

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062405.D
 Acq On : 8 Jul 2020 14:13
 Operator : JC/MD
 Sample : VN0708WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBL01

Quant Time: Jul 09 02:21:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	170511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	308002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	294991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	111573	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	135393	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	
35) Dibromofluoromethane	7.55	113	98458	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	
50) Toluene-d8	10.06	98	396989	52.82	ug/l	0.00
Spiked Amount			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.38	95	145617	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	

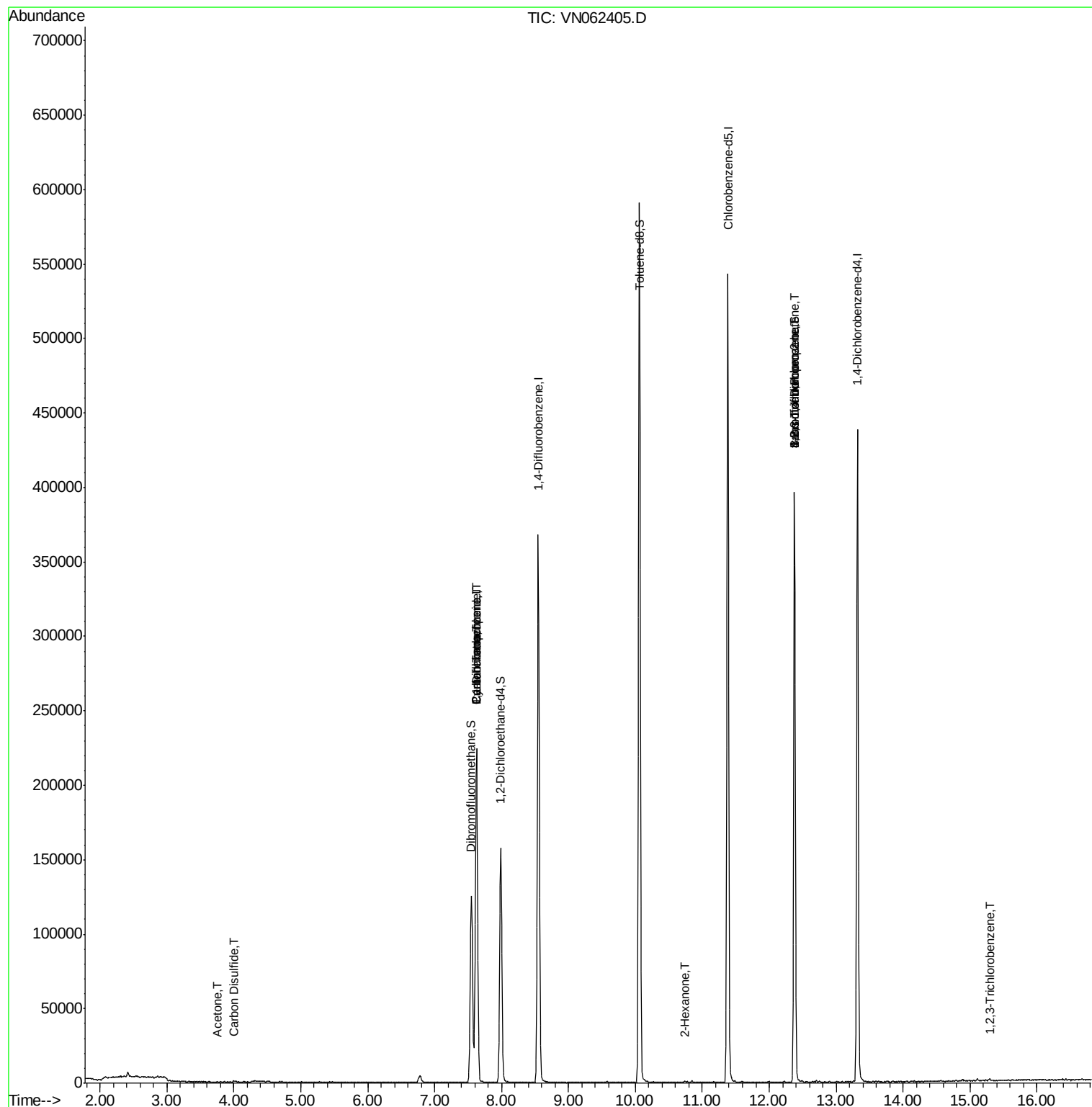
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.77	43	279	0.251	ug/l #	45
17) Carbon Disulfide	4.01	76	1688	0.308	ug/l #	75
31) Cyclohexane	7.63	56	4335	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	15072	4.857	ug/l #	51
38) Carbon Tetrachloride	7.63	117	17581	6.302	ug/l #	17
59) 2-Hexanone	10.73	43	614	0.247	ug/l #	51
71) Bromoform	12.37	173	391	0.252	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	77190	28.196	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	77190	75.469	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.89	180	420	Below Cal	#	66
95) Naphthalene	15.11	128	2104	Below Cal	#	79
96) 1,2,3-Trichlorobenzene	15.29	180	538	3.506	ug/l #	77

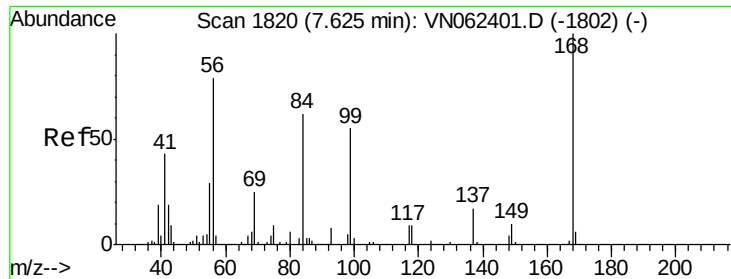
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062405.D

Acq: 8 Jul 2020 14:13

Instrument :

MSVOA_N

ClientSampleId :

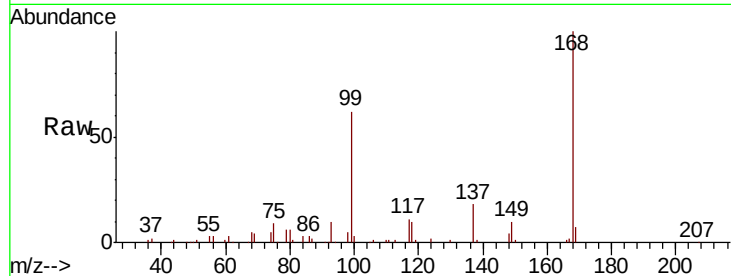
VN0708WBL01

Tot Ion:168 Resp: 170511

Ion Ratio Lower Upper

168 100

99 61.7 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): VN062405.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062405.D (-1727) (-)

7.63

80000

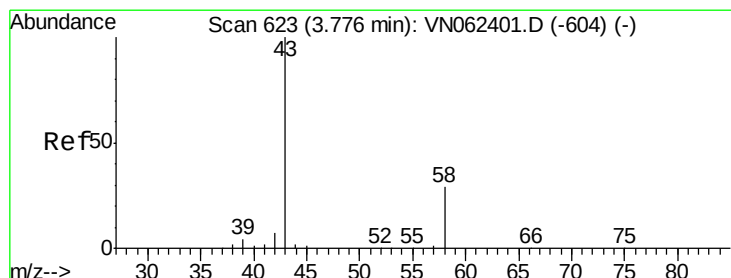
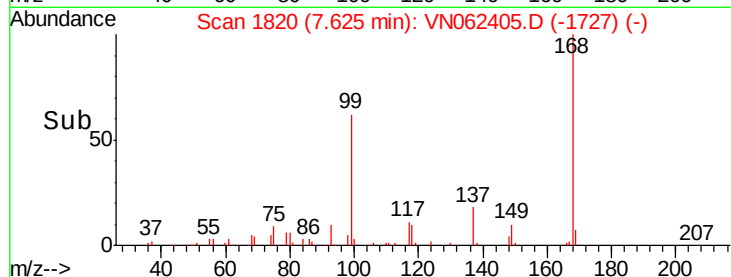
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 0.251 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.01 min

Lab File: VN062405.D

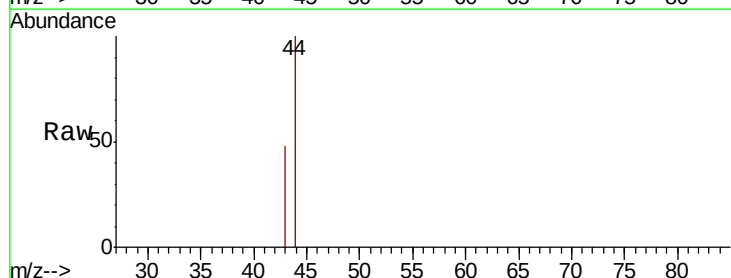
Acq: 8 Jul 2020 14:13

Tgt Ion: 43 Resp: 279

Ion Ratio Lower Upper

43 100

58 0.0 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VN062405.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN062405.D (-530) (-)

3.77

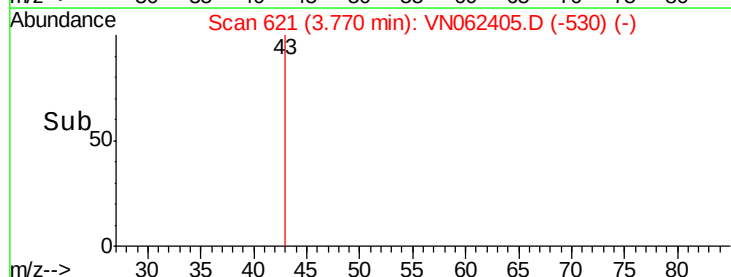
300

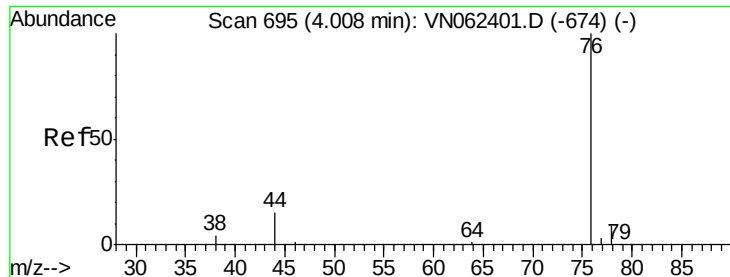
200

100

0

Time--> 3.75 3.76 3.77 3.78

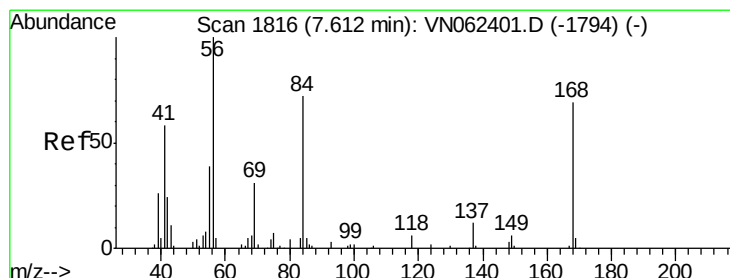
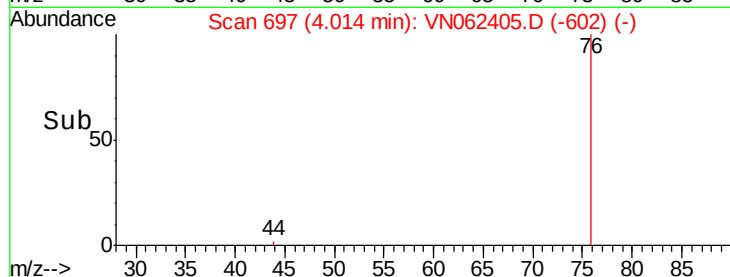
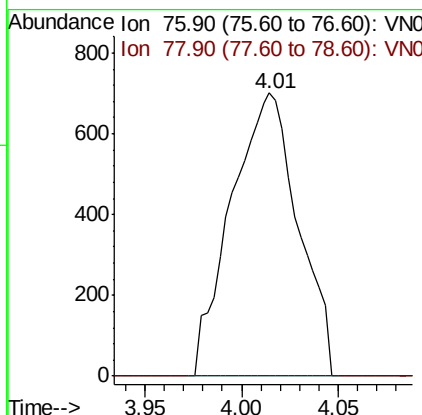
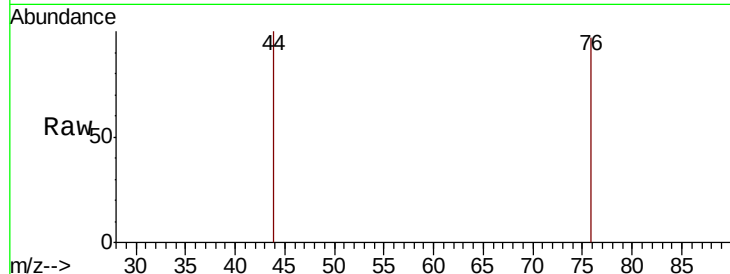




#17
Carbon Disulfide
Concen: 0.308 ug/l
RT: 4.01 min Scan# 697
Delta R.T. 0.01 min
Lab File: VN062405.D
Acq: 8 Jul 2020 14:13

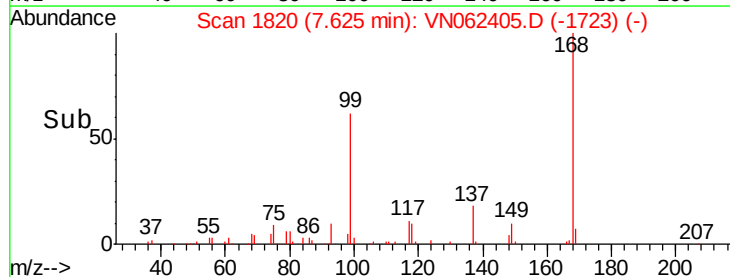
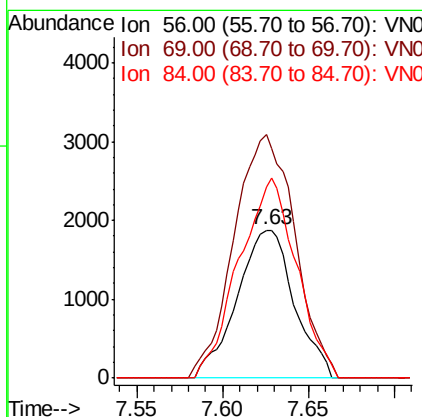
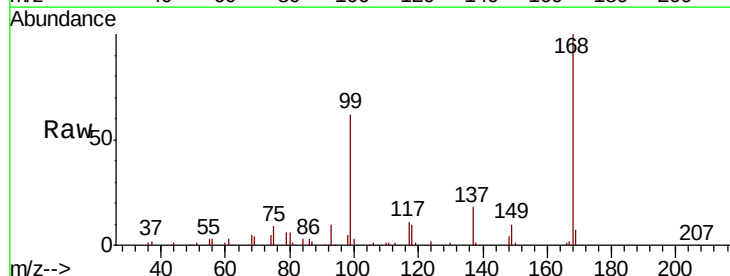
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

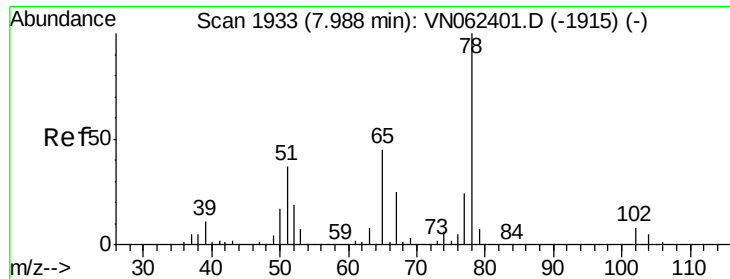
Tot Ion: 76 Resp: 1688
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062405.D
Acq: 8 Jul 2020 14:13

Tgt Ion: 56 Resp: 4335
Ion Ratio Lower Upper
56 100
69 164.9 24.5 36.7#
84 129.2 57.4 86.2#

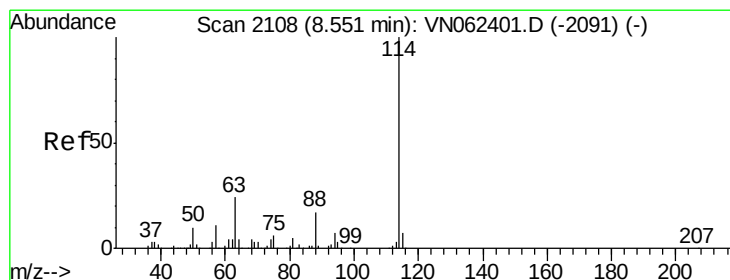
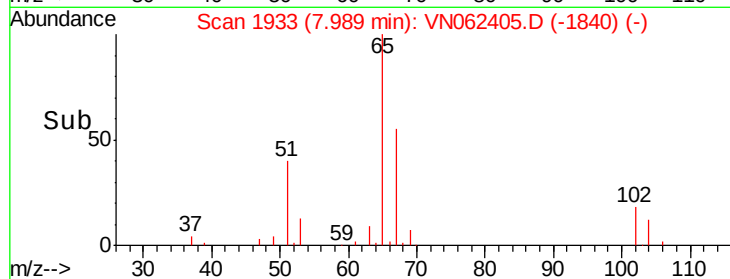
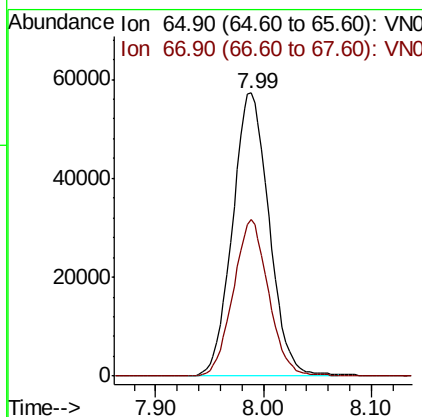
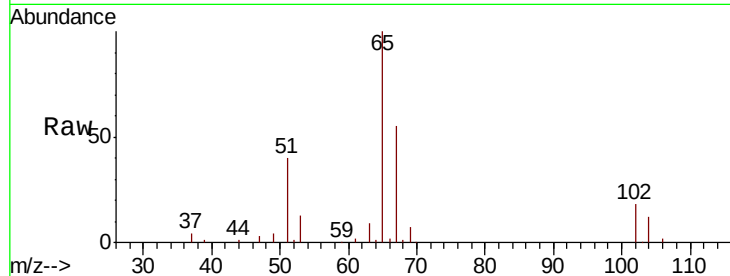




#33
 1,2-Dichloroethane-d4
 Concen: 51.624 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062405.D
 Acq: 8 Jul 2020 14:13

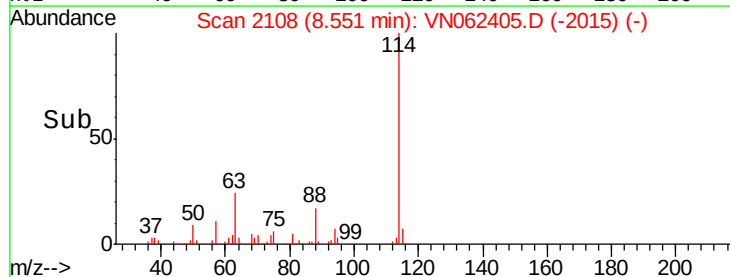
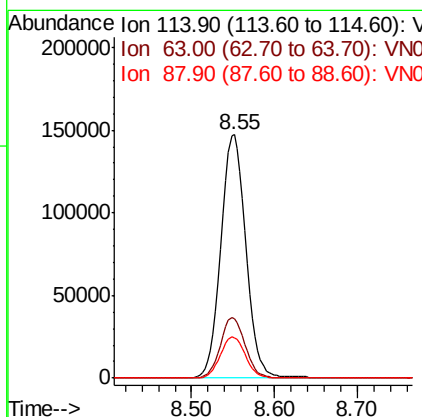
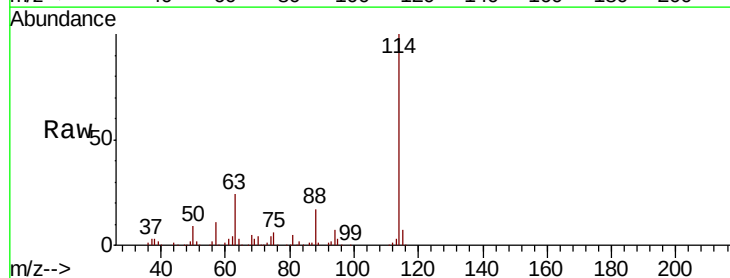
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBL01

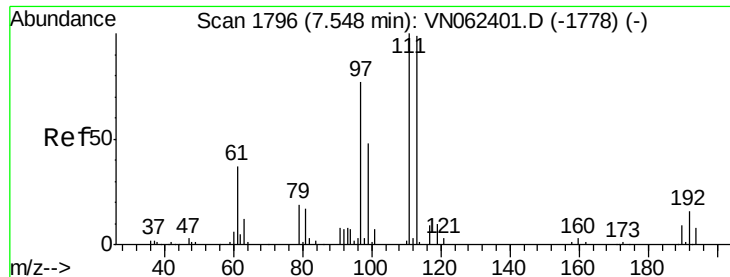
Tot Ion: 65 Resp: 135393
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062405.D
 Acq: 8 Jul 2020 14:13

Tgt Ion: 114 Resp: 308002
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.4
 88 16.6 0.0 33.8

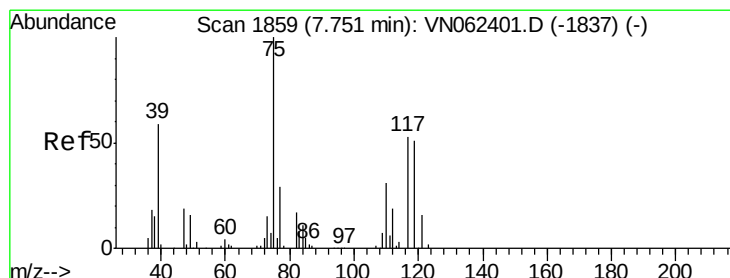
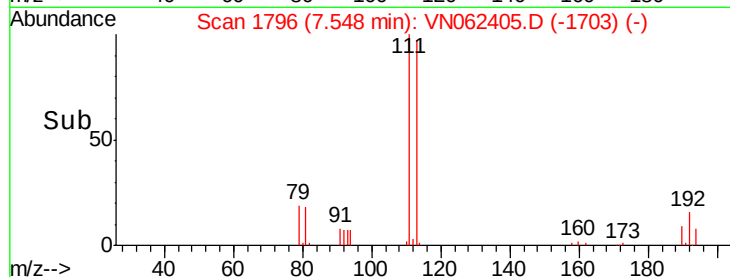
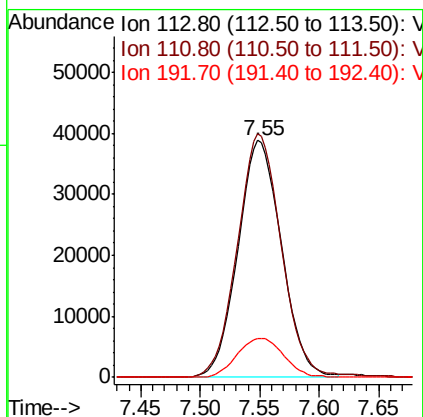
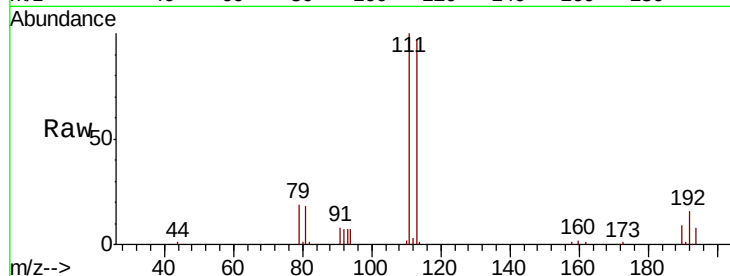




#35
 Dibromofluoromethane
 Concen: 51.715 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062405.D
 Acq: 8 Jul 2020 14:13

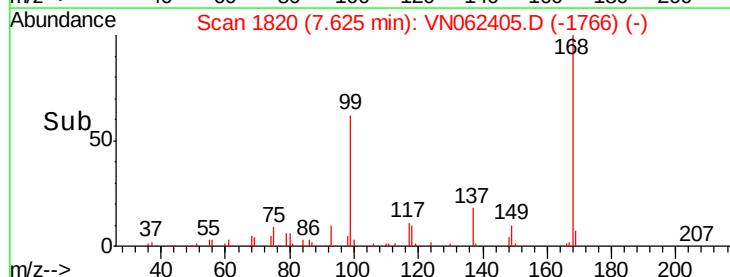
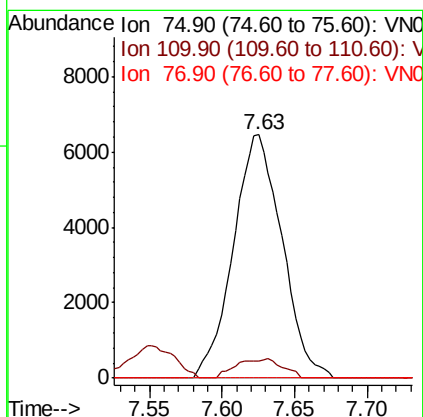
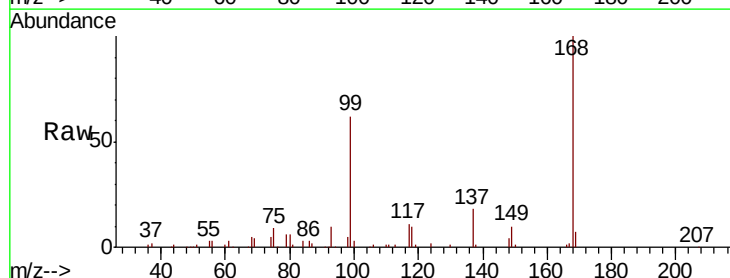
Instrument :
 MSVOA_N
 ClientSampled :
 VN0708WBL01

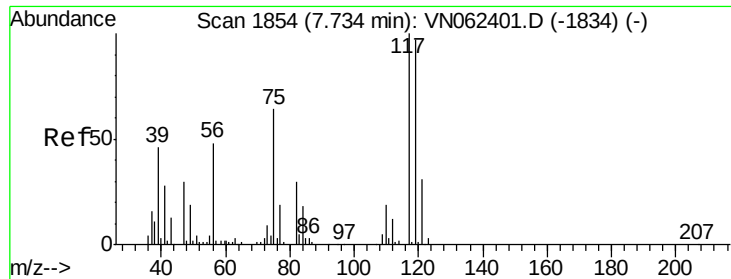
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.1	124.7
192	17.5	14.1	21.1



#36
 1,1-Dichloropropene
 Concen: 4.857 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062405.D
 Acq: 8 Jul 2020 14:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	15.4	46.2#
77	0.0	24.1	36.1#

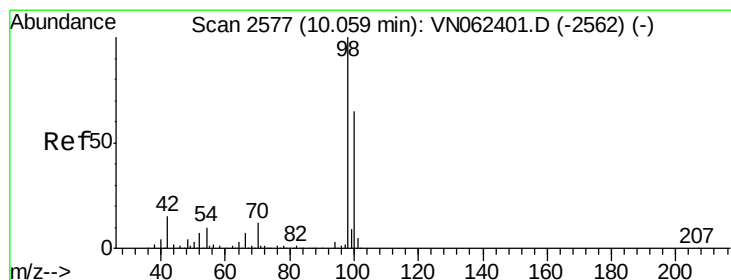
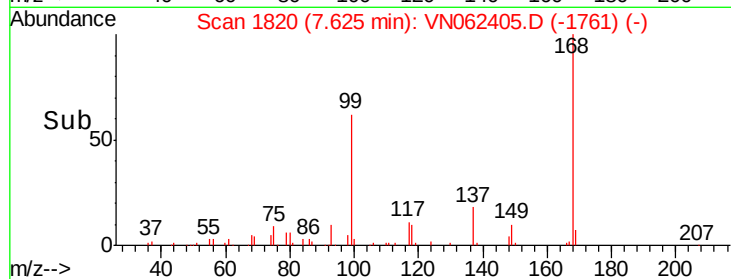
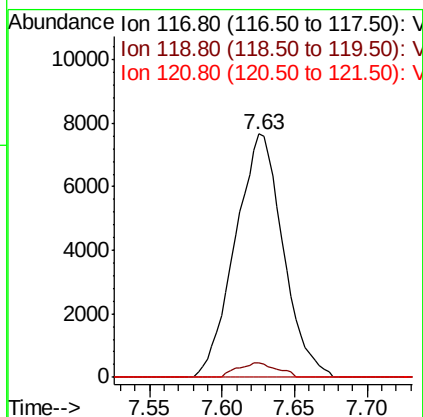
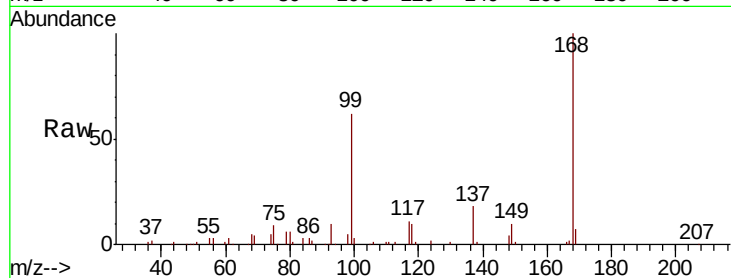




#38
Carbon Tetrachloride
Concen: 6.302 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN062405.D
Acq: 8 Jul 2020 14:13

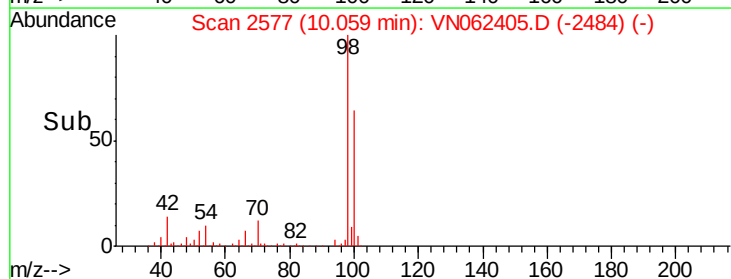
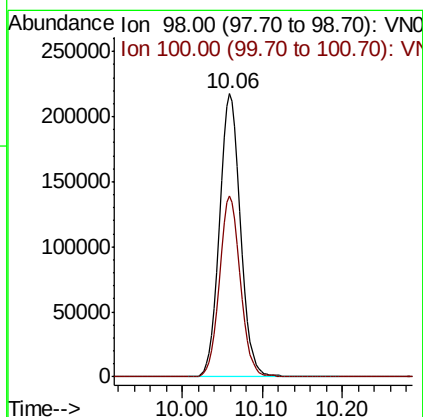
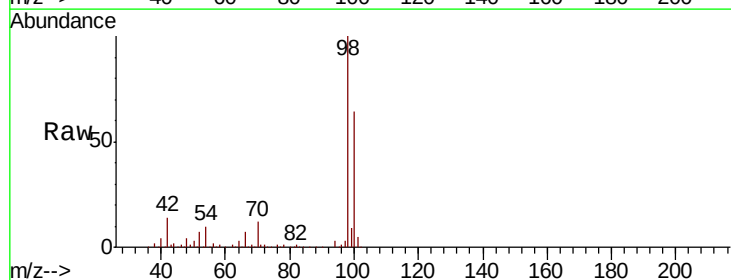
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

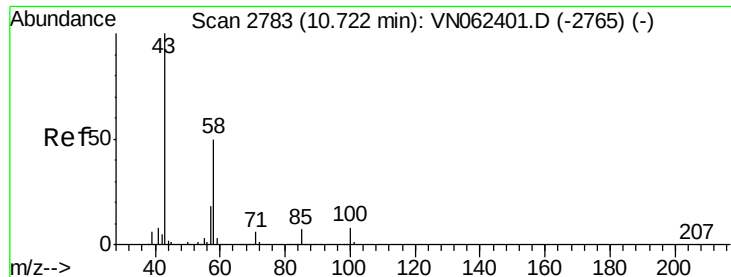
Tot Ion:117 Resp: 17581
Ion Ratio Lower Upper
117 100
119 6.2 77.2 115.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.820 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062405.D
Acq: 8 Jul 2020 14:13

Tgt Ion: 98 Resp: 396989
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3

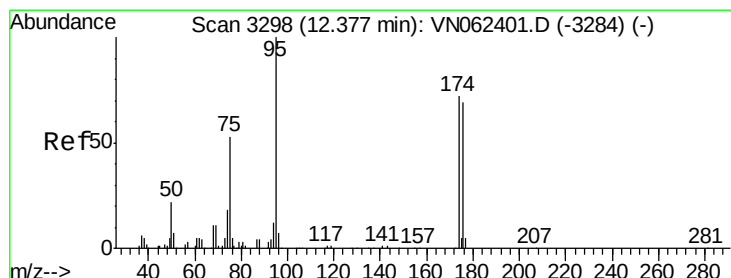
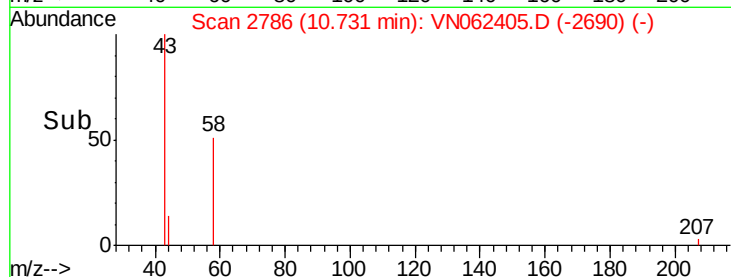
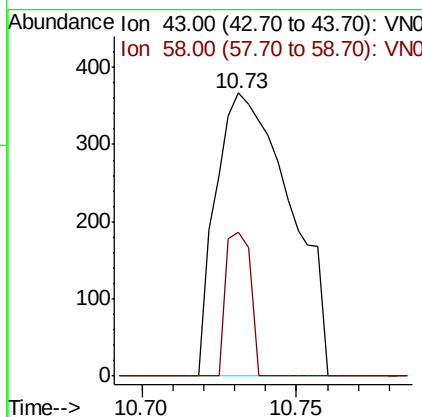
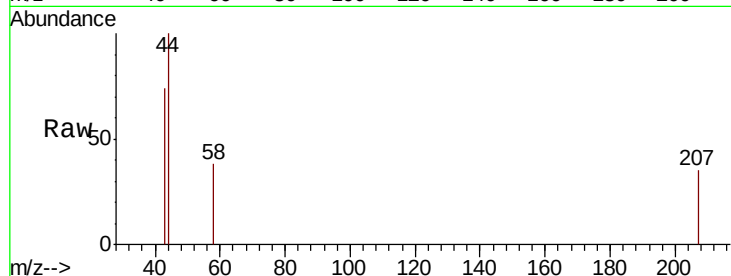




#59
2-Hexanone
Concen: 0.247 ug/l
RT: 10.73 min Scan# 2786
Delta R.T. 0.01 min
Lab File: VN062405.D
Acq: 8 Jul 2020 14:13

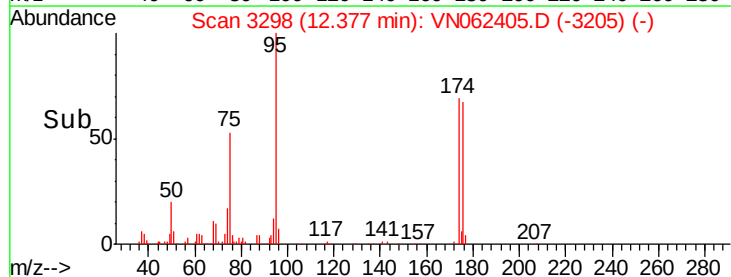
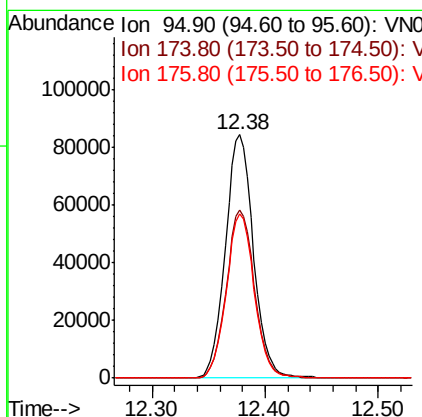
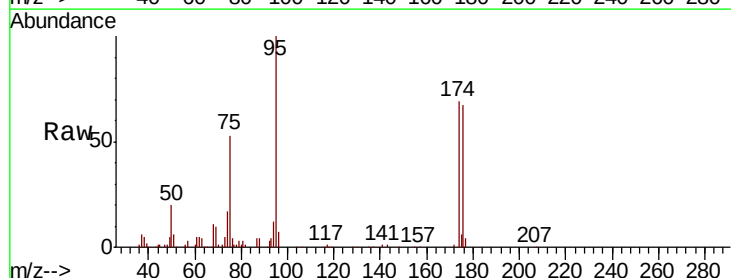
Instrument :
MSVOA_N
ClientSampled :
VN0708WBL01

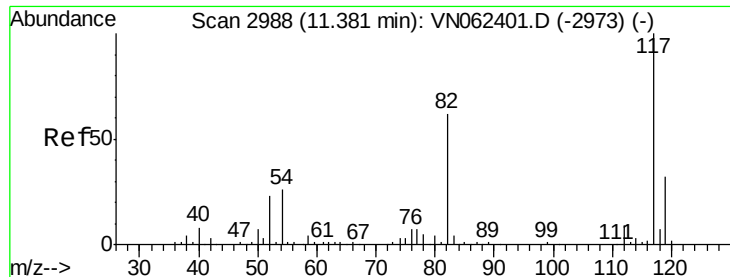
Tot Ion: 43 Resp: 614
Ion Ratio Lower Upper
43 100
58 16.6 25.1 75.2#



#62
4-Bromofluorobenzene
Concen: 53.018 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062405.D
Acq: 8 Jul 2020 14:13

Tgt Ion: 95 Resp: 145617
Ion Ratio Lower Upper
95 100
174 70.0 0.0 141.6
176 67.7 0.0 137.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062405.D

Acq: 8 Jul 2020 14:13

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBL01

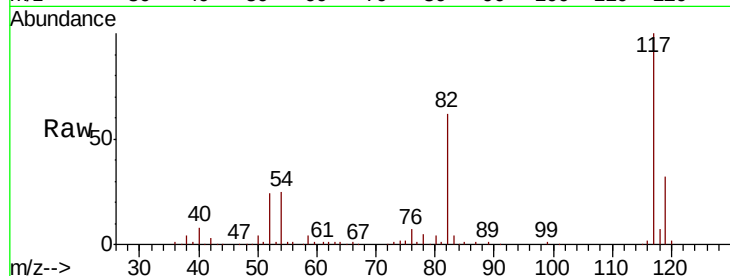
Tot Ion:117 Resp: 294991

Ion Ratio Lower Upper

117 100

82 61.9 49.6 74.4

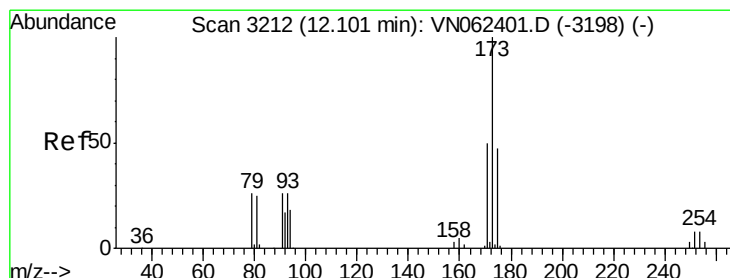
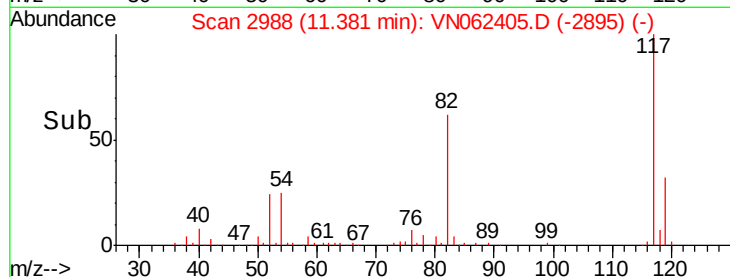
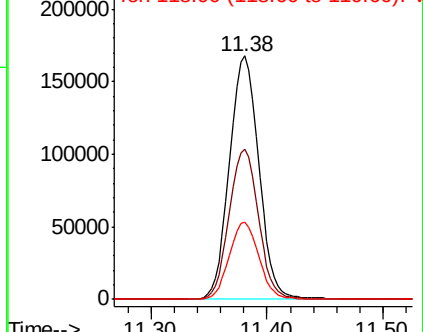
119 31.7 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 0.252 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.27 min

Lab File: VN062405.D

Acq: 8 Jul 2020 14:13

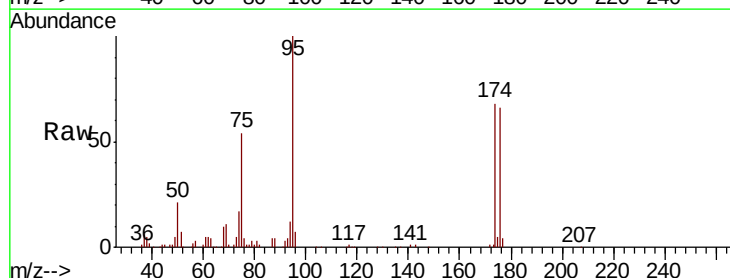
Tgt Ion:173 Resp: 391

Ion Ratio Lower Upper

173 100

175 1630.4 23.7 71.1#

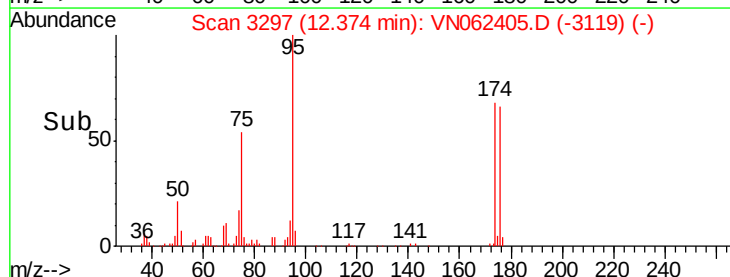
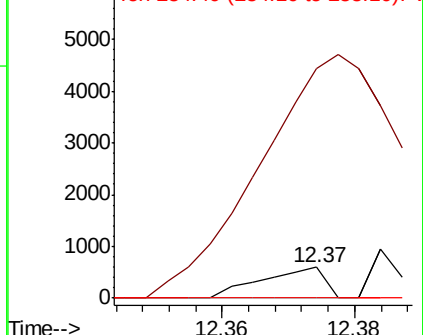
254 0.0 0.0 0.0

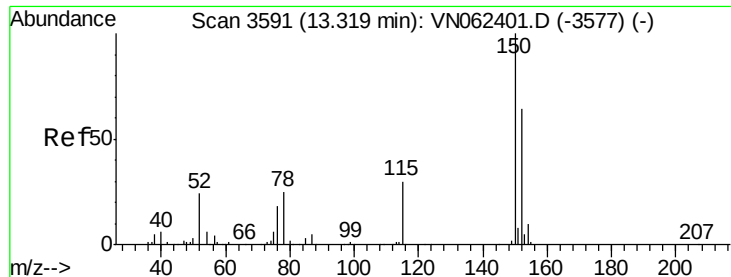


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062405.D

Acq: 8 Jul 2020 14:13

Instrument :

MSVOA_N

ClientSampled :

VN0708WBL01

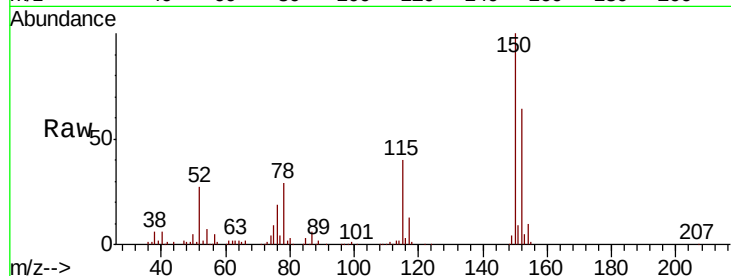
Tot Ion:152 Resp: 111573

Ion Ratio Lower Upper

152 100

115 63.5 31.4 94.2

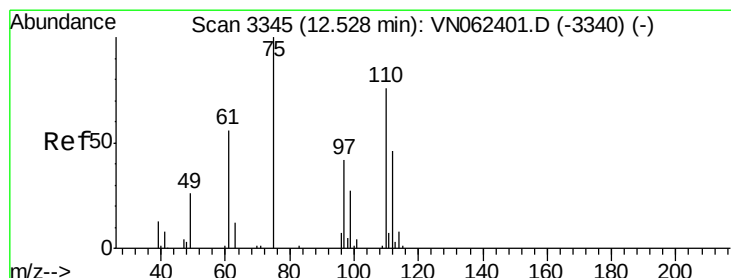
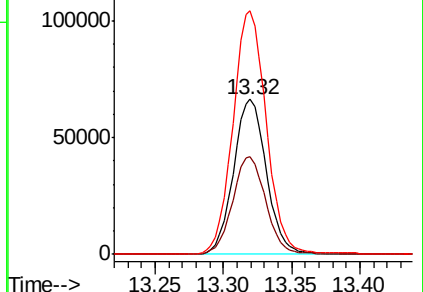
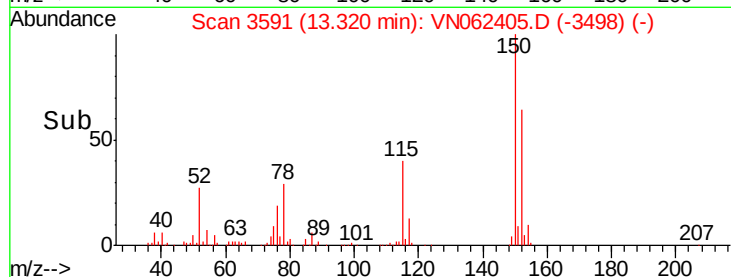
150 159.8 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 28.196 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062405.D

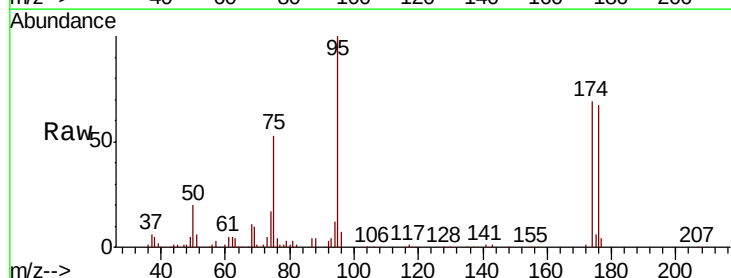
Acq: 8 Jul 2020 14:13

Tgt Ion: 75 Resp: 77190

Ion Ratio Lower Upper

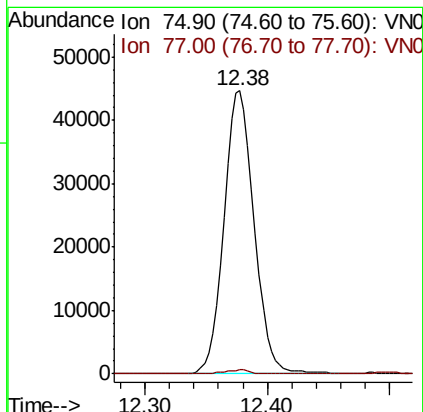
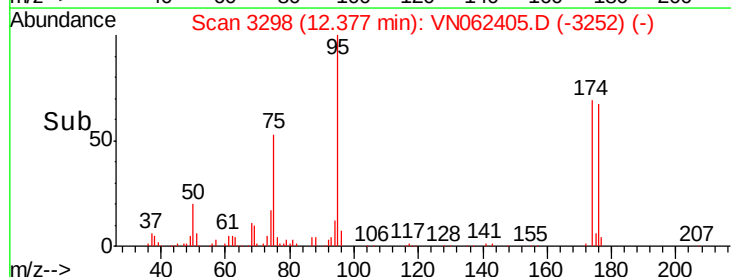
75 100

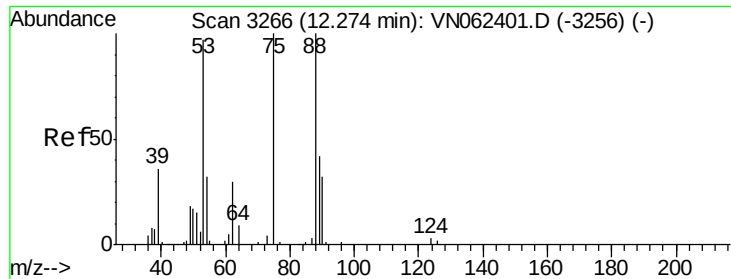
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 75.469 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062405.D

Acq: 8 Jul 2020 14:13

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBL01

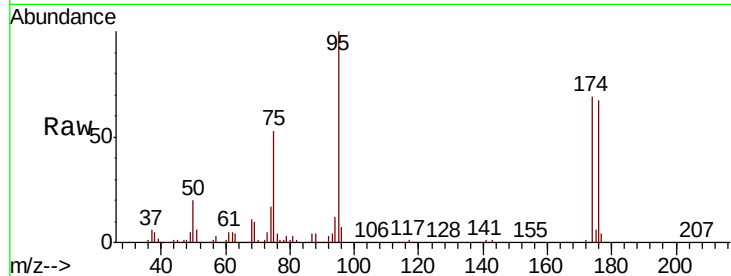
Tot Ion: 75 Resp: 77190

Ion Ratio Lower Upper

75 100

53 0.0 79.2 118.8#

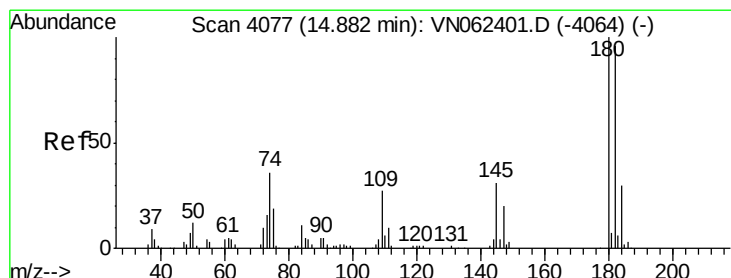
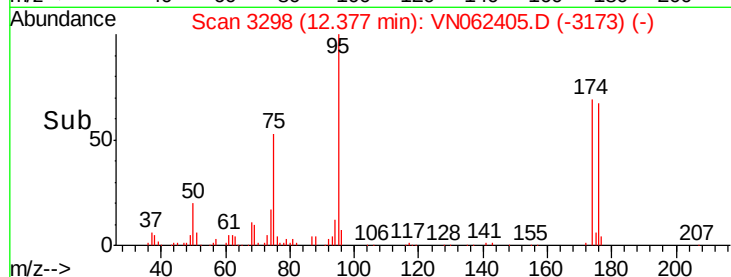
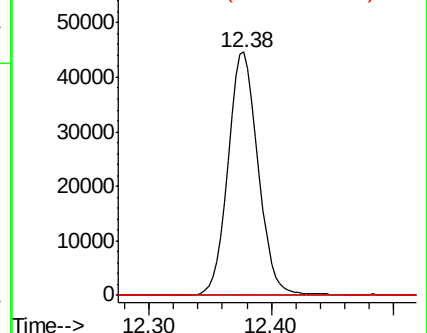
89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#93

1,2,4-Trichlorobenzene

Concen: Below Cal

RT: 14.89 min Scan# 4079

Delta R.T. 0.01 min

Lab File: VN062405.D

Acq: 8 Jul 2020 14:13

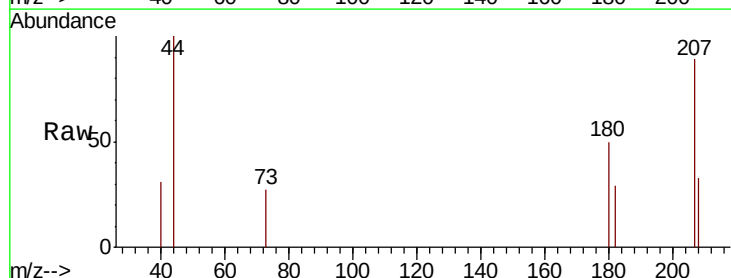
Tgt Ion: 180 Resp: 420

Ion Ratio Lower Upper

180 100

182 70.7 48.4 145.2

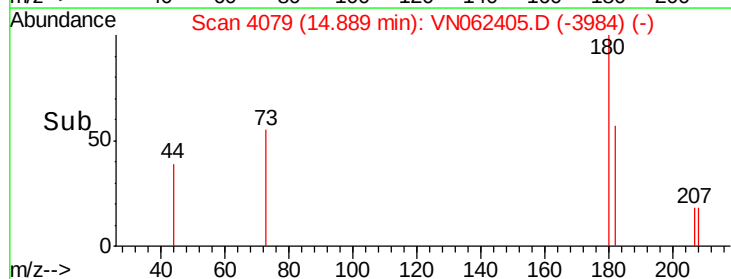
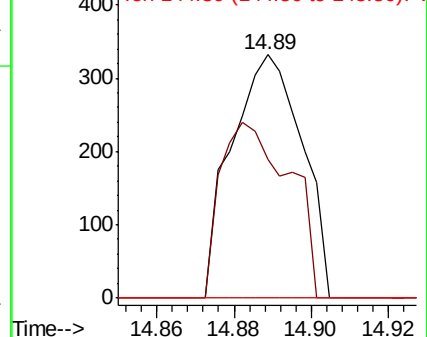
145 0.0 15.5 46.5#

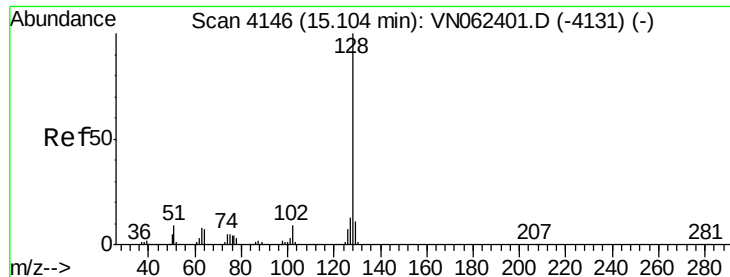


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: Below Cal

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN062405.D

Acq: 8 Jul 2020 14:13

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBL01

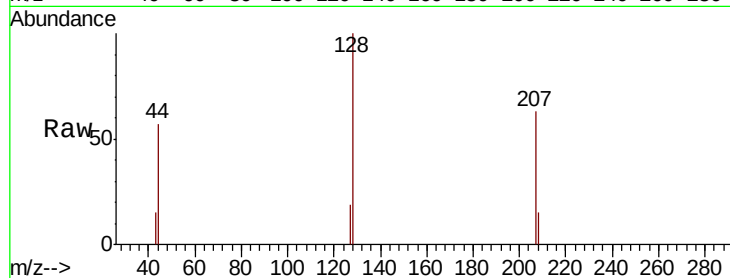
Tot Ion:128 Resp: 2104

Ion Ratio Lower Upper

128 100

127 7.2 10.2 15.2#

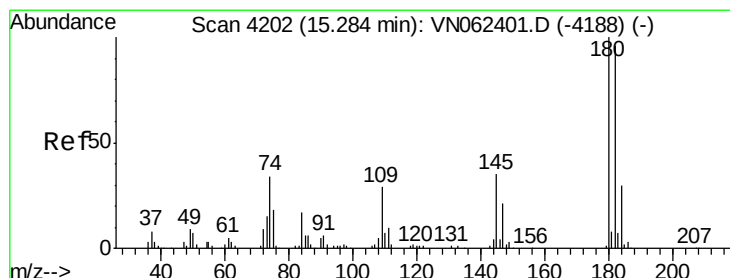
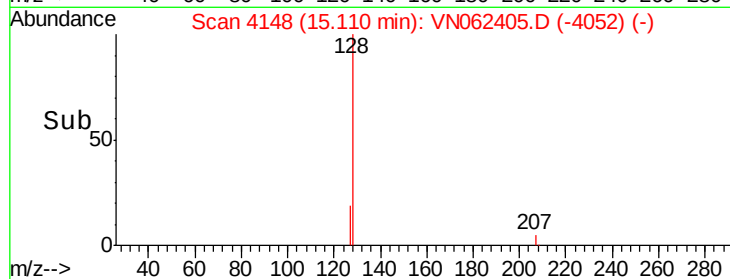
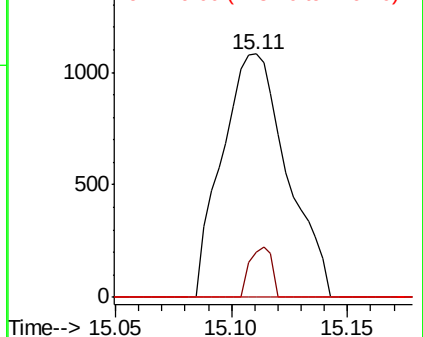
129 0.0 8.6 12.8#



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



#96

1,2,3-Trichlorobenzene

Concen: 3.506 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.01 min

Lab File: VN062405.D

Acq: 8 Jul 2020 14:13

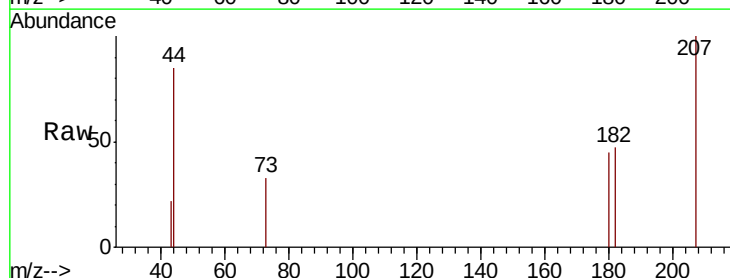
Tgt Ion:180 Resp: 538

Ion Ratio Lower Upper

180 100

182 105.0 47.8 143.4

145 0.0 17.0 50.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

