

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112718\
 Data File : VN052493.D
 Acq On : 27 Nov 2018 22:32
 Operator : MD\SY
 Sample : VN1127WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBL02

Quant Time: Nov 28 06:17:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	176164	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1016651	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	836187	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	362599	30.21	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.70%
60) 4-Bromofluorobenzene	12.40	95	331277	25.91	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.37%
63) Toluene-d8	10.09	98	1191633	30.73	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.43%

Target Compounds

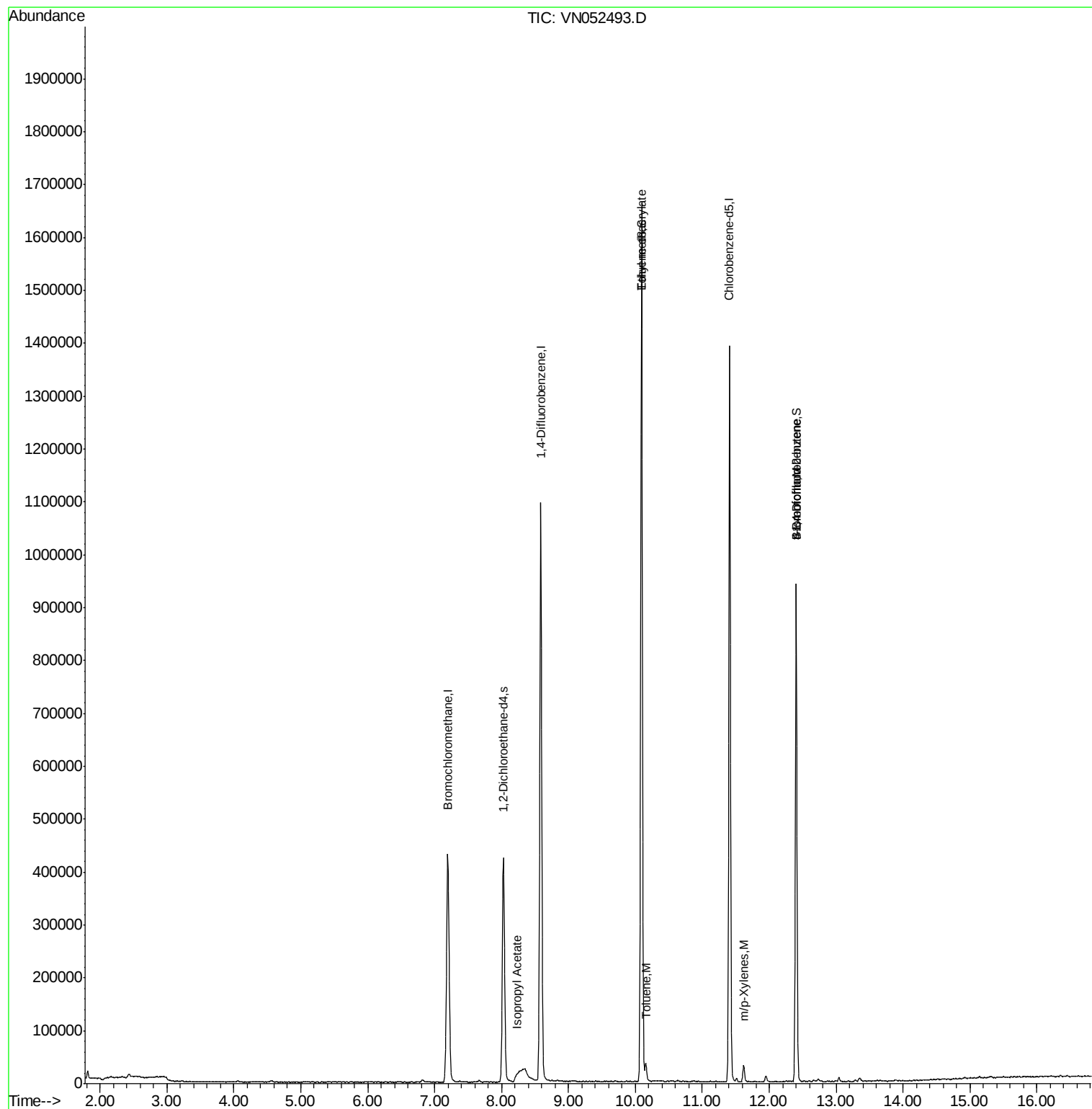
					Ovalue	
44) Isopropyl Acetate	8.22	43	8760	0.565	ug/l #	58
51) Ethyl methacrylate	10.09	69	3445	0.286	ug/l	90
56) Bromoform	12.40	173	2411	0.350	ug/l #	1
62) Toluene	10.16	91	23683	0.514	ug/l	98
67) m/p-Xylenes	11.62	106	9923	0.536	ug/l	99
77) t-1,4-Dichloro-2-butene	12.40	75	157560	55.880	ug/l #	11

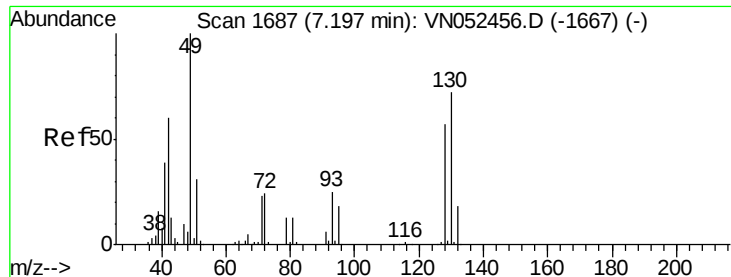
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112718\
Data File : VN052493.D
Acq On : 27 Nov 2018 22:32
Operator : MD\SY
Sample : VN1127WBL02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBL02

Quant Time: Nov 27 23:54:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:48:33 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052493.D

Acq: 27 Nov 2018 22:32

Instrument :

MSVOA_N

ClientSampled :

VN1127WBL02

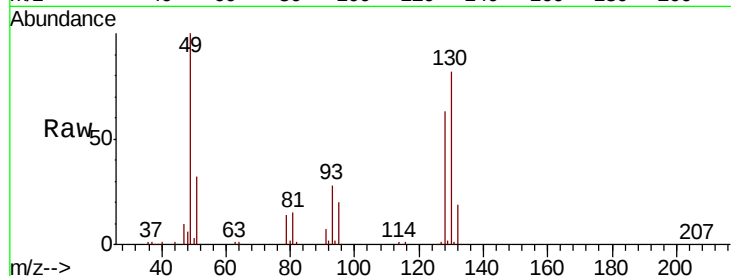
Tot Ion:128 Resp: 176164

Ion Ratio Lower Upper

128 100

49 162.0 0.0 431.8

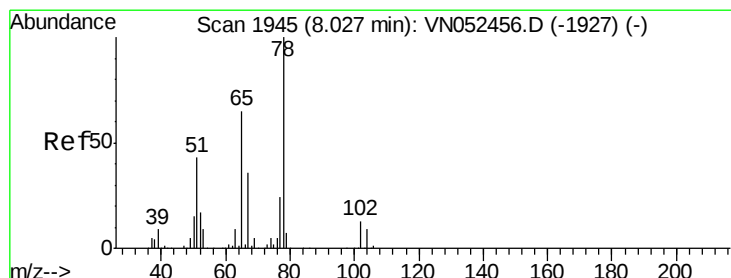
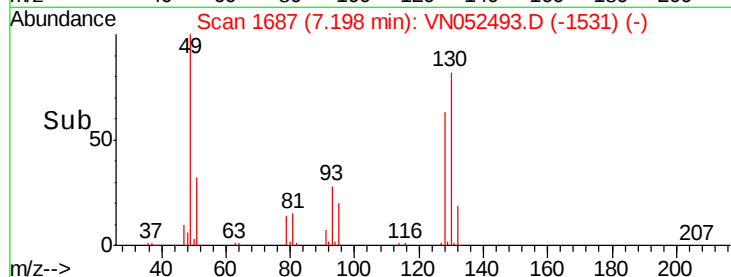
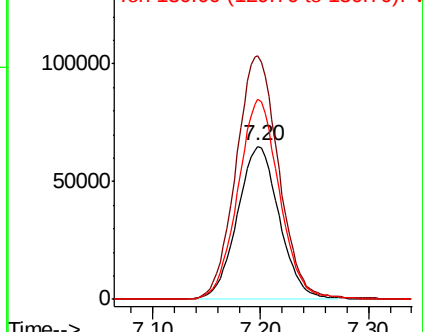
130 129.8 0.0 317.0



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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052493.D

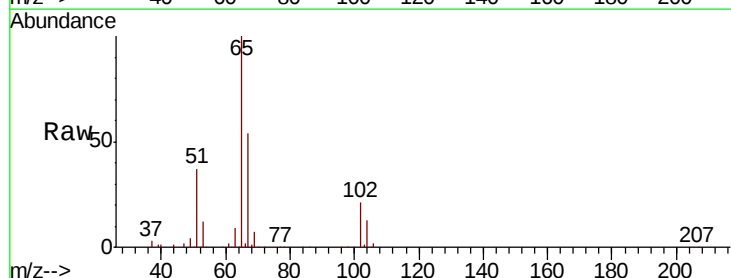
Acq: 27 Nov 2018 22:32

Tgt Ion: 65 Resp: 362599

Ion Ratio Lower Upper

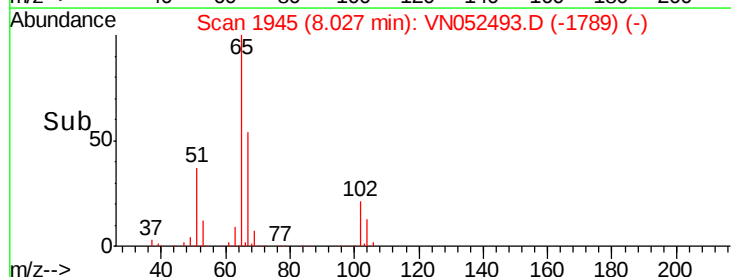
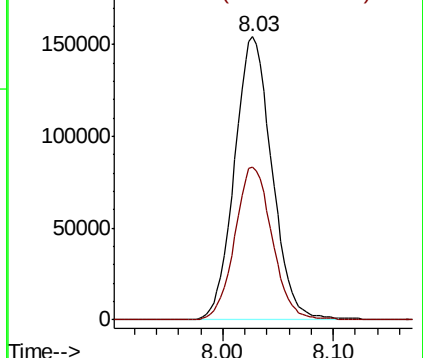
65 100

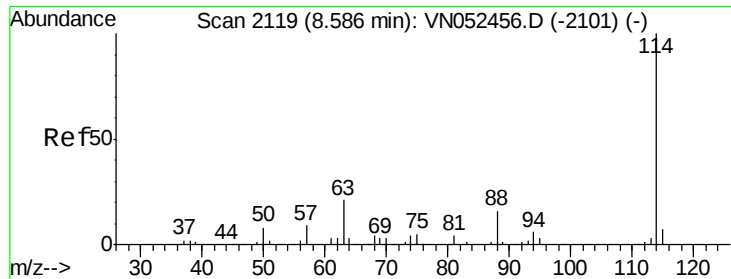
67 54.0 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

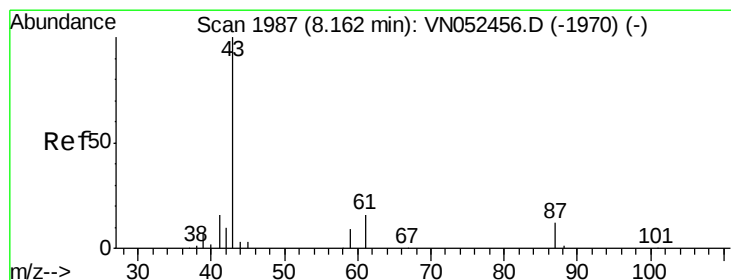
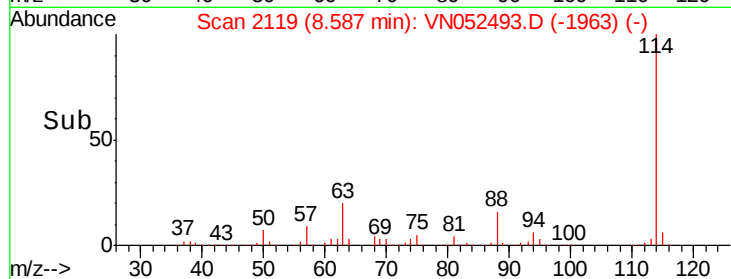
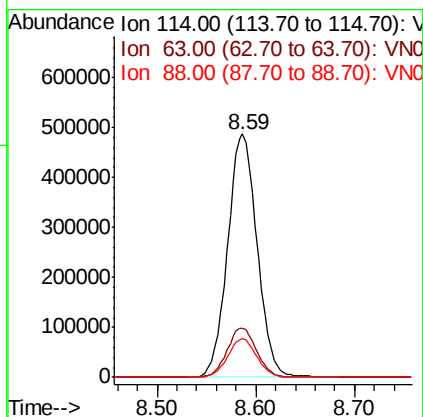
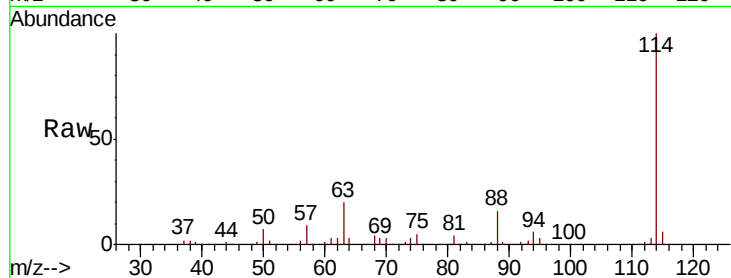




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052493.D
 Acq: 27 Nov 2018 22:32

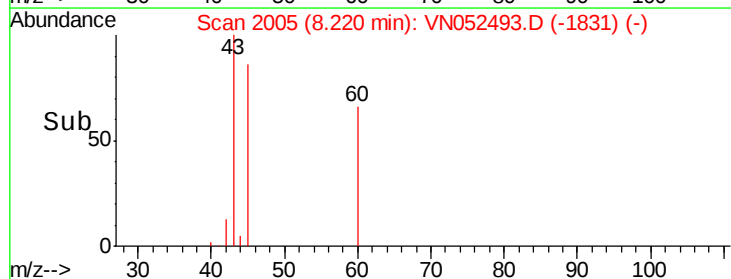
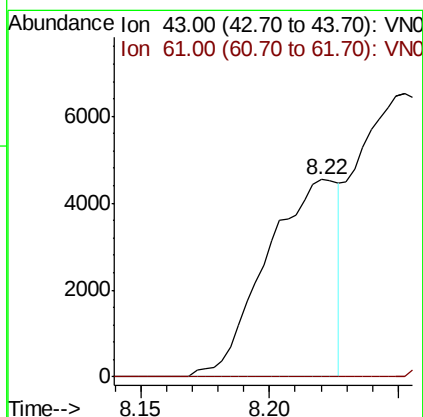
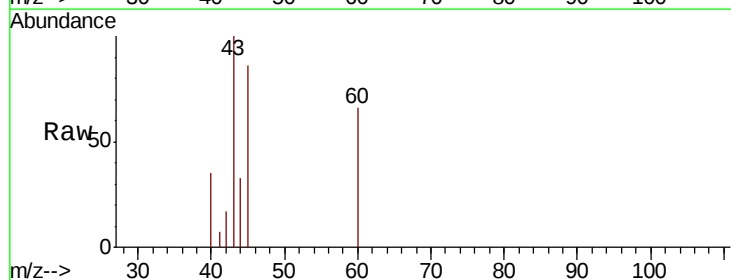
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBL02

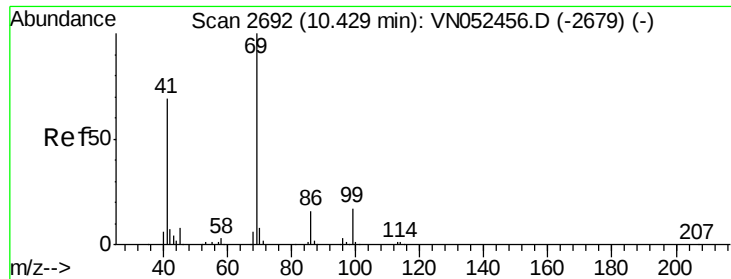
Tot Ion:114 Resp: 1016651
 Ion Ratio Lower Upper
 114 100
 63 20.3 16.9 25.3
 88 15.6 12.8 19.2



#44
 Isopropyl Acetate
 Concen: 0.565 ug/l
 RT: 8.22 min Scan# 2005
 Delta R.T. 0.06 min
 Lab File: VN052493.D
 Acq: 27 Nov 2018 22:32

Tgt Ion: 43 Resp: 8760
 Ion Ratio Lower Upper
 43 100
 61 0.7 16.0 24.0#





#51

Ethyl methacrylate

Concen: 0.286 ug/l

RT: 10.09 min Scan# 2588

Delta R.T. -0.33 min

Lab File: VN052493.D

Acq: 27 Nov 2018 22:32

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBL02

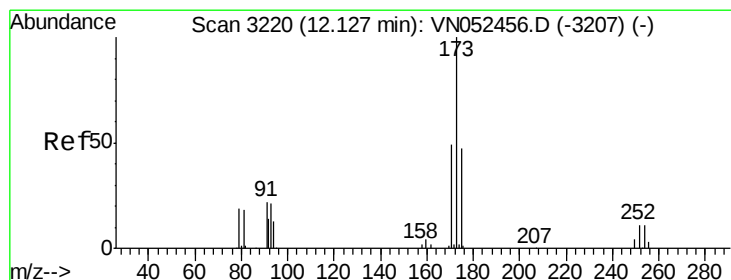
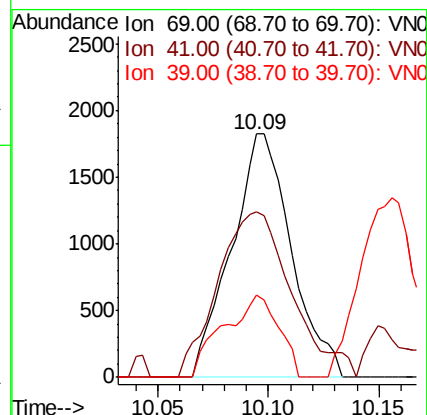
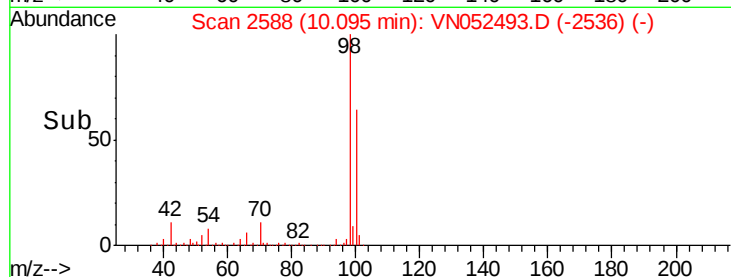
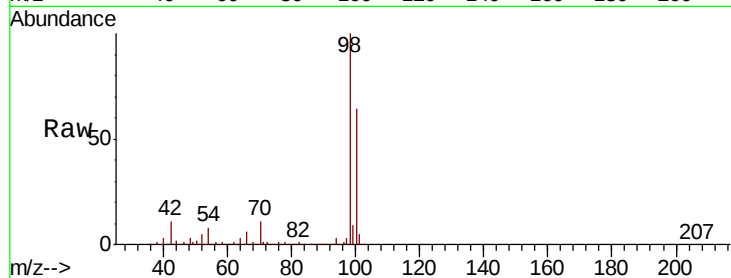
Tot Ion: 69 Resp: 3445

Ion Ratio Lower Upper

69 100

41 57.9 34.4 103.3

39 33.6 16.4 49.2



#56

Bromoform

Concen: 0.350 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052493.D

Acq: 27 Nov 2018 22:32

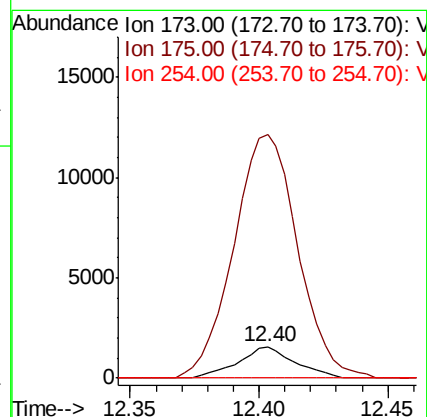
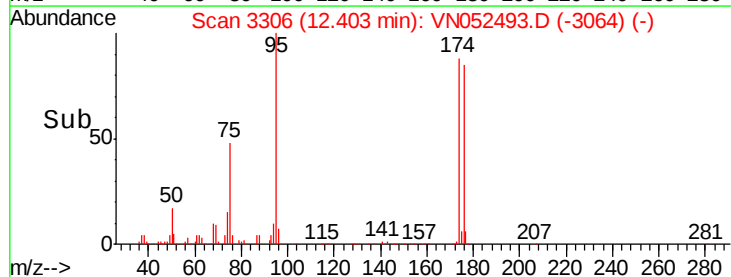
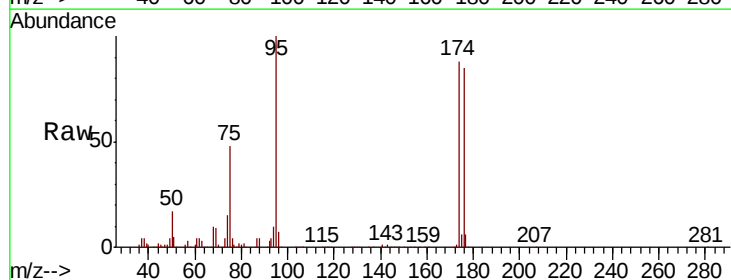
Tgt Ion: 173 Resp: 2411

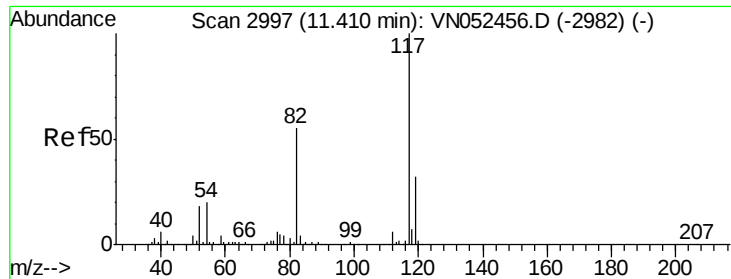
Ion Ratio Lower Upper

173 100

175 871.2 38.7 58.1#

254 0.0 8.4 12.6#

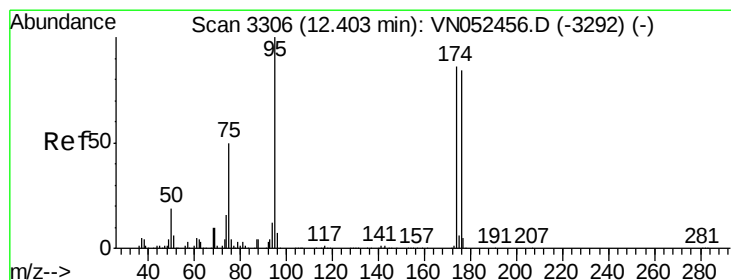
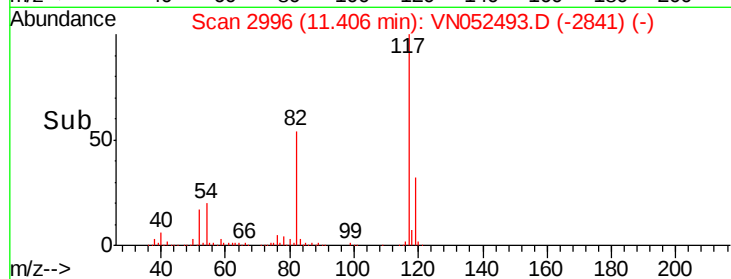
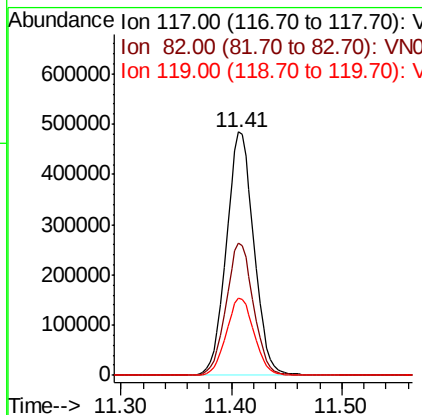
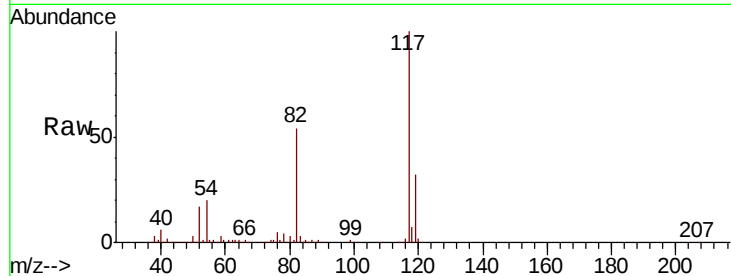




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052493.D
Acq: 27 Nov 2018 22:32

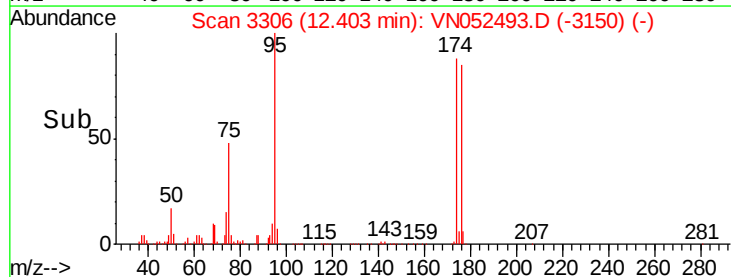
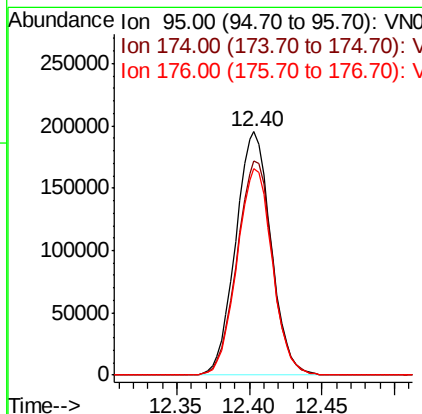
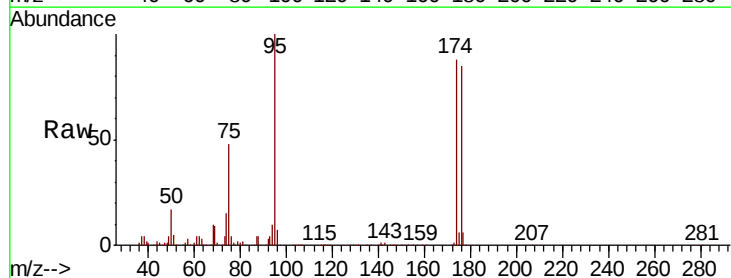
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBL02

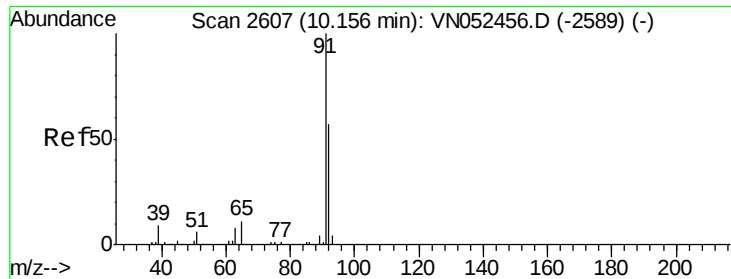
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.2	66.2
119	32.1	25.4	38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052493.D
Acq: 27 Nov 2018 22:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.2	67.9	101.9
176	85.0	66.4	99.6





#62

Toluene

Concen: 0.514 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052493.D

Acq: 27 Nov 2018 22:32

Instrument :

MSVOA_N

ClientSampled :

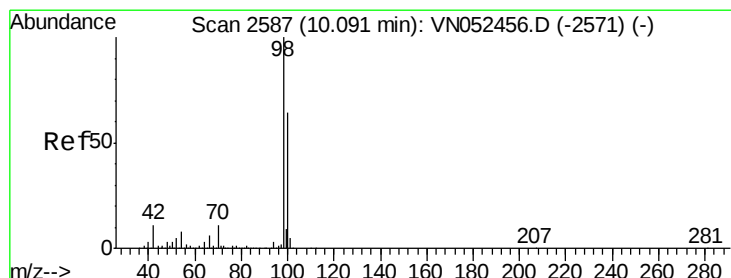
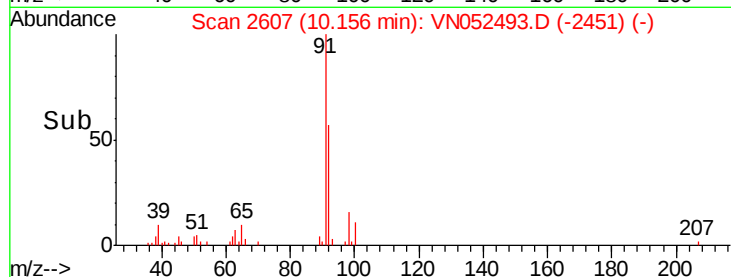
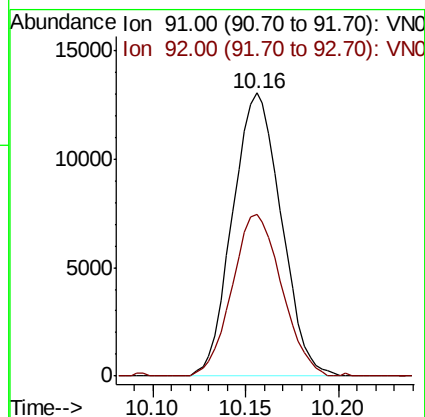
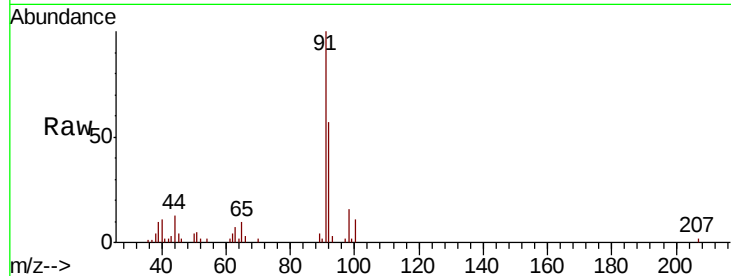
VN1127WBL02

Tot Ion: 91 Resp: 23683

Ion Ratio Lower Upper

91 100

92 58.3 45.4 68.2



#63

Toluene-d8

Concen: 0.514 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052493.D

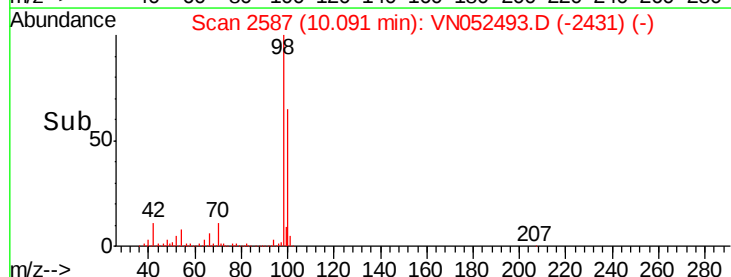
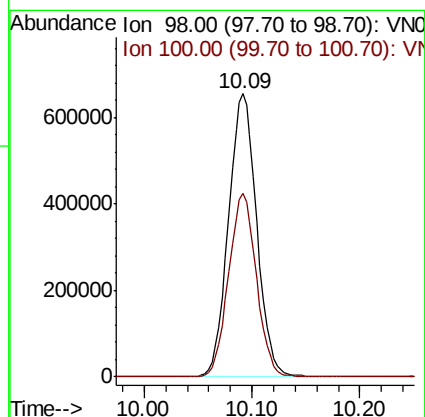
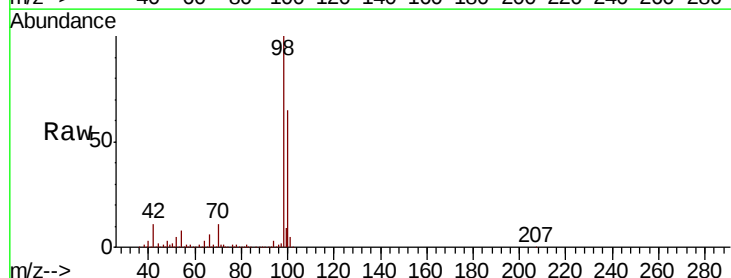
Acq: 27 Nov 2018 22:32

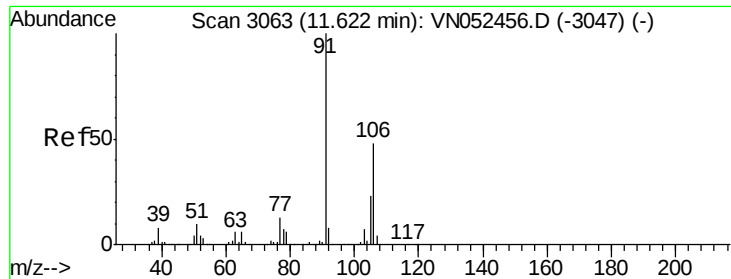
Tgt Ion: 98 Resp: 1191633

Ion Ratio Lower Upper

98 100

100 64.3 51.1 76.7

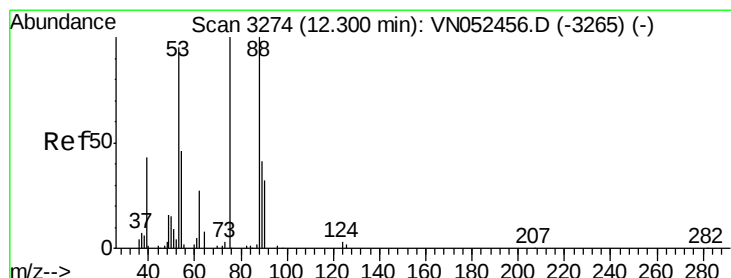
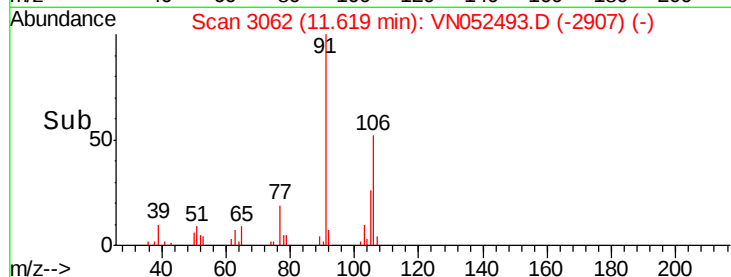
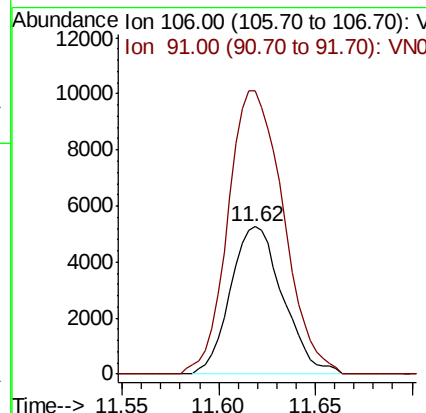
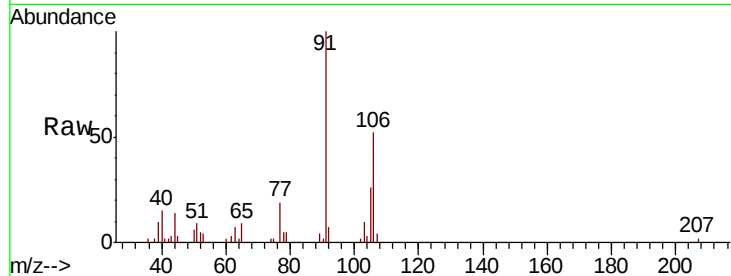




#67
m/p-Xvlenes
Concen: 0.536 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052493.D
Acq: 27 Nov 2018 22:32

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBL02

Tot Ion:106 Resp: 9923
Ion Ratio Lower Upper
106 100
91 202.9 163.9 245.9



#77
t-1,4-Dichloro-2-butene
Concen: 55.880 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN052493.D
Acq: 27 Nov 2018 22:32

Tgt Ion: 75 Resp: 157560
Ion Ratio Lower Upper
75 100
53 0.0 48.5 145.6#
89 0.0 21.7 65.1#

