

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057207.D
 Acq On : 12 Aug 2019 11:23
 Operator : JC/SP
 Sample : K4221-02DL 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-002-SEWER-OUTLET-02DL

Quant Time: Aug 13 02:03:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sun Aug 11 03:53:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.59	128	168879	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.01	114	869103	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.91	117	667365	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.44	65	326682	29.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.93%
60) 4-Bromofluorobenzene	11.92	95	199146	20.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	66.80%
63) Toluene-d8	9.56	98	1009138	32.76	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	109.20%

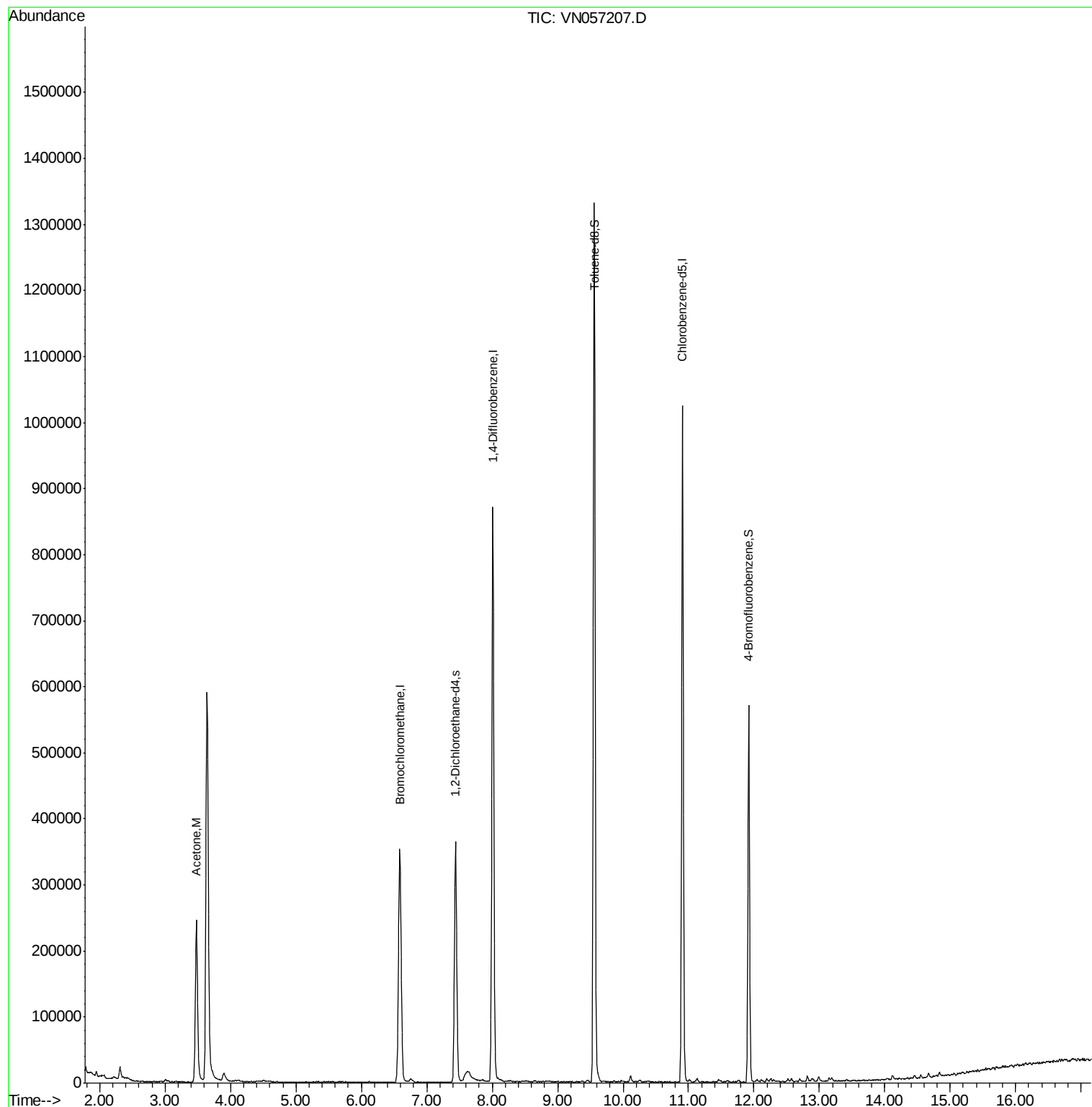
Target Compounds					Ovalue
15) Acetone	3.48	58	122717	87.888 ug/l	91

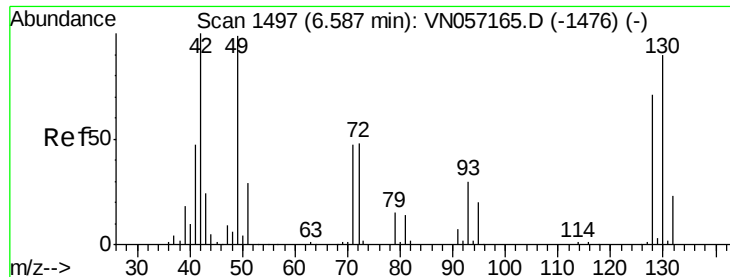
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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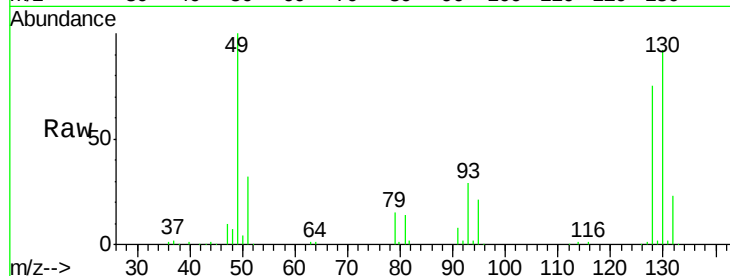




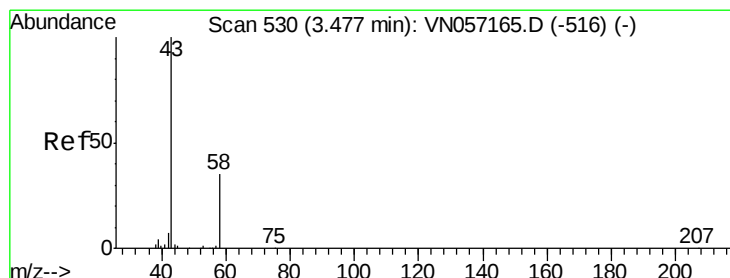
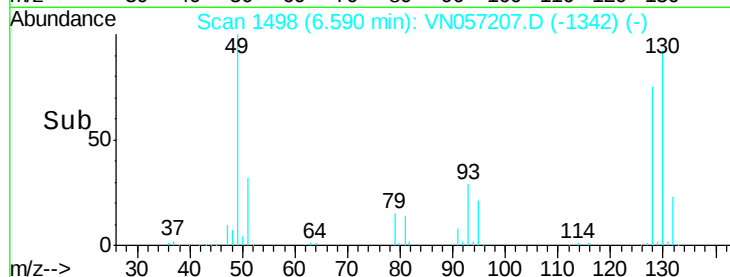
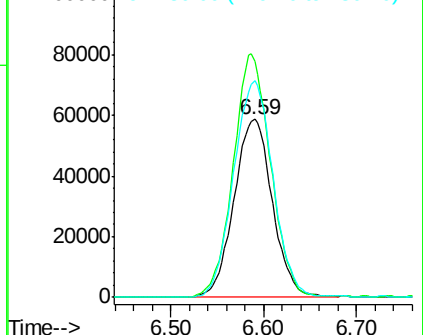
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 6.59 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: VN057207.D
 Acq: 12 Aug 2019 11:23

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-002-SEWER-OUTLET-02DL

Tot Ion:128 Resp: 168879
 Ion Ratio Lower Upper
 128 100
 49 133.2 0.0 361.0
 130 124.8 0.0 329.5

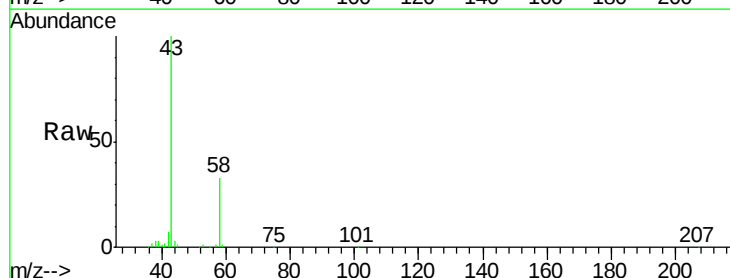


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

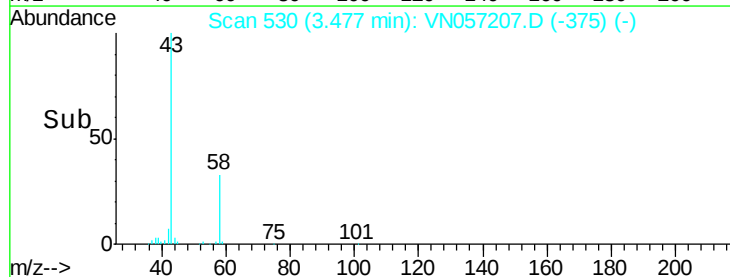
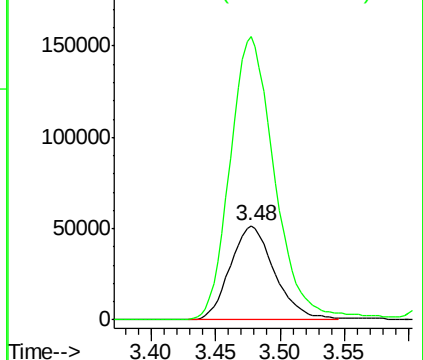


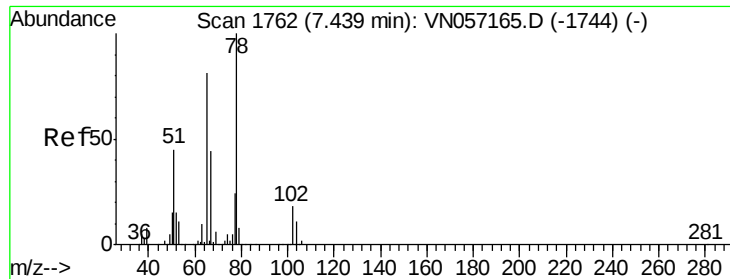
#15
 Acetone
 Concen: 87.888 ug/l
 RT: 3.48 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VN057207.D
 Acq: 12 Aug 2019 11:23

Tgt Ion: 58 Resp: 122717
 Ion Ratio Lower Upper
 58 100
 43 300.6 226.2 339.2



Abundance Ion 58.00 (57.70 to 58.70): VN
 Ion 43.00 (42.70 to 43.70): VN

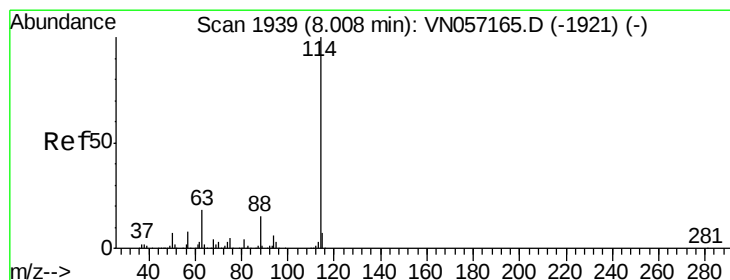
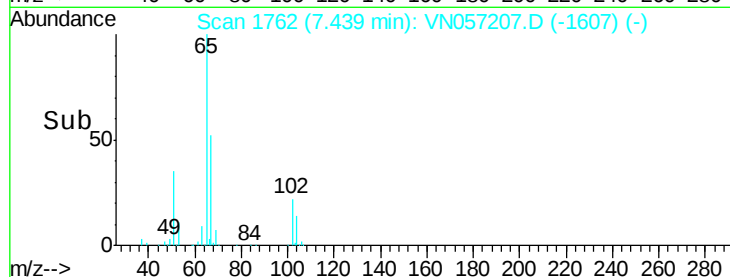
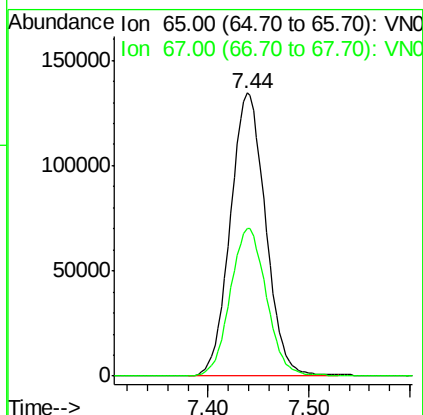
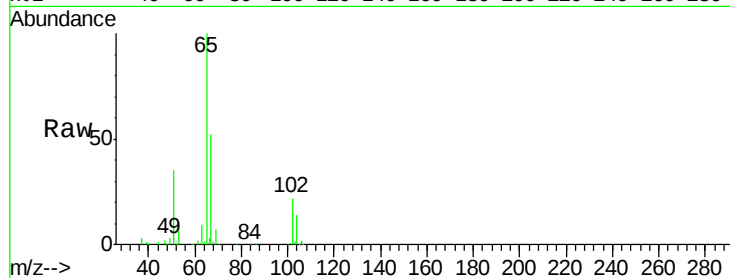




#27
 1,2-Dichloroethane-d4
 Concen: 29.676 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057207.D
 Acq: 12 Aug 2019 11:23

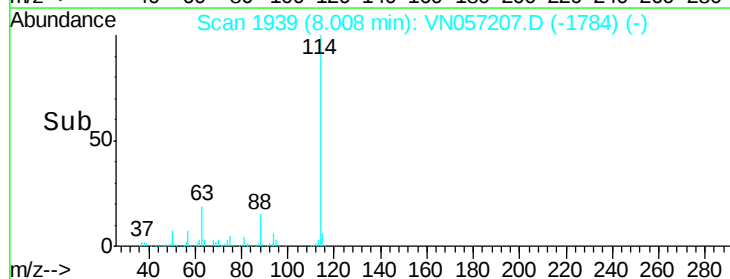
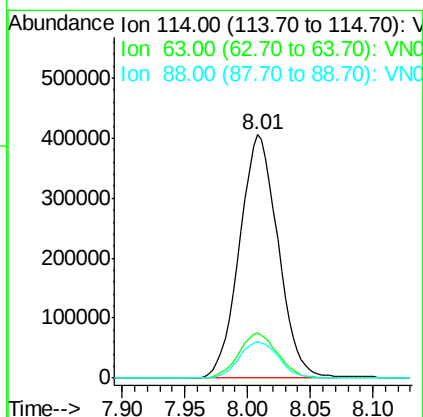
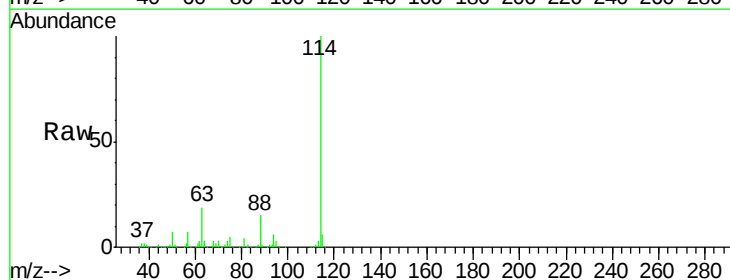
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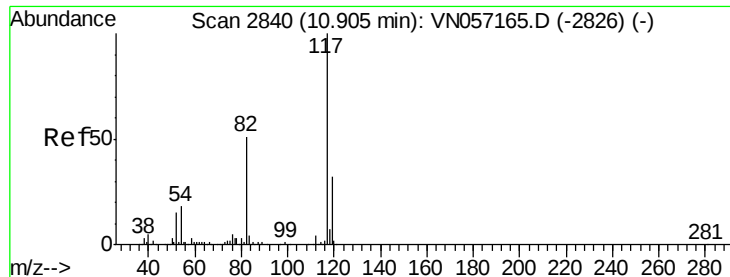
Tot Ion: 65 Resp: 326682
 Ion Ratio Lower Upper
 65 100
 67 53.4 42.4 63.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057207.D
 Acq: 12 Aug 2019 11:23

Tgt Ion: 114 Resp: 869103
 Ion Ratio Lower Upper
 114 100
 63 18.6 14.6 21.8
 88 15.2 12.2 18.2

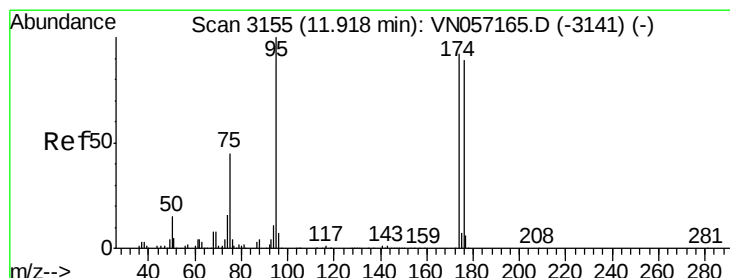
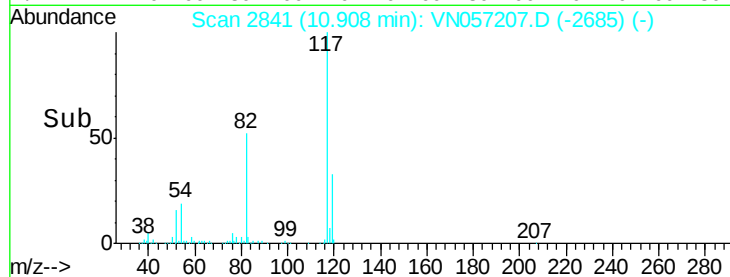
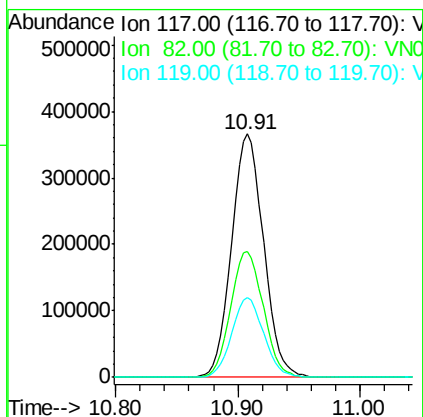
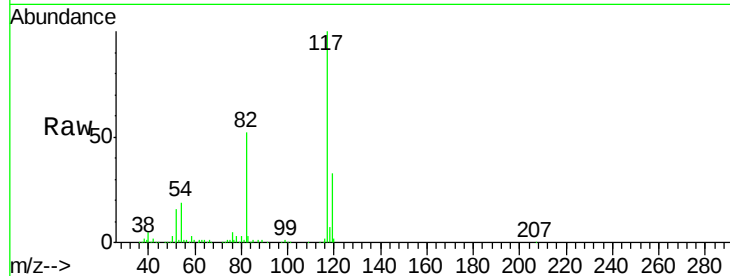




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057207.D
Acq: 12 Aug 2019 11:23

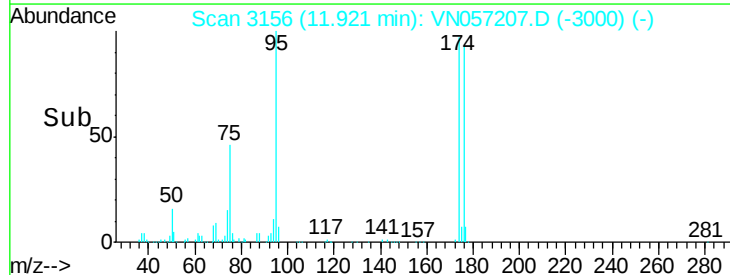
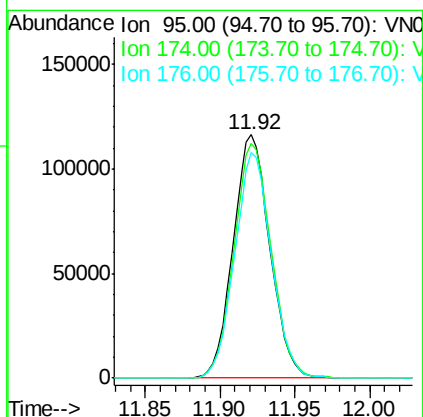
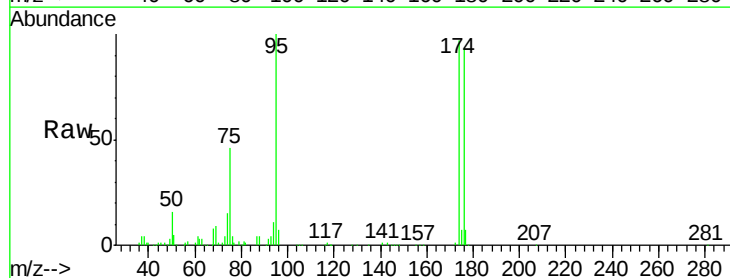
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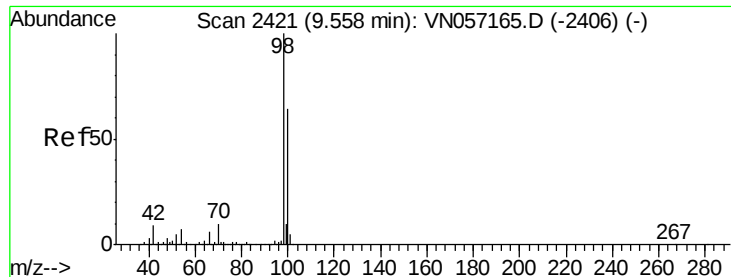
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.5	62.3
119	32.9	26.1	39.1



#60
4-Bromofluorobenzene
Concen: 20.041 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057207.D
Acq: 12 Aug 2019 11:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.7	74.9	112.3
176	92.8	72.1	108.1





#63
Toluene-d8
Concen: 32.757 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057207.D
Acq: 12 Aug 2019 11:23

Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-02DL

Tot Ion: 98 Resp: 1009138
Ion Ratio Lower Upper
98 100
100 63.9 52.4 78.6

