

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064256.D
 Acq On : 22 Oct 2020 17:43
 Operator : JC/MD
 Sample : VN1022WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBL02

Quant Time: Oct 23 01:05:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 22 16:07:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	46271	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	260582	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	226901	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	127851	33.75	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.50%#
60) 4-Bromofluorobenzene	12.38	95	119826	29.47	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.23%
63) Toluene-d8	10.06	98	306782	29.86	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.53%

Target Compounds

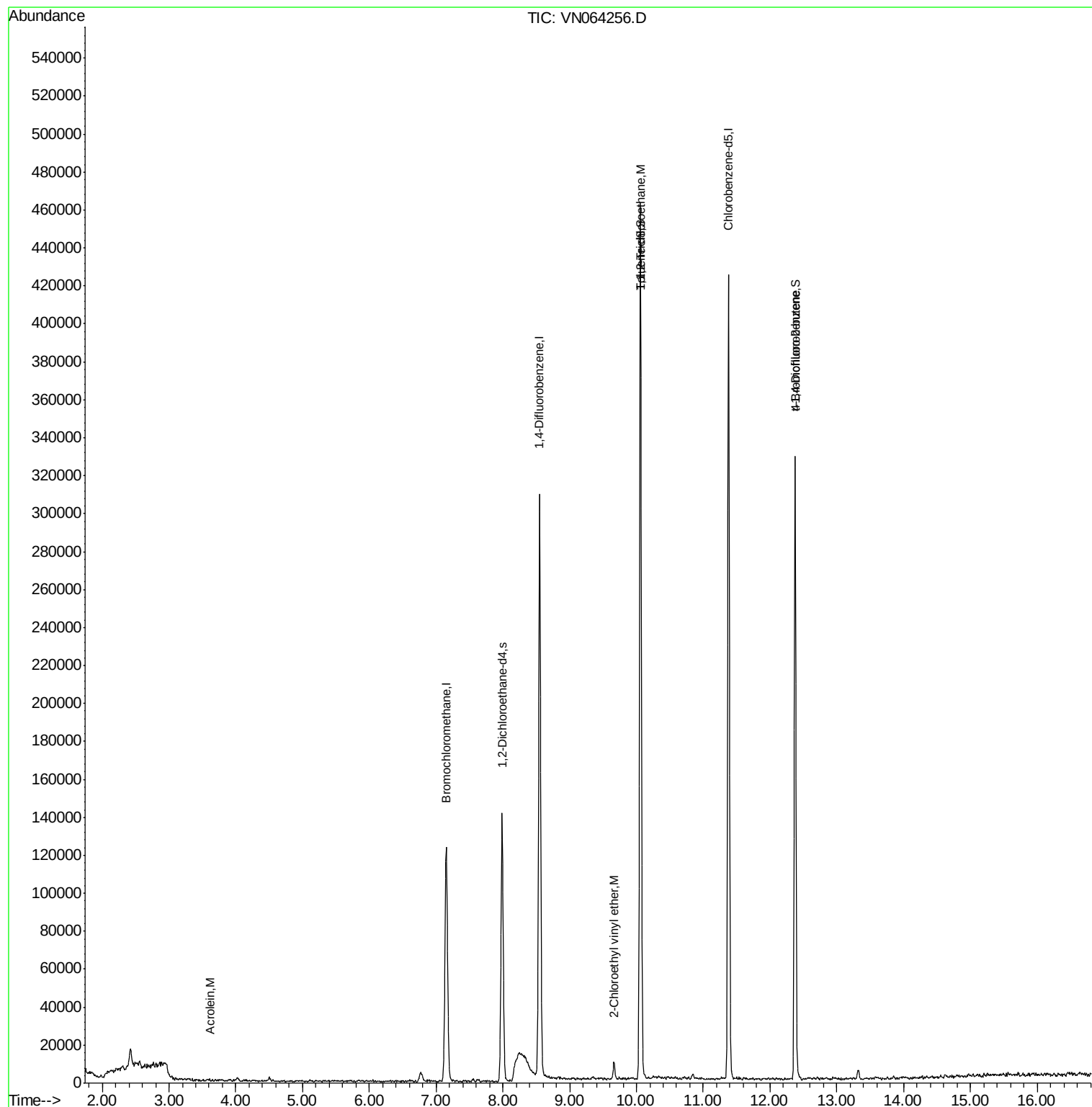
					Ovalue	
13) Acrolein	3.61	56	91	0.299	ug/l #	1
50) 1,1,2-Trichloroethane	10.07	97	11084	3.698	ug/l #	1
55) 2-Chloroethyl vinyl ether	9.66	63	3381	1.451	ug/l	93
77) t-1,4-Dichloro-2-butene	12.38	75	63407	39.897	ug/l #	8

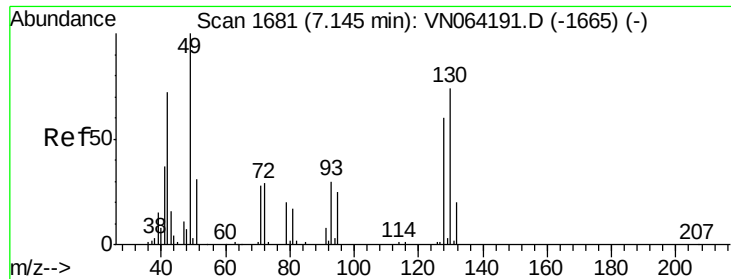
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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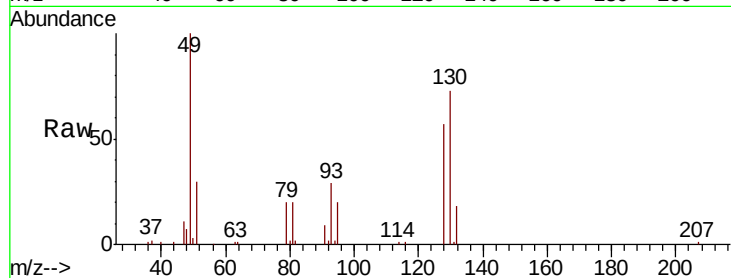




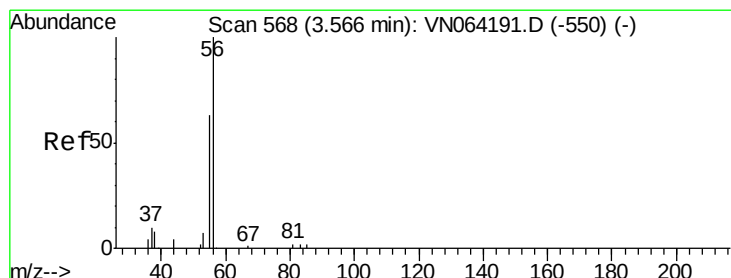
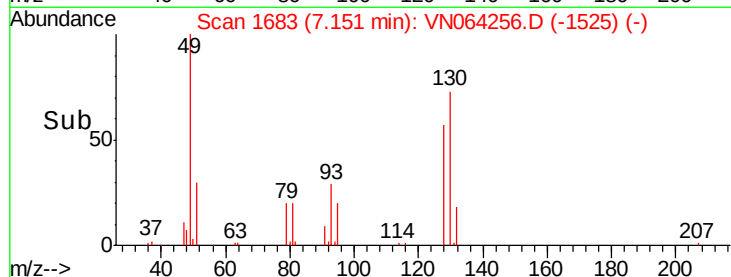
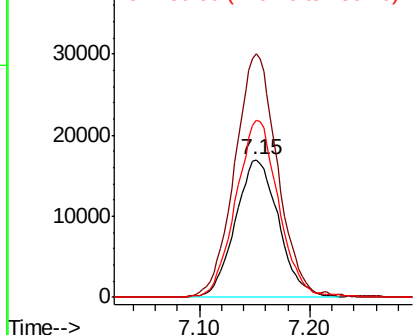
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VN064256.D
Acq: 22 Oct 2020 17:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL02

Tot Ion:128 Resp: 46271
Ion Ratio Lower Upper
128 100
49 172.9 0.0 433.3
130 123.1 0.0 322.5

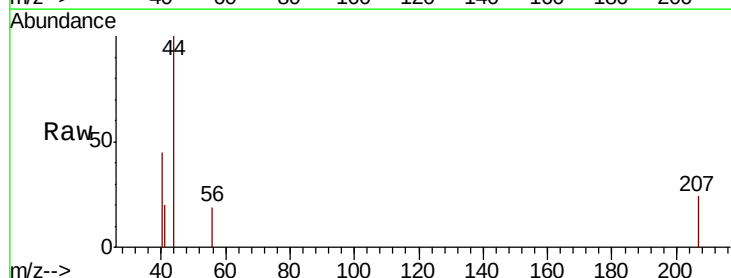


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

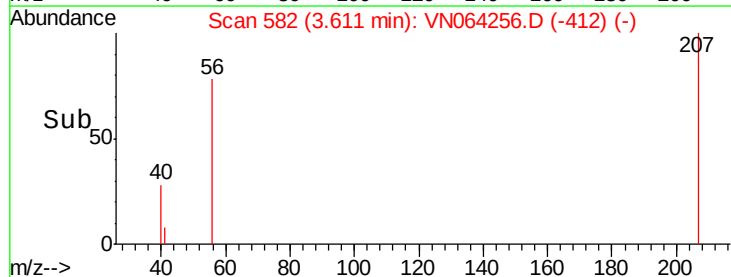
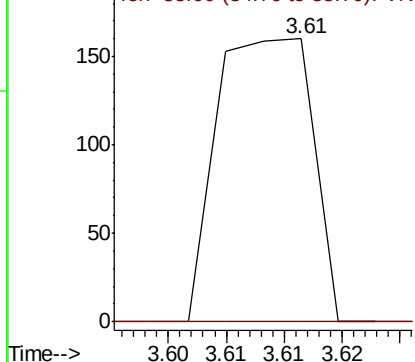


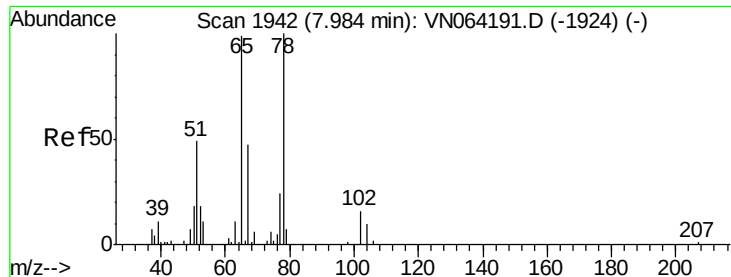
#13
Acrolein
Concen: 0.299 ug/l
RT: 3.61 min Scan# 582
Delta R.T. 0.05 min
Lab File: VN064256.D
Acq: 22 Oct 2020 17:43

Tgt Ion: 56 Resp: 91
Ion Ratio Lower Upper
56 100
55 83.5 0.5 0.7#



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

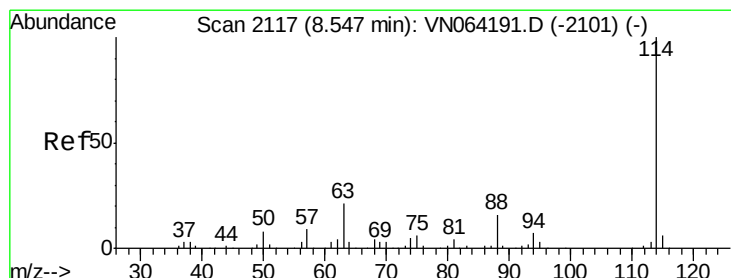
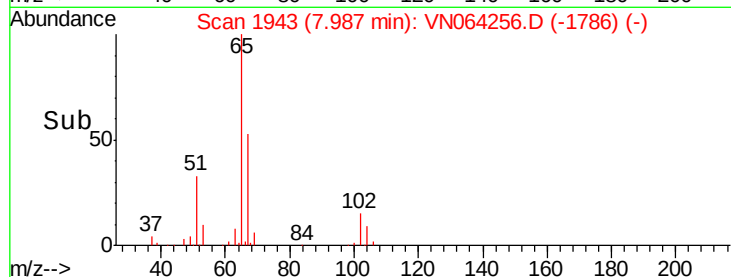
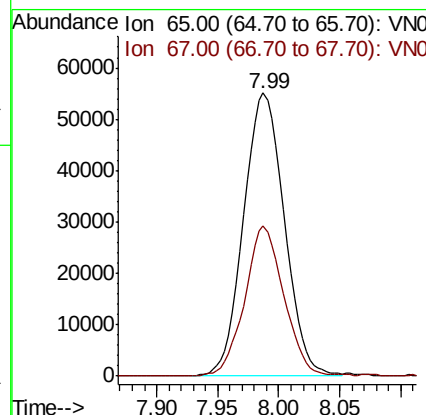
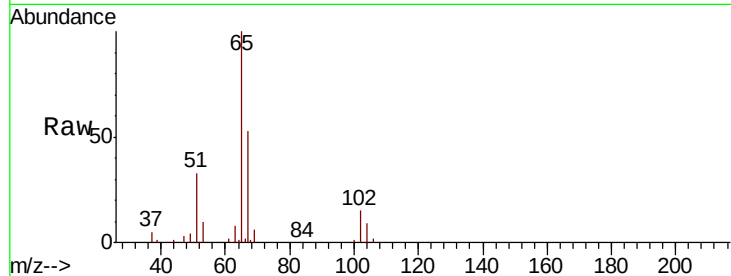




#27
 1,2-Dichloroethane-d4
 Concen: 33.749 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064256.D
 Acq: 22 Oct 2020 17:43

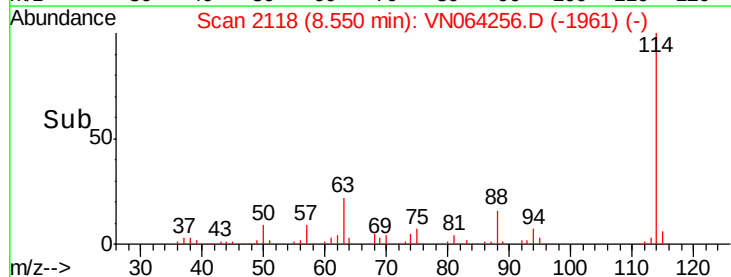
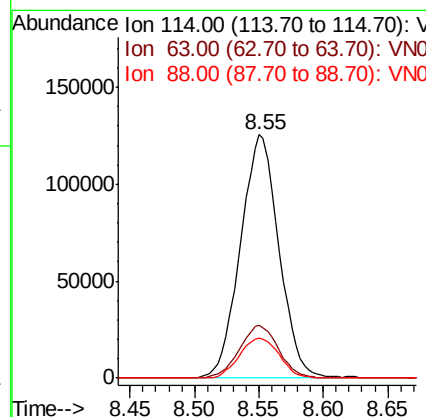
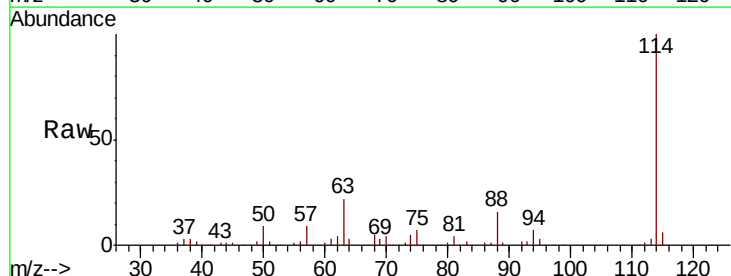
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBL02

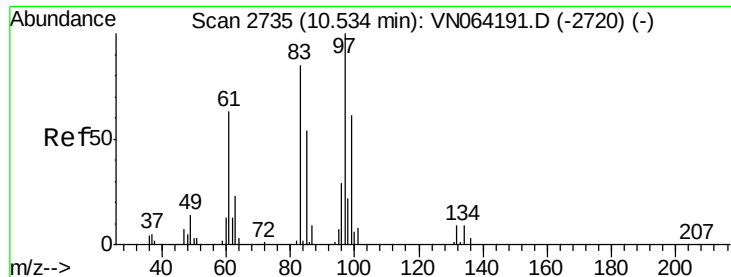
Tot Ion: 65 Resp: 127851
 Ion Ratio Lower Upper
 65 100
 67 50.4 39.8 59.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064256.D
 Acq: 22 Oct 2020 17:43

Tgt Ion: 114 Resp: 260582
 Ion Ratio Lower Upper
 114 100
 63 21.9 17.0 25.4
 88 17.2 13.0 19.4

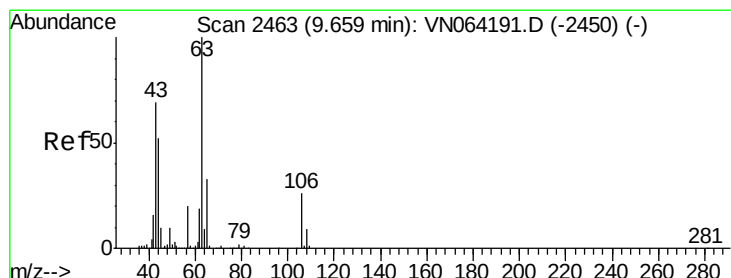
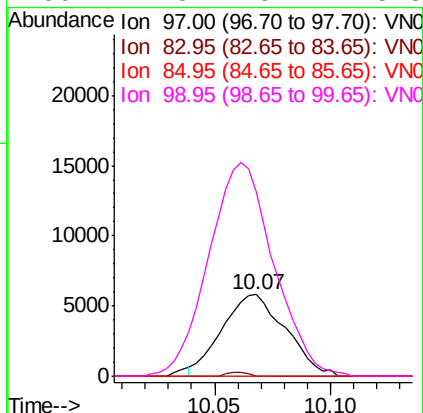
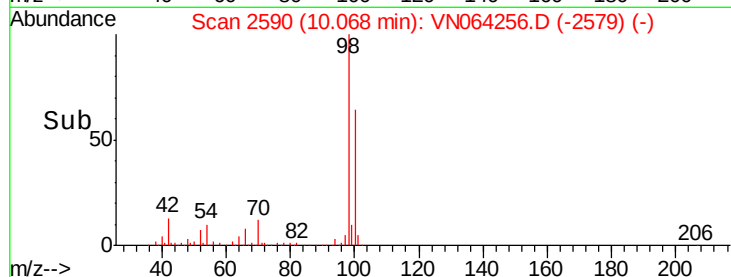
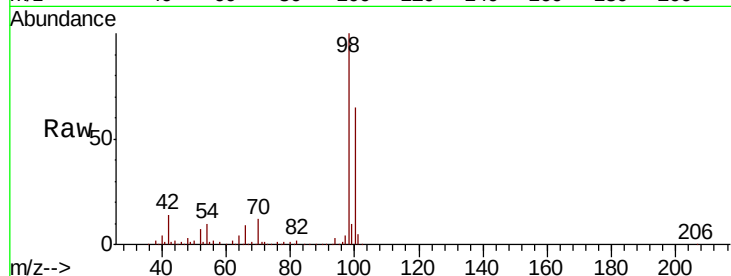




#50
 1,1,2-Trichloroethane
 Concen: 3.698 ug/l
 RT: 10.07 min Scan# 2590
 Delta R.T. -0.47 min
 Lab File: VN064256.D
 Acq: 22 Oct 2020 17:43

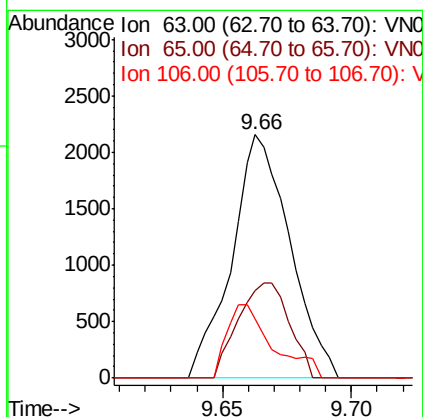
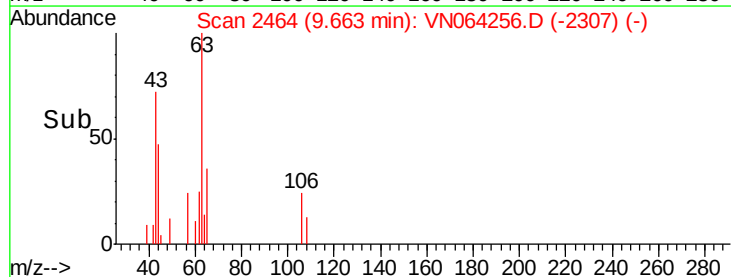
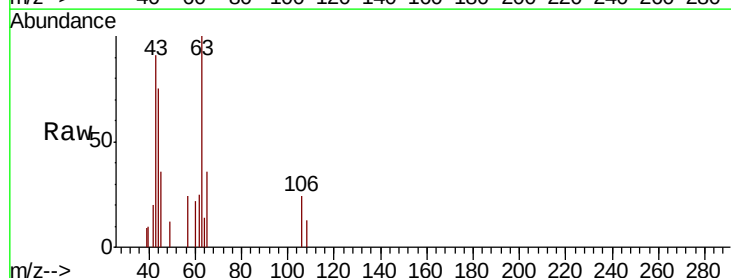
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBL02

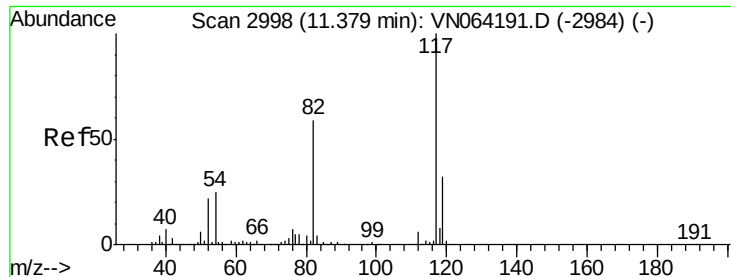
Tot Ion	97	Resp	11084
Ion Ratio	100	Lower	Upper
83	0.0	67.7	101.5#
85	0.0	43.2	64.8#
99	221.3	49.2	73.8#



#55
 2-Chloroethyl vinyl ether
 Concen: 1.451 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064256.D
 Acq: 22 Oct 2020 17:43

Tgt Ion	63	Resp	3381
Ion Ratio	100	Lower	Upper
65	34.5	25.9	38.9
106	21.8	21.4	32.2

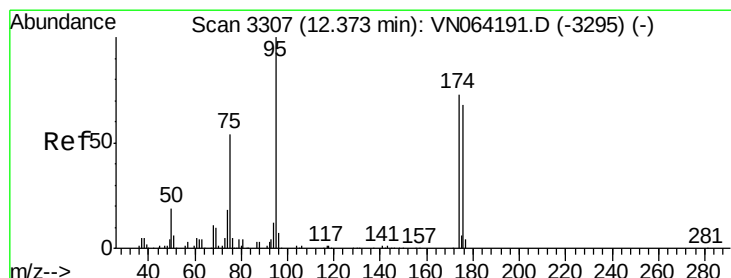
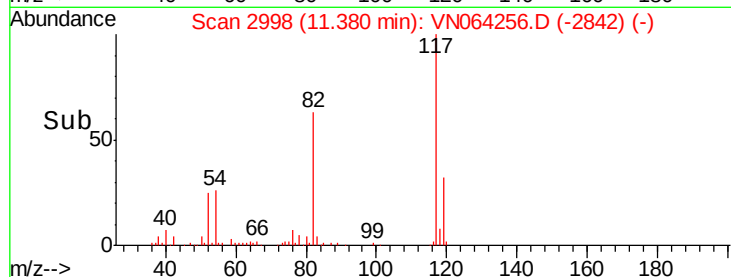
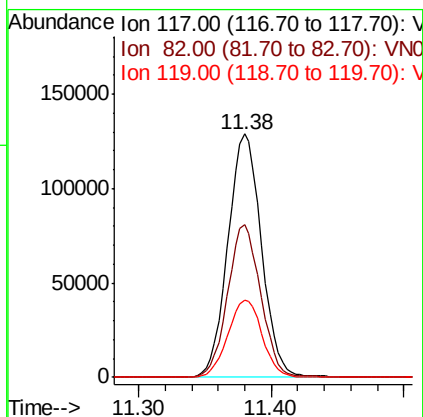
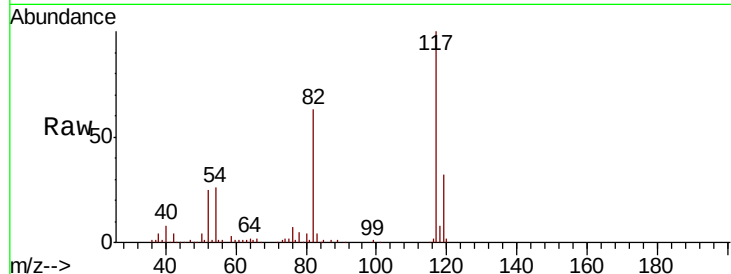




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064256.D
Acq: 22 Oct 2020 17:43

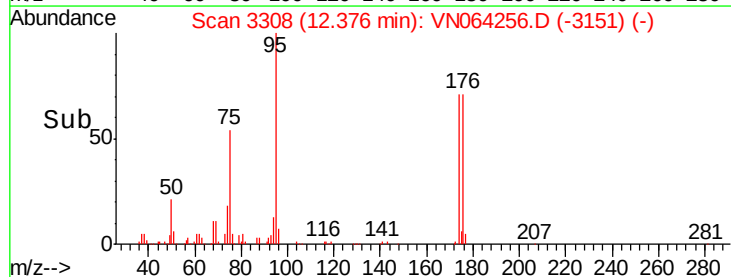
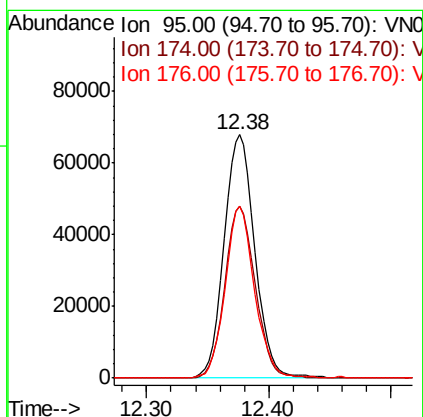
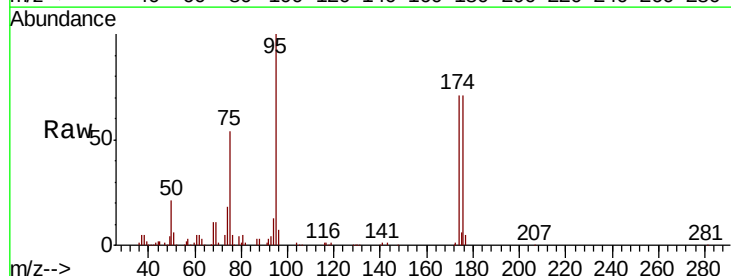
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ClientSampleId :
VN1022WBL02

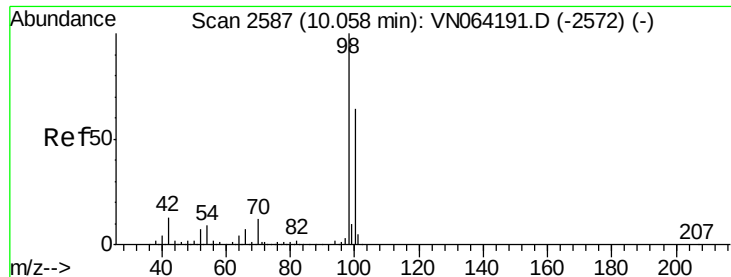
Tot Ion:117 Resp: 226901
Ion Ratio Lower Upper
117 100
82 61.5 47.8 71.8
119 32.3 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 29.469 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064256.D
Acq: 22 Oct 2020 17:43

Tgt Ion: 95 Resp: 119826
Ion Ratio Lower Upper
95 100
174 69.8 57.6 86.4
176 67.8 54.9 82.3





#63

Toluene-d8

Concen: 29.864 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064256.D

Acq: 22 Oct 2020 17:43

Instrument :

MSVOA_N

ClientSampleId :

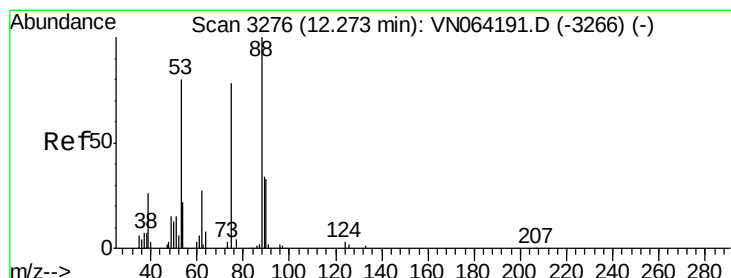
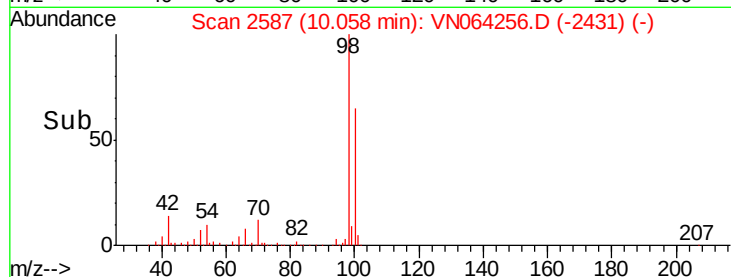
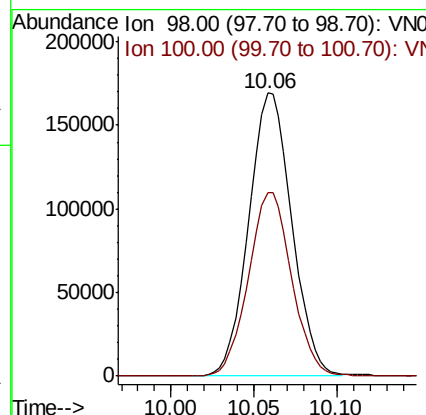
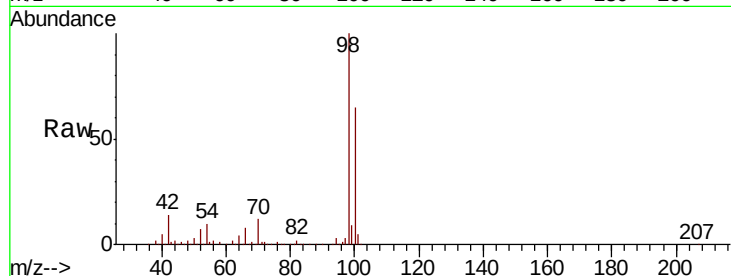
VN1022WBL02

Tot Ion: 98 Resp: 306782

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.2



#77

t-1,4-Dichloro-2-butene

Concen: 39.897 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064256.D

Acq: 22 Oct 2020 17:43

Tgt Ion: 75 Resp: 63407

Ion Ratio Lower Upper

75 100

53 0.0 51.4 154.2#

89 0.0 23.8 71.5#

