

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072020\
 Data File : VN062555.D
 Acq On : 20 Jul 2020 12:02
 Operator : JC/MD
 Sample : VN0720WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBL01

Quant Time: Jul 21 00:53:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	38784	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	208128	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	187478	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	104183	31.27	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.23%
60) 4-Bromofluorobenzene	12.38	95	78726	24.68	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	82.27%
63) Toluene-d8	10.06	98	262379	29.62	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.73%

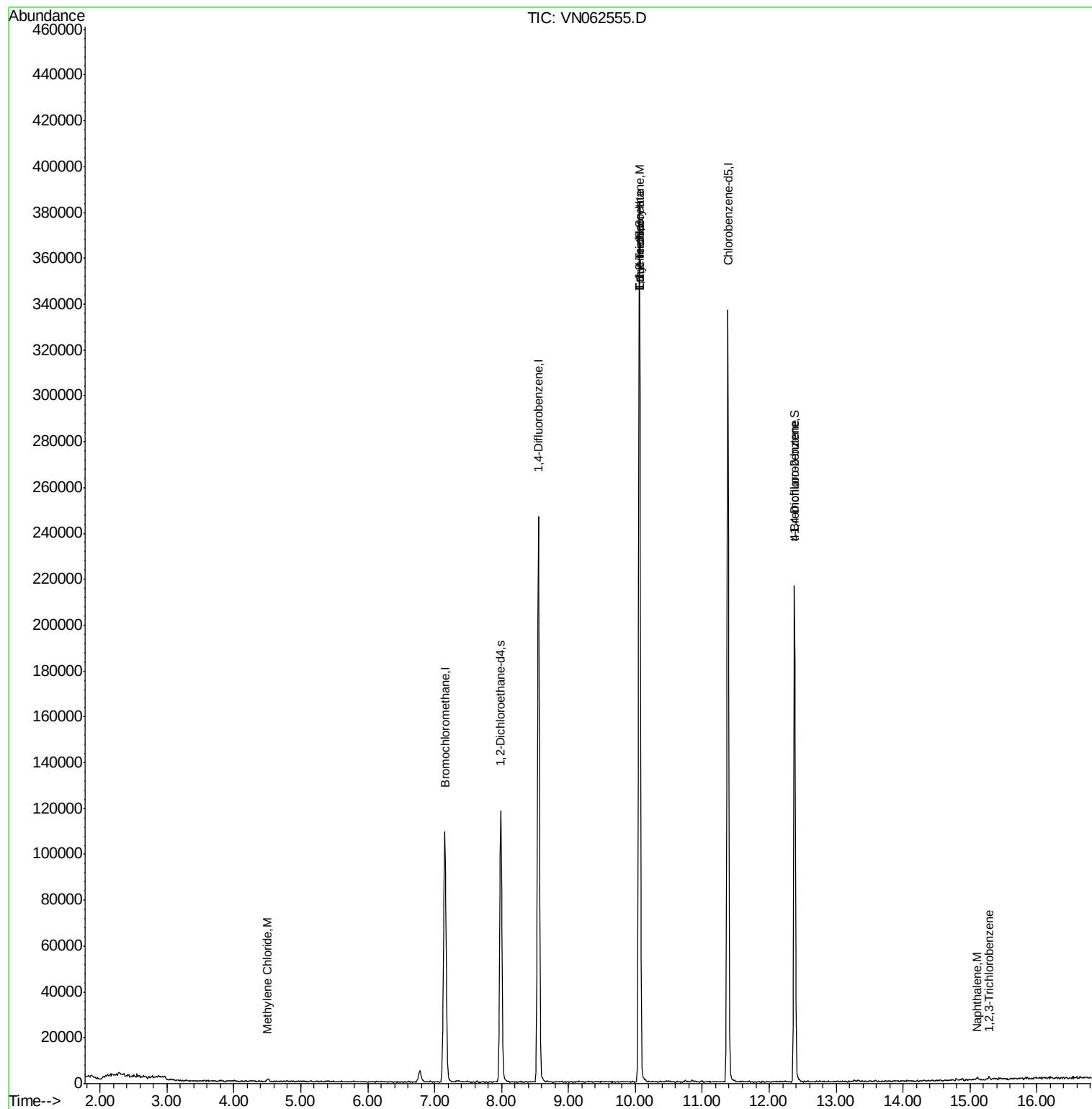
Target Compounds					Ovalue
18) Methylene Chloride	4.51	84	791	0.288 ug/l #	51
50) 1,1,2-Trichloroethane	10.07	97	9365	3.880 ug/l #	1
51) Ethyl methacrylate	10.06	69	1119	0.275 ug/l #	71
77) t-1,4-Dichloro-2-butene	12.38	75	41342	31.928 ug/l #	11
91) Naphthalene	15.11	128	1742	0.303 ug/l #	70
92) 1,2,3-Trichlorobenzene	15.29	180	494	0.231 ug/l #	81

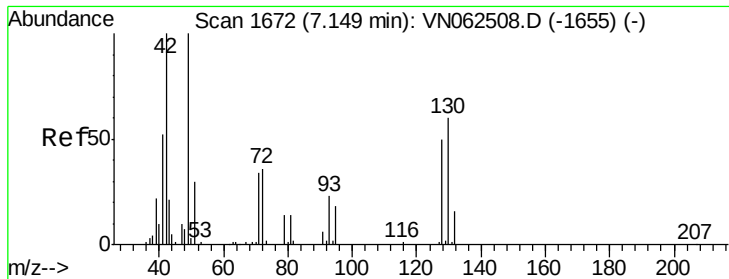
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072020\
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QLast Update : Tue Jul 14 00:52:57 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN062555.D

Acq: 20 Jul 2020 12:02

Instrument :

MSVOA_N

ClientSampled :

VN0720WBL01

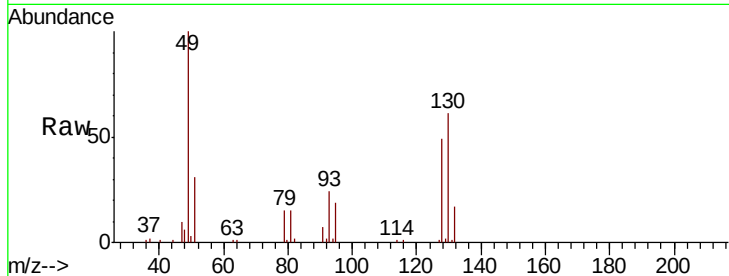
Tot Ion:128 Resp: 38784

Ion Ratio Lower Upper

128 100

49 208.8 0.0 525.0

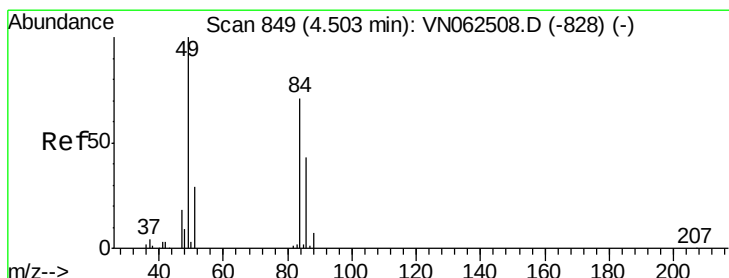
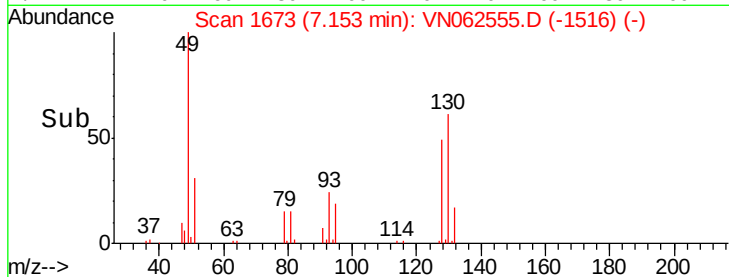
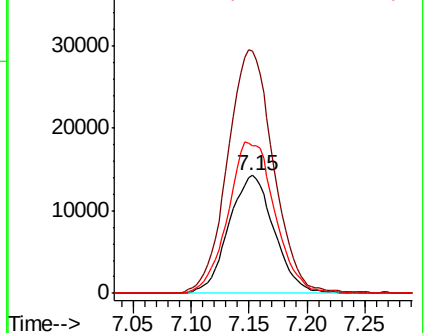
130 71.1 0.0 319.8



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



#18

Methylene Chloride

Concen: 0.288 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN062555.D

Acq: 20 Jul 2020 12:02

Tgt Ion: 84 Resp: 791

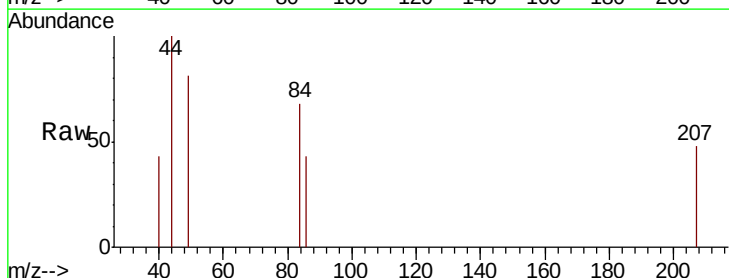
Ion Ratio Lower Upper

84 100

49 63.5 112.1 168.1#

51 0.0 33.0 49.4#

86 63.2 48.2 72.4

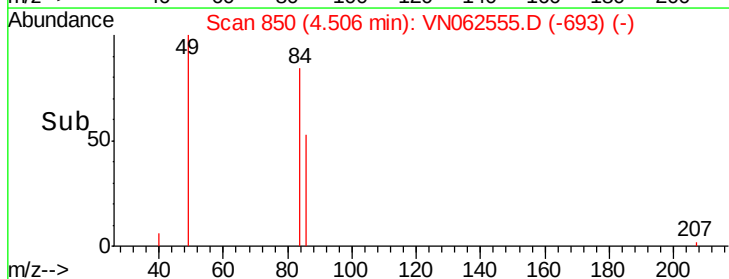
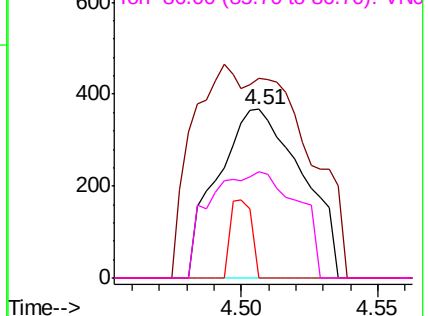


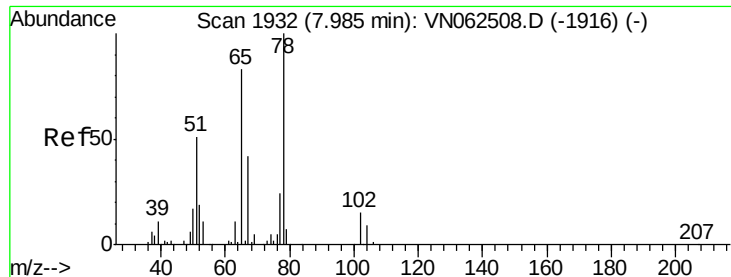
Abundance Ion 84.00 (83.70 to 84.70): VN0

Ion 49.00 (48.70 to 49.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

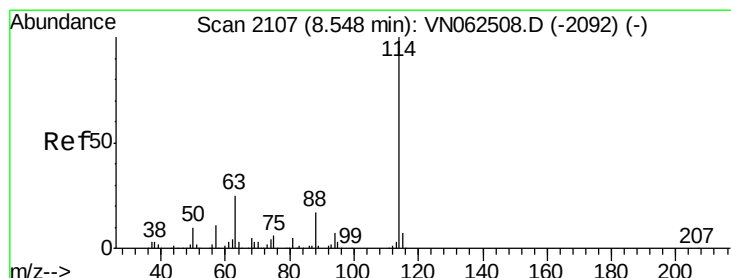
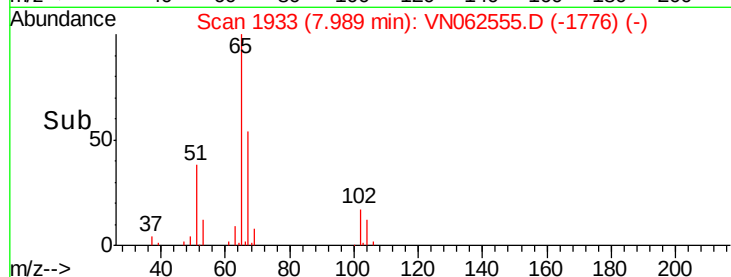
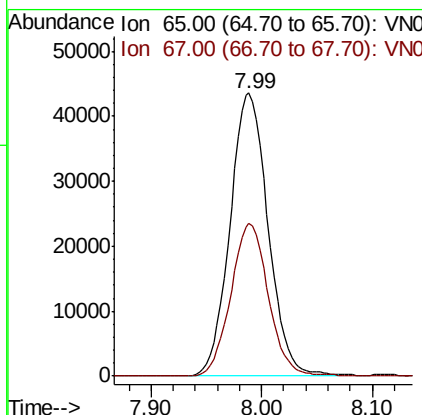
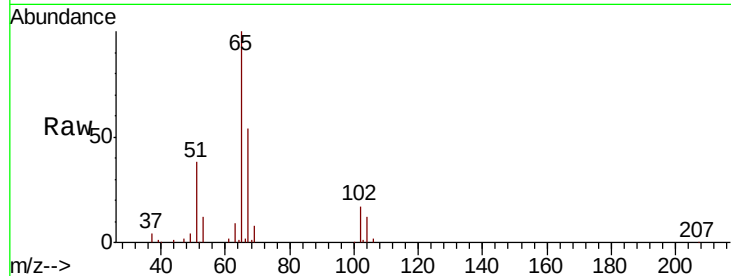




#27
 1,2-Dichloroethane-d4
 Concen: 31.270 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062555.D
 Acq: 20 Jul 2020 12:02

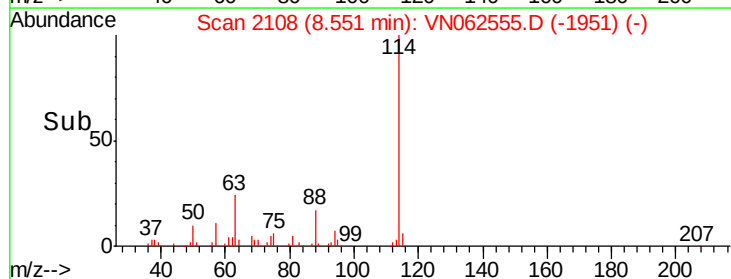
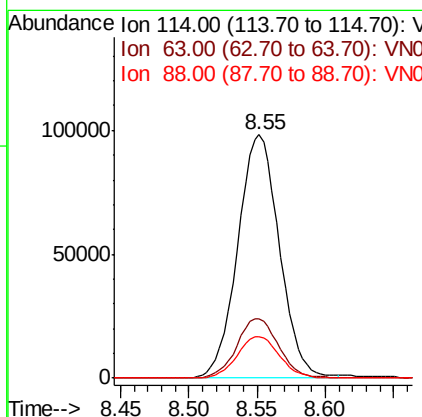
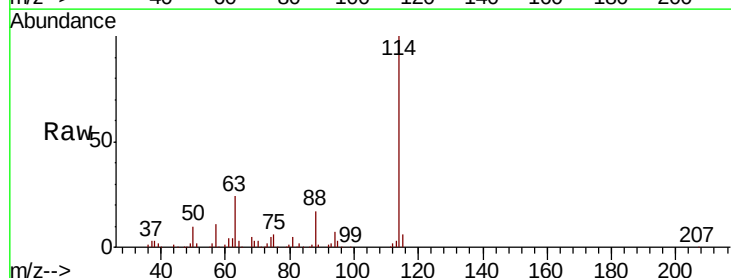
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBL01

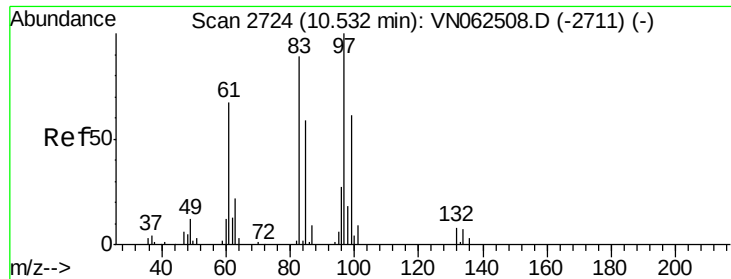
Tot Ion: 65 Resp: 104183
 Ion Ratio Lower Upper
 65 100
 67 53.1 41.7 62.5



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062555.D
 Acq: 20 Jul 2020 12:02

Tgt Ion: 114 Resp: 208128
 Ion Ratio Lower Upper
 114 100
 63 24.6 19.4 29.0
 88 17.4 13.5 20.3

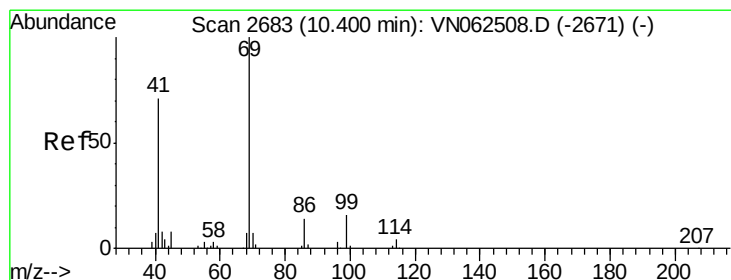
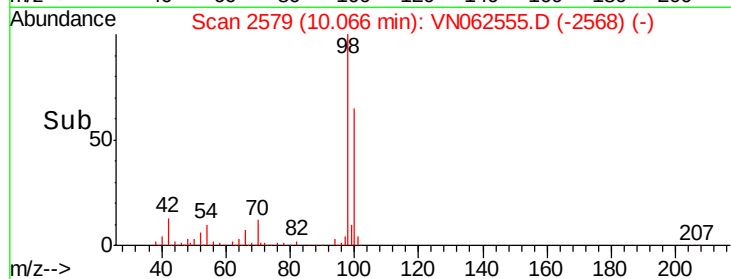
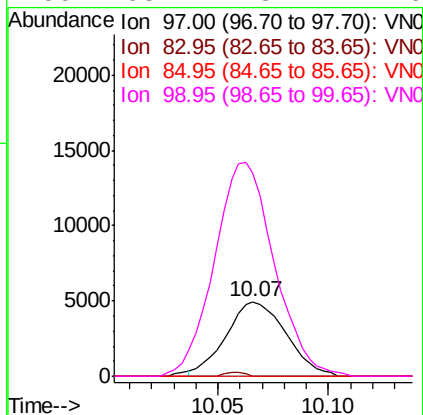
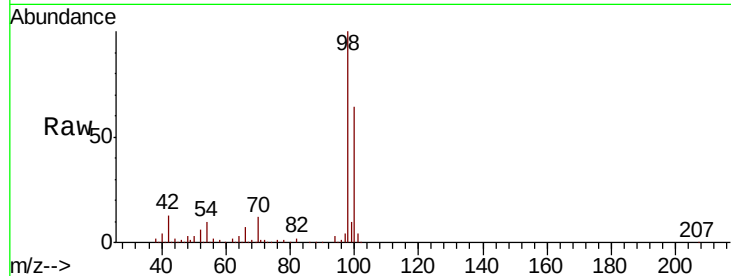




#50
 1,1,2-Trichloroethane
 Concen: 3.880 ug/l
 RT: 10.07 min Scan# 2579
 Delta R.T. -0.47 min
 Lab File: VN062555.D
 Acq: 20 Jul 2020 12:02

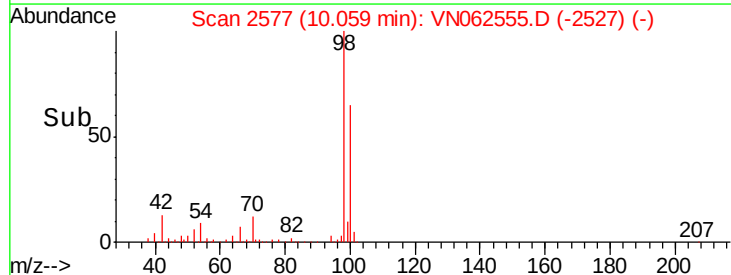
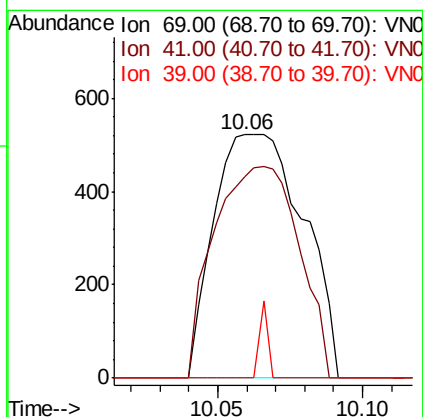
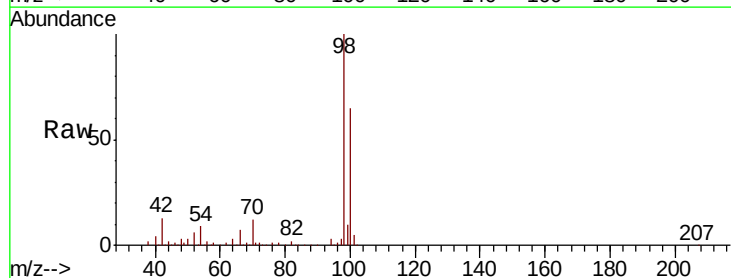
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBL01

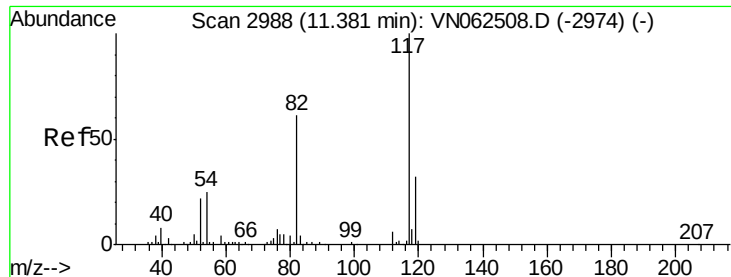
Tot Ion	Ratio	Lower	Upper
97	100		
83	0.0	71.3	106.9#
85	0.0	47.2	70.8#
99	268.7	48.4	72.6#



#51
 Ethyl methacrylate
 Concen: 0.275 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.34 min
 Lab File: VN062555.D
 Acq: 20 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	82.6	35.6	106.8
39	0.0	17.2	51.5#

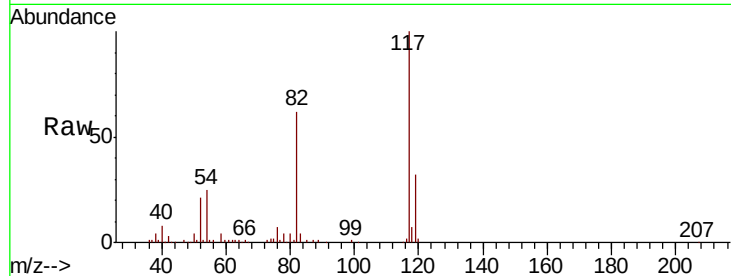




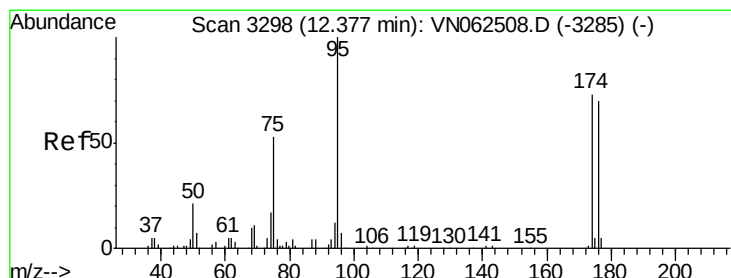
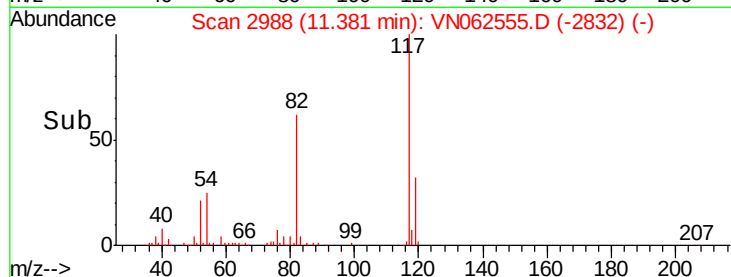
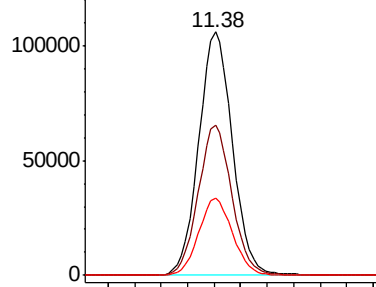
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062555.D
Acq: 20 Jul 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBL01

Tot Ion:117 Resp: 187478
Ion Ratio Lower Upper
117 100
82 61.5 49.0 73.6
119 32.0 25.6 38.4

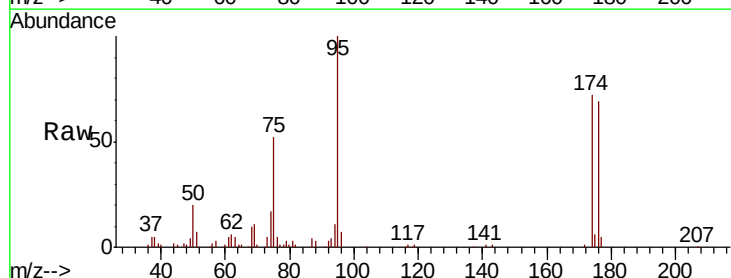


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

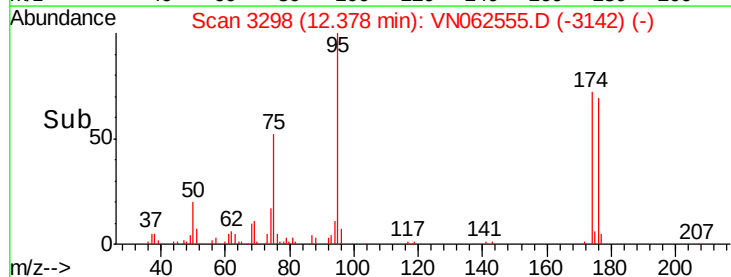
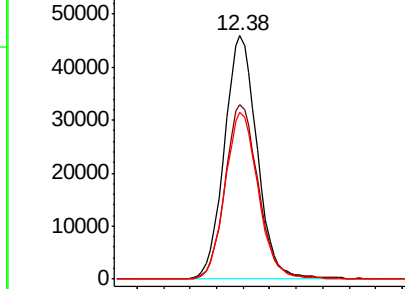


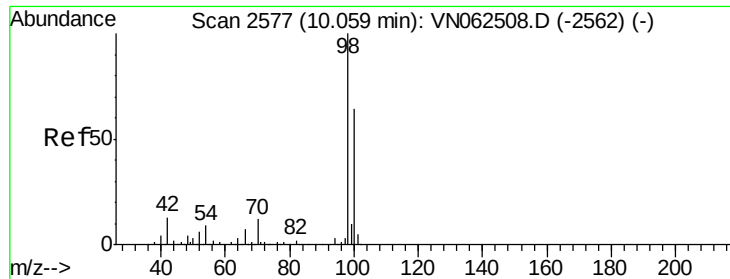
#60
4-Bromofluorobenzene
Concen: 24.676 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062555.D
Acq: 20 Jul 2020 12:02

Tgt Ion: 95 Resp: 78726
Ion Ratio Lower Upper
95 100
174 72.4 57.5 86.3
176 69.4 56.3 84.5



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: 29.618 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN062555.D

Acq: 20 Jul 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

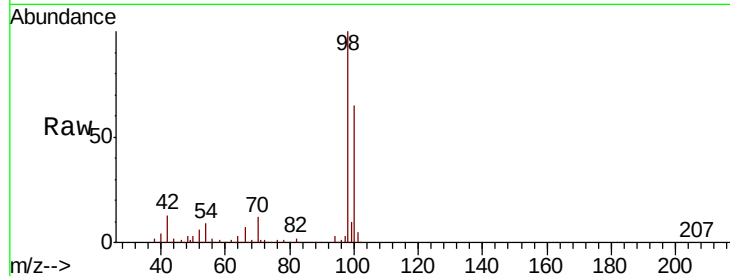
VN0720WBL01

Tot Ion: 98 Resp: 262379

Ion Ratio Lower Upper

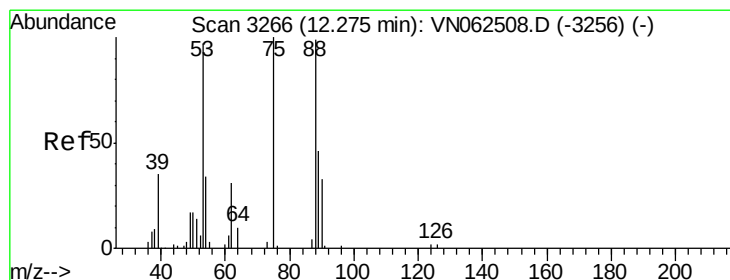
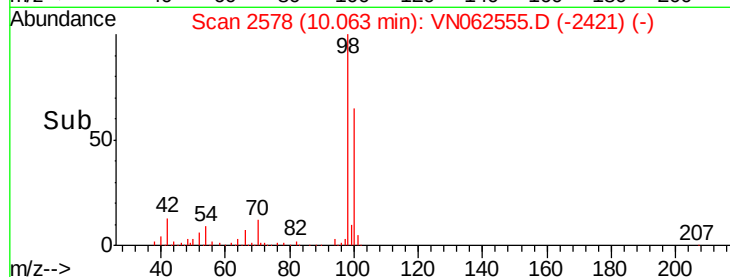
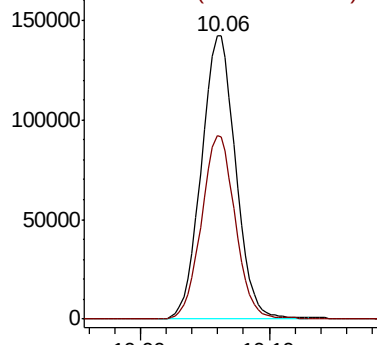
98 100

100 63.9 50.4 75.6



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: 31.928 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062555.D

Acq: 20 Jul 2020 12:02

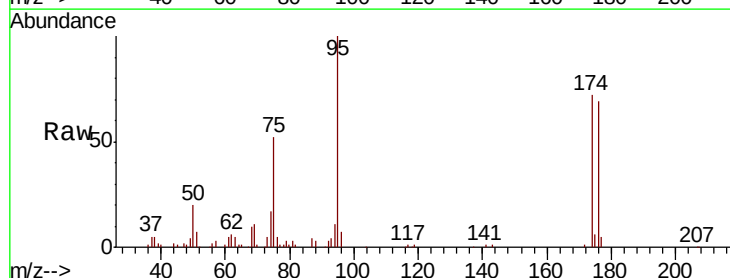
Tgt Ion: 75 Resp: 41342

Ion Ratio Lower Upper

75 100

53 0.0 48.3 144.8#

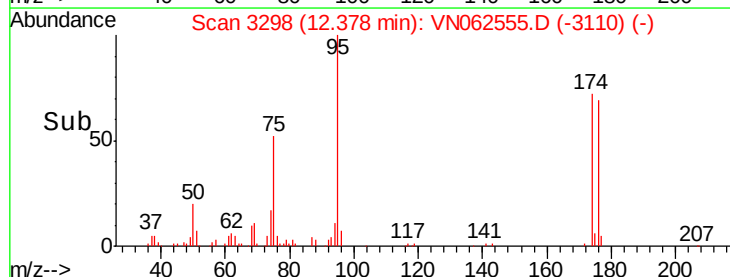
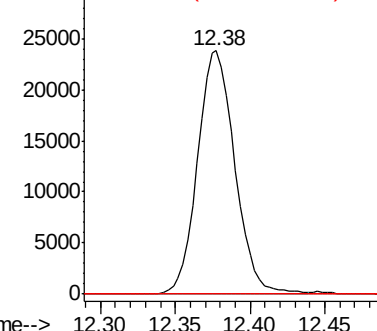
89 0.0 23.3 69.8#

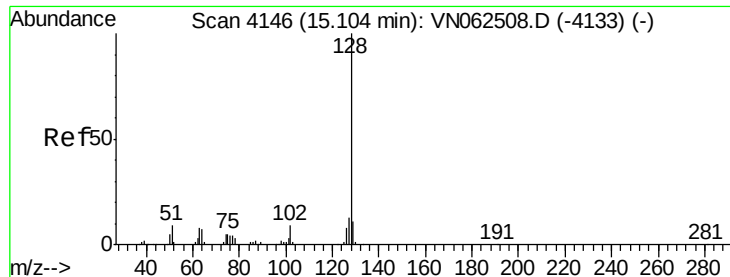


Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0





#91

Naphthalene

Concen: 0.303 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062555.D

Acq: 20 Jul 2020 12:02

Instrument :

MSVOA_N

ClientSampled :

VN0720WBL01

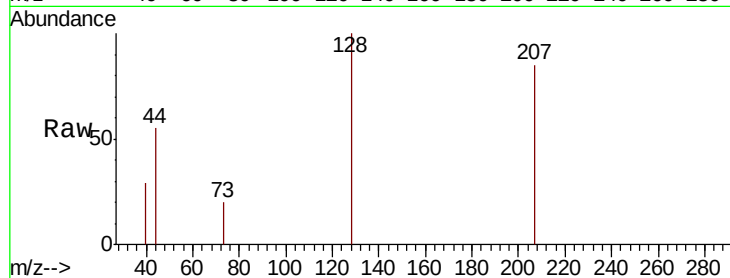
Tot Ion:128 Resp: 1742

Ion Ratio Lower Upper

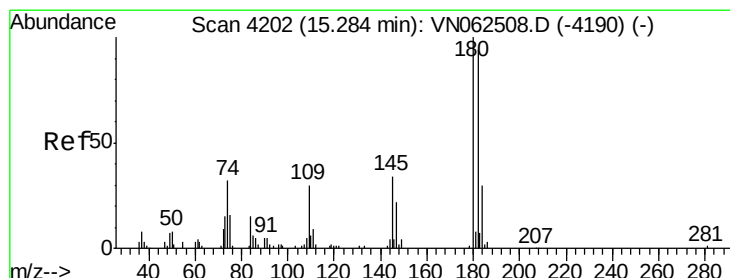
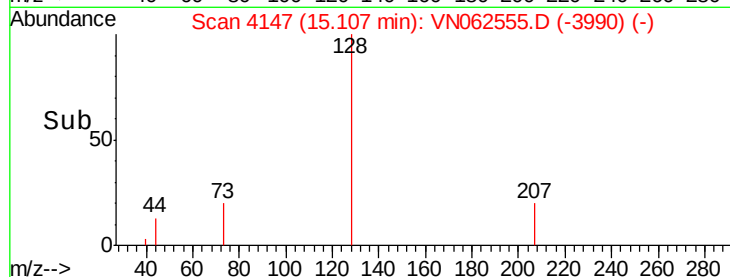
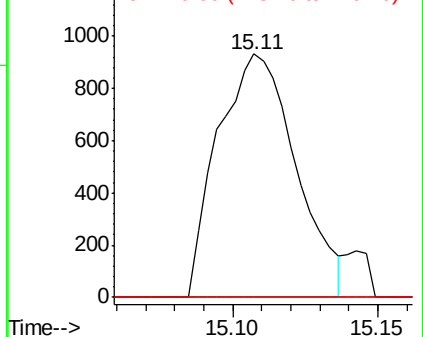
128 100

127 0.0 10.0 15.0#

129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 0.231 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN062555.D

Acq: 20 Jul 2020 12:02

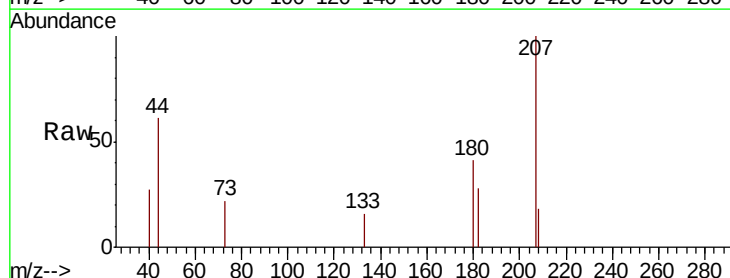
Tgt Ion:180 Resp: 494

Ion Ratio Lower Upper

180 100

182 89.1 0.0 187.2

145 0.0 0.0 67.8



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

