

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063041.D
 Acq On : 20 Aug 2020 17:12
 Operator : JC/MD
 Sample : L3741-02DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 21 06:28:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	34883	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	164116	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	152979	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	75340	30.48	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.60%
60) 4-Bromofluorobenzene	12.38	95	56195	23.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	77.50%
63) Toluene-d8	10.06	98	207232	29.52	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.40%

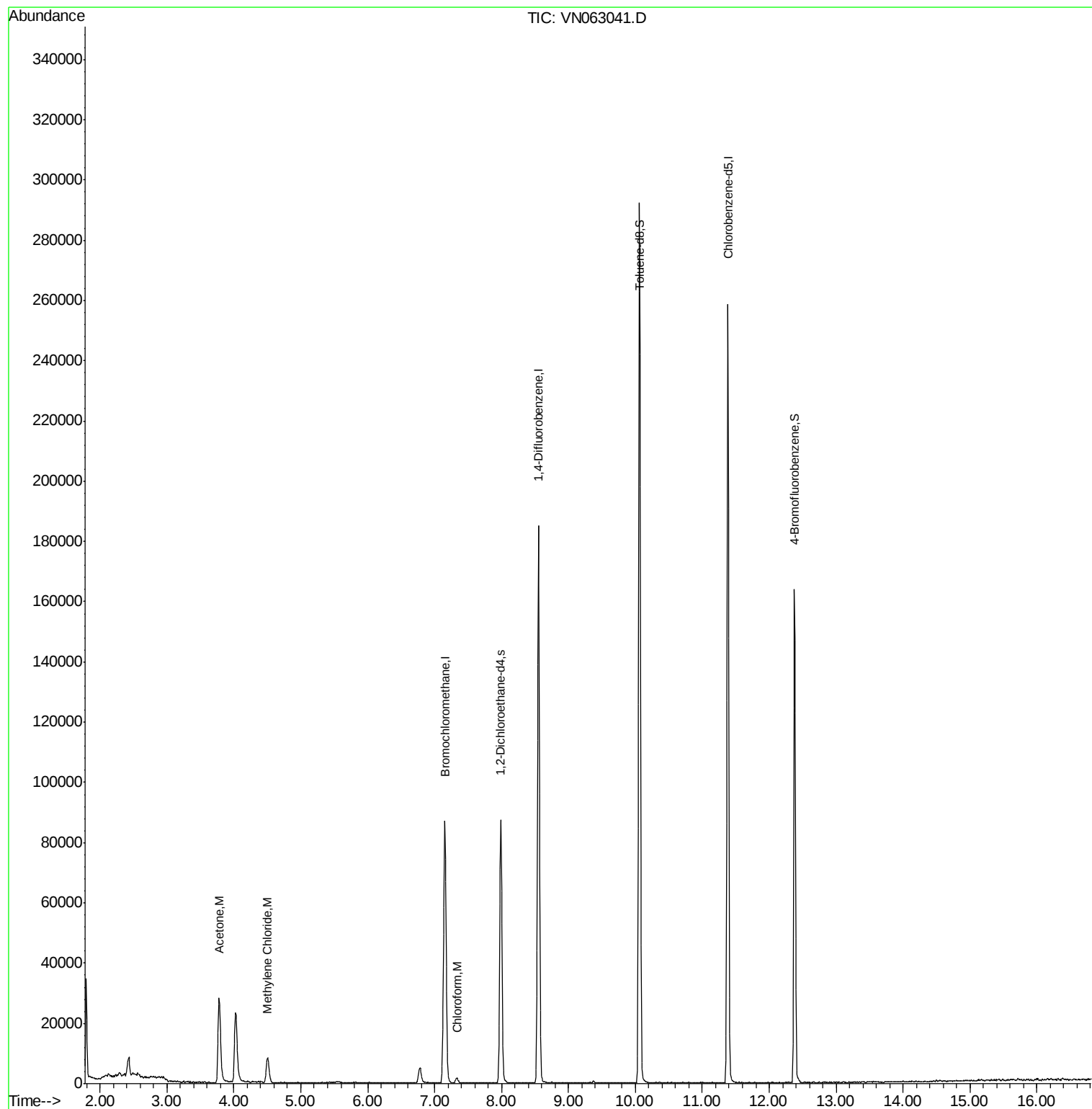
Target Compounds					Ovalue
15) Acetone	3.78	58	16117	58.613 ug/l	98
18) Methylene Chloride	4.51	84	6774	2.974 ug/l	96
25) Chloroform	7.33	83	2264	0.592 ug/l	85

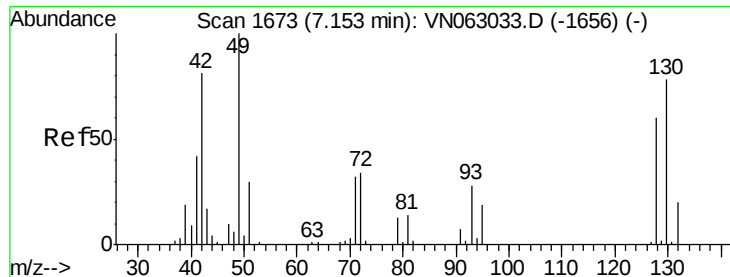
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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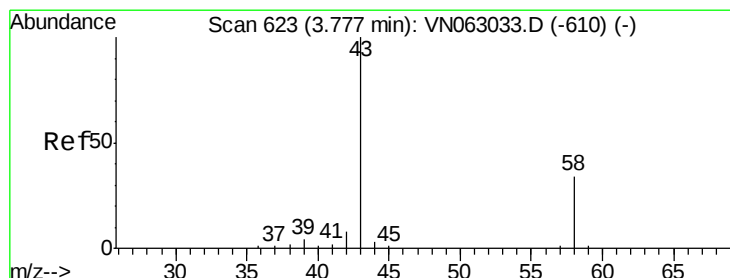
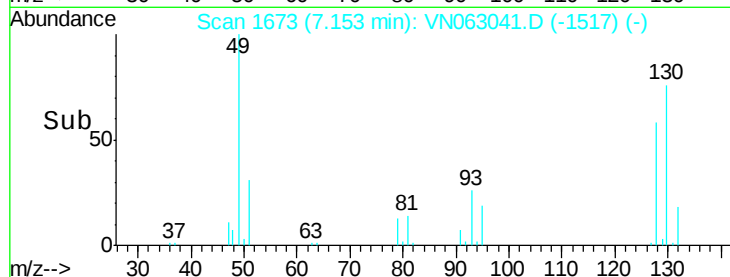
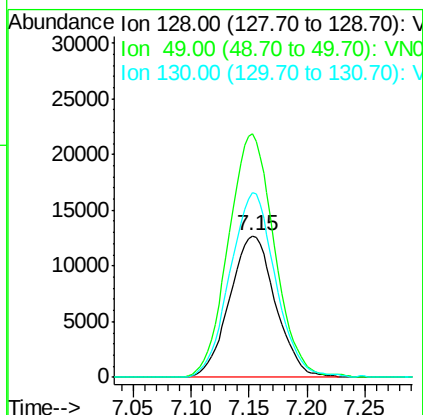
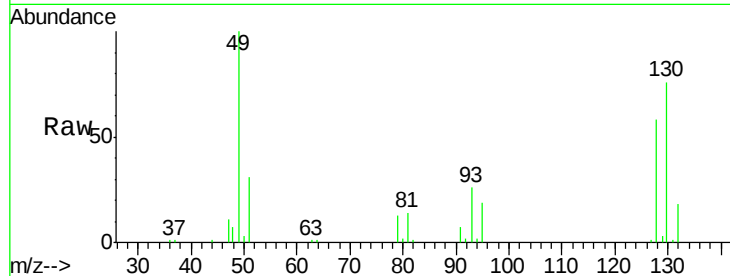




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN063041.D
Acq: 20 Aug 2020 17:12

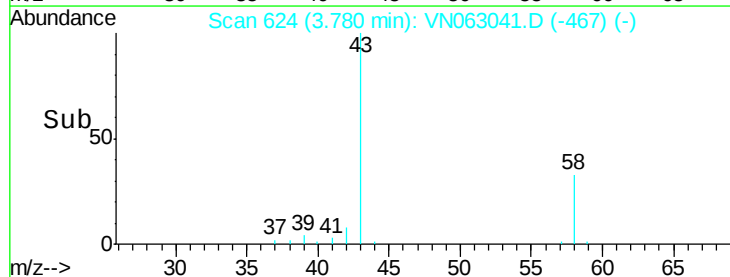
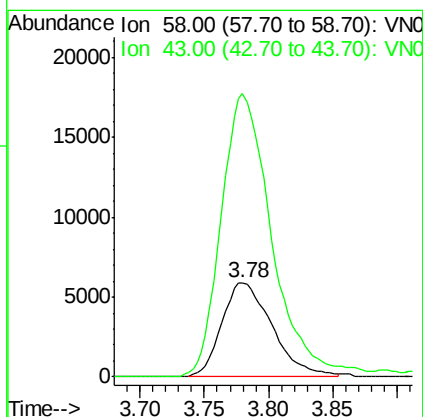
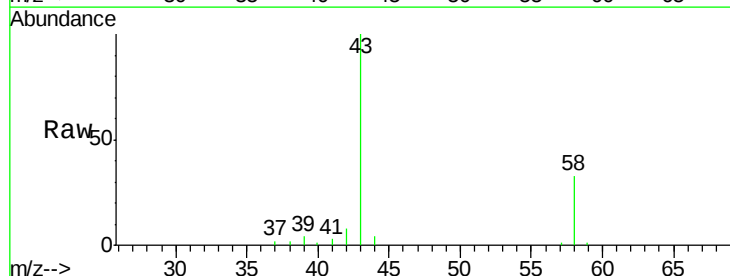
Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002DL

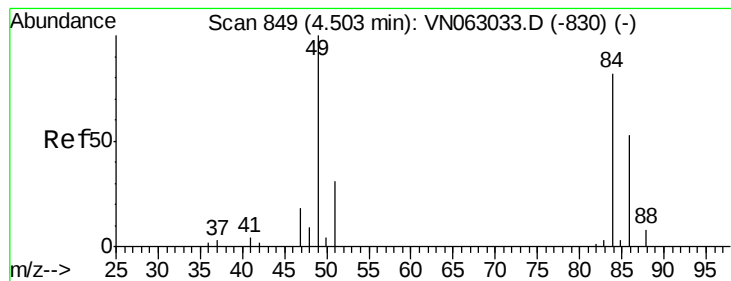
Tot Ion:128 Resp: 34883
Ion Ratio Lower Upper
128 100
49 172.2 0.0 437.5
130 129.9 0.0 327.3



#15
Acetone
Concen: 58.613 ug/l
RT: 3.78 min Scan# 624
Delta R.T. 0.00 min
Lab File: VN063041.D
Acq: 20 Aug 2020 17:12

Tgt Ion: 58 Resp: 16117
Ion Ratio Lower Upper
58 100
43 294.8 233.2 349.8





#18

Methvlene Chloride

Concen: 2.974 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN063041.D

Acq: 20 Aug 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

DSN-002-SEWER-OUTLET-002DL

Tot Ion: 84 Resp: 6774

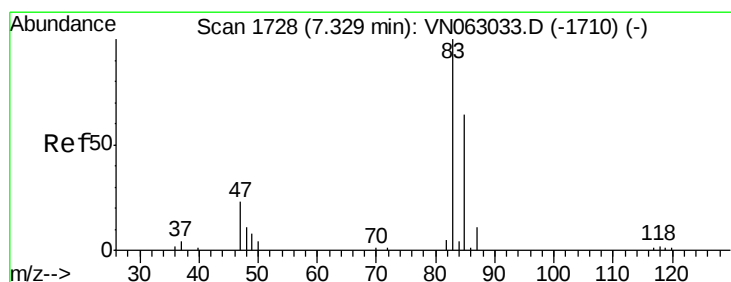
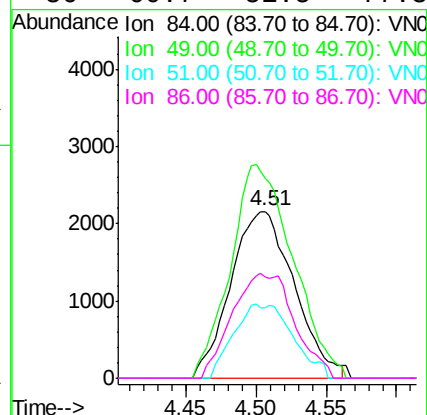
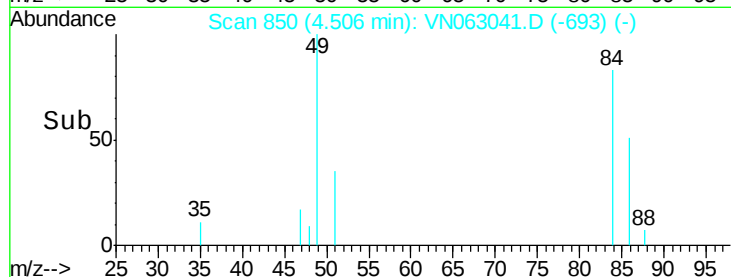
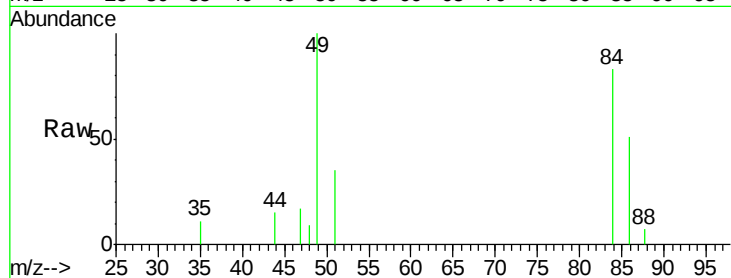
Ion Ratio Lower Upper

84 100

49 119.9 97.8 146.8

51 42.4 30.7 46.1

86 60.7 51.5 77.3



#25

Chloroform

Concen: 0.592 ug/l

RT: 7.33 min Scan# 1729

Delta R.T. 0.00 min

Lab File: VN063041.D

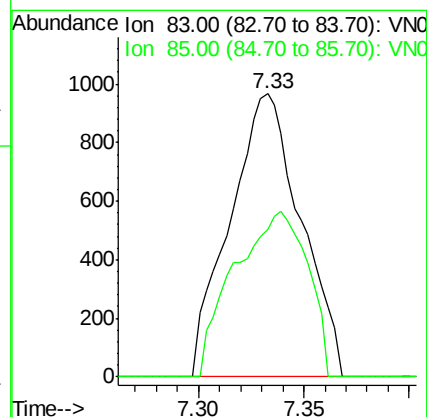
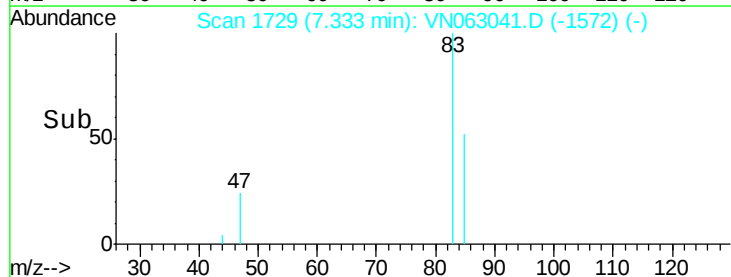
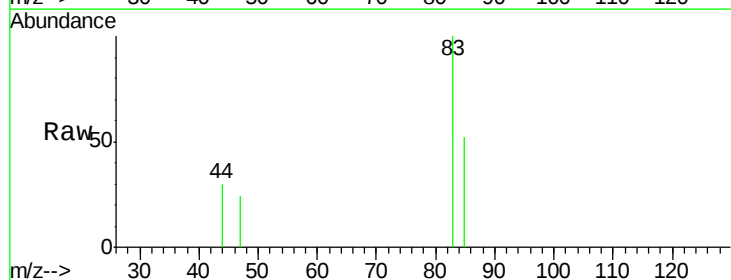
Acq: 20 Aug 2020 17:12

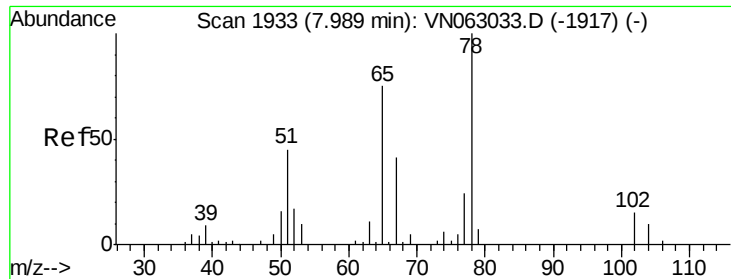
Tgt Ion: 83 Resp: 2264

Ion Ratio Lower Upper

83 100

85 52.3 51.0 76.4





#27

1,2-Dichloroethane-d4

Concen: 30.483 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN063041.D

Acq: 20 Aug 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

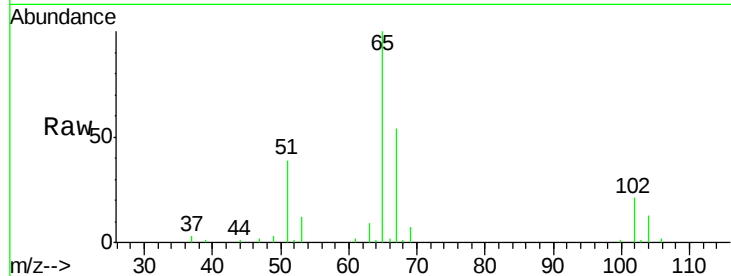
DSN-002-SEWER-OUTLET-002DL

Tot Ion: 65 Resp: 75340

Ion Ratio Lower Upper

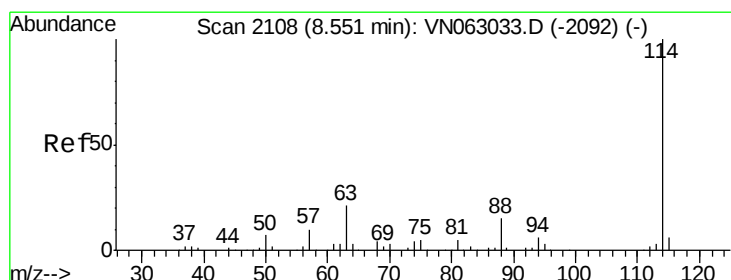
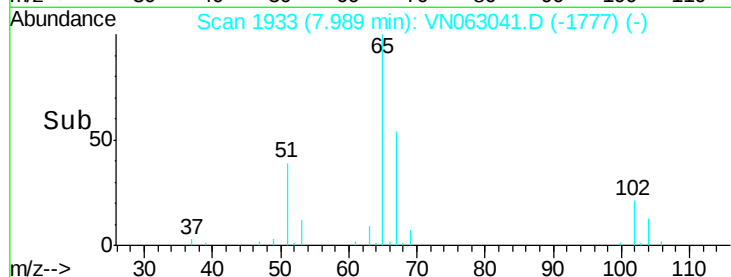
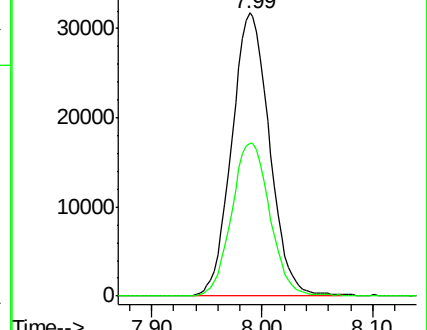
65 100

67 54.6 43.8 65.6



Abundance Ion 65.00 (64.70 to 65.70): VN063033.D (-1917) (-)

Ion 67.00 (66.70 to 67.70): VN063033.D (-1917) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN063041.D

Acq: 20 Aug 2020 17:12

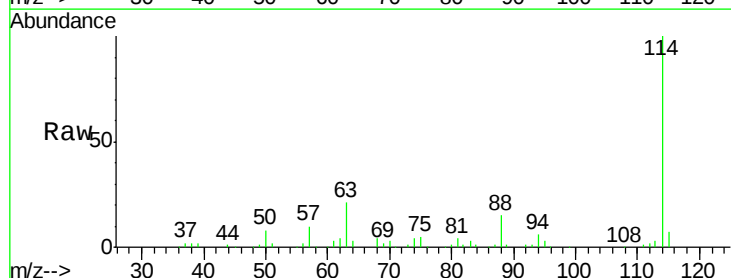
Tgt Ion: 114 Resp: 164116

Ion Ratio Lower Upper

114 100

63 21.3 17.0 25.6

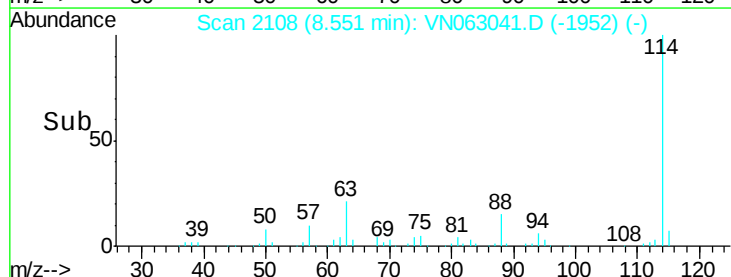
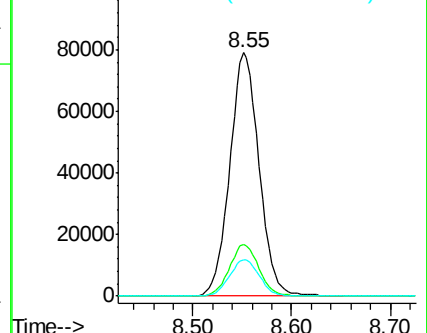
88 15.3 12.6 18.8

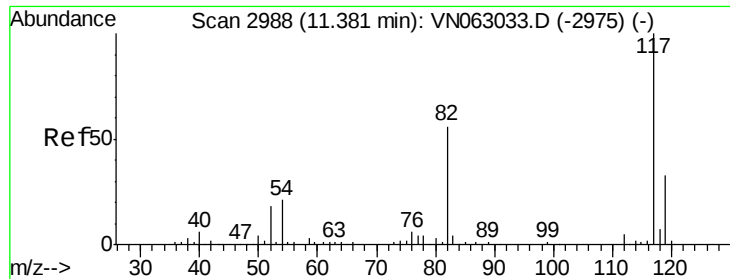


Abundance Ion 114.00 (113.70 to 114.70): VN063033.D (-2092) (-)

Ion 63.00 (62.70 to 63.70): VN063033.D (-2092) (-)

Ion 88.00 (87.70 to 88.70): VN063033.D (-2092) (-)

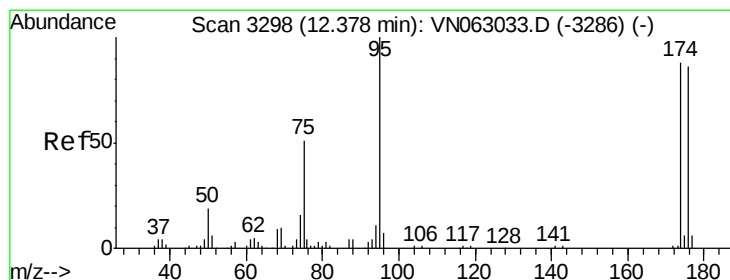
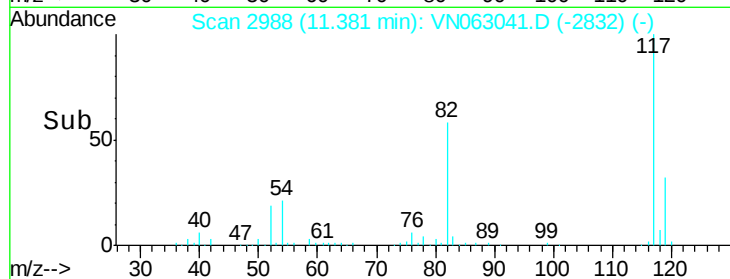
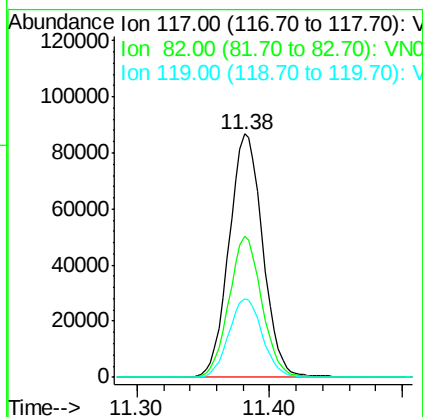
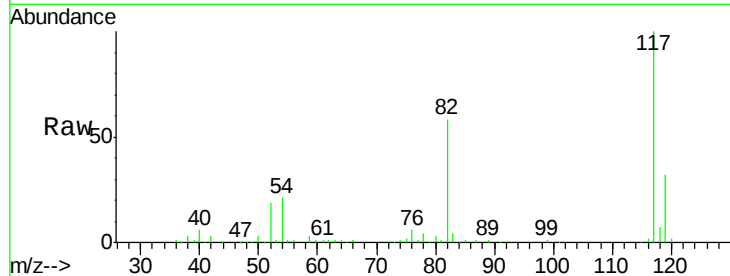




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063041.D
Acq: 20 Aug 2020 17:12

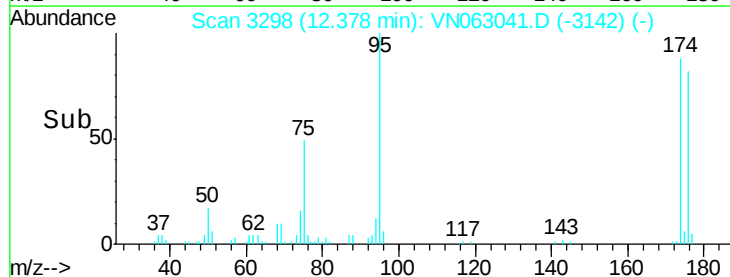
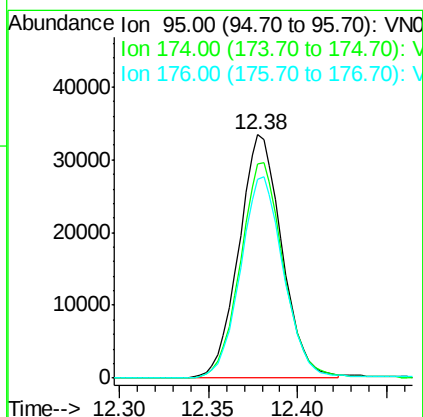
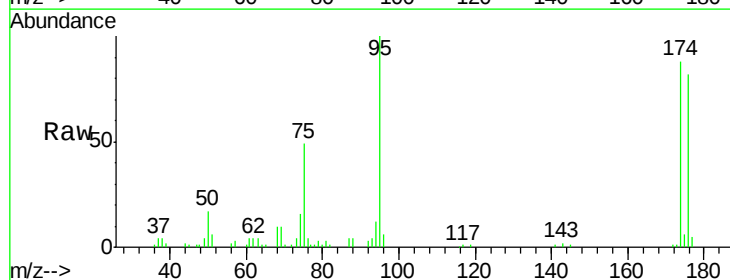
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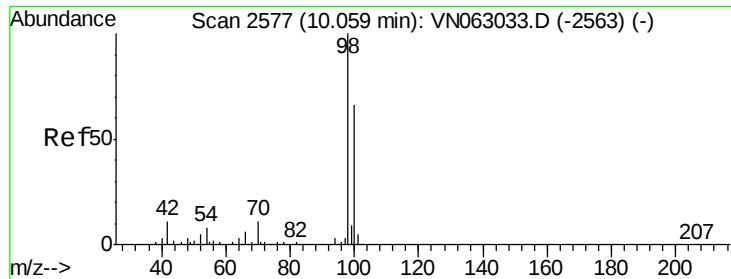
Tot Ion:117 Resp: 152979
Ion Ratio Lower Upper
117 100
82 56.8 44.9 67.3
119 32.1 26.0 39.0



#60
4-Bromofluorobenzene
Concen: 23.246 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN063041.D
Acq: 20 Aug 2020 17:12

Tgt Ion: 95 Resp: 56195
Ion Ratio Lower Upper
95 100
174 88.3 70.1 105.1
176 83.3 66.8 100.2





#63

Toluene-d8

Concen: 29.517 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN063041.D

Acq: 20 Aug 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

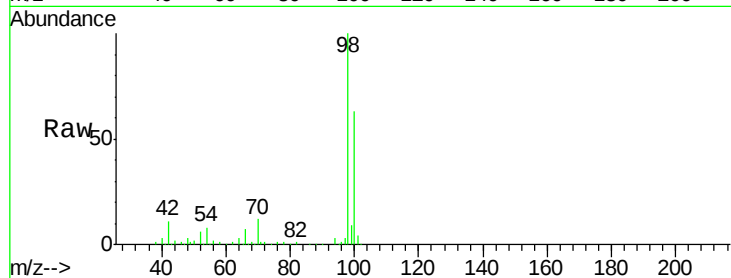
DSN-002-SEWER-OUTLET-002DL

Tot Ion: 98 Resp: 207232

Ion Ratio Lower Upper

98 100

100 62.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

