

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064519.D
 Acq On : 10 Nov 2020 12:21
 Operator : JC/MD
 Sample : VN1110WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBL01

Quant Time: Nov 11 01:42:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 13:16:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	46905	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	238793	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	207061	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	131770	31.73	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.77%
60) 4-Bromofluorobenzene	12.38	95	82877	23.37	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.90%
63) Toluene-d8	10.06	98	288395	29.86	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.53%

Target Compounds

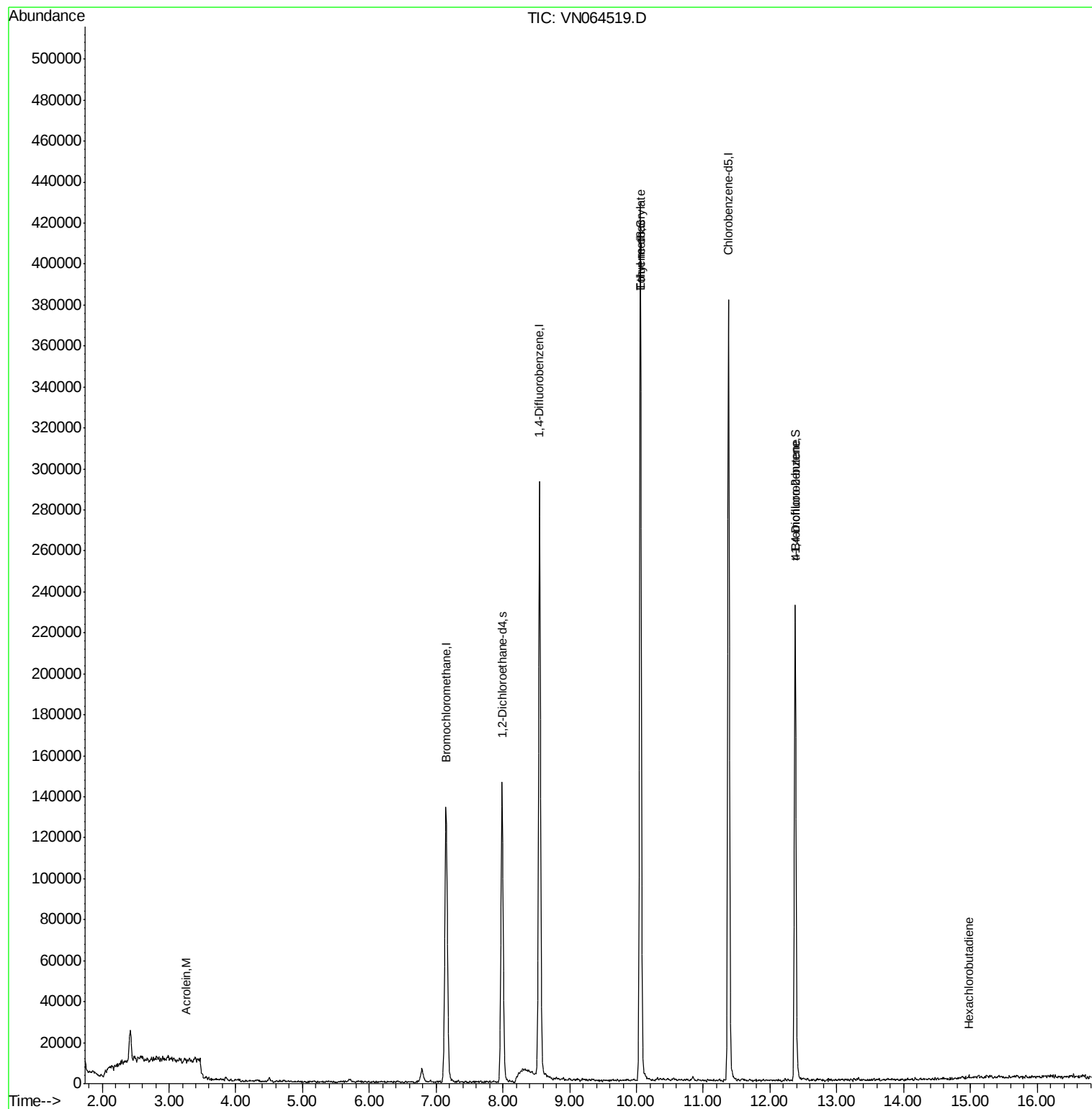
					Ovalue
13) Acrolein	3.24	56	96	0.307 ug/l	91
51) Ethyl methacrylate	10.06	69	1161	0.272 ug/l	80
77) t-1,4-Dichloro-2-butene	12.38	75	45871	32.833 ug/l #	9
90) Hexachlorobutadiene	14.98	225	410	0.357 ug/l	82

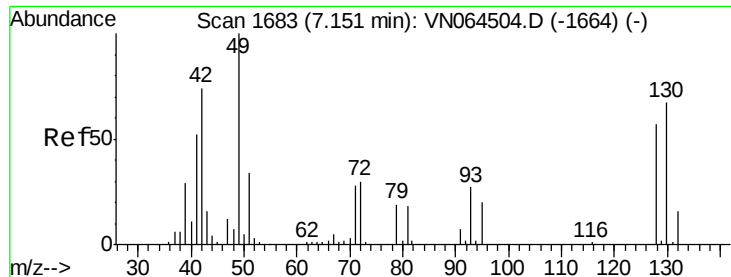
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
Data File : VN064519.D
Acq On : 10 Nov 2020 12:21
Operator : JC/MD
Sample : VN1110WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBL01

Quant Time: Nov 11 01:42:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 13:16:36 2020
Response via : Initial Calibration

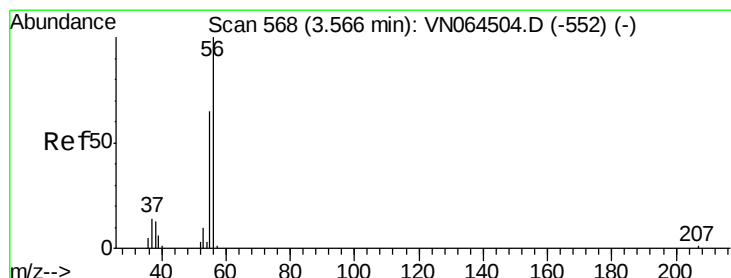
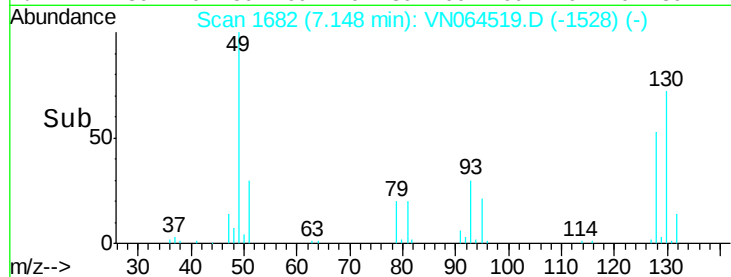
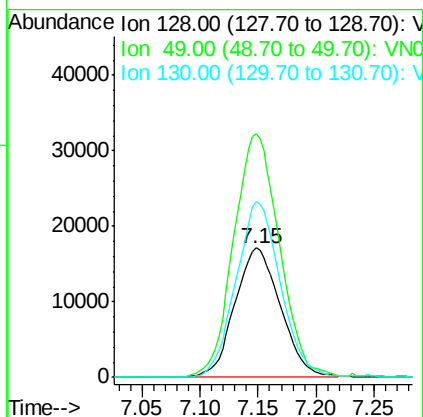
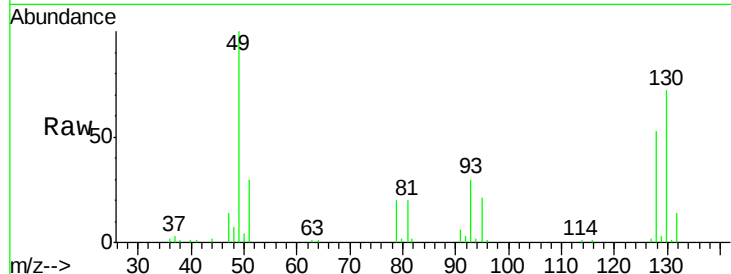




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN064519.D
 Acq: 10 Nov 2020 12:21

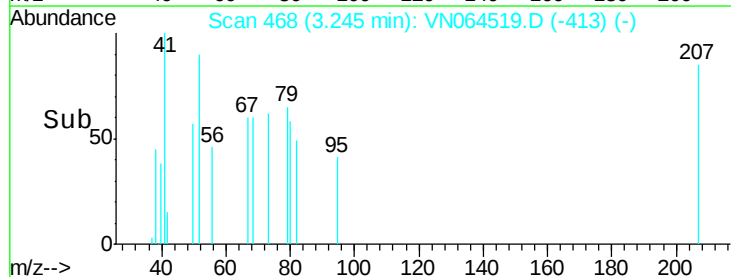
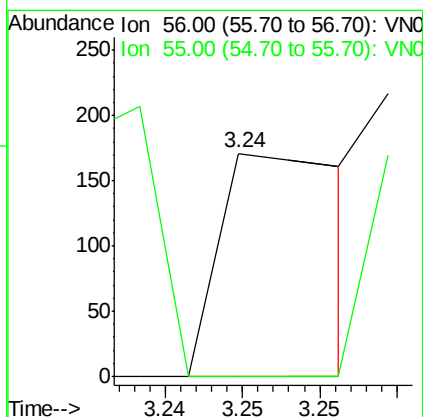
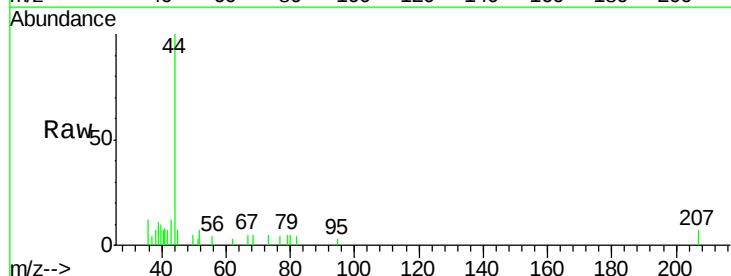
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBL01

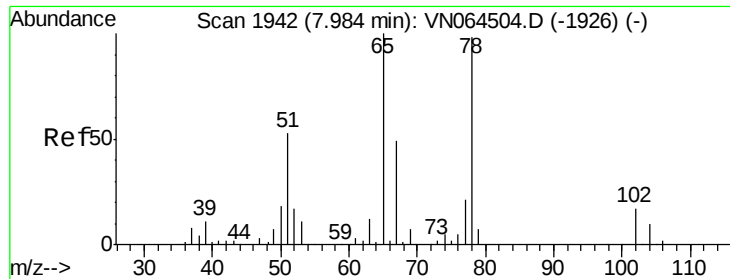
Tot Ion:128 Resp: 46905
 Ion Ratio Lower Upper
 128 100
 49 188.3 0.0 475.5
 130 132.0 0.0 315.3



#13
 Acrolein
 Concen: 0.307 ug/l
 RT: 3.24 min Scan# 468
 Delta R.T. -0.32 min
 Lab File: VN064519.D
 Acq: 10 Nov 2020 12:21

Tgt Ion: 56 Resp: 96
 Ion Ratio Lower Upper
 56 100
 55 80.2 58.2 87.2

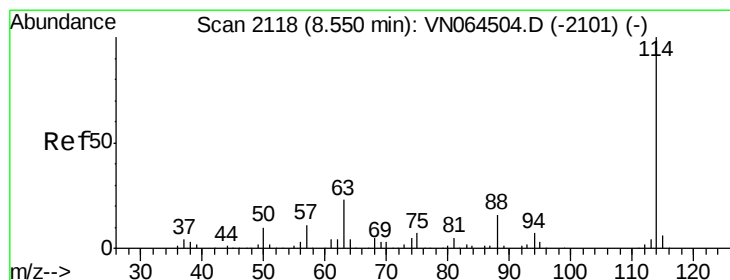
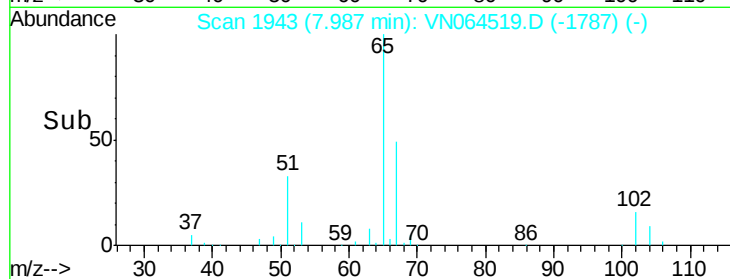
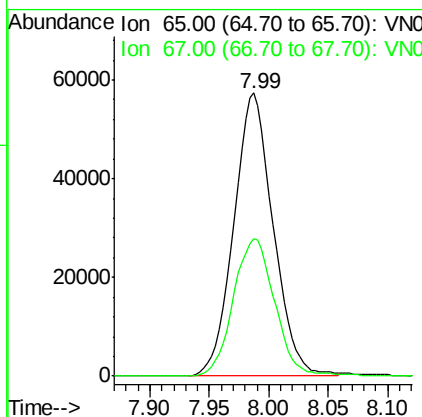
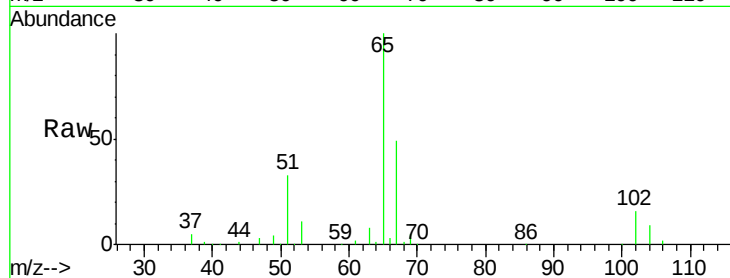




#27
 1,2-Dichloroethane-d4
 Concen: 31.734 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064519.D
 Acq: 10 Nov 2020 12:21

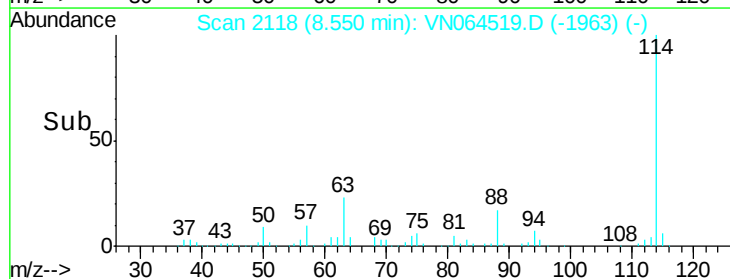
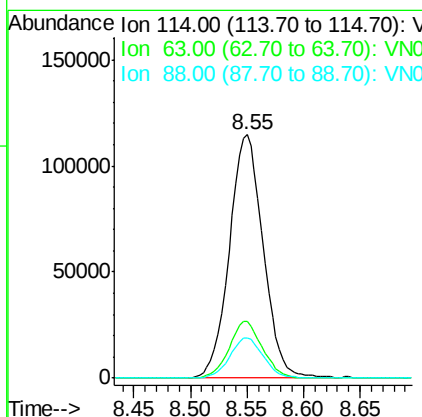
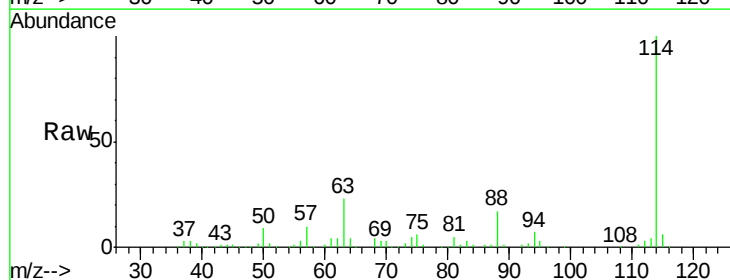
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBL01

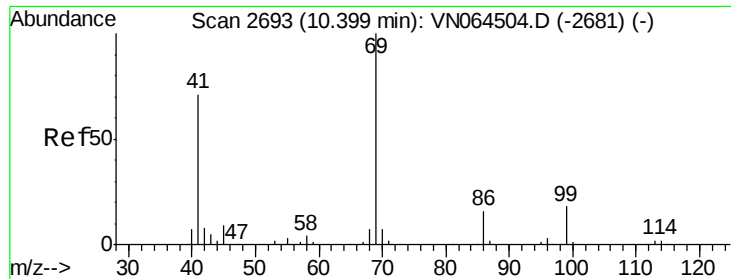
Tot Ion: 65 Resp: 131770
 Ion Ratio Lower Upper
 65 100
 67 50.2 41.1 61.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064519.D
 Acq: 10 Nov 2020 12:21

Tgt Ion: 114 Resp: 238793
 Ion Ratio Lower Upper
 114 100
 63 22.9 18.5 27.7
 88 16.3 13.0 19.6





#51

Ethyl methacrylate

Concen: 0.272 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.34 min

Lab File: VN064519.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_N

ClientSampled :

VN1110WBL01

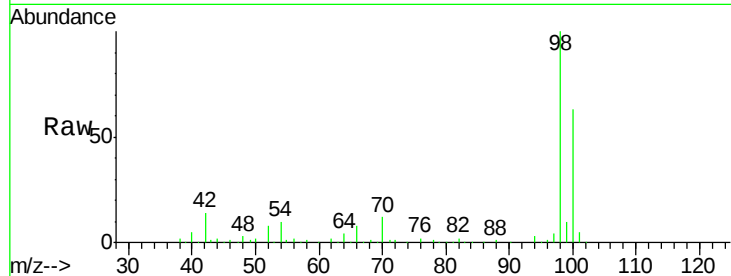
Tot Ion: 69 Resp: 1161

Ion Ratio Lower Upper

69 100

41 58.5 35.4 106.1

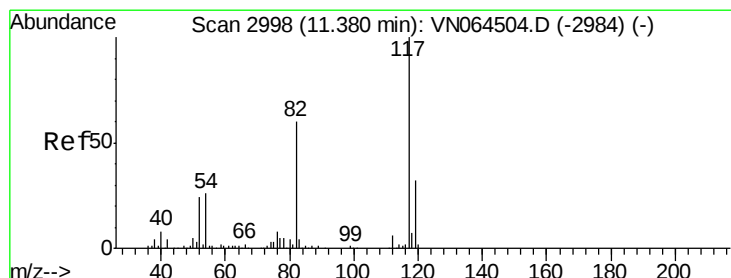
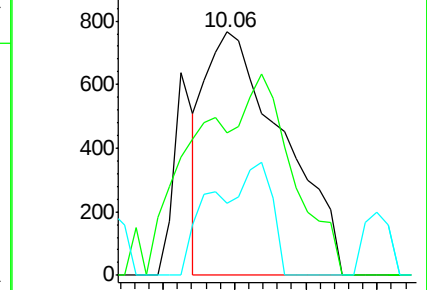
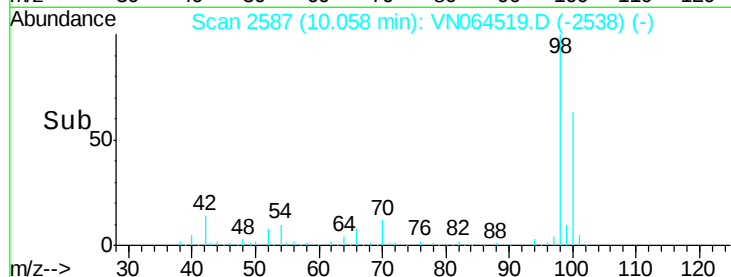
39 29.8 24.1 72.2



Abundance Ion 69.00 (68.70 to 69.70): VN064519.D (-2538) (-)

Ion 41.00 (40.70 to 41.70): VN064519.D (-2538) (-)

Ion 39.00 (38.70 to 39.70): VN064519.D (-2538) (-)



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064519.D

Acq: 10 Nov 2020 12:21

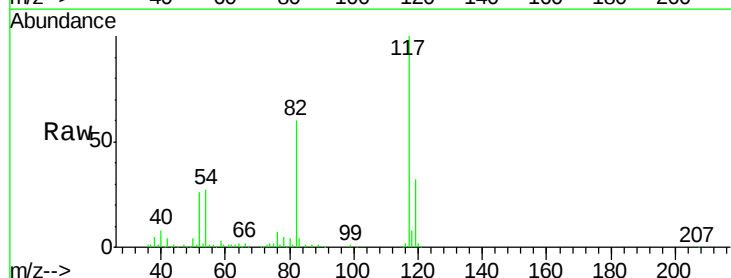
Tgt Ion: 117 Resp: 207061

Ion Ratio Lower Upper

117 100

82 61.0 47.8 71.8

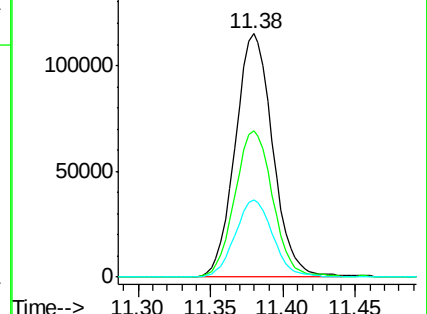
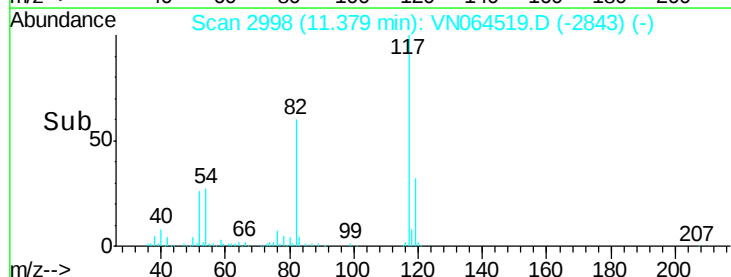
119 31.9 25.7 38.5

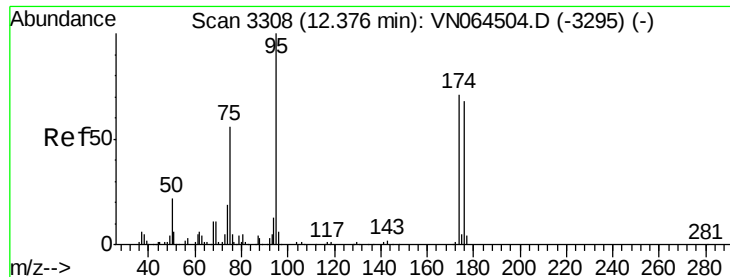


Abundance Ion 117.00 (116.70 to 117.70): VN064519.D (-2843) (-)

Ion 82.00 (81.70 to 82.70): VN064519.D (-2843) (-)

Ion 119.00 (118.70 to 119.70): VN064519.D (-2843) (-)

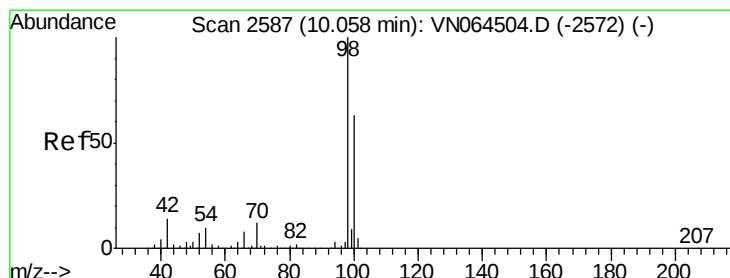
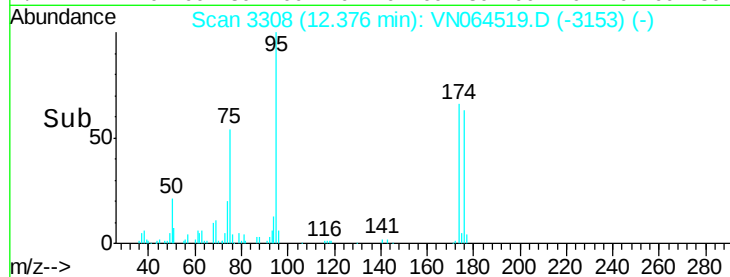
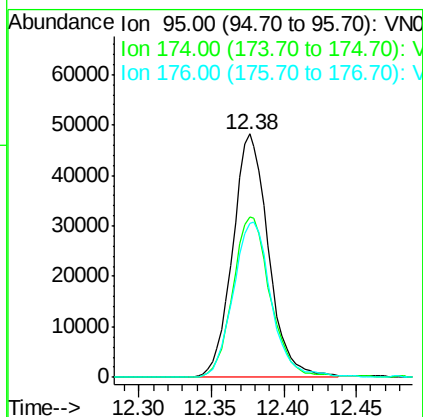
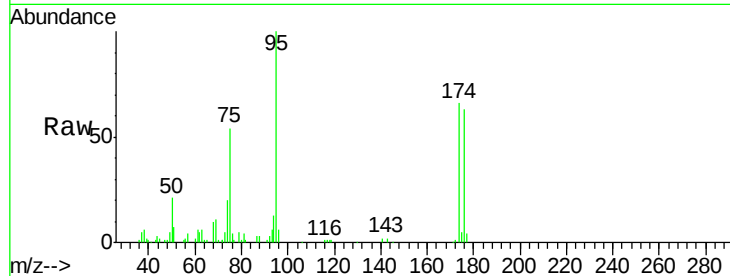




#60
4-Bromofluorobenzene
Concen: 23.365 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064519.D
Acq: 10 Nov 2020 12:21

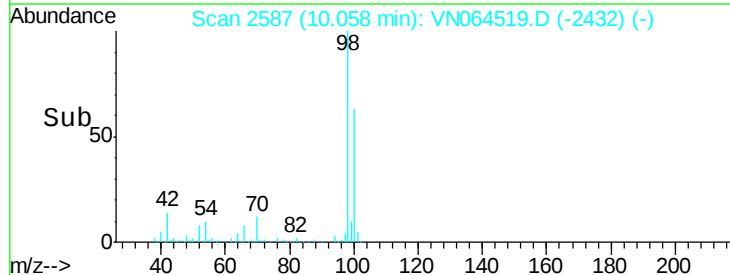
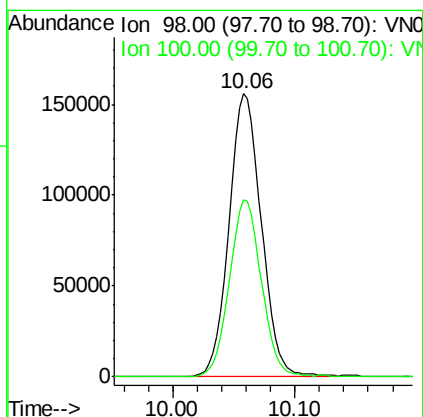
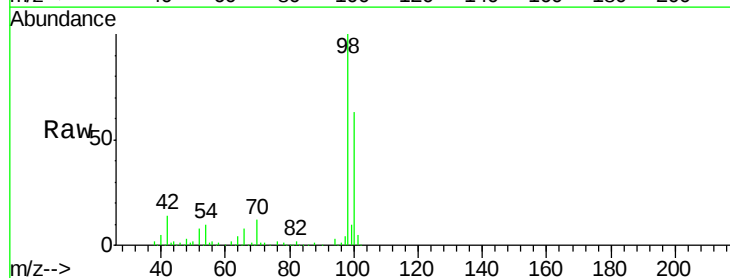
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBL01

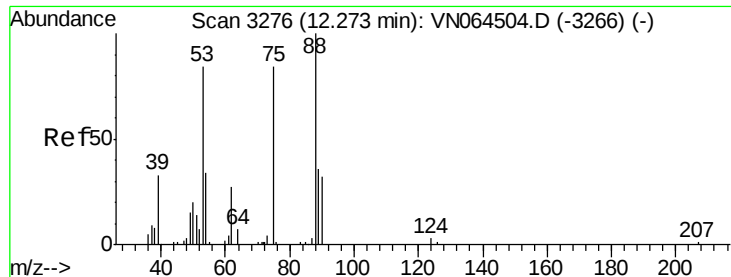
Tot Ion: 95 Resp: 82877
Ion Ratio Lower Upper
95 100
174 68.6 56.4 84.6
176 67.2 53.3 79.9



#63
Toluene-d8
Concen: 29.865 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064519.D
Acq: 10 Nov 2020 12:21

Tgt Ion: 98 Resp: 288395
Ion Ratio Lower Upper
98 100
100 61.8 49.4 74.2





#77

t-1,4-Dichloro-2-butene

Concen: 32.833 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064519.D

Acq: 10 Nov 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBL01

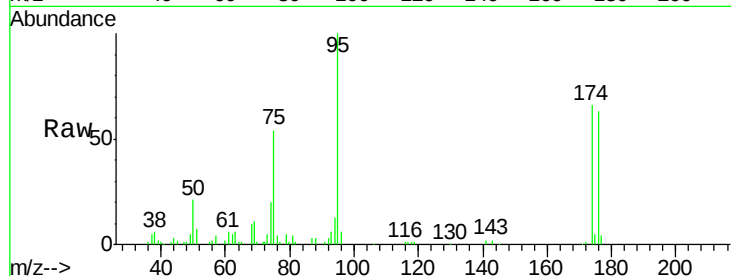
Tot Ion: 75 Resp: 45871

Ion Ratio Lower Upper

75 100

53 0.0 50.3 150.9#

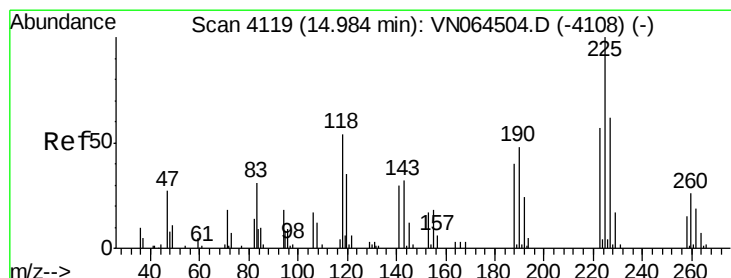
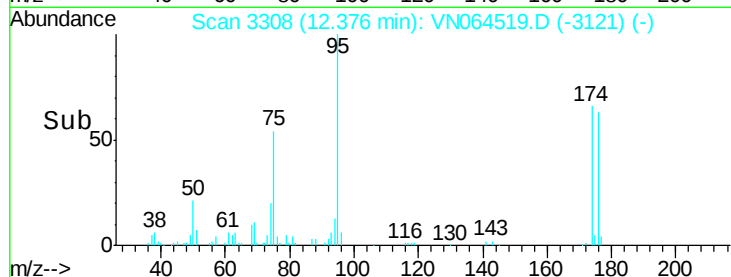
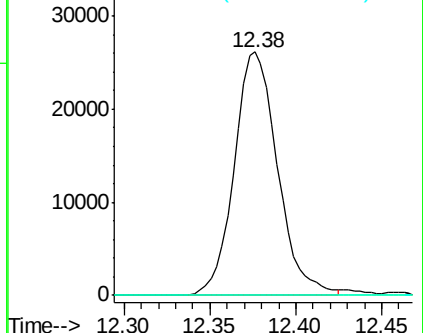
89 0.0 23.3 69.8#



Abundance Ion 75.00 (74.70 to 75.70): VN064519.D (-3308) (-)

Ion 53.00 (52.70 to 53.70): VN064519.D (-3308) (-)

Ion 89.00 (88.70 to 89.70): VN064519.D (-3308) (-)



#90

Hexachlorobutadiene

Concen: 0.357 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN064519.D

Acq: 10 Nov 2020 12:21

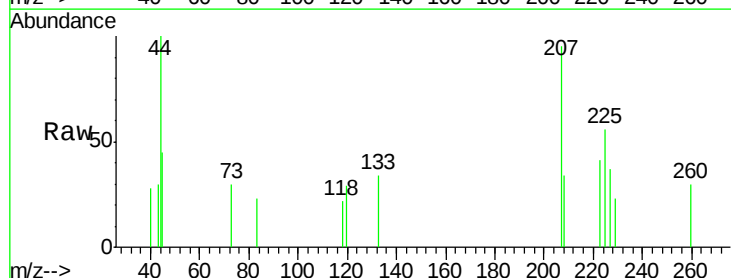
Tgt Ion: 225 Resp: 410

Ion Ratio Lower Upper

225 100

223 53.9 0.0 125.4

227 42.4 0.0 122.0



Abundance Ion 225.00 (224.70 to 225.70): VN064519.D (-4118) (-)

Ion 223.00 (222.70 to 223.70): VN064519.D (-4118) (-)

Ion 227.00 (226.70 to 227.70): VN064519.D (-4118) (-)

