

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101119\
 Data File : VN058675.D
 Acq On : 10 Oct 2019 19:40
 Operator : JC/SP
 Sample : VN1011WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBL01

Quant Time: Oct 11 08:39:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	72904	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	399803	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	354482	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	190490	30.79	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.63%
60) 4-Bromofluorobenzene	12.41	95	166800	26.90	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.67%
63) Toluene-d8	10.08	98	496563	29.67	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.90%

Target Compounds

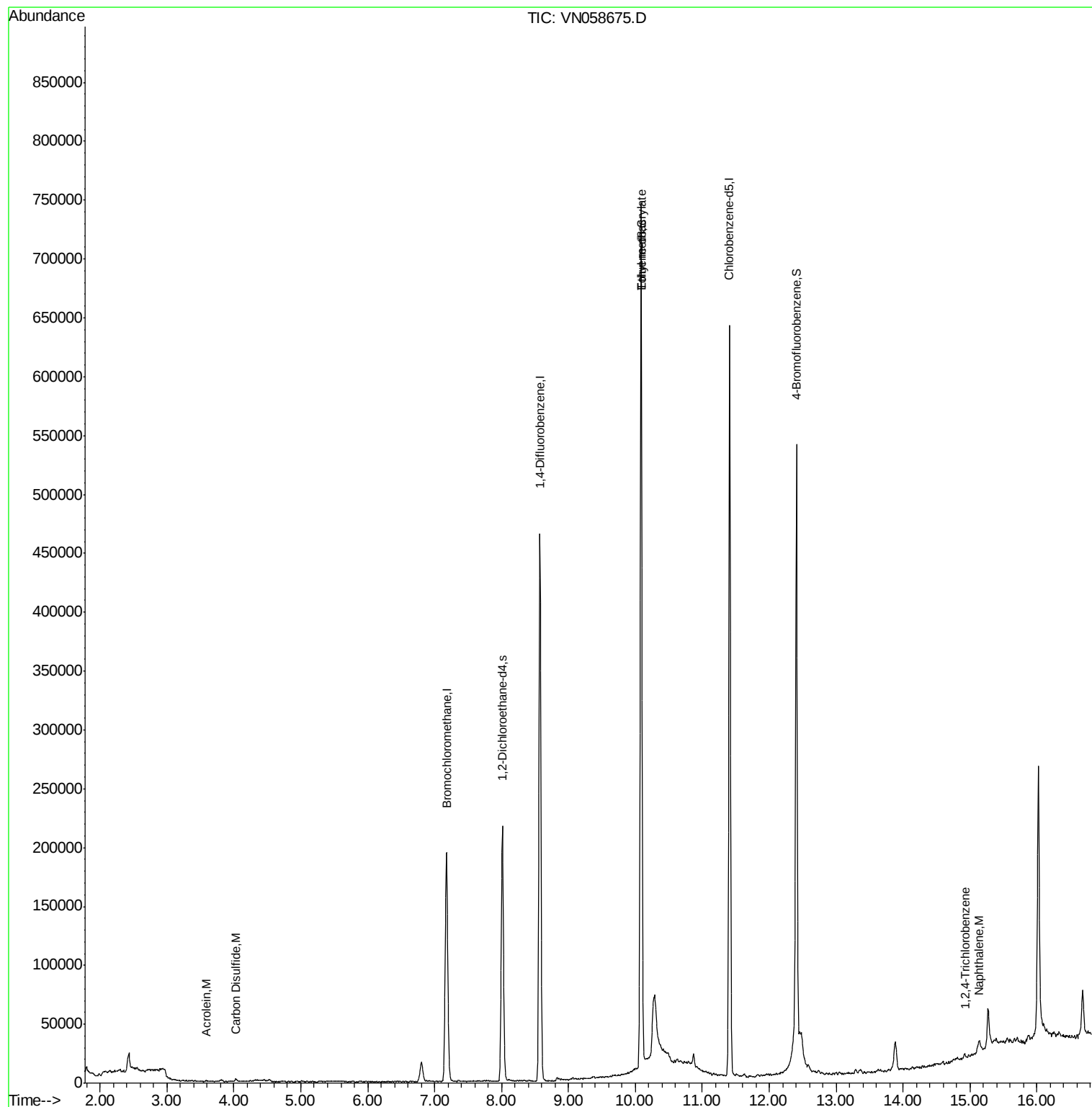
					Qvalue	
13) Acrolein	3.58	56	310	0.460	ug/l	# 41
16) Carbon Disulfide	4.03	76	3181	0.286	ug/l	# 91
51) Ethyl methacrylate	10.09	69	1711	0.234	ug/l	81
89) 1,2,4-Trichlorobenzene	14.92	180	1150	0.203	ug/l	84
91) Naphthalene	15.13	128	3675	0.220	ug/l	97

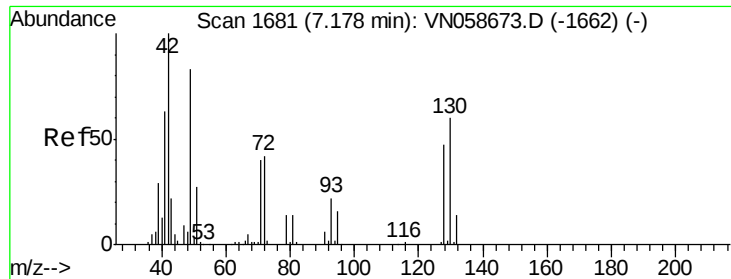
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN101119\
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QLast Update : Fri Oct 11 04:26:47 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN058675.D

Acq: 10 Oct 2019 19:40

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBL01

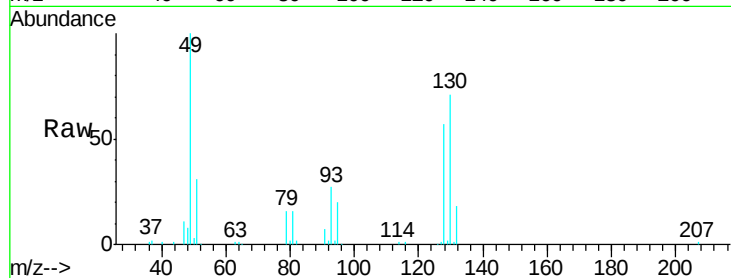
Tgt Ion:128 Resp: 72904

Ion Ratio Lower Upper

128 100

49 179.0 0.0 453.5

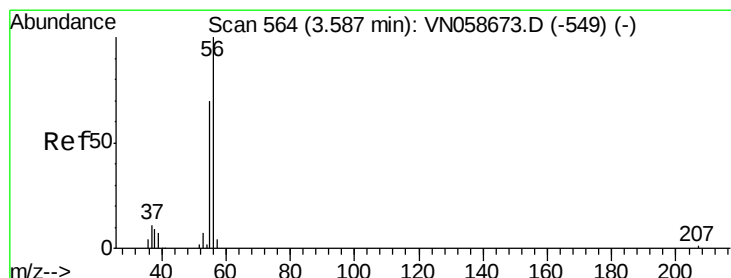
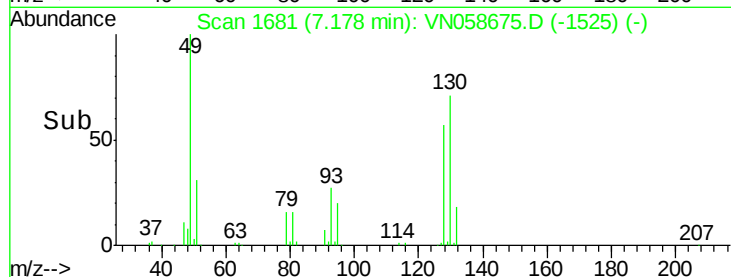
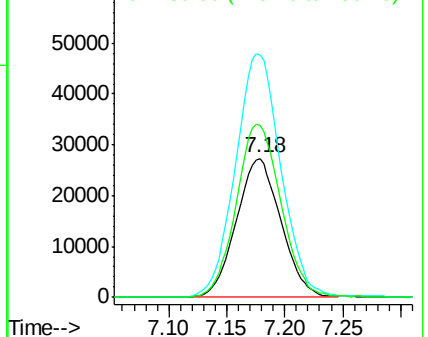
130 125.6 0.0 314.2



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



#13

Acrolein

Concen: 0.460 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VN058675.D

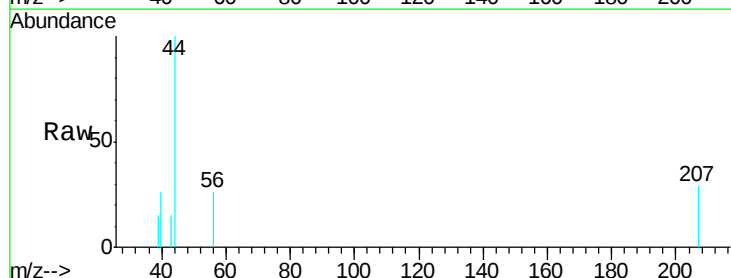
Acq: 10 Oct 2019 19:40

Tgt Ion: 56 Resp: 310

Ion Ratio Lower Upper

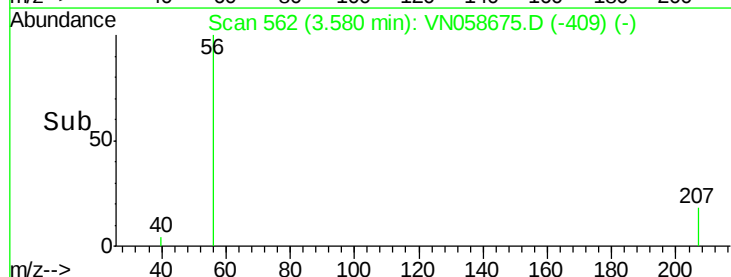
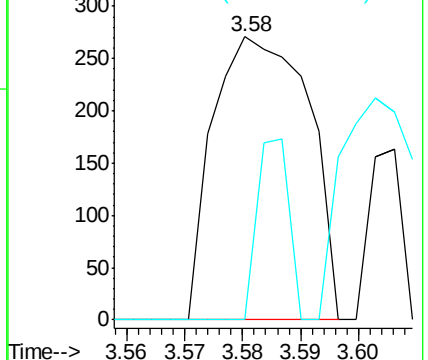
56 100

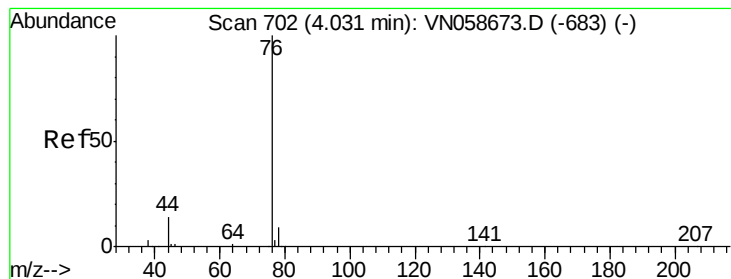
55 21.3 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Carbon Disulfide

Concen: 0.286 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN058675.D

Acq: 10 Oct 2019 19:40

Instrument :

MSVOA_N

ClientSampleId :

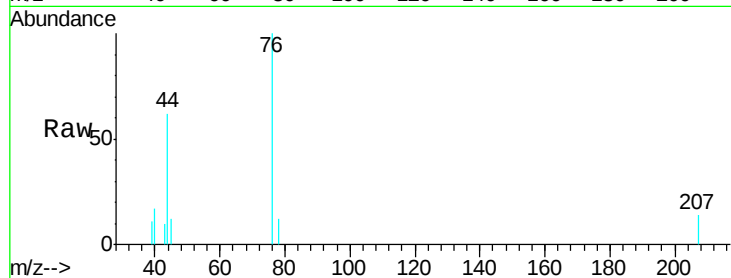
VN1011WBL01

Tgt Ion: 76 Resp: 3181

Ion Ratio Lower Upper

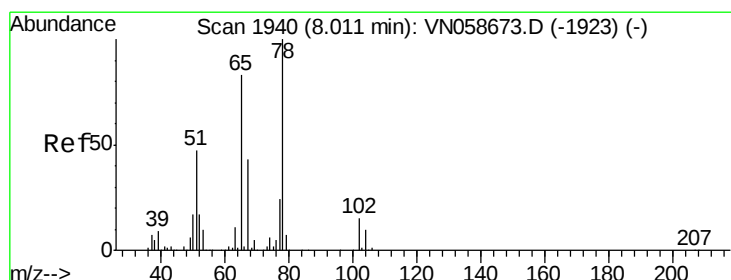
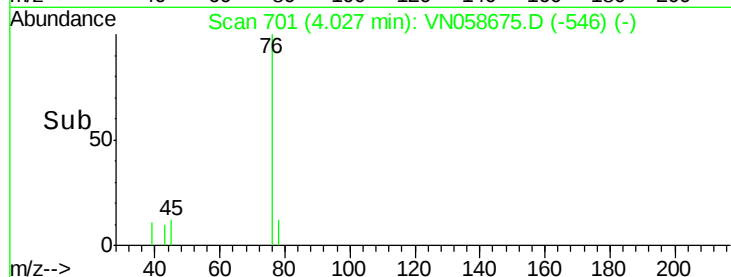
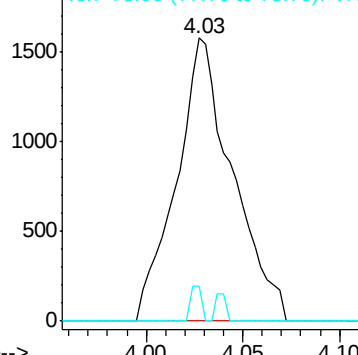
76 100

78 12.4 7.4 11.0#



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0



#27

1,2-Dichloroethane-d4

Concen: 30.786 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058675.D

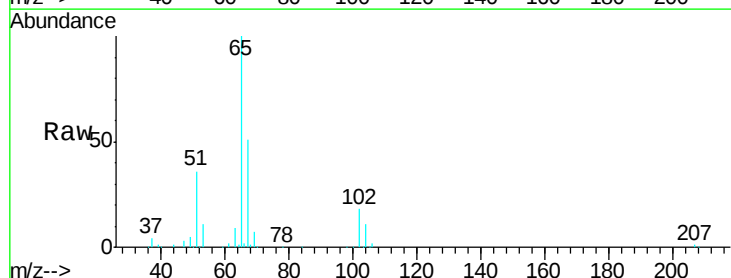
Acq: 10 Oct 2019 19:40

Tgt Ion: 65 Resp: 190490

Ion Ratio Lower Upper

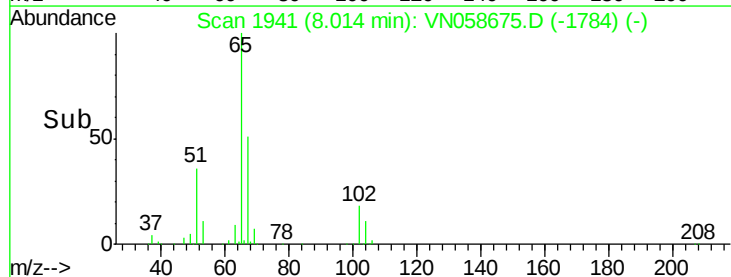
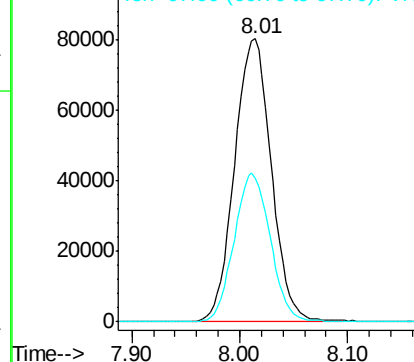
65 100

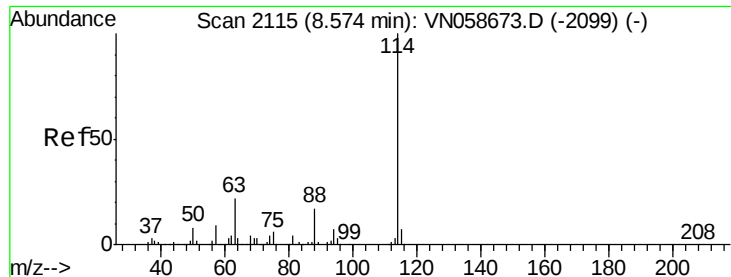
67 51.6 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

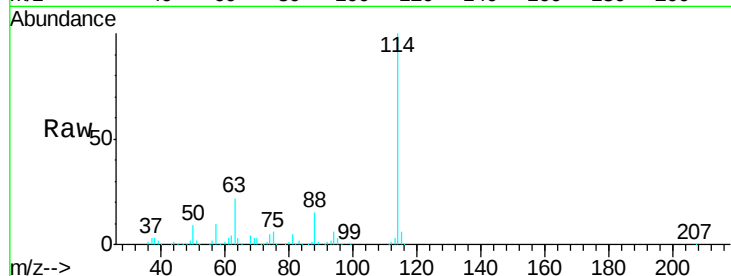




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058675.D
 Acq: 10 Oct 2019 19:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBL01

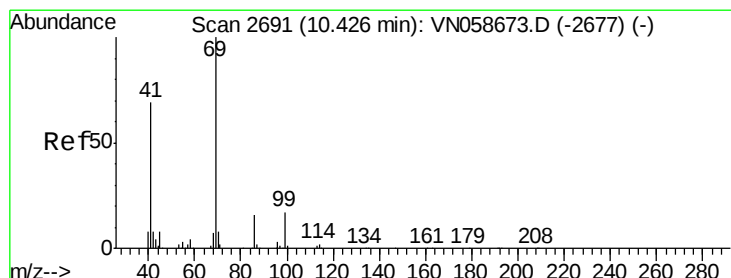
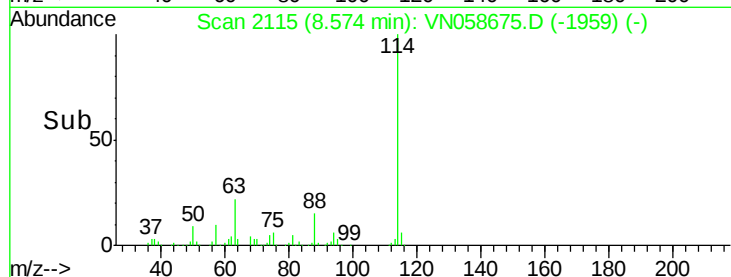
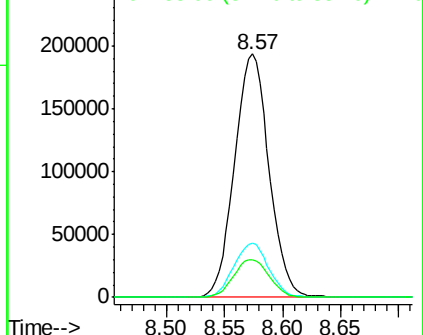
Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.7	18.1	27.1
88	16.1	13.0	19.4



Abundance Ion 114.00 (113.70 to 114.70): VN058675.D (-1959) (-)

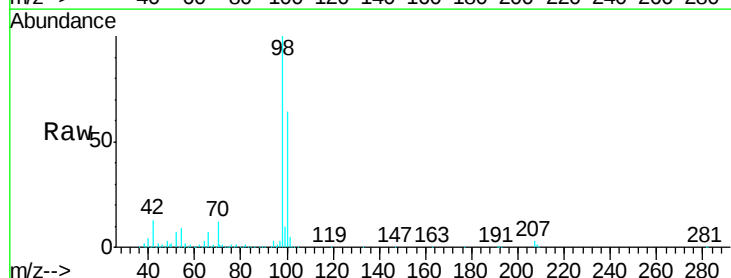
Ion 63.00 (62.70 to 63.70): VN058675.D (-1959) (-)

Ion 88.00 (87.70 to 88.70): VN058675.D (-1959) (-)



#51
 Ethyl methacrylate
 Concen: 0.234 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.33 min
 Lab File: VN058675.D
 Acq: 10 Oct 2019 19:40

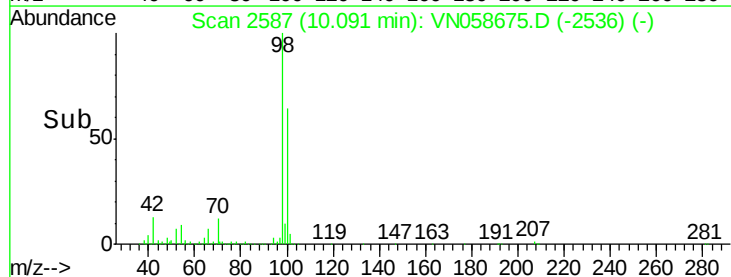
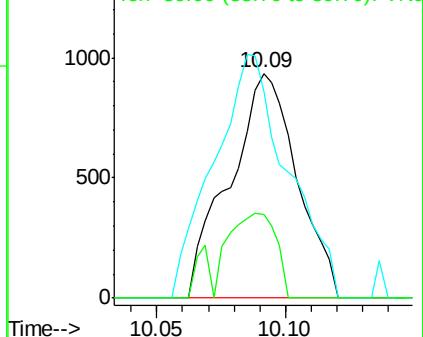
Tgt Ion	Ratio	Lower	Upper
69	100		
41	91.6	34.7	104.1
39	37.0	20.3	60.8

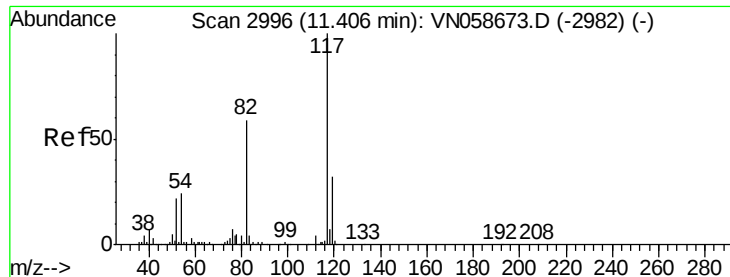


Abundance Ion 69.00 (68.70 to 69.70): VN058675.D (-2536) (-)

Ion 41.00 (40.70 to 41.70): VN058675.D (-2536) (-)

Ion 39.00 (38.70 to 39.70): VN058675.D (-2536) (-)

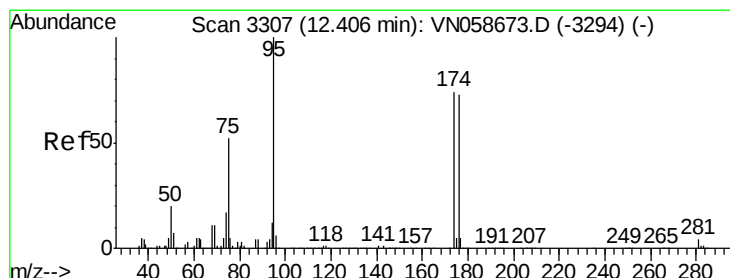
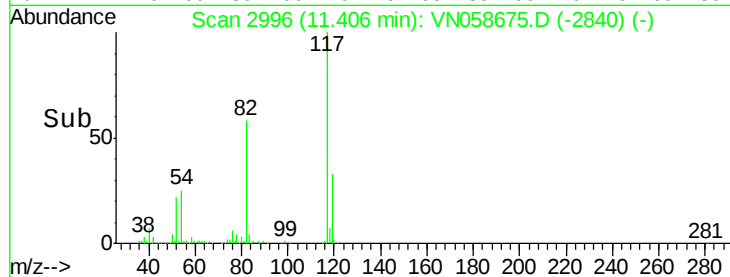
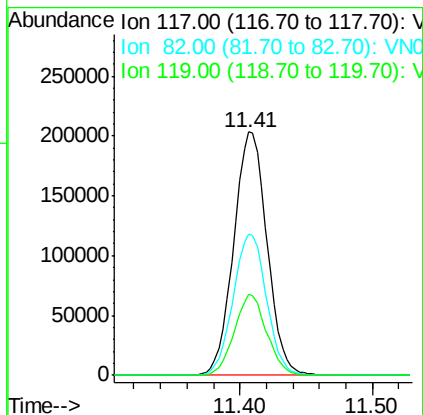
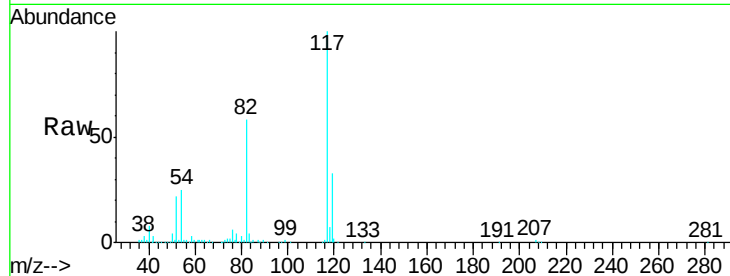




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058675.D
Acq: 10 Oct 2019 19:40

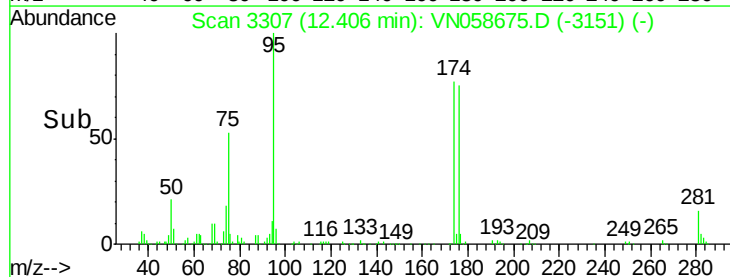
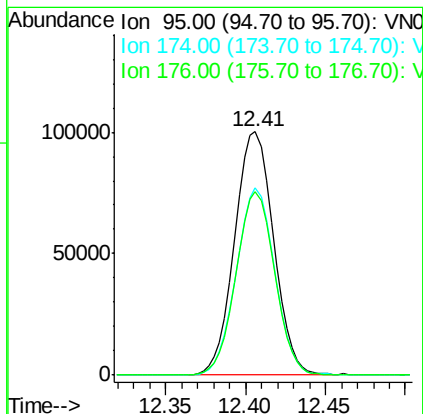
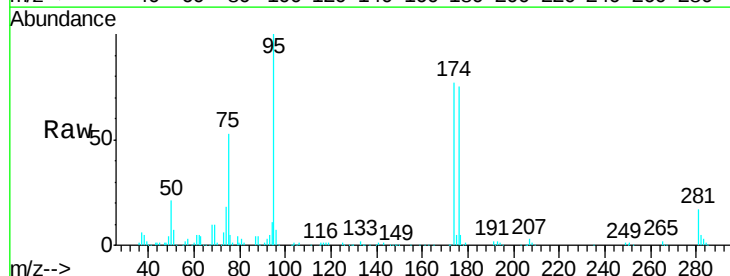
Instrument :
MSVOA_N
ClientSampled :
VN1011WBL01

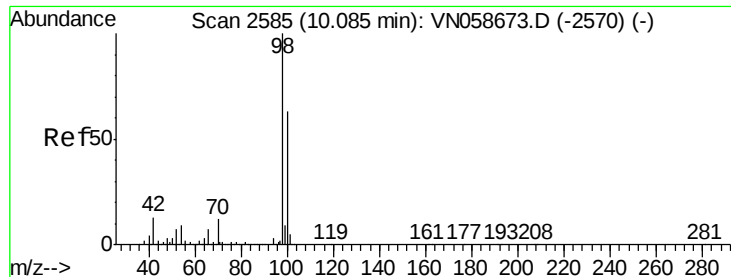
Tgt Ion: 117 Resp: 354482
Ion Ratio Lower Upper
117 100
82 58.3 46.9 70.3
119 32.2 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 26.900 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN058675.D
Acq: 10 Oct 2019 19:40

Tgt Ion: 95 Resp: 166800
Ion Ratio Lower Upper
95 100
174 76.0 59.9 89.9
176 74.7 58.3 87.5





#63

Toluene-d8

Concen: 29.668 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058675.D

Acq: 10 Oct 2019 19:40

Instrument :

MSVOA_N

ClientSampleId :

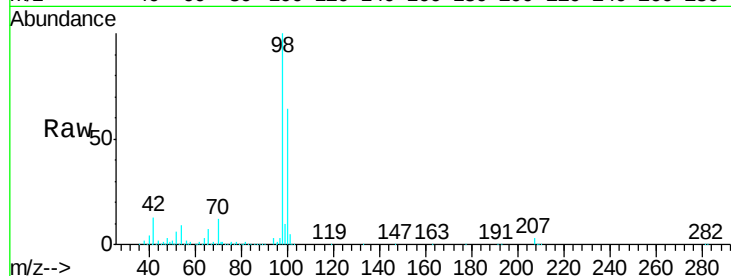
VN1011WBL01

Tgt Ion: 98 Resp: 496563

Ion Ratio Lower Upper

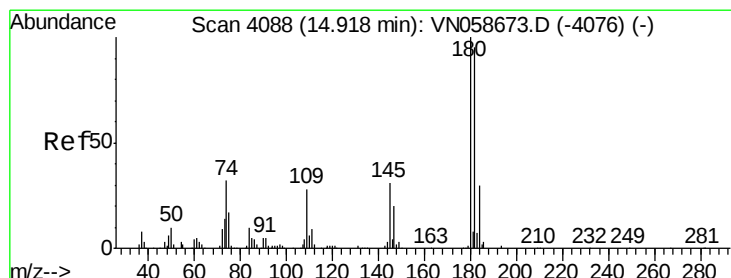
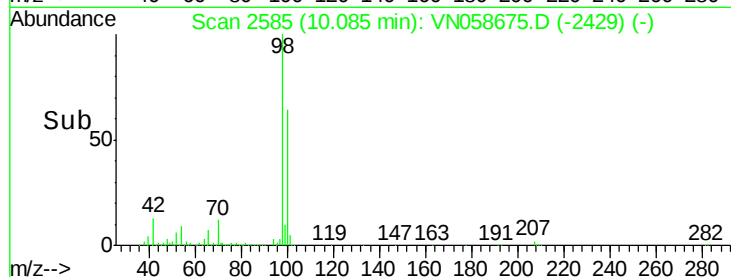
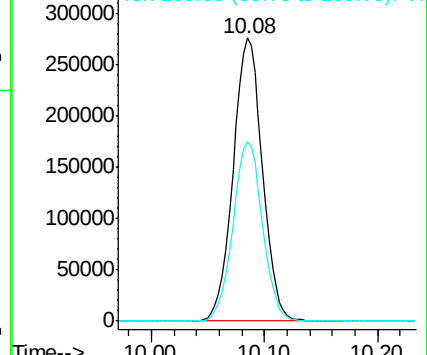
98 100

100 63.8 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#89

1,2,4-Trichlorobenzene

Concen: 0.203 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. -0.00 min

Lab File: VN058675.D

Acq: 10 Oct 2019 19:40

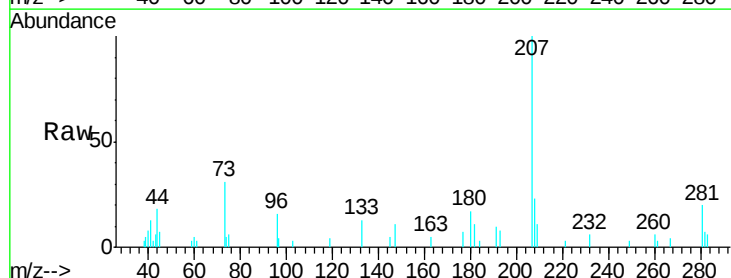
Tgt Ion: 180 Resp: 1150

Ion Ratio Lower Upper

180 100

182 77.1 75.3 112.9

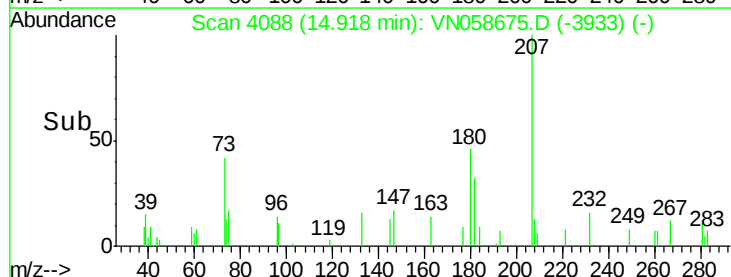
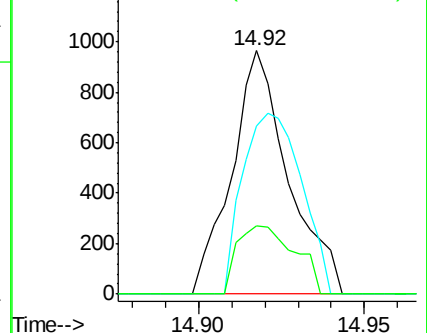
145 25.7 24.8 37.2

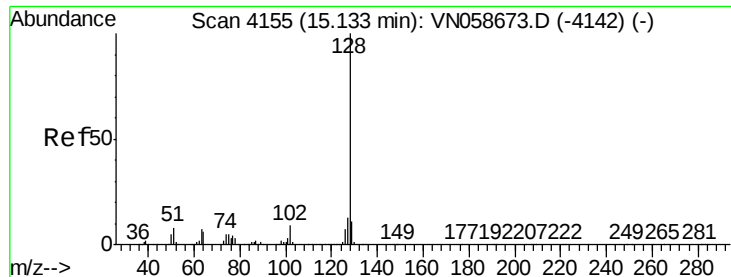


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#91

Naphthalene

Concen: 0.220 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058675.D

Acq: 10 Oct 2019 19:40

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBL01

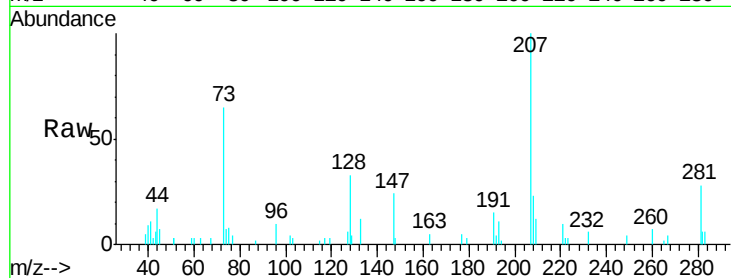
Tgt Ion:128 Resp: 3675

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.2

129 9.6 8.6 13.0



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

