

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083019\
 Data File : VN057587.D
 Acq On : 30 Aug 2019 14:18
 Operator : JC/SP
 Sample : K4555-23
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-10-DEP

Quant Time: Aug 31 00:28:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N083019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Aug 31 00:00:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	77692	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	452189	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	345349	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	188963	31.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.23%
60) 4-Bromofluorobenzene	12.40	95	111789	21.29	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	70.97%
63) Toluene-d8	10.08	98	524481	32.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	109.30%

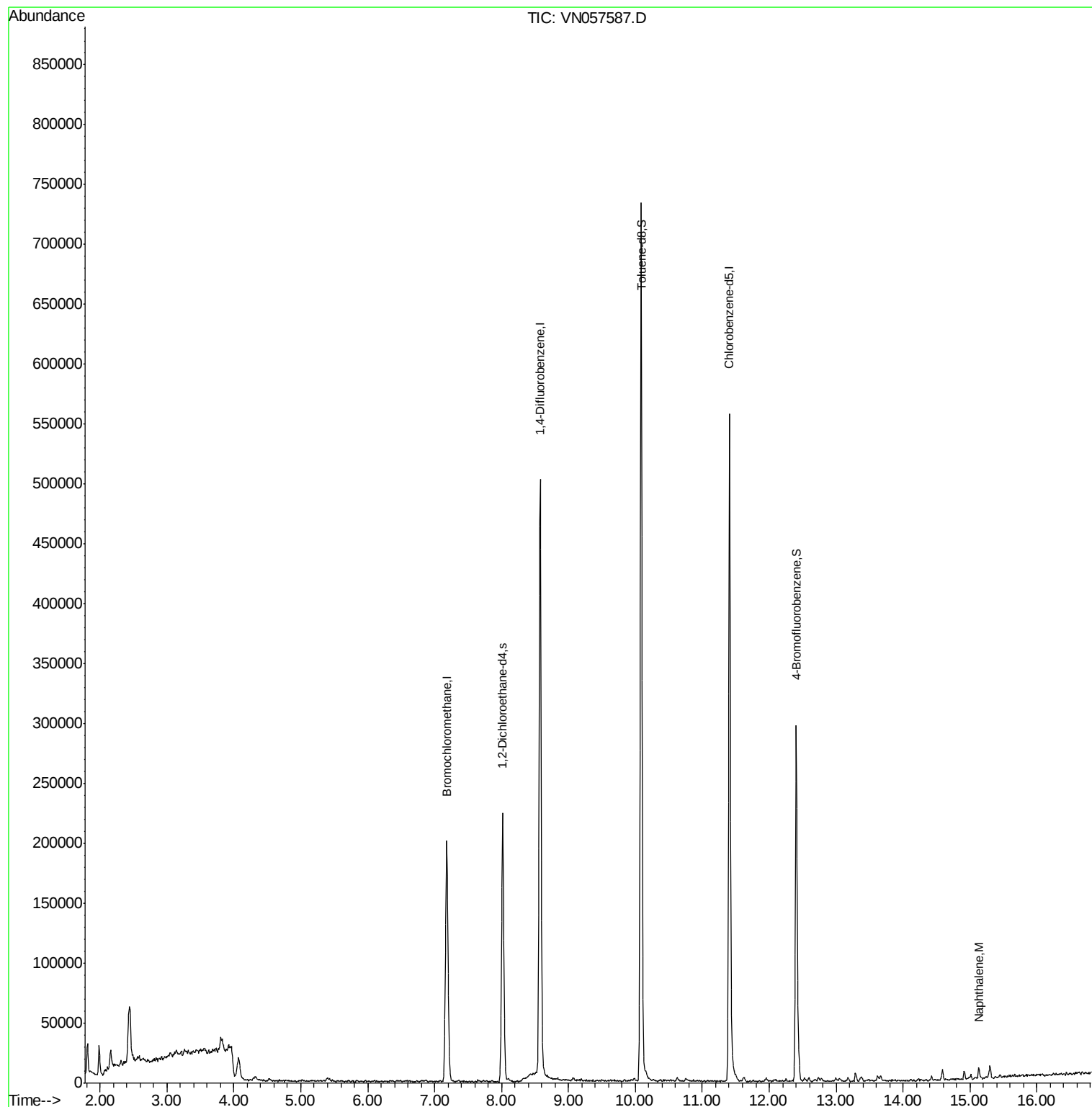
Target Compounds					Qvalue
91) Naphthalene	15.13	128	7586	0.980 ug/l #	93

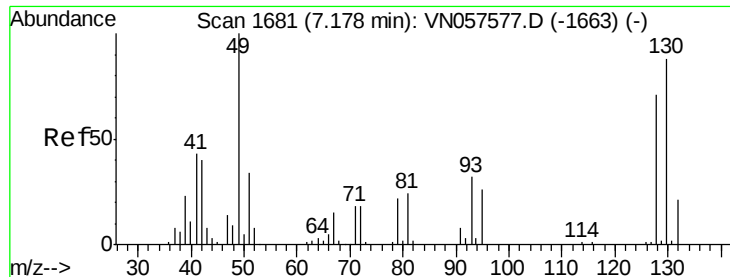
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN057587.D

Acq: 30 Aug 2019 14:18

Instrument :

MSVOA_N

ClientSampled :

TW-10-DEP

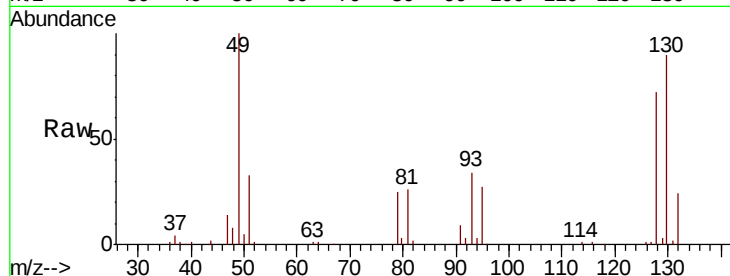
Tgt Ion:128 Resp: 77692

Ion Ratio Lower Upper

128 100

49 142.5 0.0 352.3

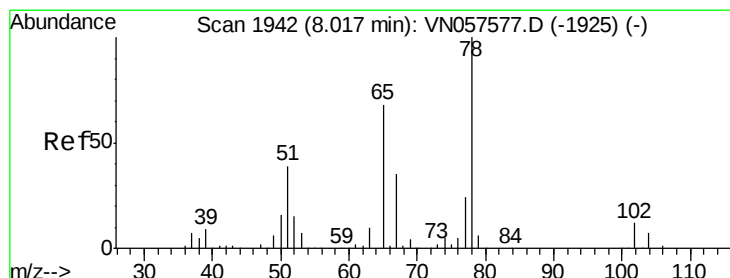
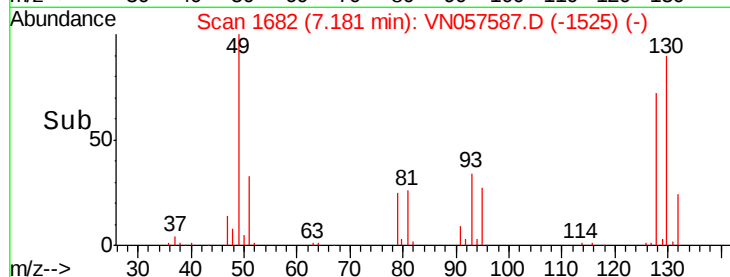
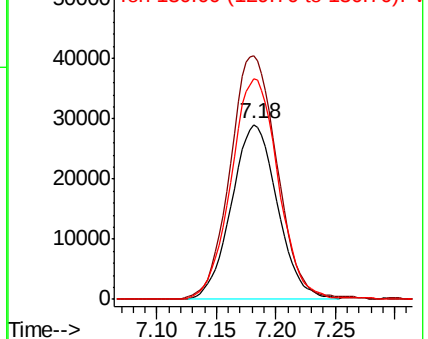
130 129.1 0.0 324.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 31.566 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057587.D

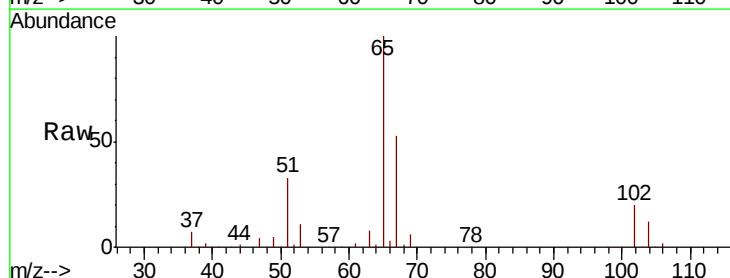
Acq: 30 Aug 2019 14:18

Tgt Ion: 65 Resp: 188963

Ion Ratio Lower Upper

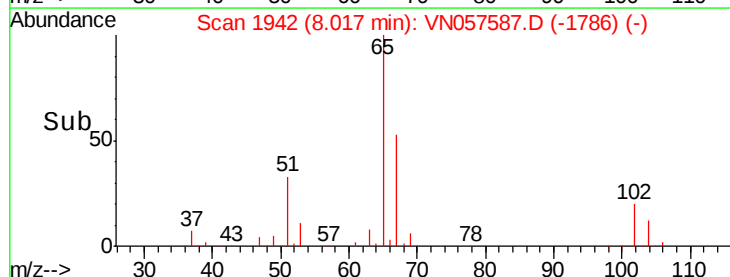
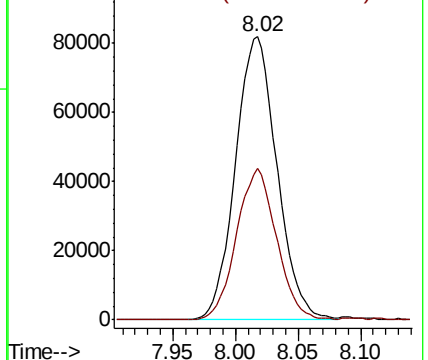
65 100

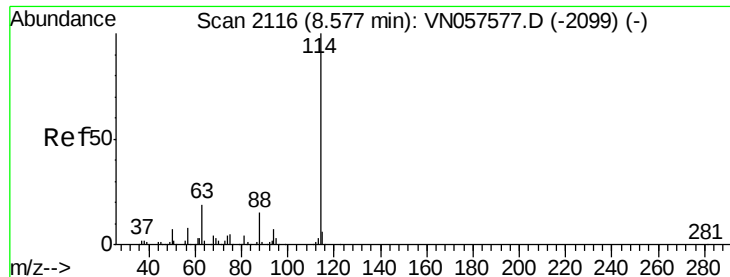
67 51.5 39.8 59.6



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

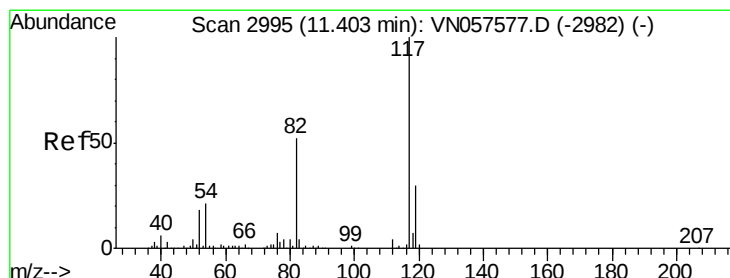
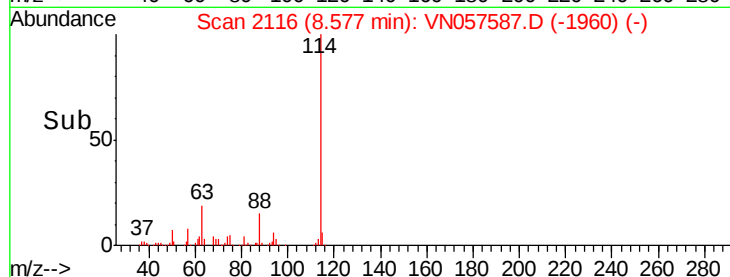
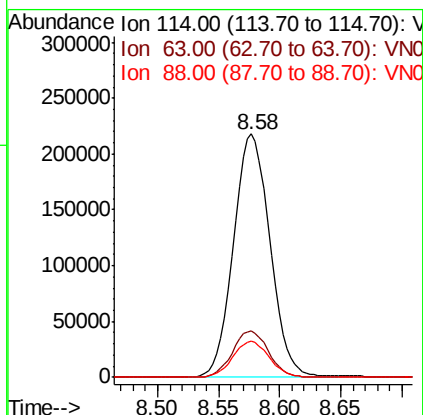
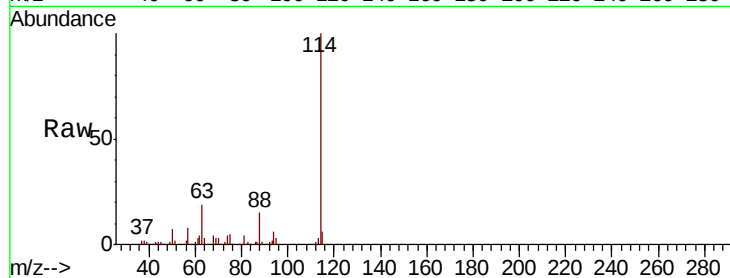




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057587.D
 Acq: 30 Aug 2019 14:18

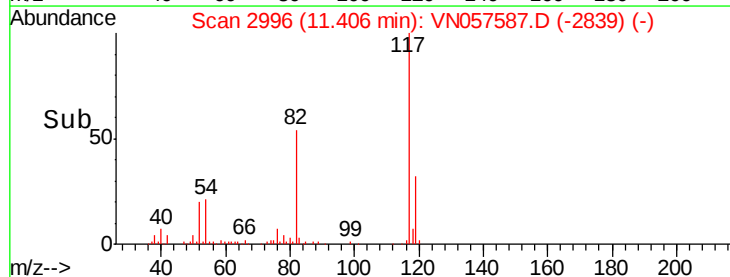
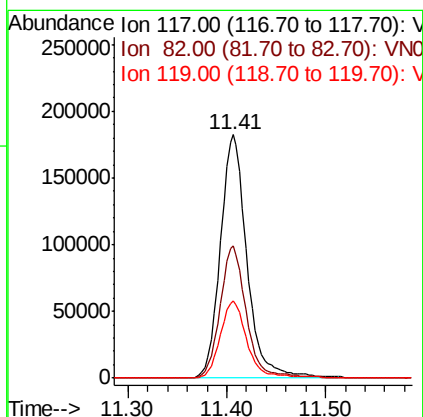
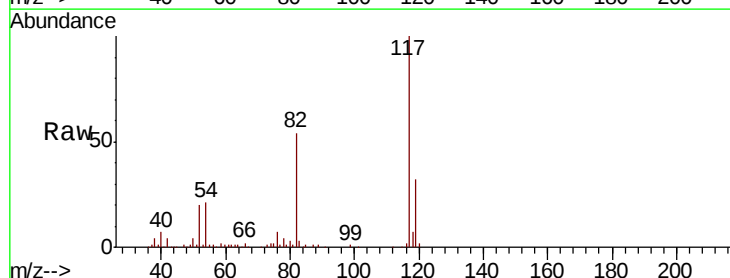
Instrument :
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 TW-10-DEP

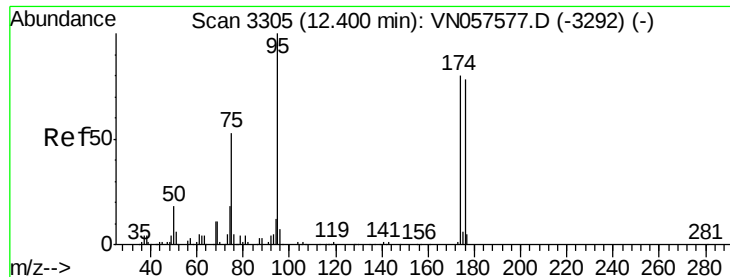
Tgt Ion:	114	Resp:	452189
Ion	Ratio	Lower	Upper
114	100		
63	19.1	15.4	23.0
88	15.0	11.8	17.8



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN057587.D
 Acq: 30 Aug 2019 14:18

Tgt Ion:	117	Resp:	345349
Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.6	63.8
119	31.6	25.0	37.6

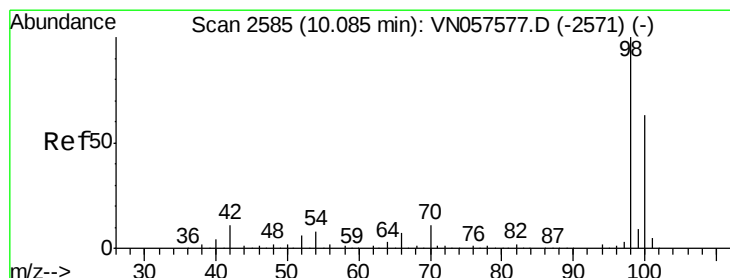
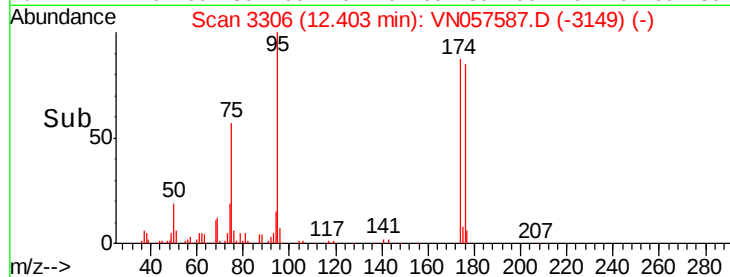
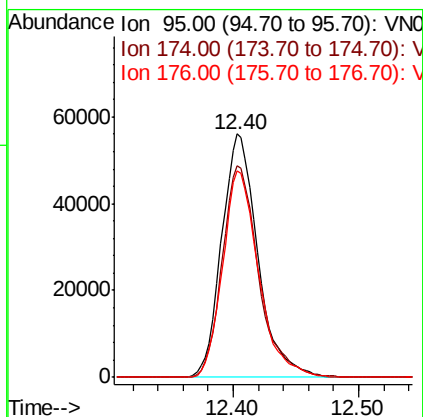
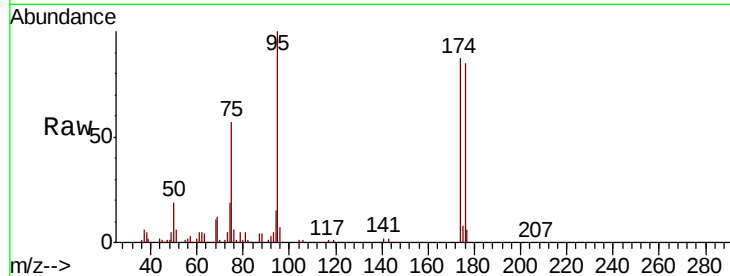




#60
4-Bromofluorobenzene
Concen: 21.292 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057587.D
Acq: 30 Aug 2019 14:18

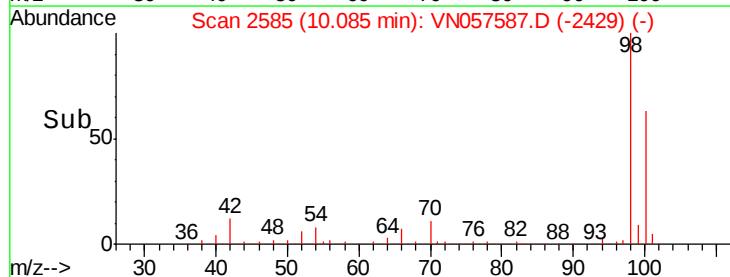
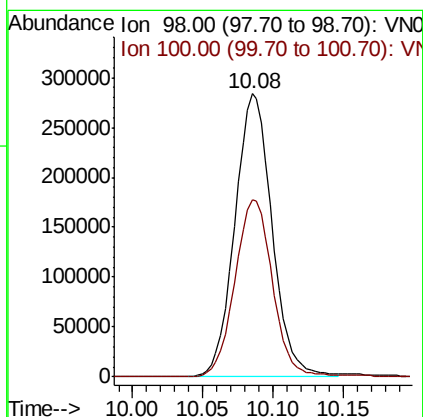
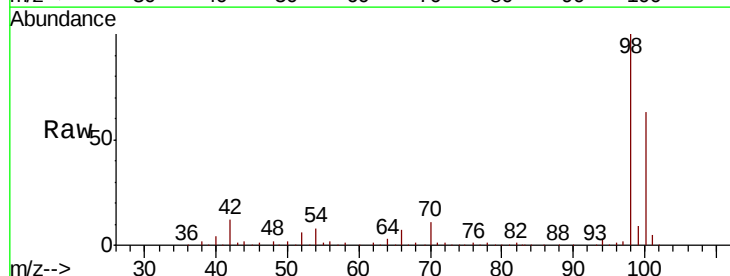
Instrument :
MSVOA_N
ClientSampleId :
TW-10-DEP

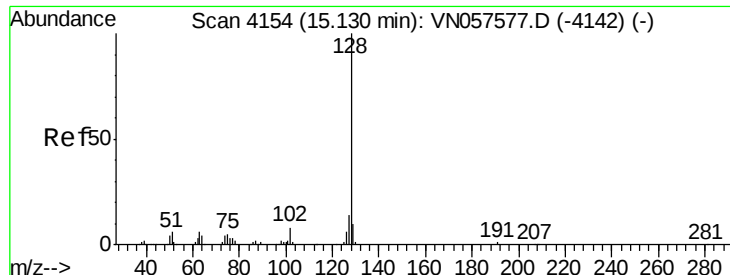
Tgt Ion: 95 Resp: 111789
Ion Ratio Lower Upper
95 100
174 87.3 66.2 99.2
176 84.8 65.0 97.6



#63
Toluene-d8
Concen: 32.794 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057587.D
Acq: 30 Aug 2019 14:18

Tgt Ion: 98 Resp: 524481
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2





#91

Naphthalene

Concen: 0.980 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057587.D

Acq: 30 Aug 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

TW-10-DEP

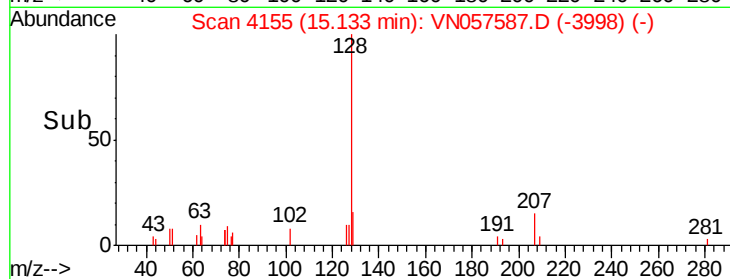
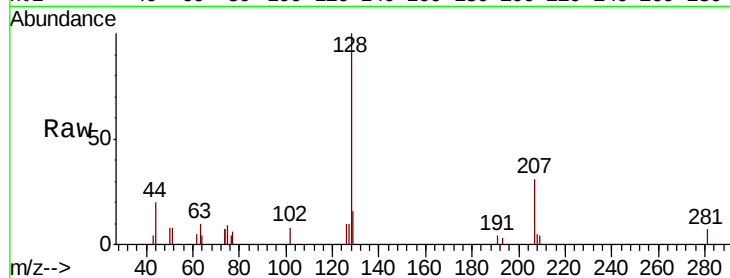
Tgt Ion:128 Resp: 7586

Ion Ratio Lower Upper

128 100

127 9.5 10.6 16.0#

129 11.1 8.1 12.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

