

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052886.D
 Acq On : 14 Dec 2018 13:57
 Operator : MD\SY
 Sample : J6401-03 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

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

Quant Time: Dec 15 03:15:09 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	7.20	128	159668	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	934127	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	805646	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	321485	29.55	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	98.50%	
60) 4-Bromofluorobenzene	12.40	95	355459	28.86	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	96.20%	
63) Toluene-d8	10.09	98	1075667	28.79	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	95.97%	

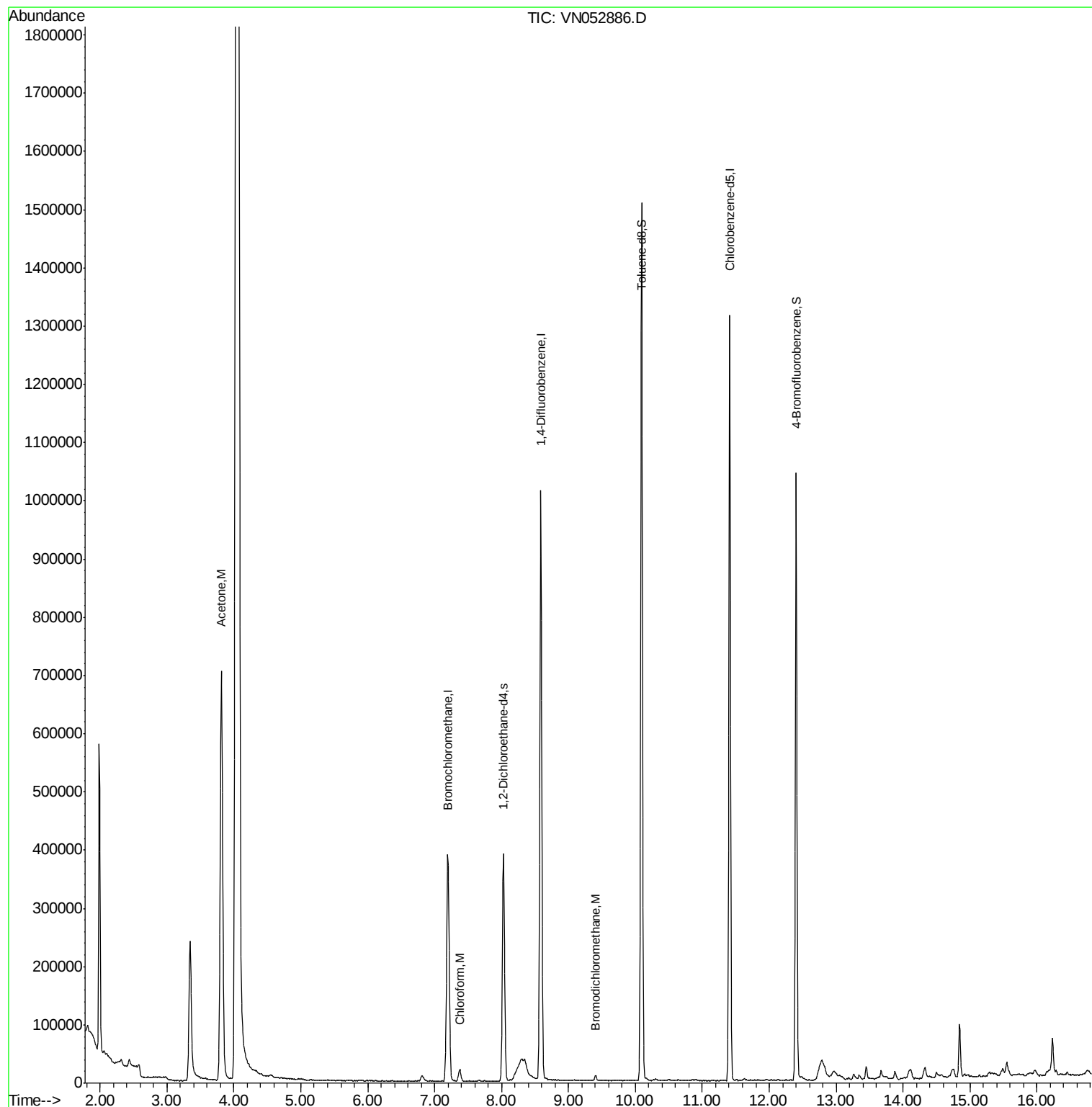
Target Compounds					Ovalue
15) Acetone	3.82	58	389692	464.205 ug/l	99
25) Chloroform	7.38	83	22097	1.225 ug/l	99
41) Bromodichloromethane	9.40	83	6713	0.489 ug/l #	93

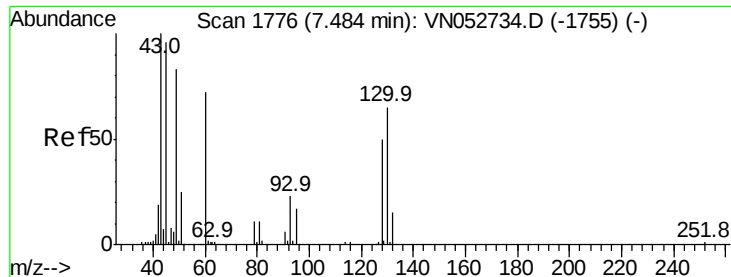
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052886.D

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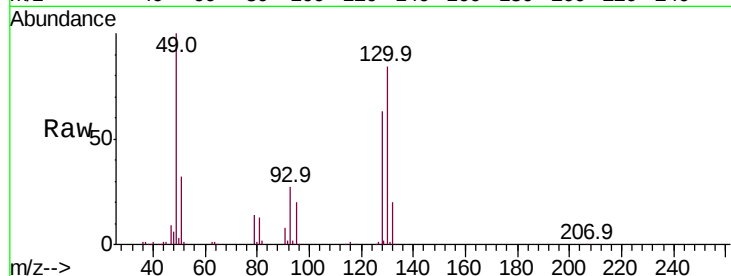
Tot Ion:128 Resp: 159668

Ion Ratio Lower Upper

128 100

49 157.2 0.0 431.8

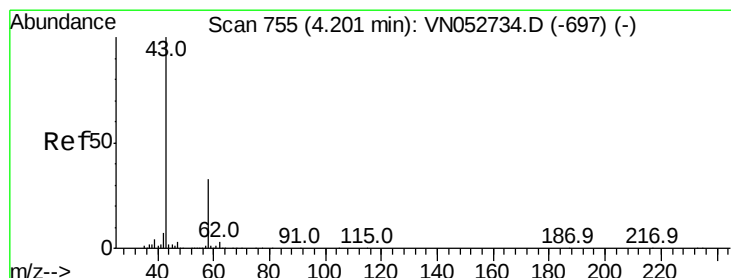
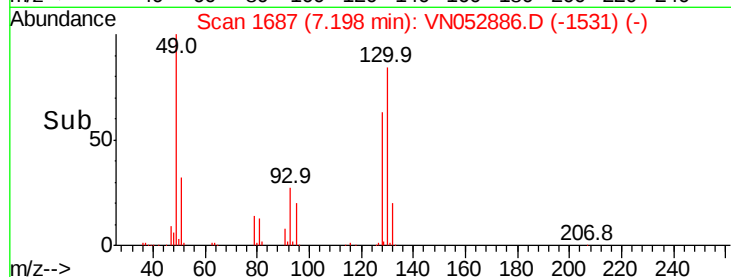
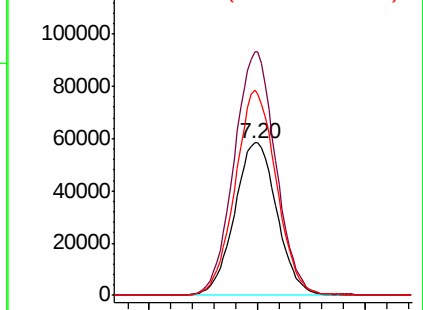
130 131.0 0.0 317.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 464.205 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052886.D

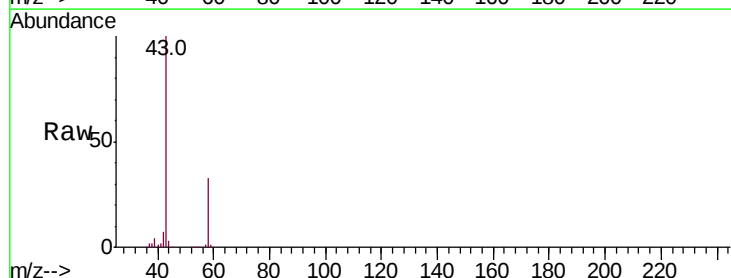
Acq: 14 Dec 2018 13:57

Tgt Ion: 58 Resp: 389692

Ion Ratio Lower Upper

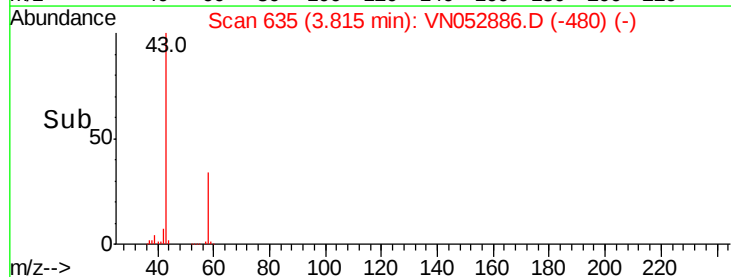
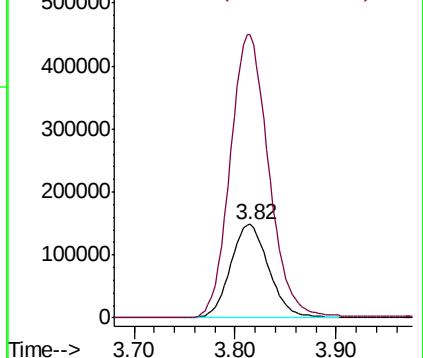
58 100

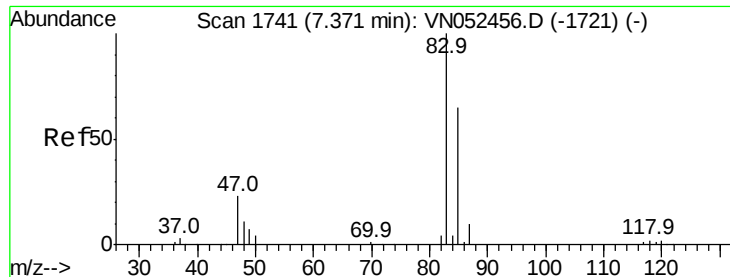
43 302.2 243.6 365.4



Abundance Ion 58.00 (57.70 to 58.70): VN

Ion 43.00 (42.70 to 43.70): VN

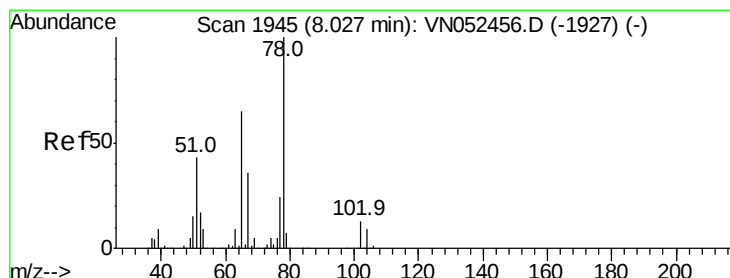
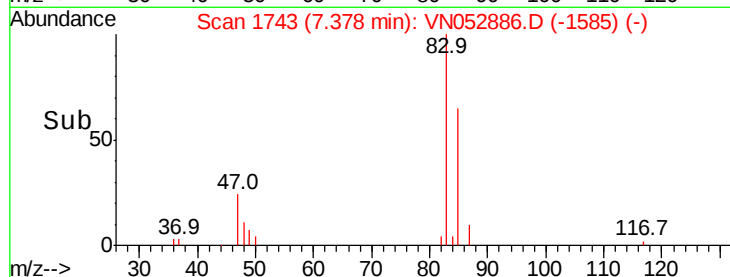
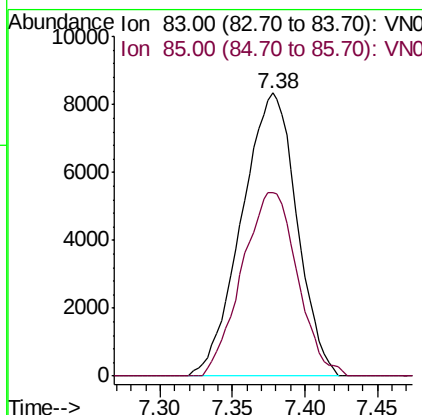
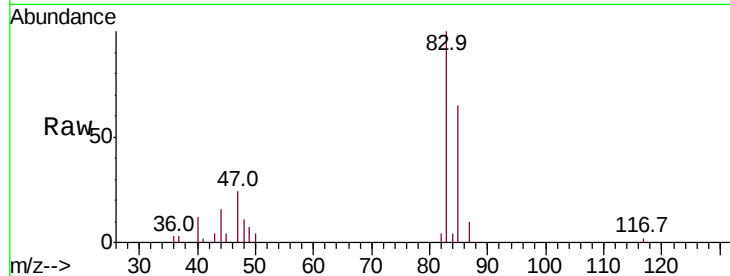




#25
Chloroform
Concen: 1.225 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN052886.D
Acq: 14 Dec 2018 13:57

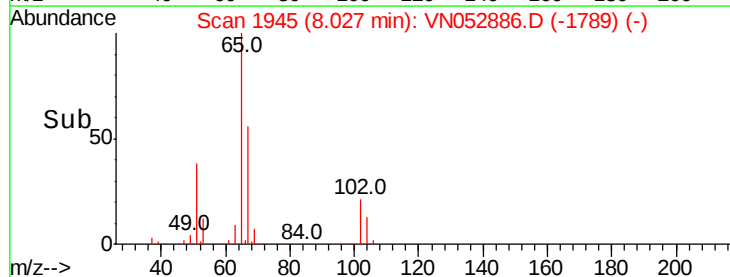
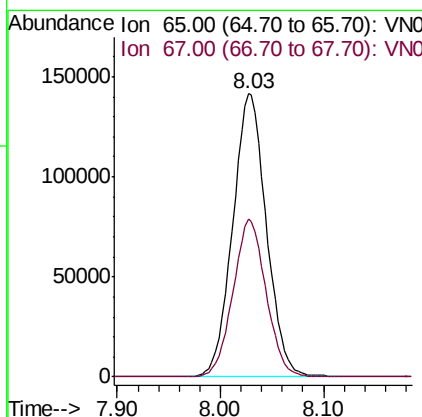
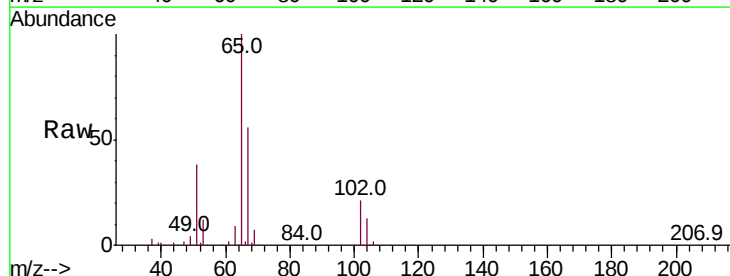
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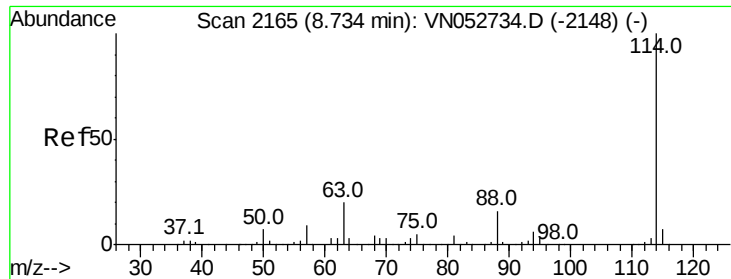
Tot Ion: 83 Resp: 22097
Ion Ratio Lower Upper
83 100
85 65.0 51.7 77.5



#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052886.D
Acq: 14 Dec 2018 13:57

Tgt Ion: 65 Resp: 321485
Ion Ratio Lower Upper
65 100
67 54.8 44.6 66.8

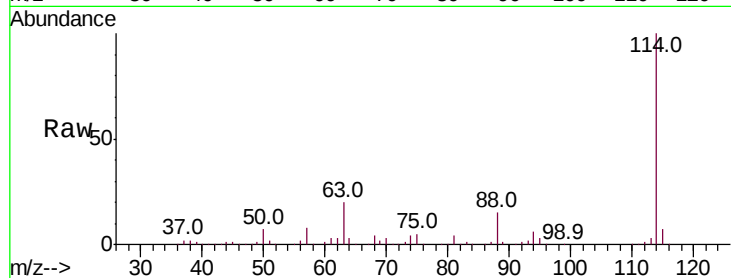




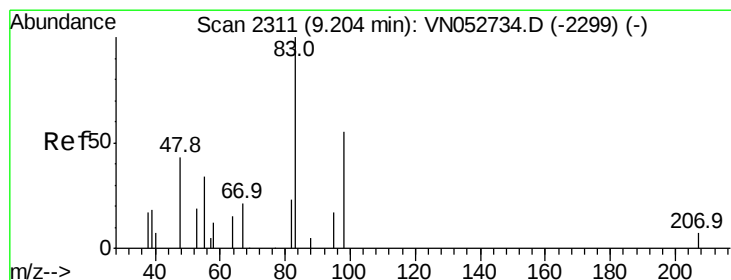
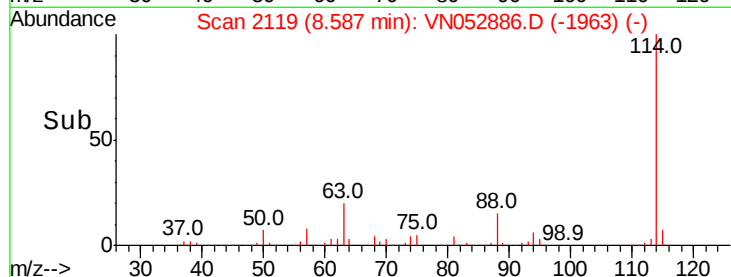
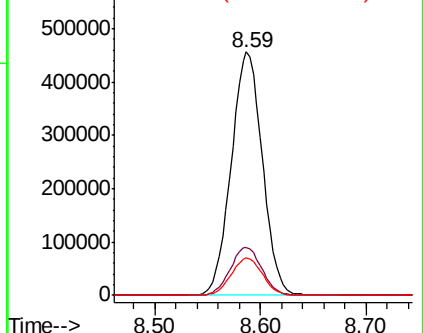
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052886.D
 Acq: 14 Dec 2018 13:57

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

Tot Ion:114 Resp: 934127
 Ion Ratio Lower Upper
 114 100
 63 19.9 16.9 25.3
 88 15.4 12.8 19.2

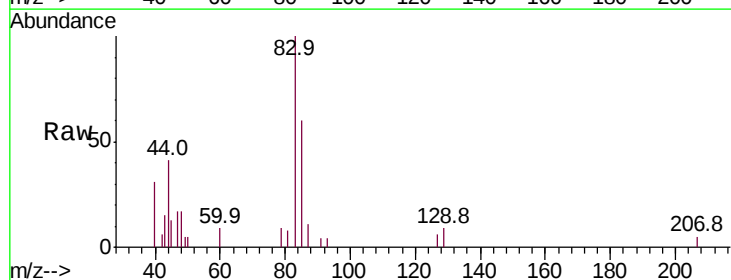


Abundance Ion 114.00 (113.70 to 114.70): VN052734.D (-2148) (-)
 Ion 63.00 (62.70 to 63.70): VN052734.D (-2148) (-)
 Ion 88.00 (87.70 to 88.70): VN052734.D (-2148) (-)

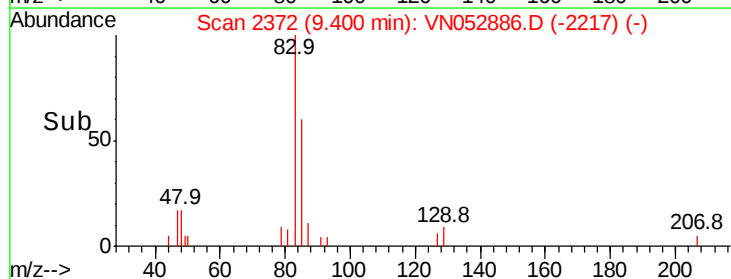
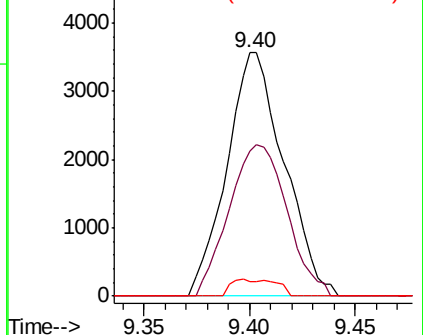


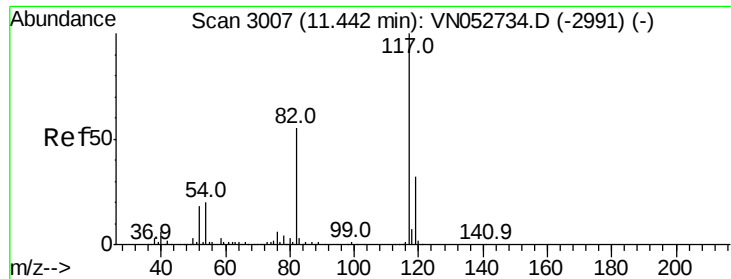
#41
 Bromodichloromethane
 Concen: 0.489 ug/l
 RT: 9.40 min Scan# 2372
 Delta R.T. -0.00 min
 Lab File: VN052886.D
 Acq: 14 Dec 2018 13:57

Tgt Ion: 83 Resp: 6713
 Ion Ratio Lower Upper
 83 100
 85 59.6 52.4 78.6
 127 6.0 6.6 9.8#



Abundance Ion 83.00 (82.70 to 83.70): VN052734.D (-2299) (-)
 Ion 85.00 (84.70 to 85.70): VN052734.D (-2299) (-)
 Ion 127.00 (126.70 to 127.70): VN052734.D (-2299) (-)

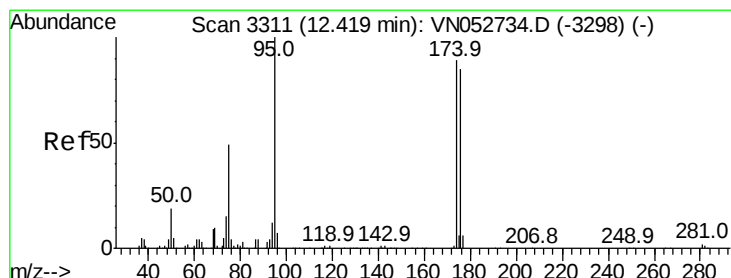
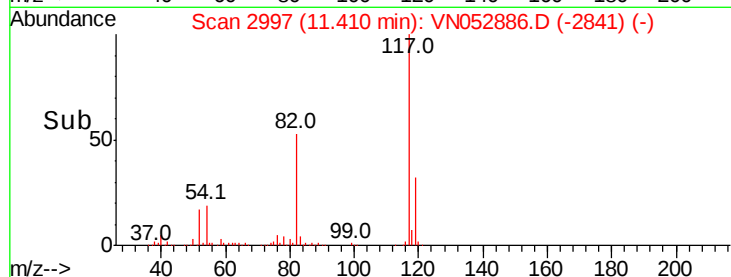
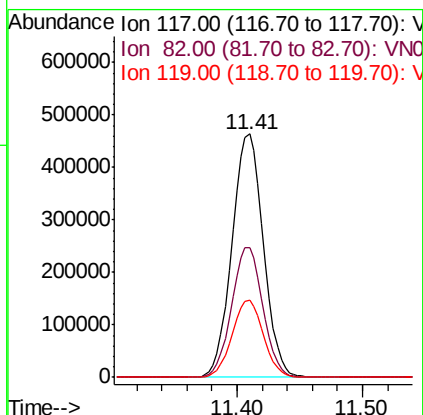
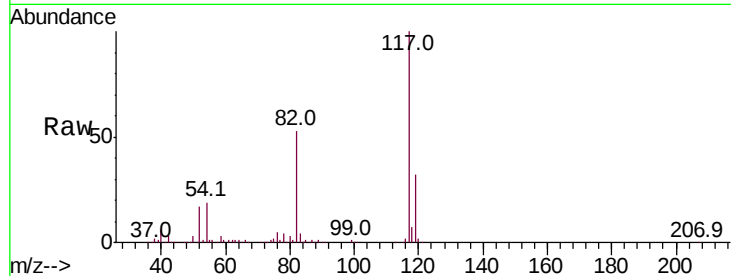




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052886.D
Acq: 14 Dec 2018 13:57

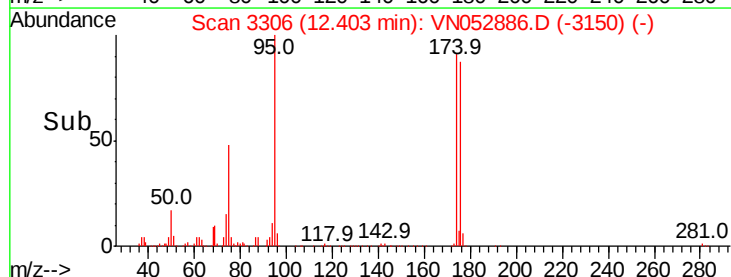
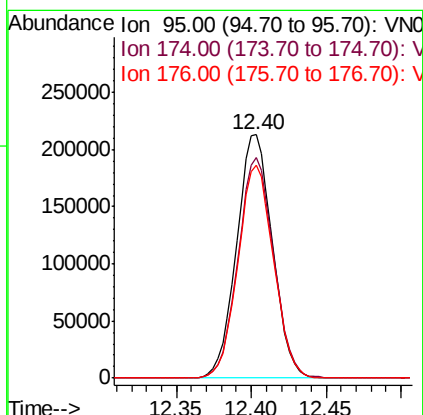
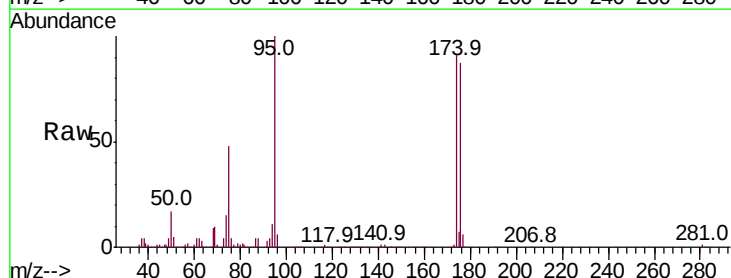
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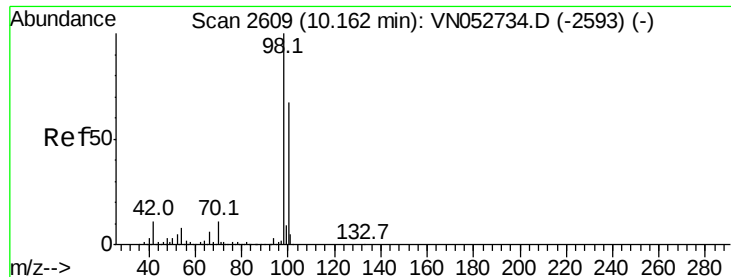
Tot Ion:117 Resp: 805646
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.2
119 31.8 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052886.D
Acq: 14 Dec 2018 13:57

Tgt Ion: 95 Resp: 355459
Ion Ratio Lower Upper
95 100
174 89.8 67.9 101.9
176 86.7 66.4 99.6





#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052886.D

Acq: 14 Dec 2018 13:57

Instrument :

MSVOA_N

ClientSampleId :

002-1212B-SEWER-OUTFALL-002

Tot Ion: 98 Resp: 1075667

Ion Ratio Lower Upper

98 100

100 64.3 51.1 76.7

