

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\
 Data File : VN064311.D
 Acq On : 26 Oct 2020 19:28
 Operator : JC/MD
 Sample : VN1026WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBL01

Quant Time: Oct 27 02:36:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 17:44:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	49892	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	278953	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	251773	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	142789	31.81	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.03%
60) 4-Bromofluorobenzene	12.38	95	123753	27.48	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.60%
63) Toluene-d8	10.06	98	336264	29.95	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.83%

Target Compounds

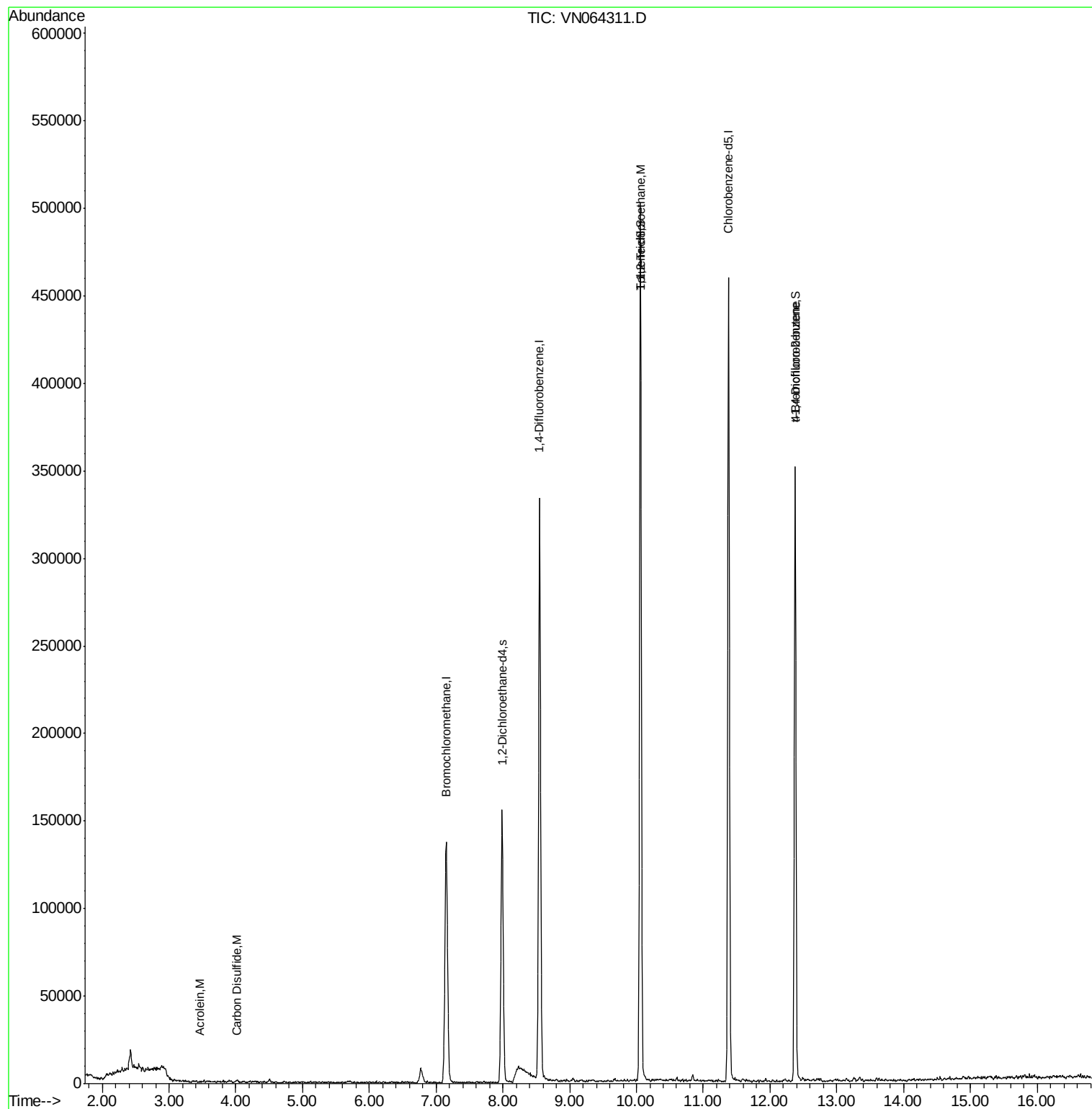
					Ovalue
13) Acrolein	3.47	56	137	0.618 ug/l	85
16) Carbon Disulfide	4.02	76	2276	0.274 ug/l #	76
50) 1,1,2-Trichloroethane	10.07	97	11069	3.414 ug/l #	1
77) t-1,4-Dichloro-2-butene	12.38	75	69927	40.665 ug/l #	9

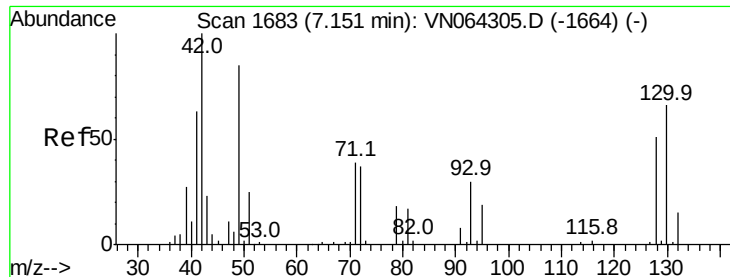
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064311.D

Acq: 26 Oct 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBL01

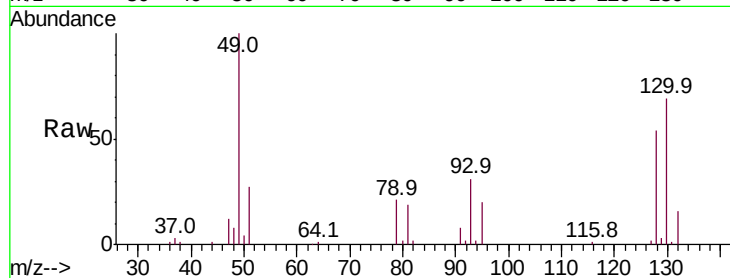
Tot Ion:128 Resp: 49892

Ion Ratio Lower Upper

128 100

49 177.3 0.0 439.5

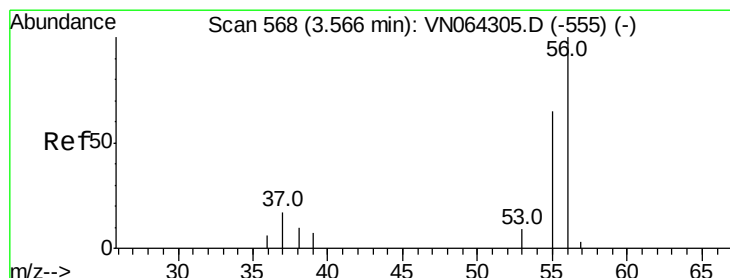
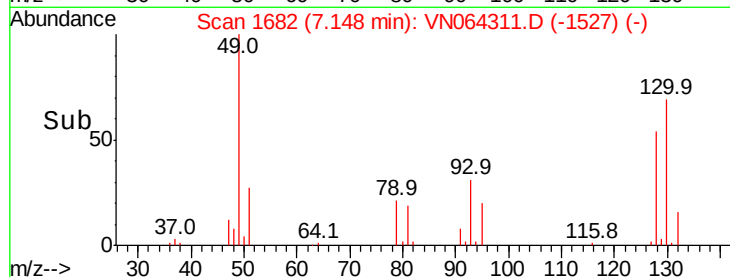
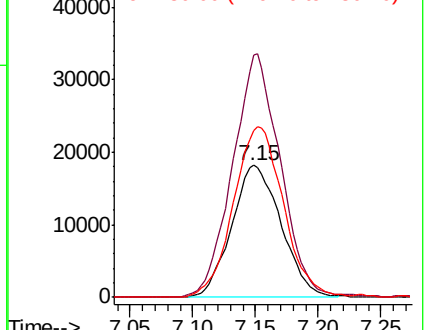
130 130.6 0.0 323.8



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: 0.618 ug/l

RT: 3.47 min Scan# 538

Delta R.T. -0.10 min

Lab File: VN064311.D

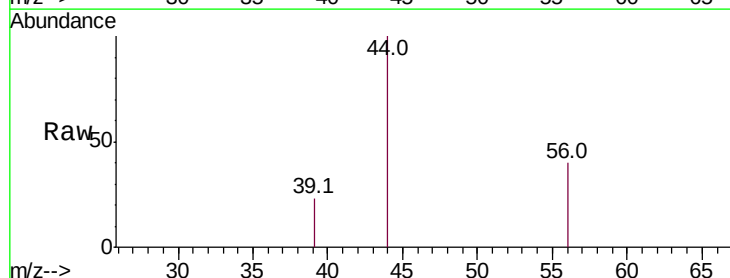
Acq: 26 Oct 2020 19:28

Tgt Ion: 56 Resp: 137

Ion Ratio Lower Upper

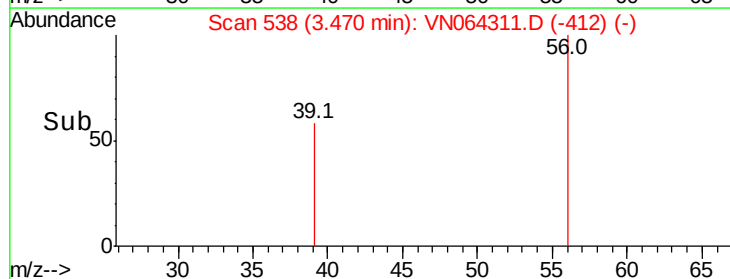
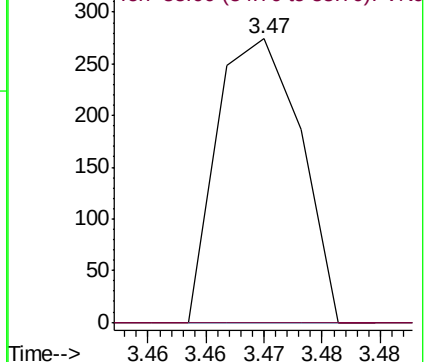
56 100

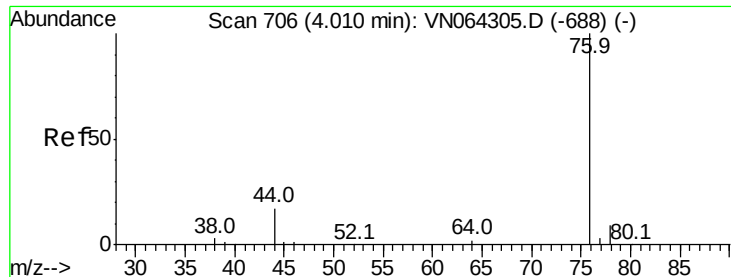
55 81.8 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

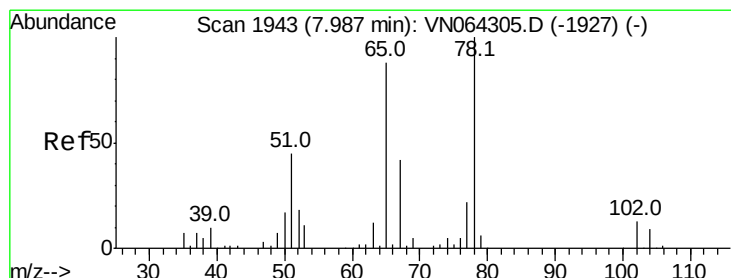
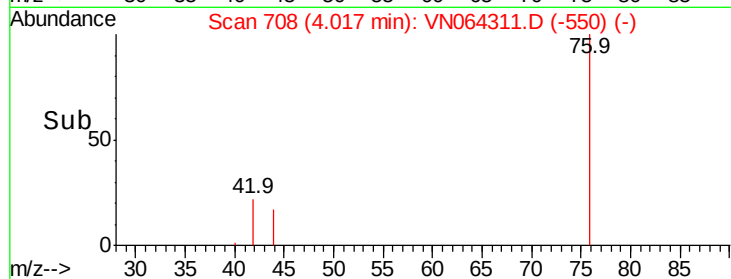
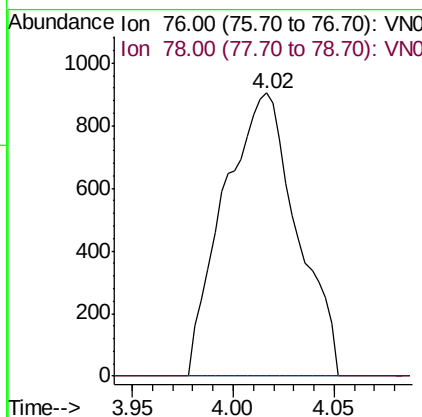
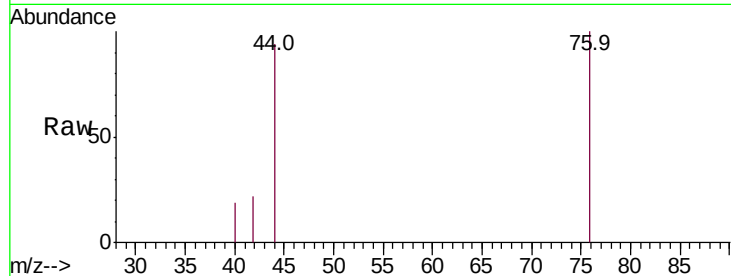




#16
Carbon Disulfide
Concen: 0.274 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.01 min
Lab File: VN064311.D
Acq: 26 Oct 2020 19:28

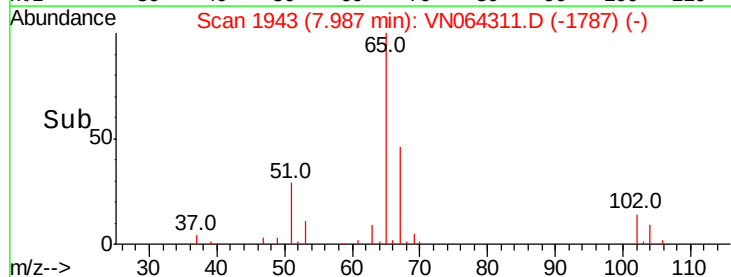
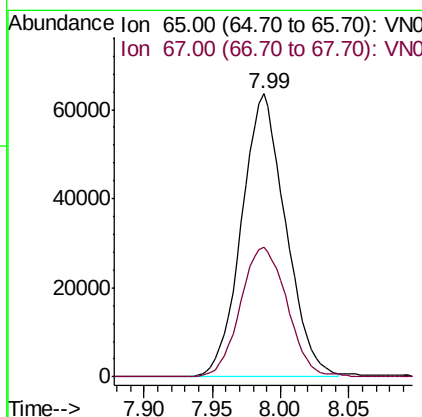
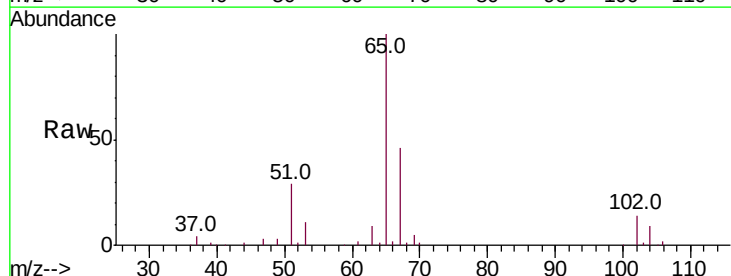
Instrument :
MSVOA_N
ClientSampled :
VN1026WBL01

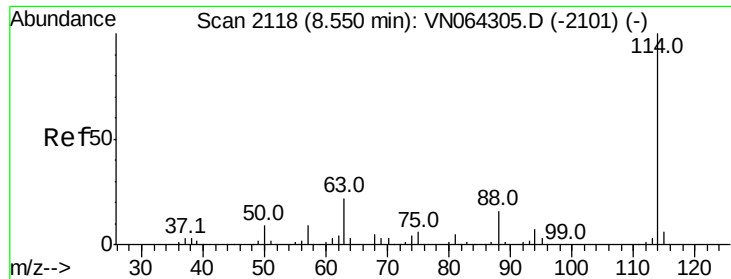
Tot Ion: 76 Resp: 2276
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#27
1,2-Dichloroethane-d4
Concen: 31.811 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064311.D
Acq: 26 Oct 2020 19:28

Tgt Ion: 65 Resp: 142789
Ion Ratio Lower Upper
65 100
67 48.4 38.5 57.7

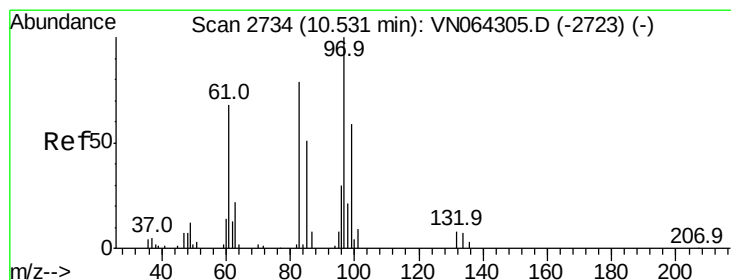
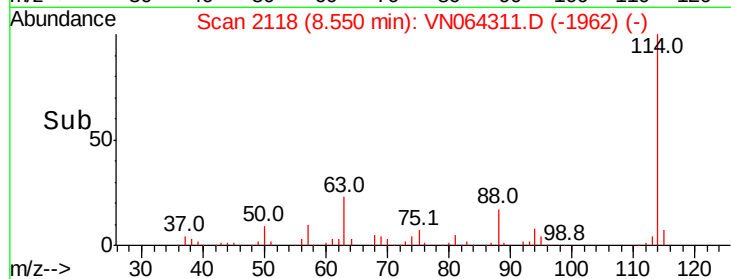
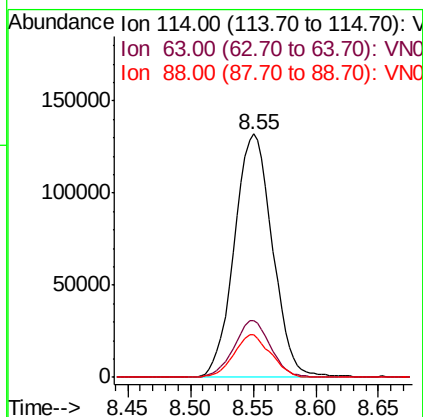
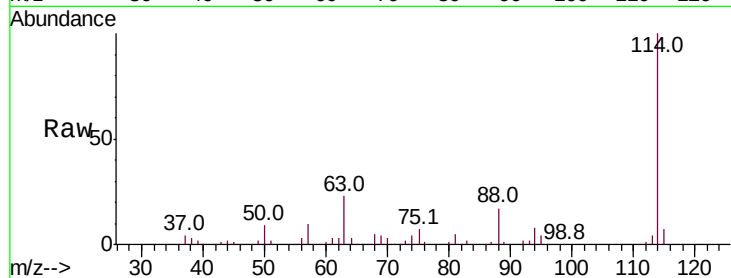




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064311.D
 Acq: 26 Oct 2020 19:28

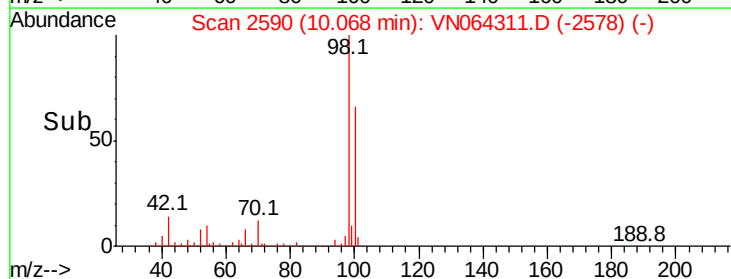
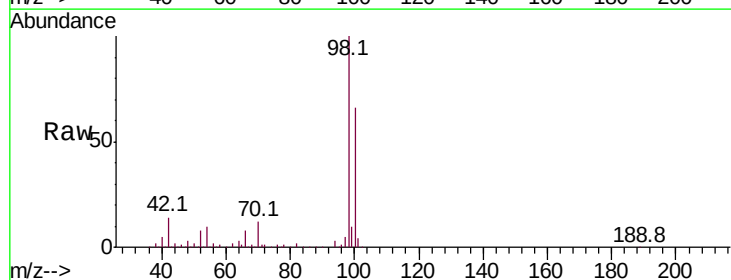
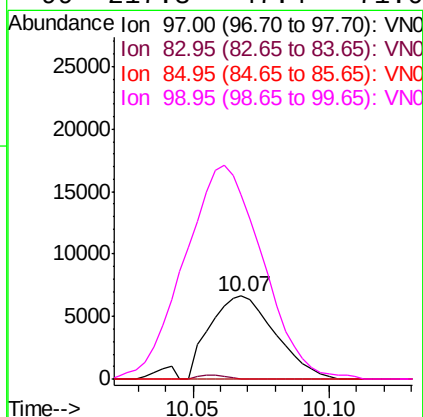
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBL01

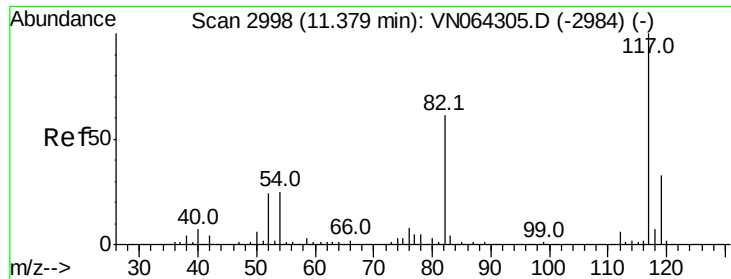
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	18.3	27.5
88	17.0	13.2	19.8



#50
 1,1,2-Trichloroethane
 Concen: 3.414 ug/l
 RT: 10.07 min Scan# 2590
 Delta R.T. -0.46 min
 Lab File: VN064311.D
 Acq: 26 Oct 2020 19:28

Tgt Ion	Ratio	Lower	Upper
97	100		
83	0.0	63.2	94.8#
85	0.0	41.0	61.6#
99	217.3	47.4	71.0#

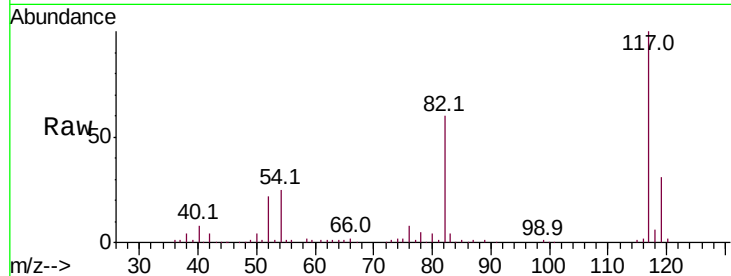




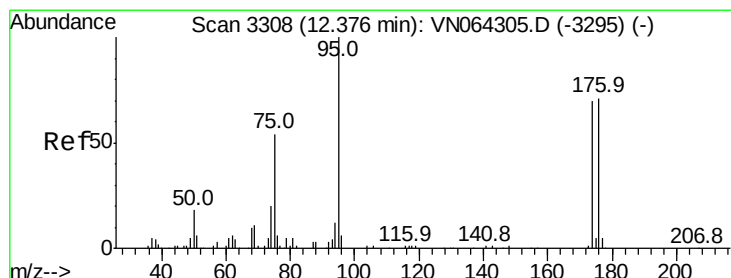
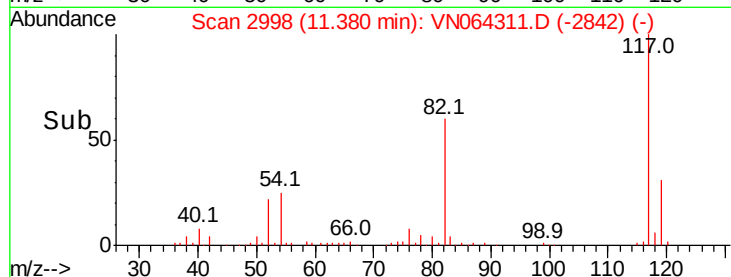
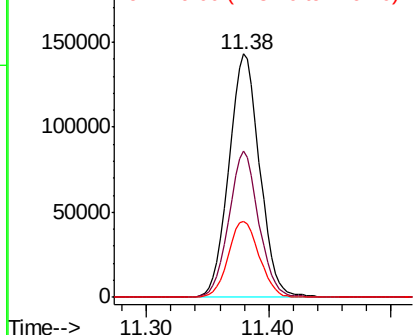
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064311.D
Acq: 26 Oct 2020 19:28

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBL01

Tot Ion:117 Resp: 251773
Ion Ratio Lower Upper
117 100
82 58.2 48.7 73.1
119 31.5 25.1 37.7

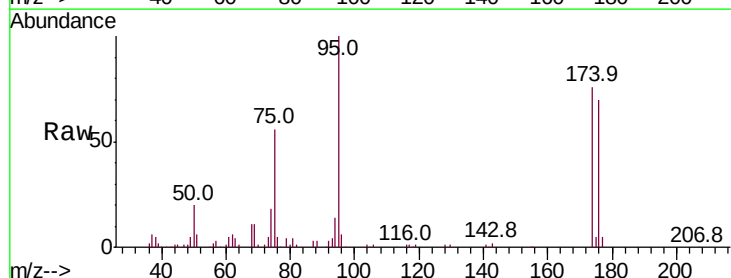


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

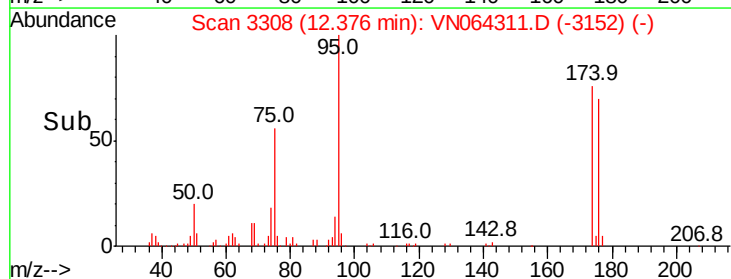
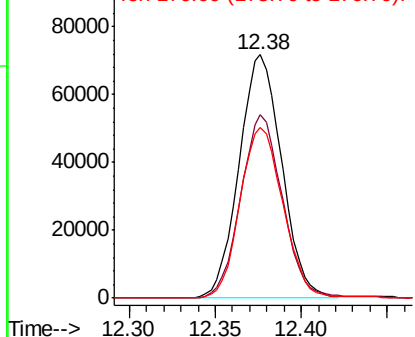


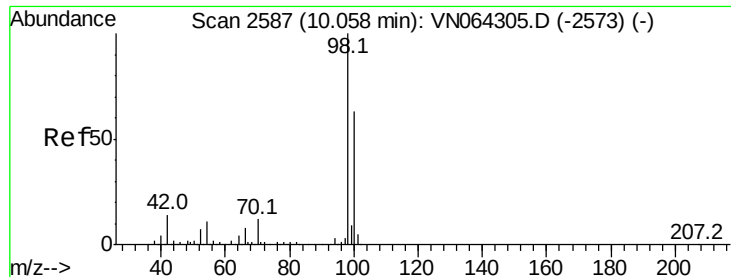
#60
4-Bromofluorobenzene
Concen: 27.476 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064311.D
Acq: 26 Oct 2020 19:28

Tgt Ion: 95 Resp: 123753
Ion Ratio Lower Upper
95 100
174 73.6 57.6 86.4
176 70.5 55.5 83.3



Abundance Ion 95.00 (94.70 to 95.70): V
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#63

Toluene-d8

Concen: 29.949 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064311.D

Acq: 26 Oct 2020 19:28

Instrument :

MSVOA_N

ClientSampleId :

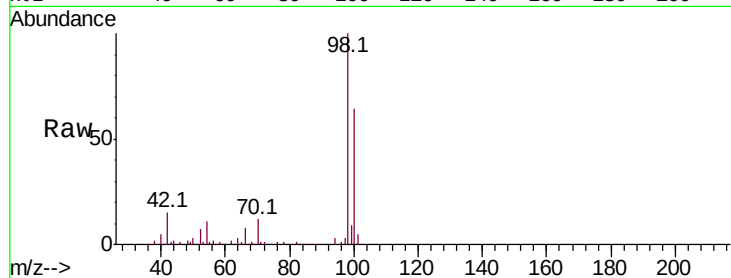
VN1026WBL01

Tot Ion: 98 Resp: 336264

Ion Ratio Lower Upper

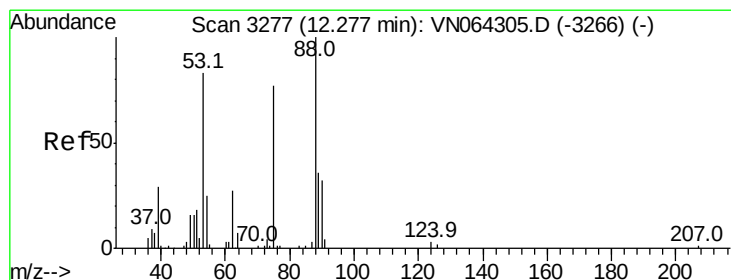
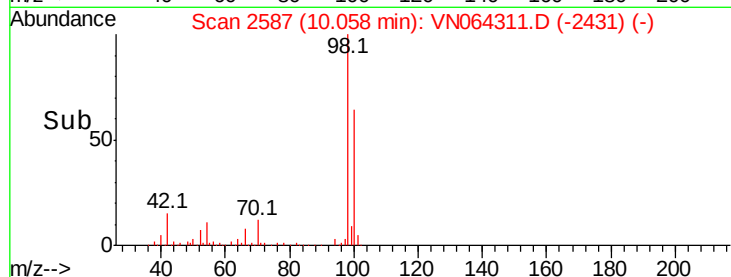
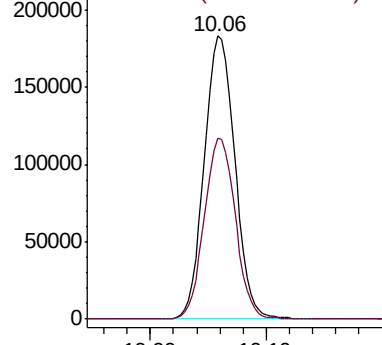
98 100

100 64.5 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#77

t-1,4-Dichloro-2-butene

Concen: 40.665 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064311.D

Acq: 26 Oct 2020 19:28

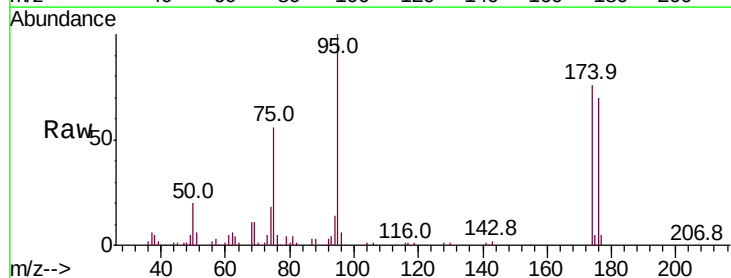
Tgt Ion: 75 Resp: 69927

Ion Ratio Lower Upper

75 100

53 0.0 51.0 153.0#

89 0.0 24.8 74.3#



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

