

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102319\
 Data File : VN058909.D
 Acq On : 22 Oct 2019 15:24
 Operator : JC/SP
 Sample : VN1023WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 23 01:21:49 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	0.00	128	0	0.00	ug/l	-7.18
28) 1,4-Difluorobenzene	8.57	114	550448	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	487694	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	269708	0.00	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	0.00%#
60) 4-Bromofluorobenzene	12.40	95	221318	25.94	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.47%
63) Toluene-d8	10.08	98	709512	30.81	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.70%

Target Compounds

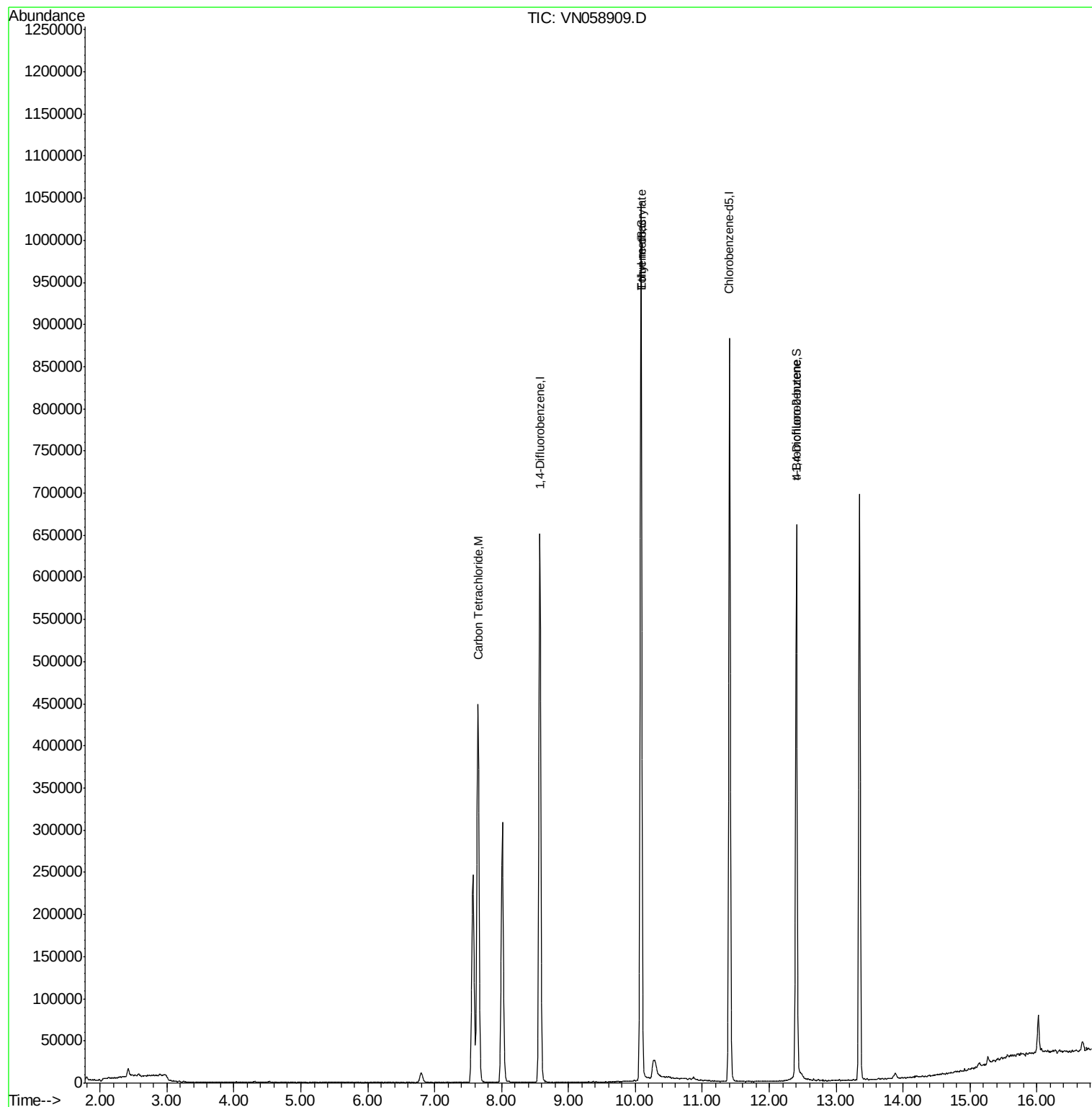
					Ovalue	
33) Carbon Tetrachloride	7.65	117	35267	4.066	ug/l #	16
51) Ethyl methacrylate	10.09	69	2411	0.240	ug/l	85
77) t-1,4-Dichloro-2-butene	12.40	75	117953	35.734	ug/l #	10

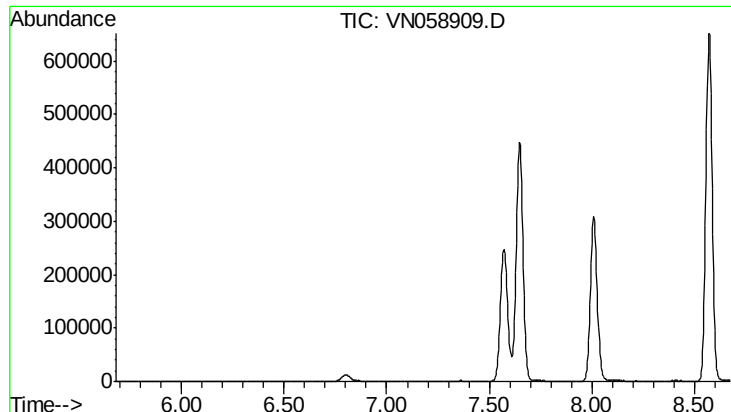
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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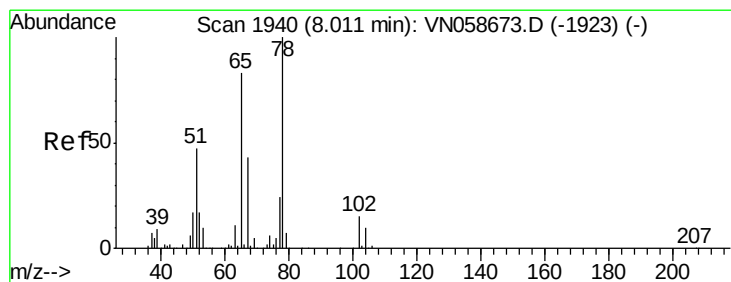
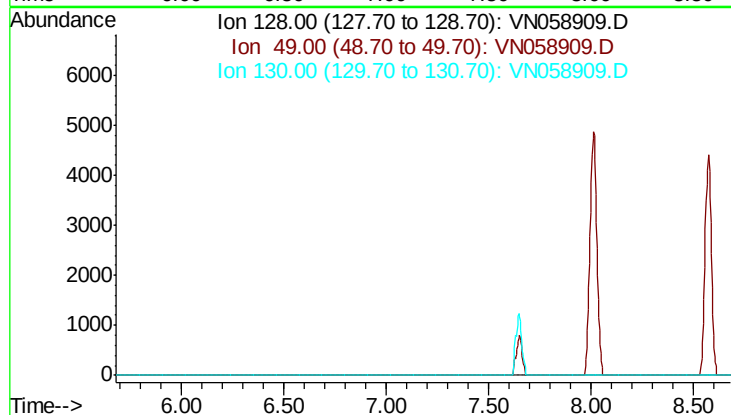




#1
 Bromochloromethane
 Concen: 0.000 ug/l
 Expected RT: 7.18 min
 Lab File: VN058909.D
 Acq: 22 Oct 2019 15:24

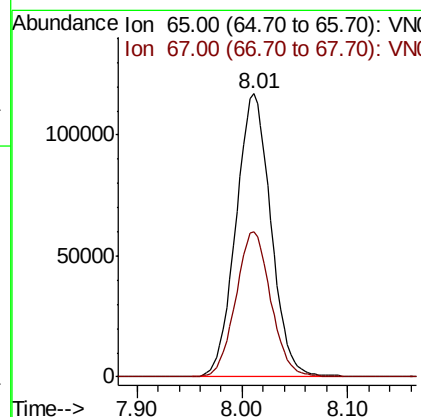
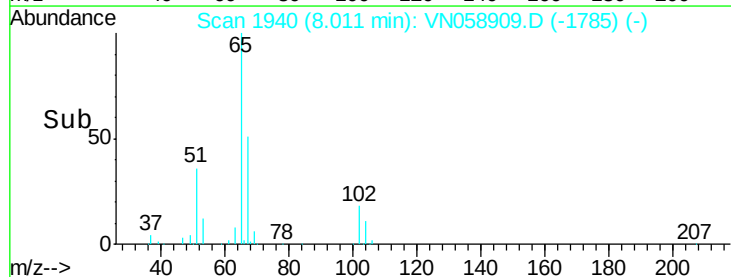
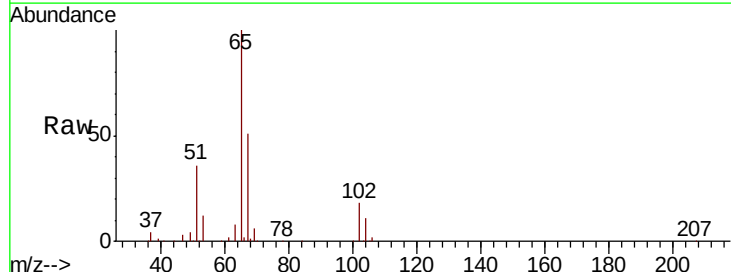
Instrument :
 MSVOA_N
 ClientSampleId :

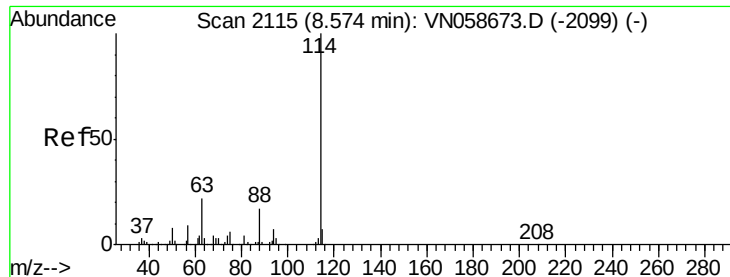
Tot Ion: 128
 Sig Exp Ratio
 128 100
 49 181.4
 130 125.7



#27
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058909.D
 Acq: 22 Oct 2019 15:24

Tgt Ion: 65 Resp: 269708
 Ion Ratio Lower Upper
 65 100
 67 51.4 41.5 62.3

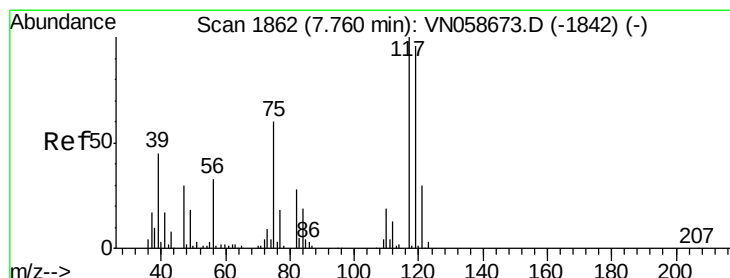
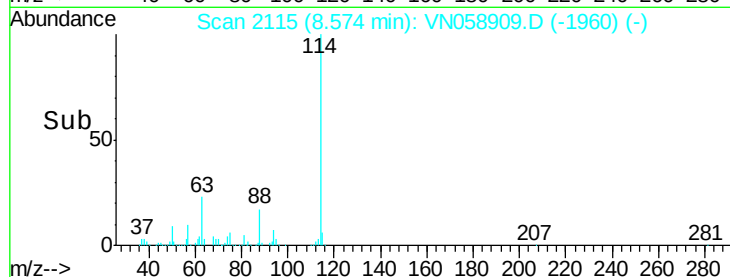
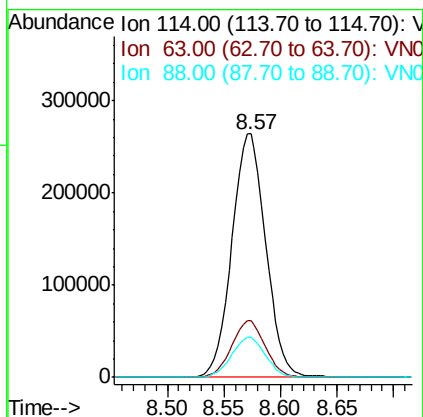
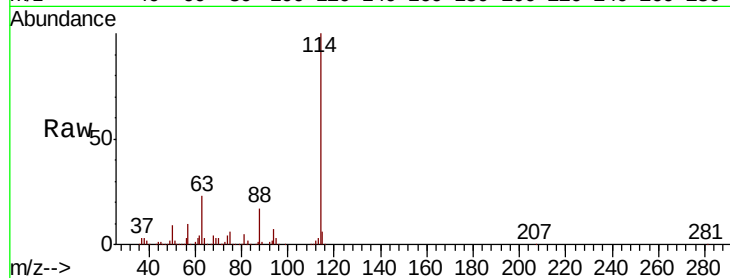




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058909.D
 Acq: 22 Oct 2019 15:24

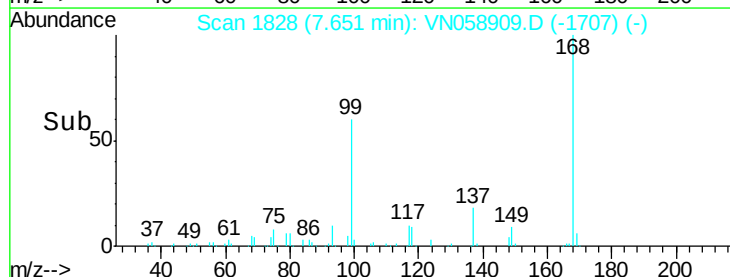
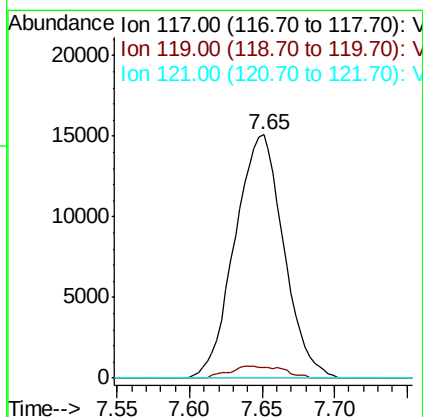
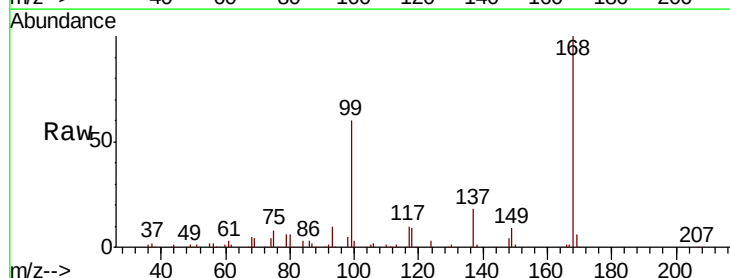
Instrument :
 MSVOA_N
 ClientSampleId :

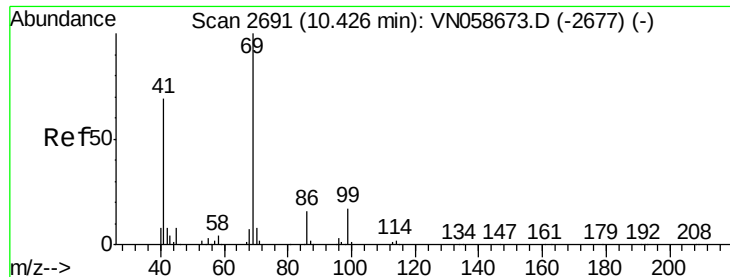
Tot Ion:114 Resp: 550448
 Ion Ratio Lower Upper
 114 100
 63 23.0 18.1 27.1
 88 16.5 13.0 19.4



#33
 Carbon Tetrachloride
 Concen: 4.066 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN058909.D
 Acq: 22 Oct 2019 15:24

Tgt Ion:117 Resp: 35267
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.9 115.3#
 121 0.0 23.8 35.8#





#51

Ethyl methacrylate

Concen: 0.240 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.33 min

Lab File: VN058909.D

Acq: 22 Oct 2019 15:24

Instrument :

MSVOA_N

ClientSampleId :

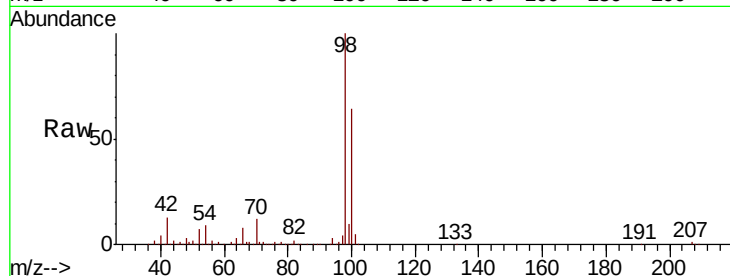
Tot Ion: 69 Resp: 2411

Ion Ratio Lower Upper

69 100

41 87.1 34.7 104.1

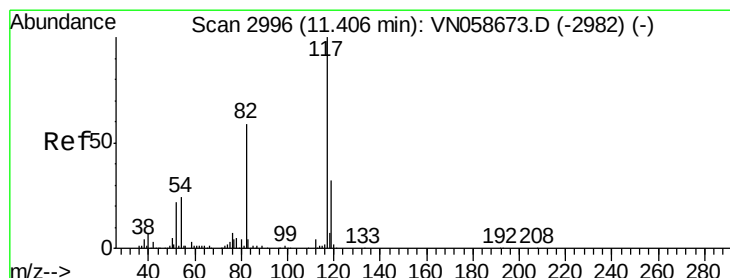
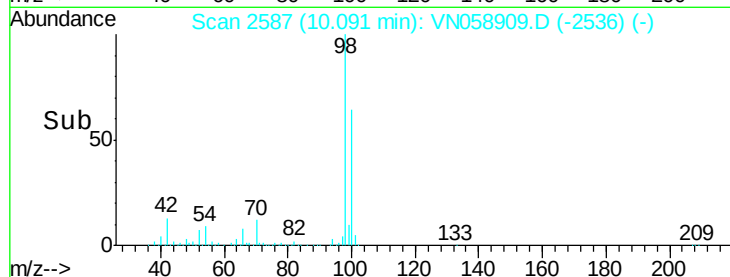
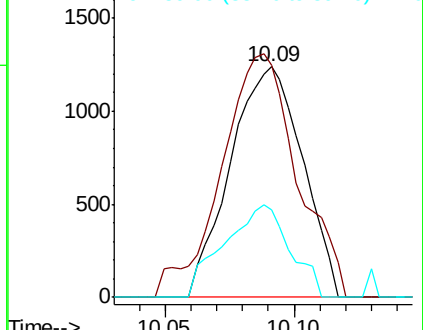
39 38.2 20.3 60.8



Abundance Ion 69.00 (68.70 to 69.70): VN058673.D (-2677) (-)

Ion 41.00 (40.70 to 41.70): VN058673.D (-2677) (-)

Ion 39.00 (38.70 to 39.70): VN058673.D (-2677) (-)



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058909.D

Acq: 22 Oct 2019 15:24

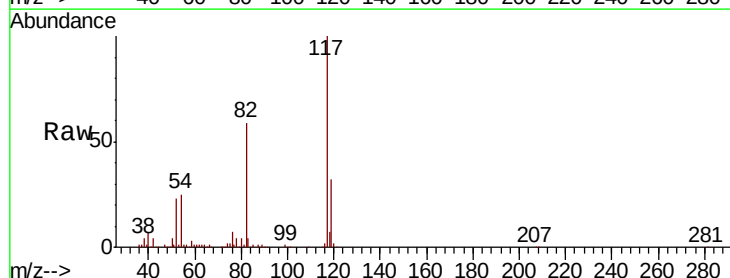
Tgt Ion: 117 Resp: 487694

Ion Ratio Lower Upper

117 100

82 58.9 46.9 70.3

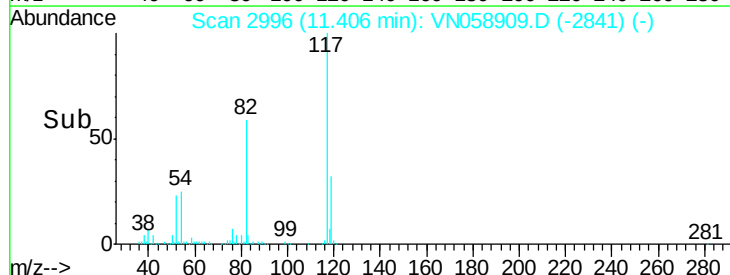
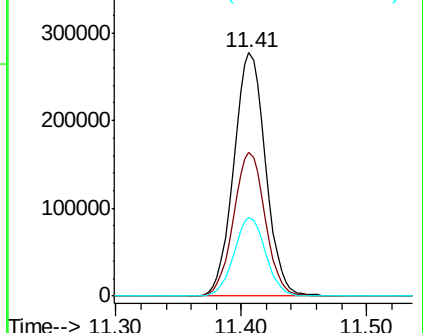
119 32.2 25.8 38.6

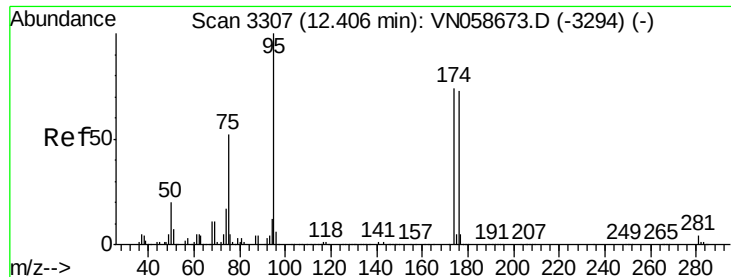


Abundance Ion 117.00 (116.70 to 117.70): VN058673.D (-2982) (-)

Ion 82.00 (81.70 to 82.70): VN058673.D (-2982) (-)

Ion 119.00 (118.70 to 119.70): VN058673.D (-2982) (-)

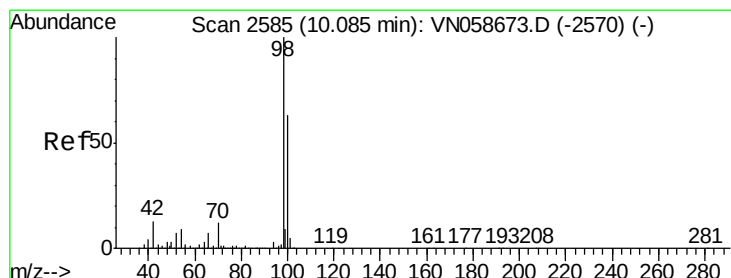
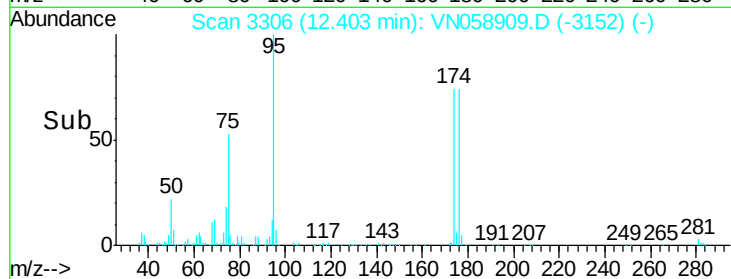
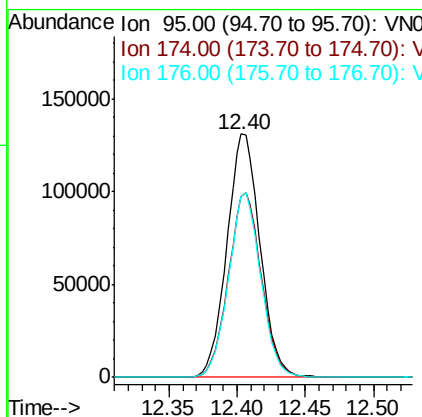
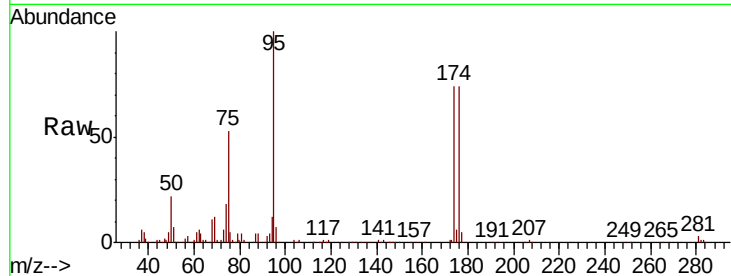




#60
4-Bromofluorobenzene
Concen: 25.943 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058909.D
Acq: 22 Oct 2019 15:24

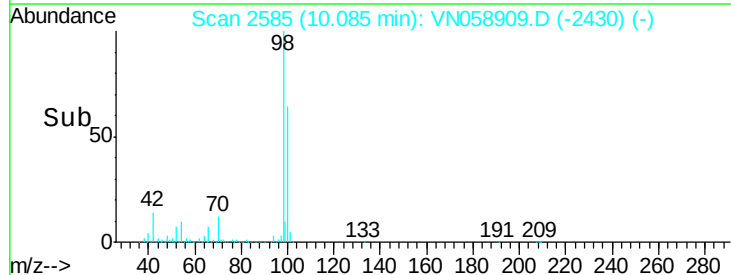
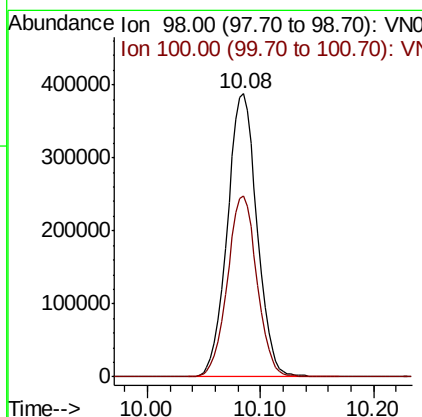
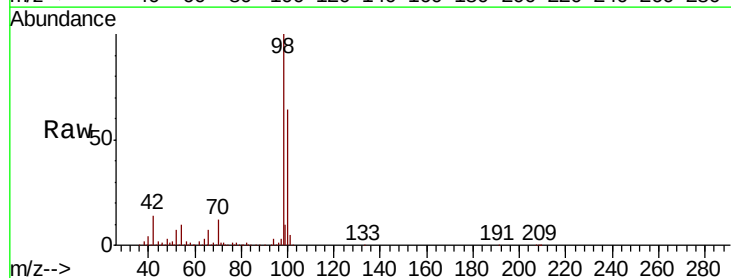
Instrument :
MSVOA_N
ClientSampleId :

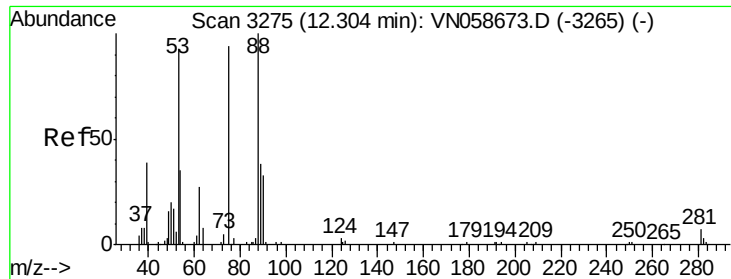
Tot Ion	95	Resp	221318
Ion Ratio	100	Lower	Upper
174	75.8	59.9	89.9
176	73.5	58.3	87.5



#63
Toluene-d8
Concen: 30.812 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058909.D
Acq: 22 Oct 2019 15:24

Tgt Ion	98	Resp	709512
Ion Ratio	100	Lower	Upper
100	63.4	50.6	75.8





#77
 t-1,4-Dichloro-2-butene
 Concen: 35.734 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN058909.D
 Acq: 22 Oct 2019 15:24

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.3	50.0	150.0#
89	0.0	20.7	62.1#

