

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102519\
 Data File : VN058948.D
 Acq On : 24 Oct 2019 10:26
 Operator : JC/SP
 Sample : VN1025WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 01:17:38 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	7.17	128	55595	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	287806	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	253592	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	152947	32.41	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	108.03%
60) 4-Bromofluorobenzene	12.40	95	105793	23.85	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	79.50%
63) Toluene-d8	10.08	98	359363	30.01	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.03%

Target Compounds

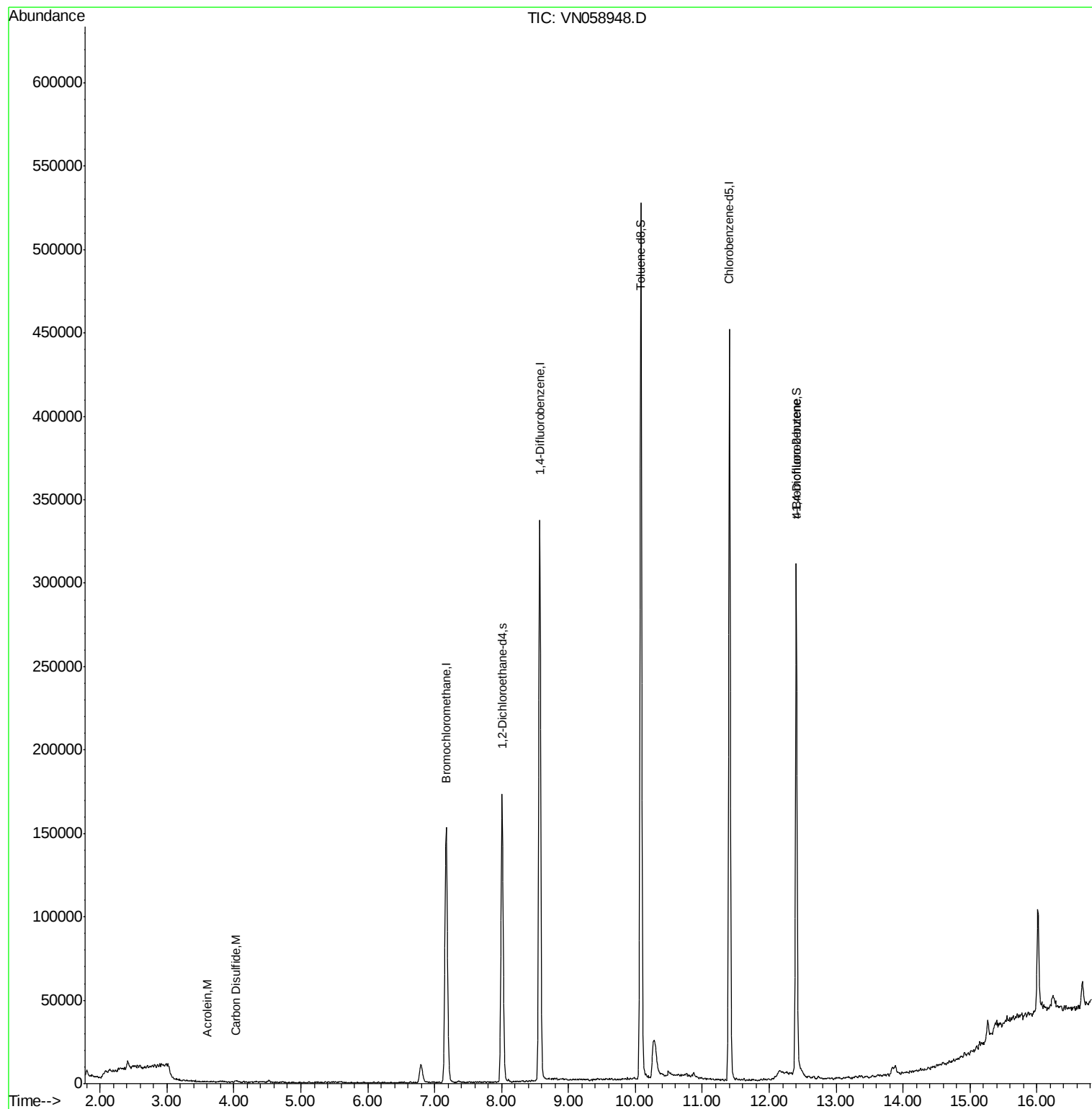
					Ovalue	
13) Acrolein	3.60	56	107	0.208	ug/l #	15
16) Carbon Disulfide	4.03	76	1977	0.233	ug/l #	75
77) t-1,4-Dichloro-2-butene	12.40	75	57833	33.694	ug/l #	10

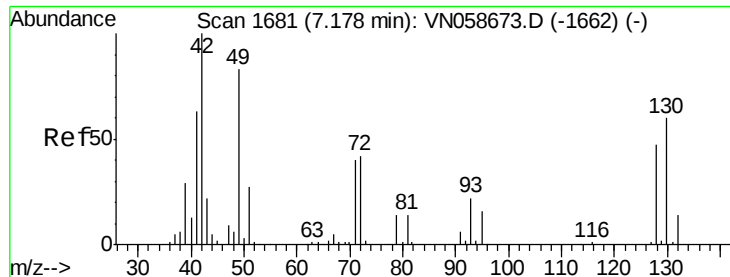
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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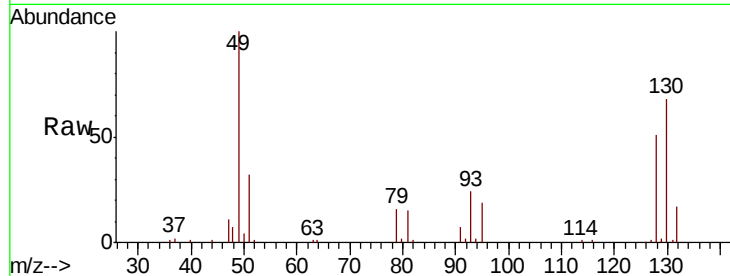




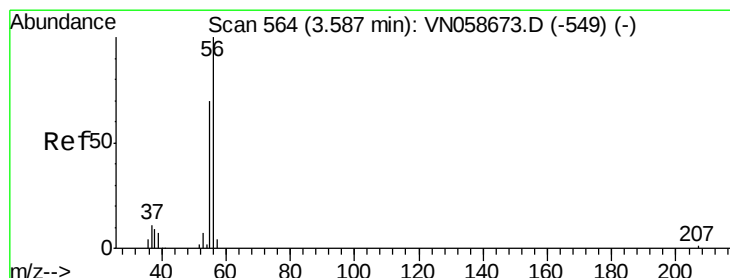
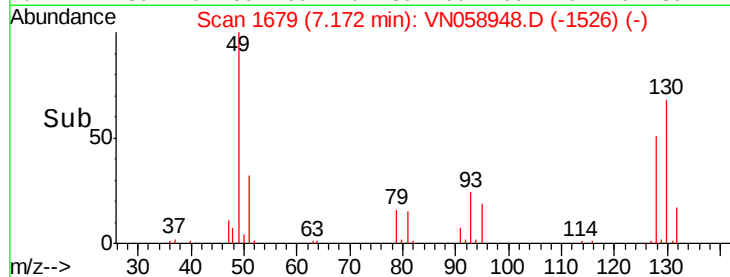
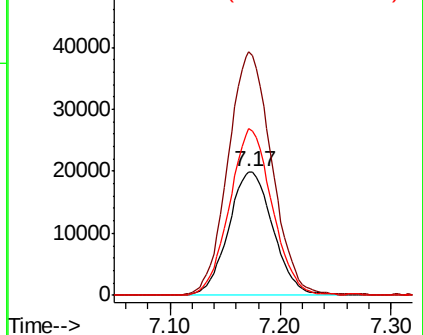
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN058948.D
Acq: 24 Oct 2019 10:26

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 55595
Ion Ratio Lower Upper
128 100
49 193.9 0.0 453.5
130 129.4 0.0 314.2

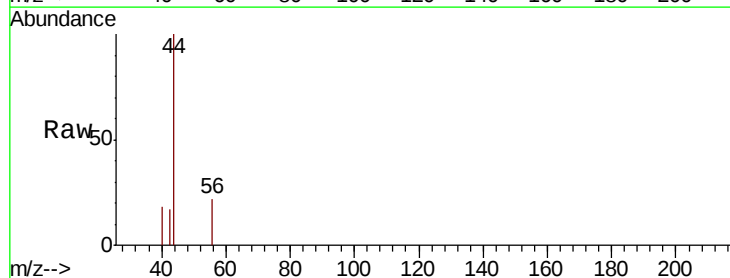


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

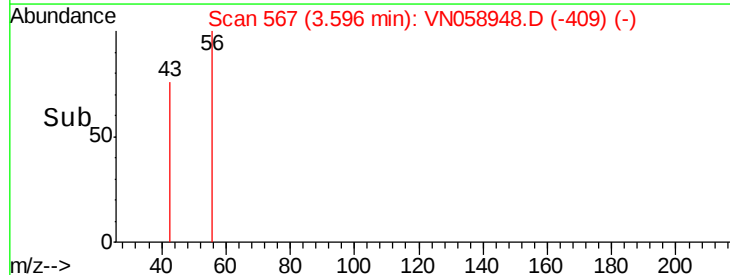
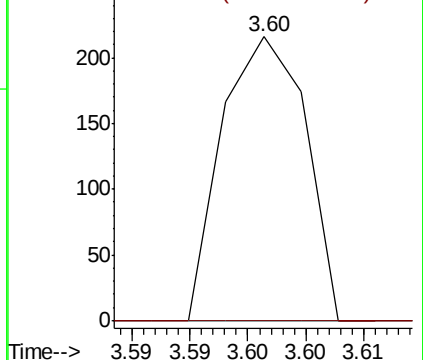


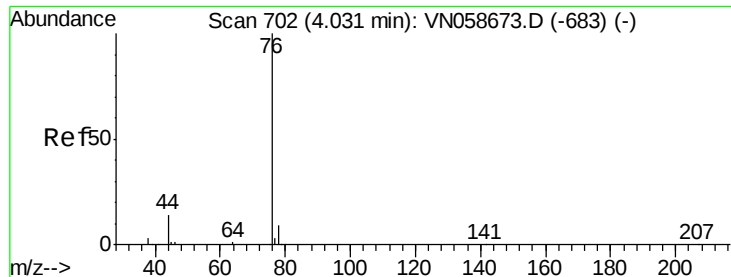
#13
Acrolein
Concen: 0.208 ug/l
RT: 3.60 min Scan# 567
Delta R.T. 0.01 min
Lab File: VN058948.D
Acq: 24 Oct 2019 10:26

Tgt Ion: 56 Resp: 107
Ion Ratio Lower Upper
56 100
55 0.0 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VN
Ion 55.00 (54.70 to 55.70): VN

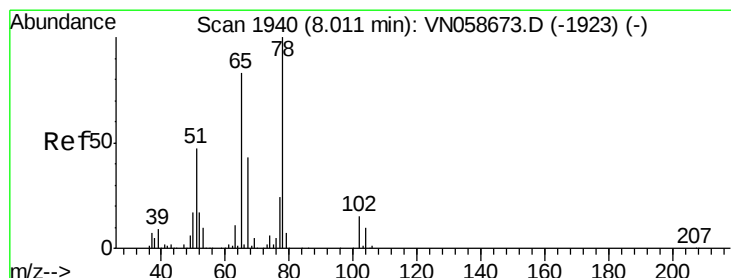
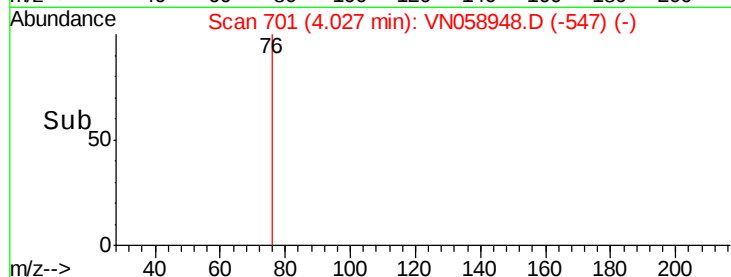
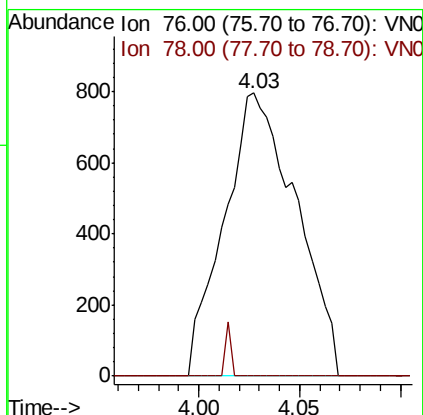
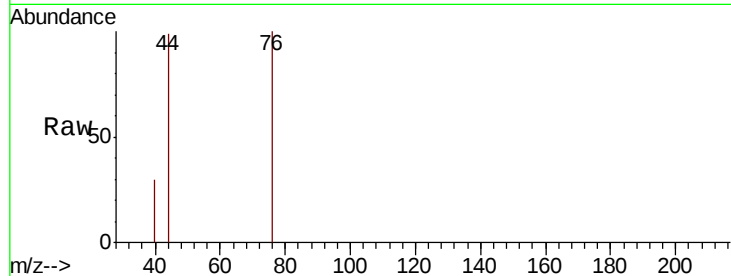




#16
Carbon Disulfide
Concen: 0.233 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN058948.D
Acq: 24 Oct 2019 10:26

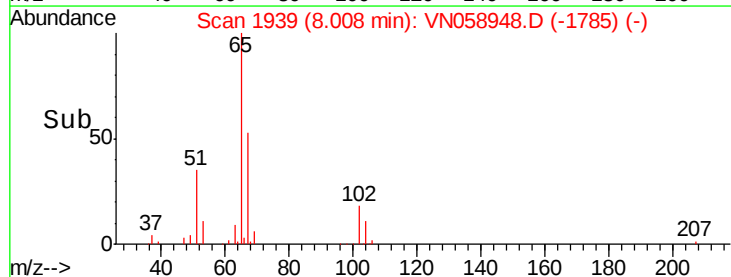
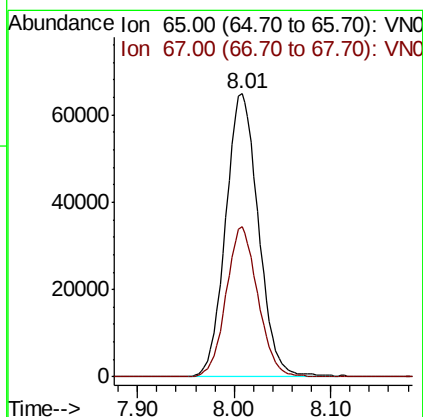
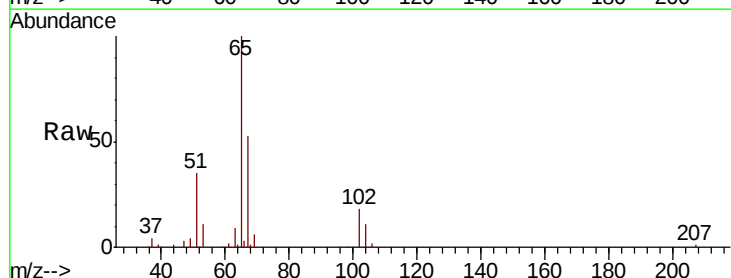
Instrument :
MSVOA_N
ClientSampled :

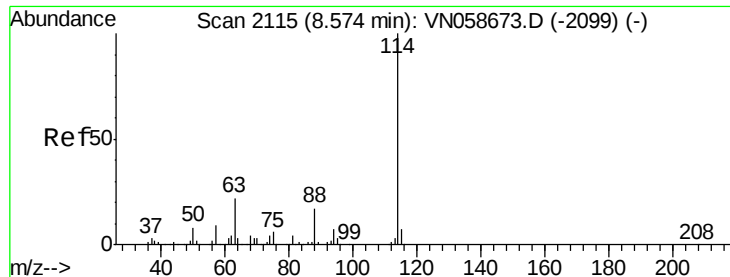
Tot Ion: 76 Resp: 1977
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#27
1,2-Dichloroethane-d4
Concen: 32.414 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. -0.00 min
Lab File: VN058948.D
Acq: 24 Oct 2019 10:26

Tgt Ion: 65 Resp: 152947
Ion Ratio Lower Upper
65 100
67 51.2 41.5 62.3

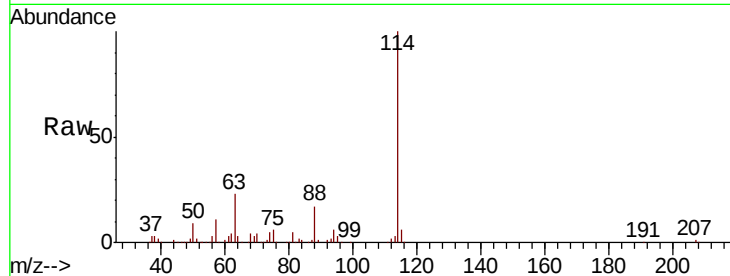




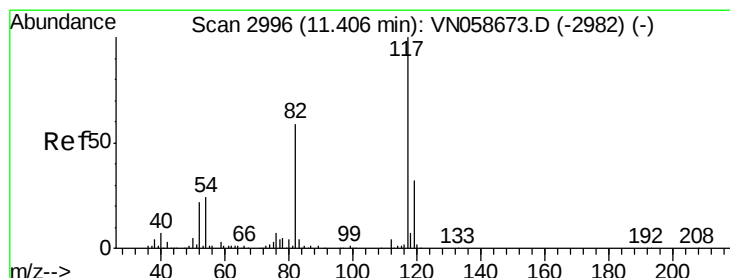
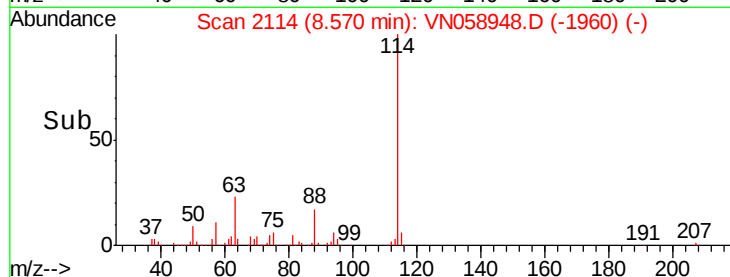
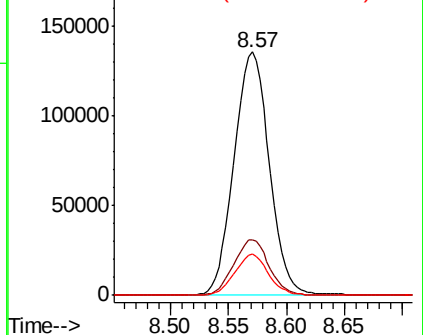
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN058948.D
 Acq: 24 Oct 2019 10:26

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	18.1	27.1
88	16.2	13.0	19.4

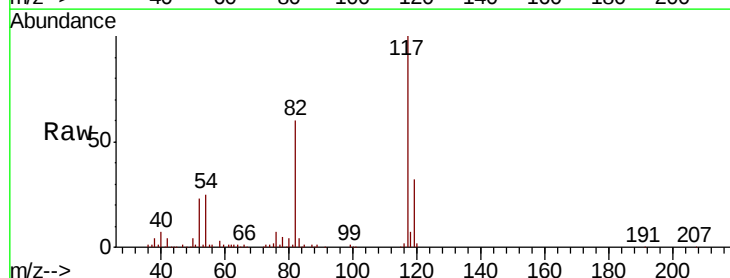


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

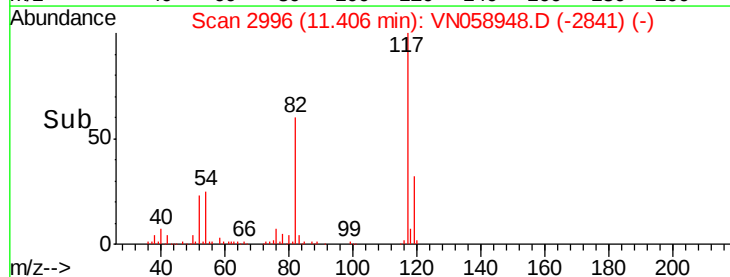
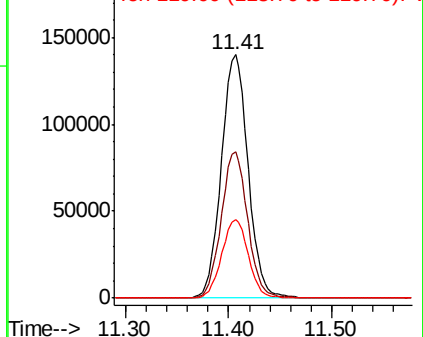


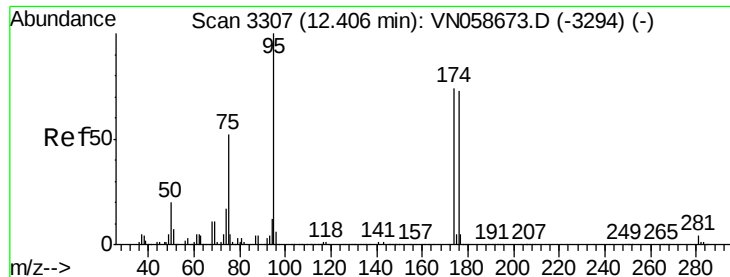
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN058948.D
 Acq: 24 Oct 2019 10:26

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.2	46.9	70.3
119	32.1	25.8	38.6



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VN
 Ion 119.00 (118.70 to 119.70): V

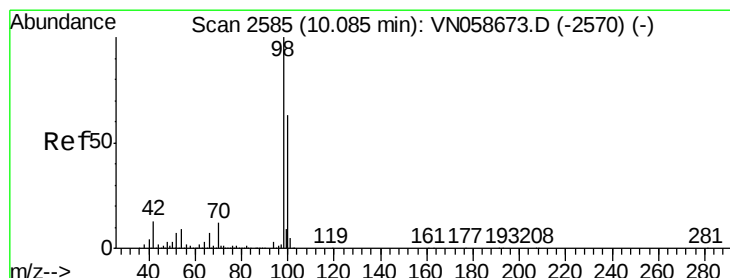
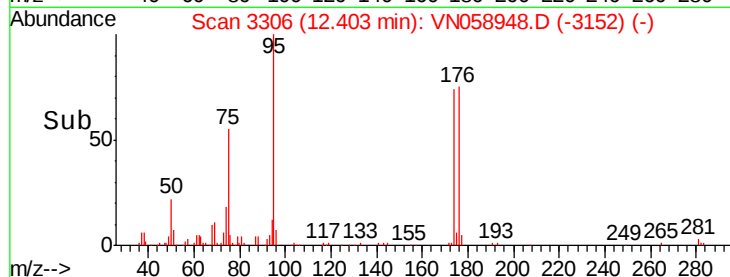
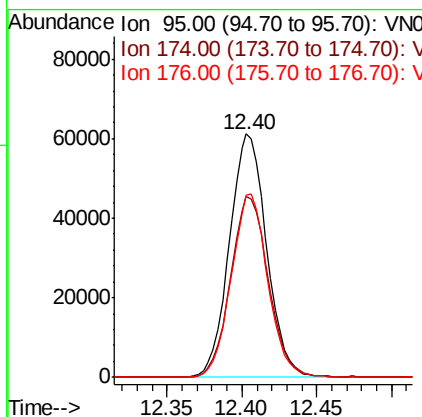
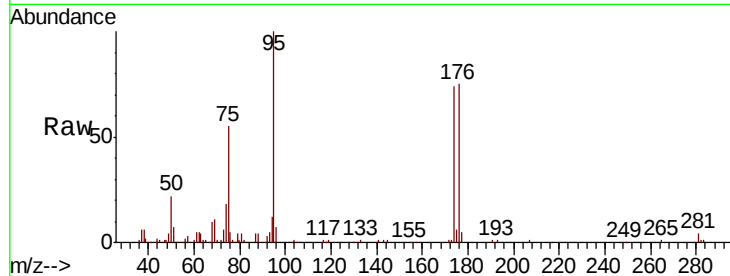




#60
4-Bromofluorobenzene
Concen: 23.849 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058948.D
Acq: 24 Oct 2019 10:26

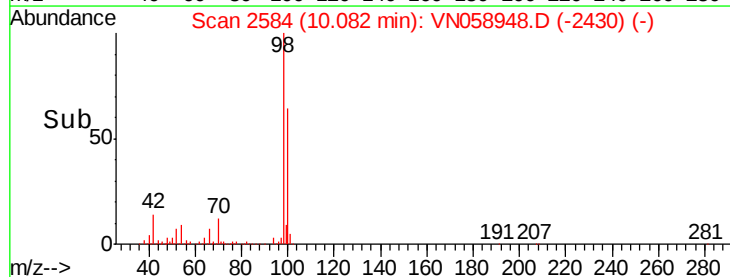
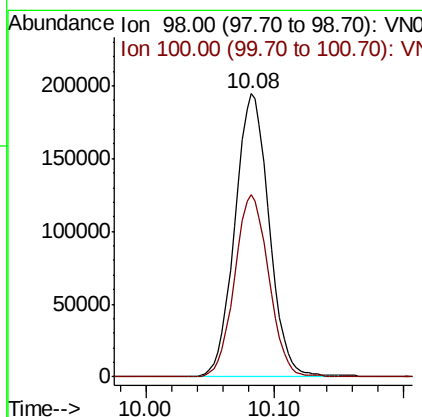
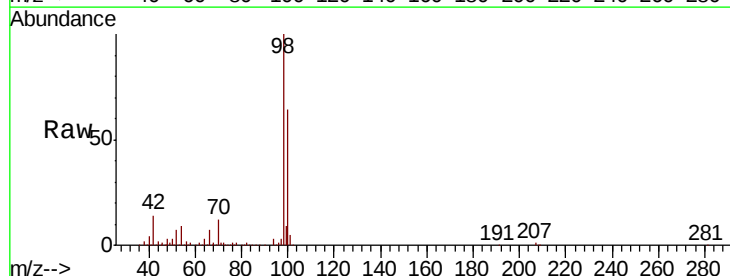
Instrument :
MSVOA_N
ClientSampled :

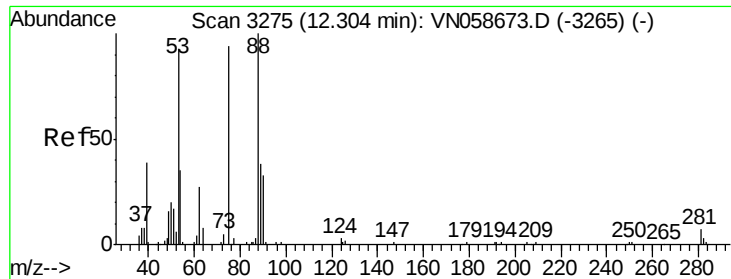
Tot Ion	95	Resp	105793
Ion Ratio	Lower	Upper	
95	100		
174	75.6	59.9	89.9
176	74.1	58.3	87.5



#63
Toluene-d8
Concen: 30.013 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN058948.D
Acq: 24 Oct 2019 10:26

Tgt Ion	98	Resp	359363
Ion Ratio	Lower	Upper	
98	100		
100	64.1	50.6	75.8





#77
t-1,4-Dichloro-2-butene
Concen: 33.694 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN058948.D
Acq: 24 Oct 2019 10:26

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 57833
Ion Ratio Lower Upper
75 100
53 0.0 50.0 150.0#
89 0.0 20.7 62.1#

