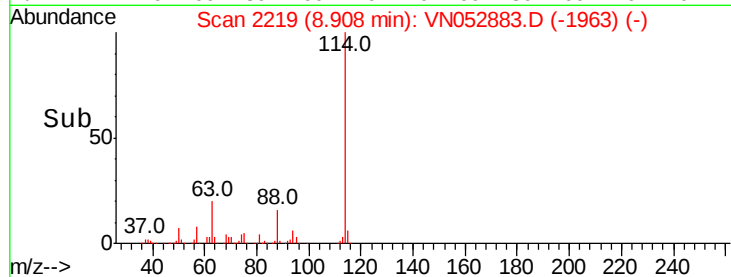
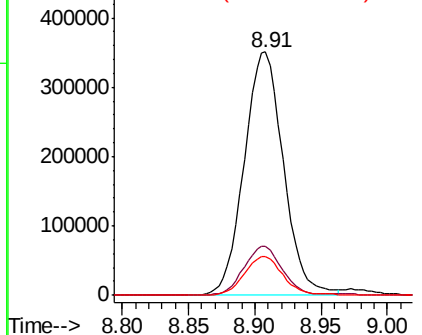
Tot Ion	Ratio	Resp	Lower	Upper
114	100	722739		
63	19.8		16.9	25.3
88	15.5		12.8	19.2

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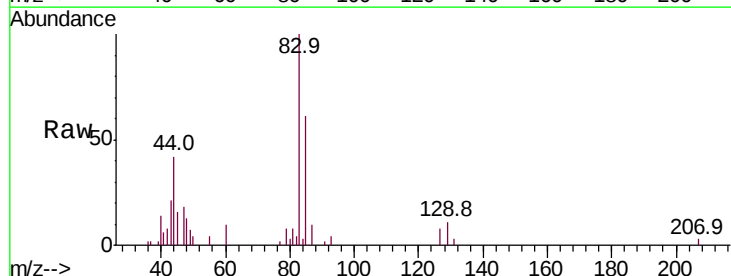


Abundance Ion 114.00 (113.70 to 114.70): VN052883.D (-2218) (-)
 Ion 63.00 (62.70 to 63.70): VN052883.D (-2218) (-)
 Ion 88.00 (87.70 to 88.70): VN052883.D (-2218) (-)

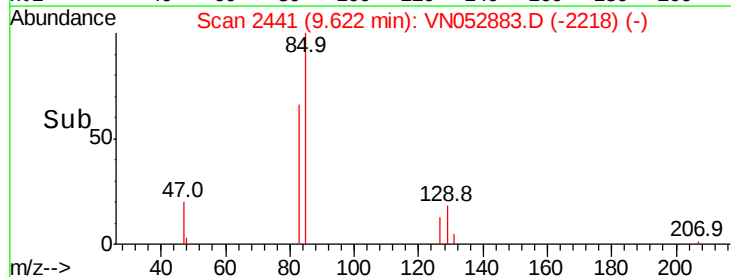
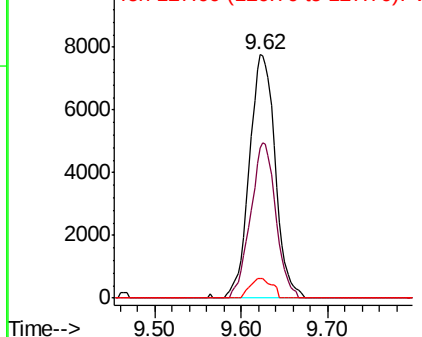


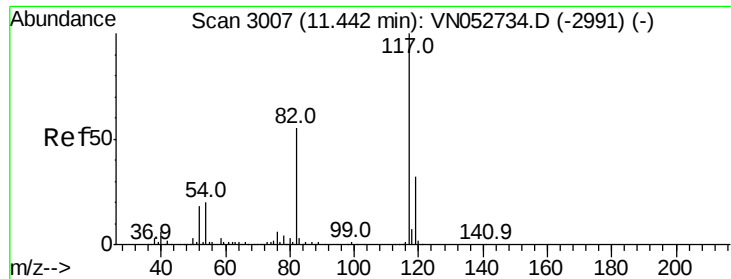
#41
 Bromodichloromethane
 Concen: 1.512 ug/l m
 RT: 9.62 min Scan# 2441
 Delta R.T. 0.22 min
 Lab File: VN052883.D
 Acq: 14 Dec 2018 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	16055		
85	61.4		52.4	78.6
127	8.2		6.6	9.8



Abundance Ion 83.00 (82.70 to 83.70): VN052883.D (-2218) (-)
 Ion 85.00 (84.70 to 85.70): VN052883.D (-2218) (-)
 Ion 127.00 (126.70 to 127.70): VN052883.D (-2218) (-)





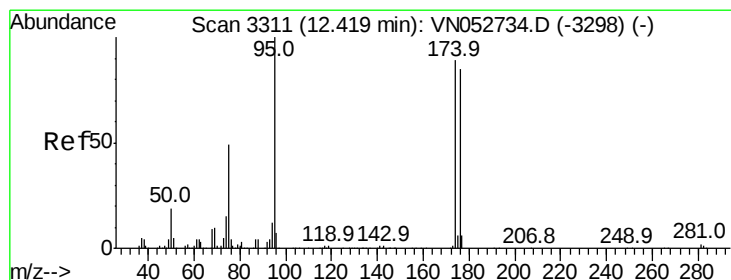
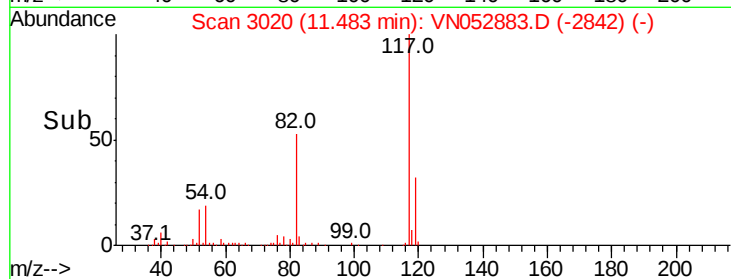
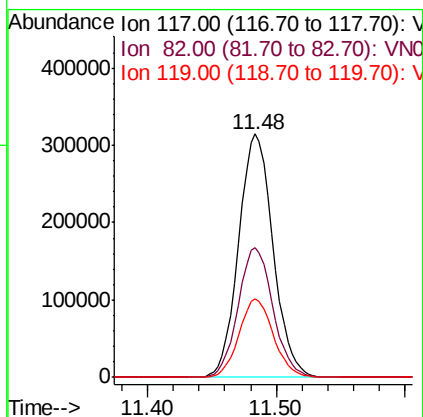
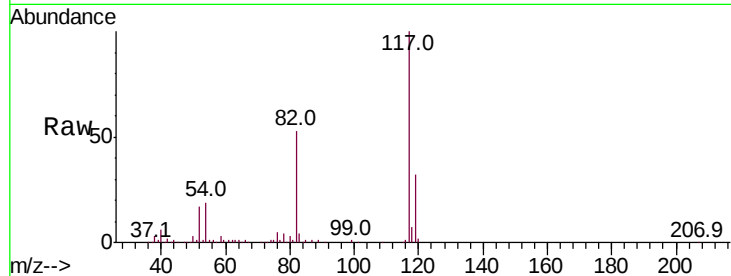
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.07 min
Lab File: VN052883.D
Acq: 14 Dec 2018 12:35

Instrument :
MSVOA_N
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002-1212A-SEWER-OUTFALL-002

Tot Ion	Ratio	Resp	Lower	Upper
117	100	584350		
82	53.9		44.2	66.2
119	32.1		25.4	38.2

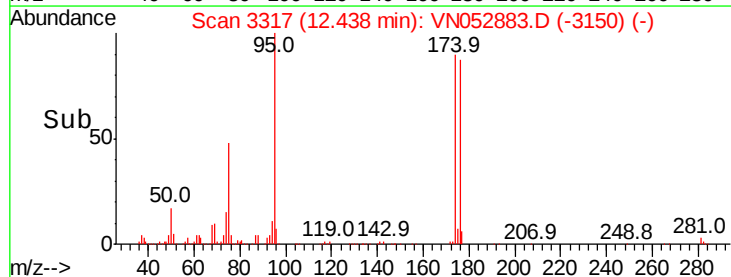
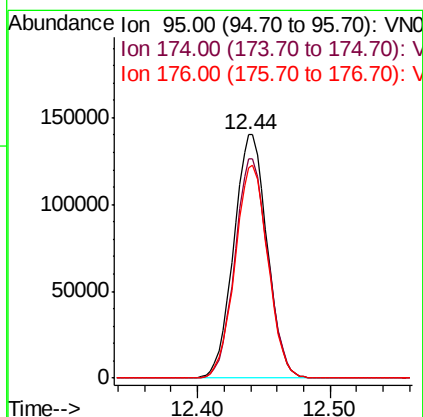
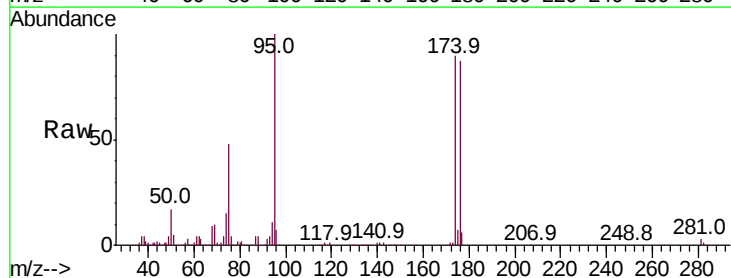
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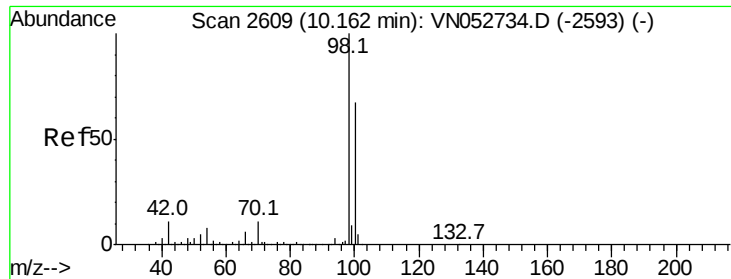
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#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.44 min Scan# 3317
Delta R.T. 0.04 min
Lab File: VN052883.D
Acq: 14 Dec 2018 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	245252		
174	89.0		67.9	101.9
176	86.1		66.4	99.6





#63
Toluene-d8
Concen: Below ug/l
RT: 10.25 min Scan# 2636
Delta R.T. 0.16 min
Lab File: VN052883.D
Acq: 14 Dec 2018 12:35

Instrument :
MSVOA_N
ClientSampleId :
002-1212A-SEWER-OUTFALL-002

Tot Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.1	76.7

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