

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072220\
 Data File : VN062587.D
 Acq On : 22 Jul 2020 11:25
 Operator : JC/MD
 Sample : VN0722WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBL01

Quant Time: Jul 23 07:14:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	168853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	298658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	287768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	102941	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	134138	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
35) Dibromofluoromethane	7.55	113	100383	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
50) Toluene-d8	10.06	98	386015	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.38	95	134374	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	

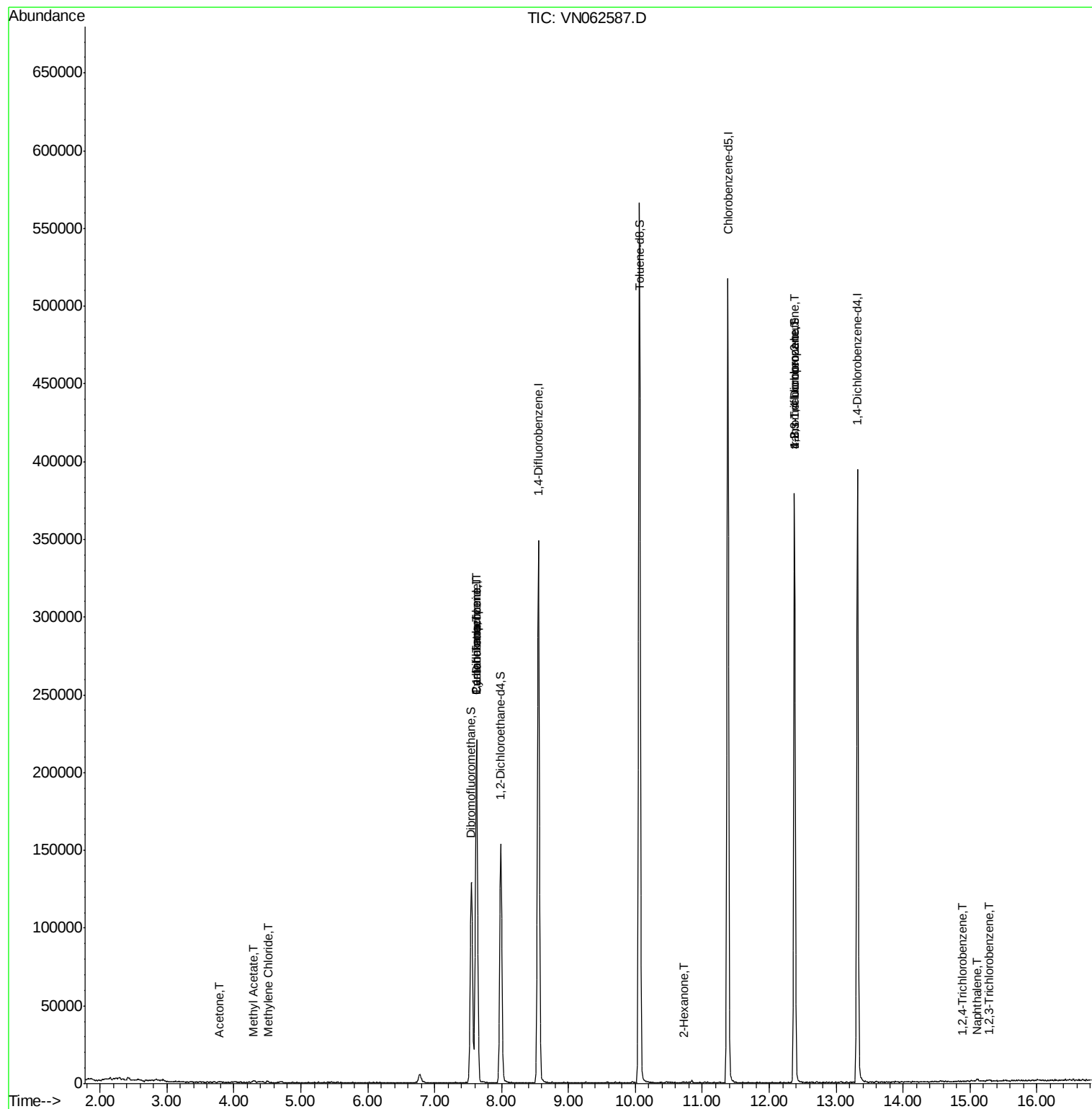
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	238	0.241	ug/l #	44
18) Methyl Acetate	4.28	43	2468	0.988	ug/l #	61
20) Methylene Chloride	4.51	84	685	0.289	ug/l #	71
31) Cyclohexane	7.62	56	4073	1.054	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	15085	4.739	ug/l #	51
38) Carbon Tetrachloride	7.63	117	16775	5.482	ug/l #	19
59) 2-Hexanone	10.73	43	390	3.110	ug/l #	26
76) 1,2,3-Trichloropropane	12.38	75	71634	27.339	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	71634	76.105	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.89	180	59	3.136	ug/l #	1
95) Naphthalene	15.11	128	846	3.932	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.28	180	401	0.259	ug/l #	71

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

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ALS Vial : 4 Sample Multiplier: 1

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Quant Time: Jul 23 07:14:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
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: VN062587.D

Acq: 22 Jul 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

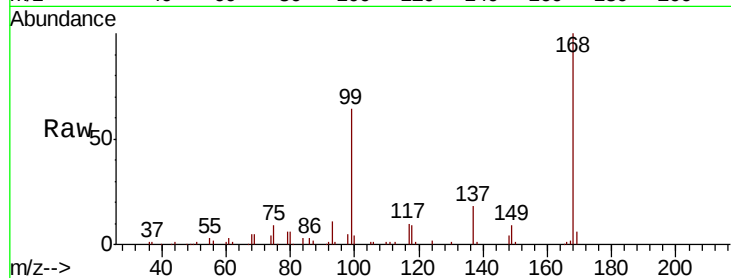
VN0722WBL01

Tot Ion:168 Resp: 168853

Ion Ratio Lower Upper

168 100

99 63.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

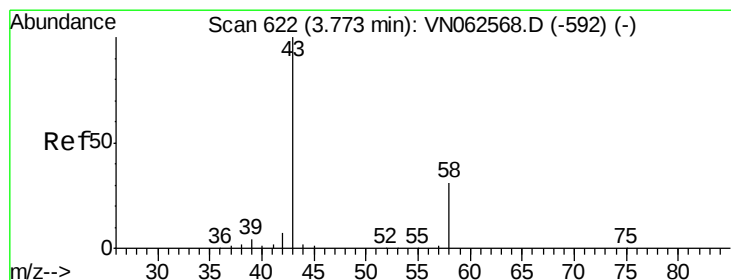
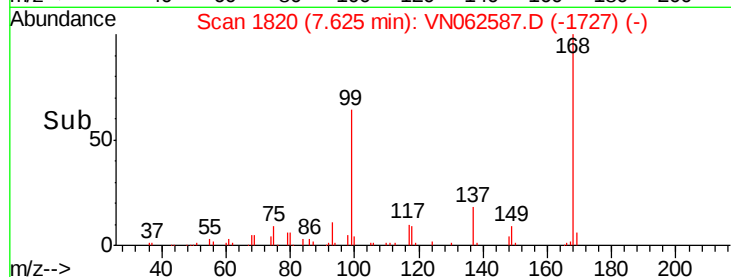
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 0.241 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062587.D

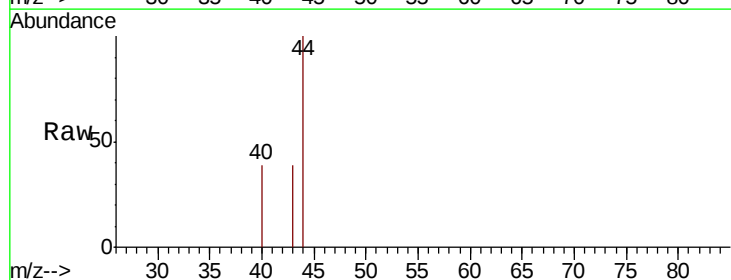
Acq: 22 Jul 2020 11:25

Tgt Ion: 43 Resp: 238

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

300

250

200

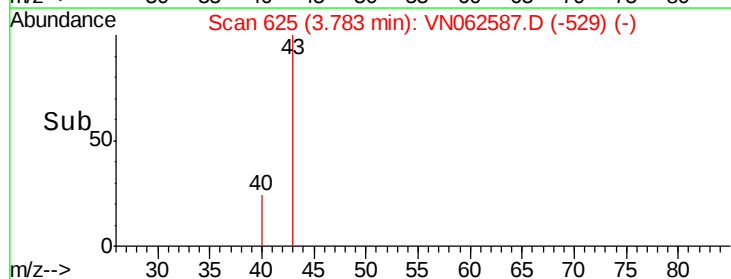
150

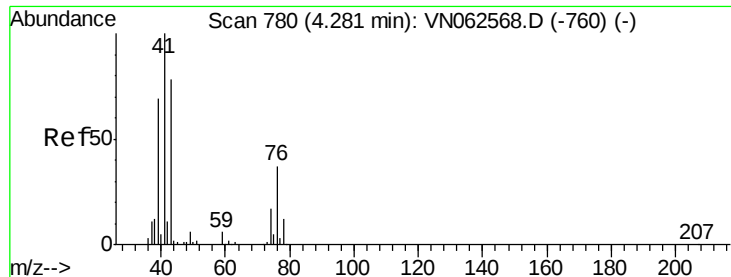
100

50

0

Time--> 3.76 3.77 3.78 3.79

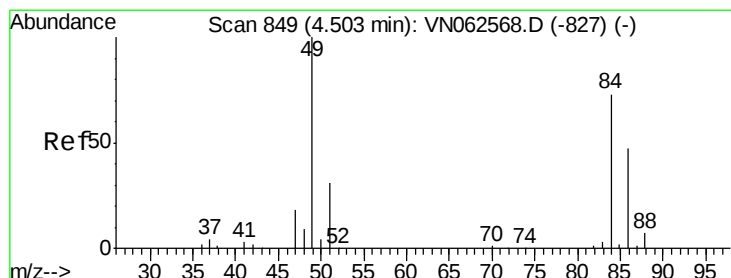
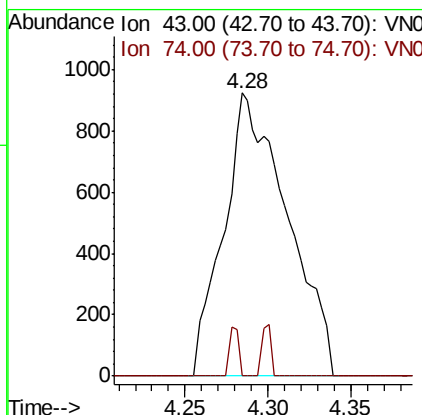
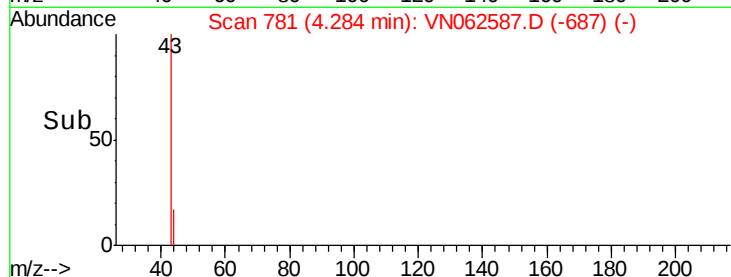
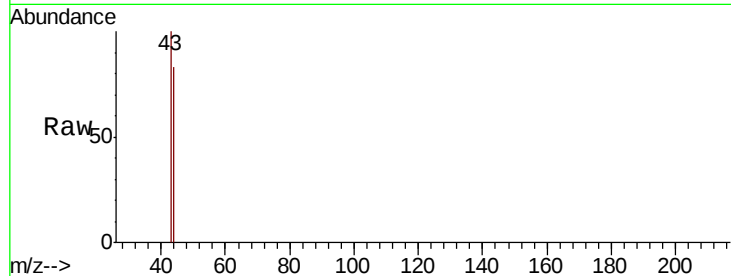




#18
Methyl Acetate
Concen: 0.988 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN062587.D
Acq: 22 Jul 2020 11:25

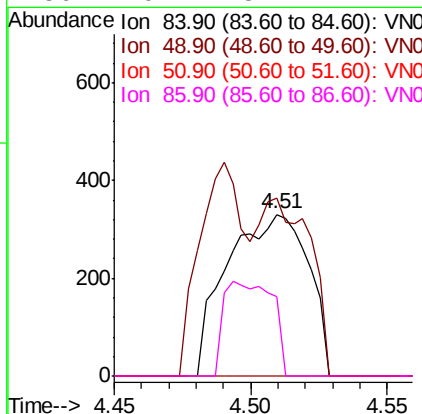
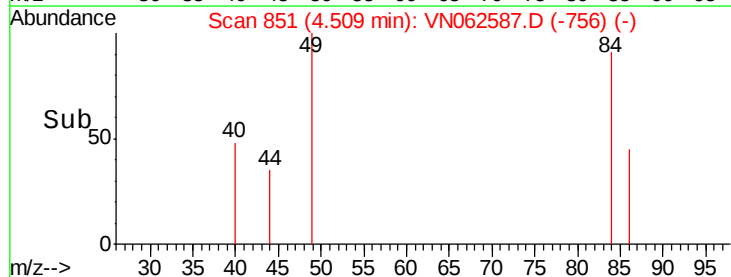
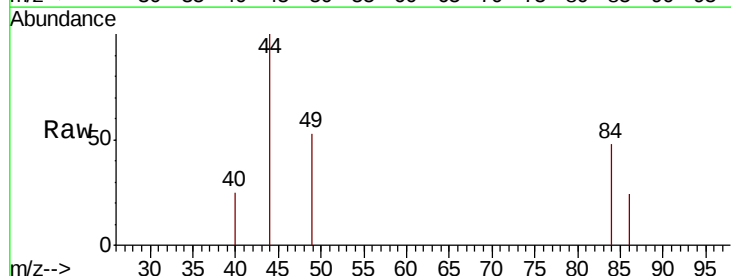
Instrument :
MSVOA_N
ClientSampled :
VN0722WBL01

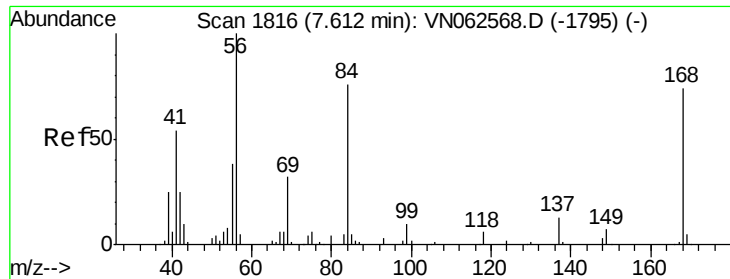
Tot Ion: 43 Resp: 2468
Ion Ratio Lower Upper
43 100
74 2.5 16.6 24.8#



#20
Methylene Chloride
Concen: 0.289 ug/l
RT: 4.51 min Scan# 851
Delta R.T. 0.01 min
Lab File: VN062587.D
Acq: 22 Jul 2020 11:25

Tgt Ion: 84 Resp: 685
Ion Ratio Lower Upper
84 100
49 110.3 109.4 164.0
51 0.0 33.6 50.4#
86 49.4 51.4 77.2#

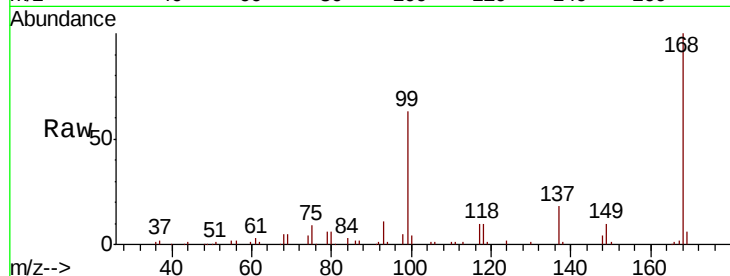




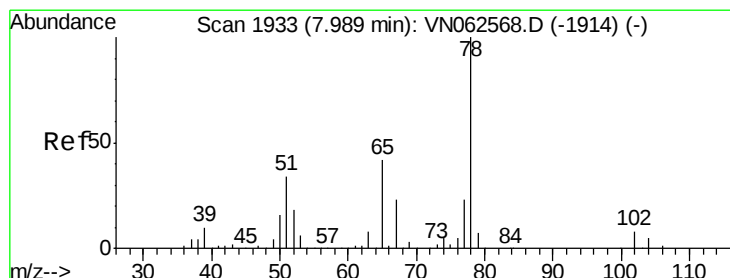
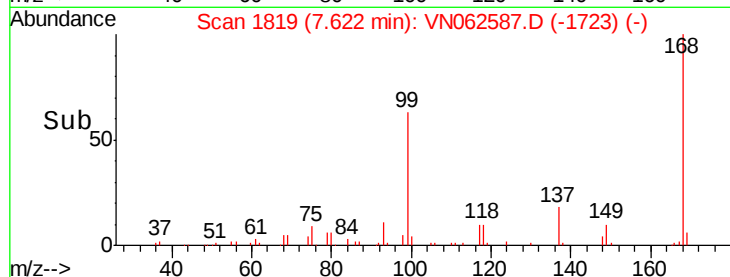
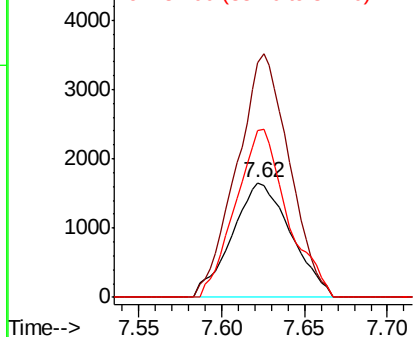
#31
Cyclohexane
Concen: 1.054 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062587.D
Acq: 22 Jul 2020 11:25

Instrument :
MSVOA_N
ClientSampled :
VN0722WBL01

Tot Ion: 56 Resp: 4073
Ion Ratio Lower Upper
56 100
69 203.7 25.3 37.9#
84 144.7 61.0 91.4#

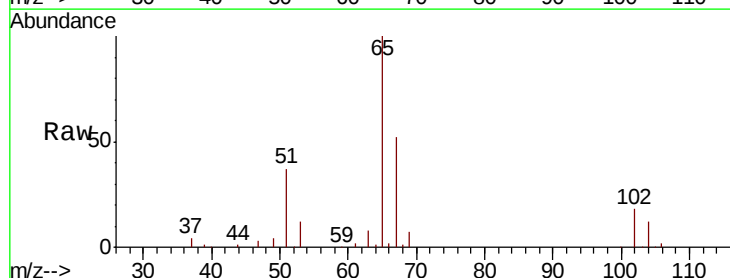


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

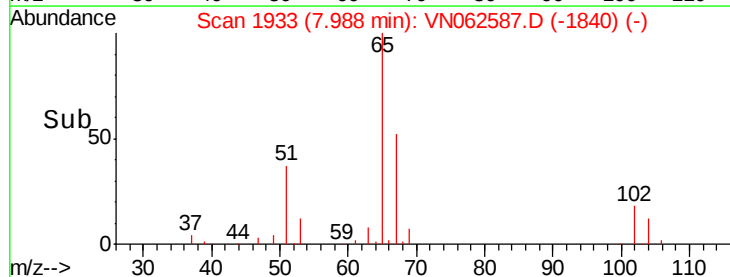
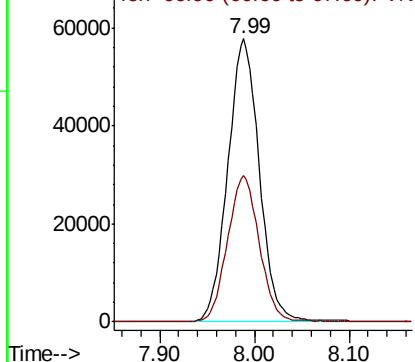


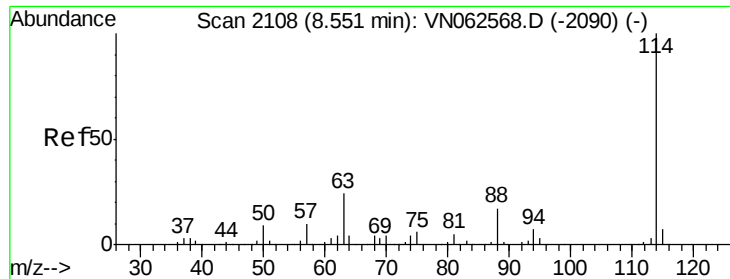
#33
1,2-Dichloroethane-d4
Concen: 51.138 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062587.D
Acq: 22 Jul 2020 11:25

Tgt Ion: 65 Resp: 134138
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

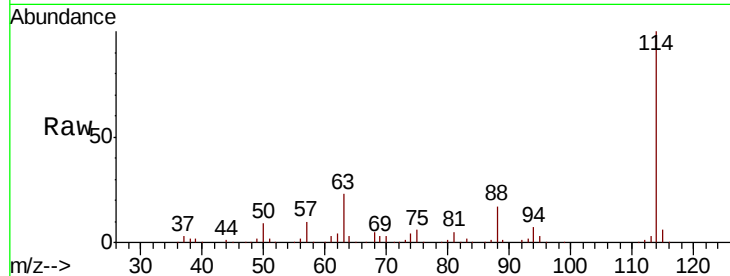




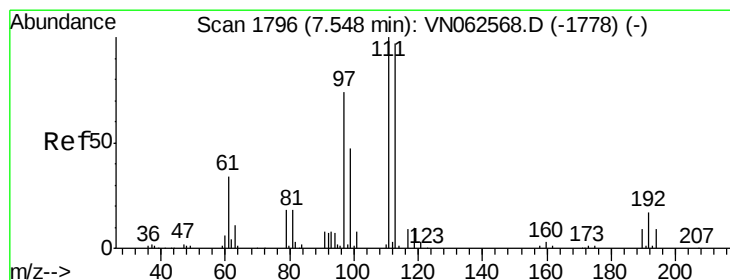
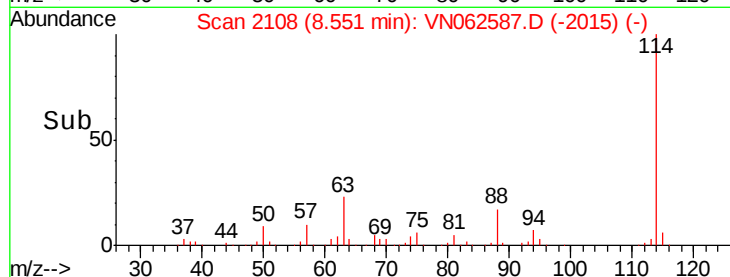
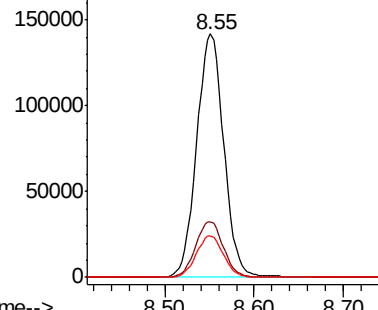
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062587.D
Acq: 22 Jul 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBL01

Tot Ion:114 Resp: 298658
Ion Ratio Lower Upper
114 100
63 22.8 0.0 48.4
88 16.9 0.0 33.8

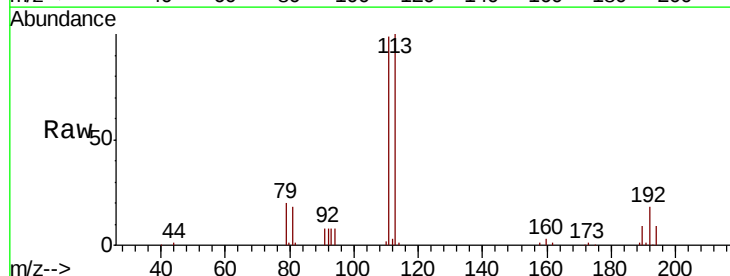


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

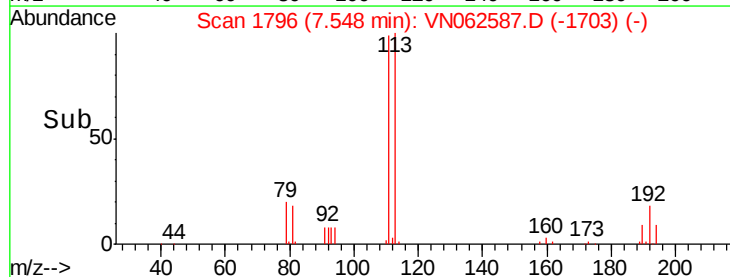
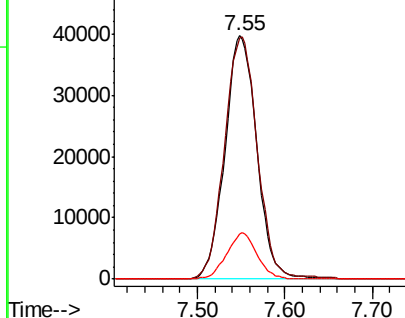


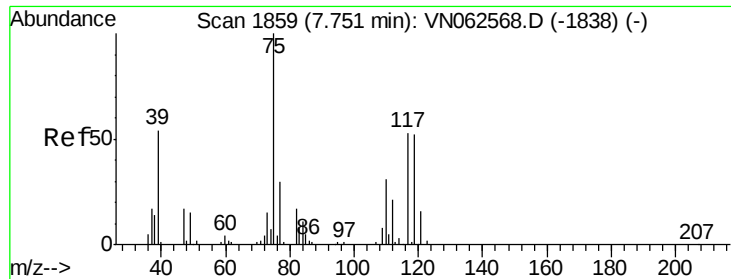
#35
Dibromofluoromethane
Concen: 51.170 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062587.D
Acq: 22 Jul 2020 11:25

Tgt Ion:113 Resp: 100383
Ion Ratio Lower Upper
113 100
111 102.0 82.7 124.1
192 18.0 14.8 22.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

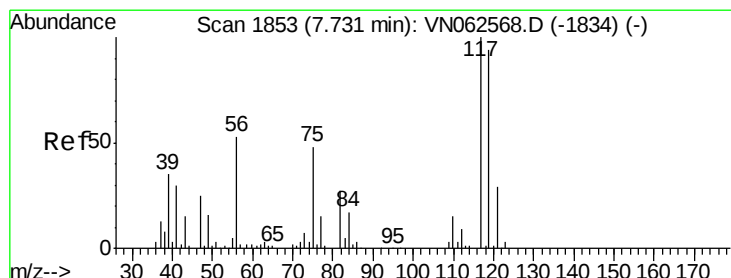
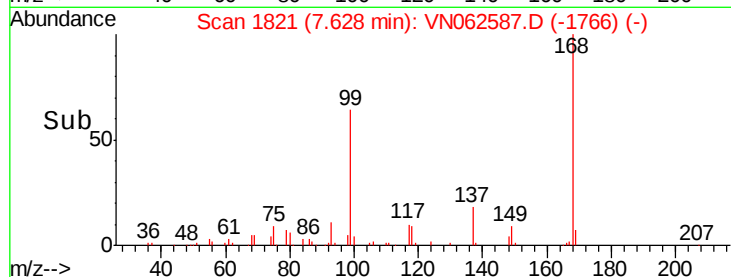
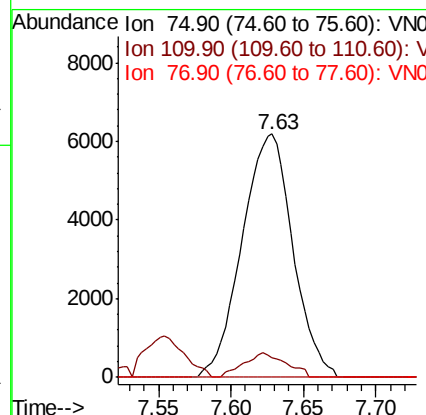
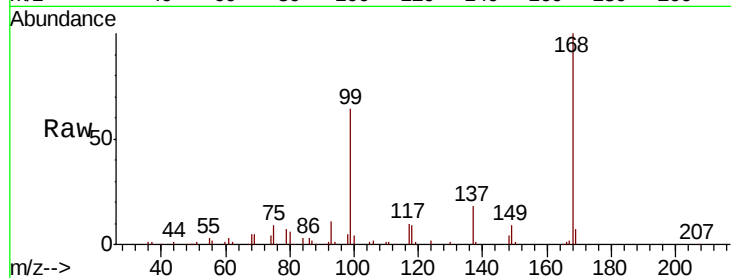




#36
 1,1-Dichloropropene
 Concen: 4.739 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.12 min
 Lab File: VN062587.D
 Acq: 22 Jul 2020 11:25

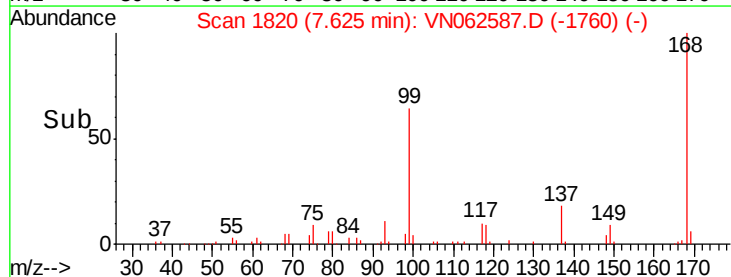
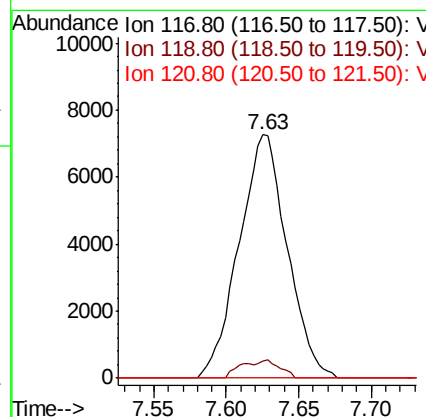
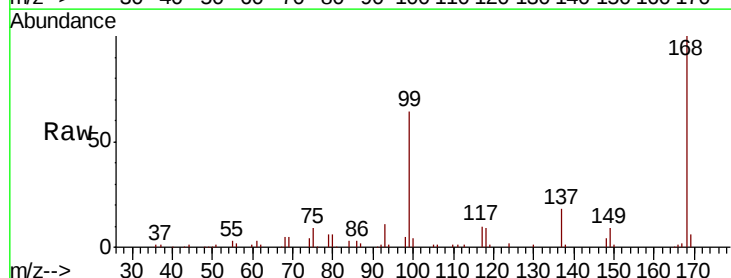
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBL01

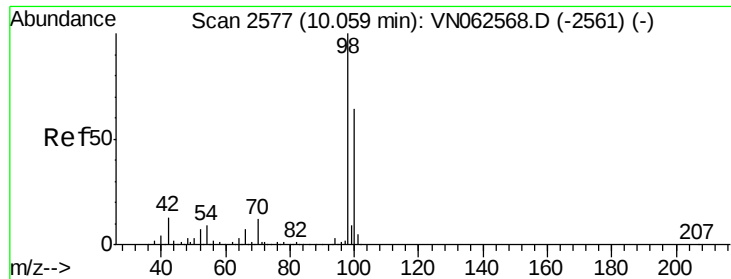
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.0	48.0#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.482 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN062587.D
 Acq: 22 Jul 2020 11:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.1	74.8	112.2#
121	0.0	23.0	34.6#





#50

Toluene-d8

Concen: 49.317 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062587.D

Acq: 22 Jul 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

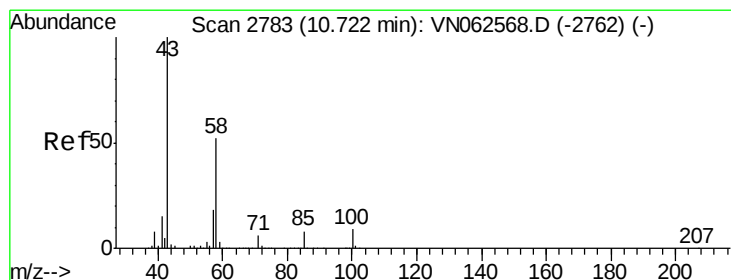
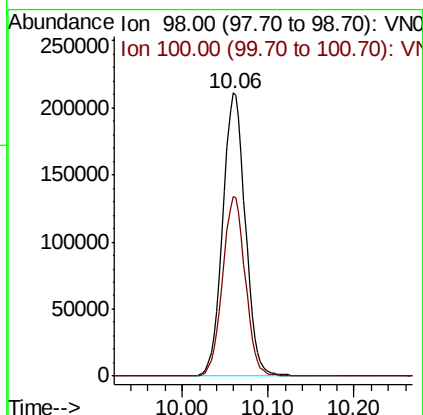
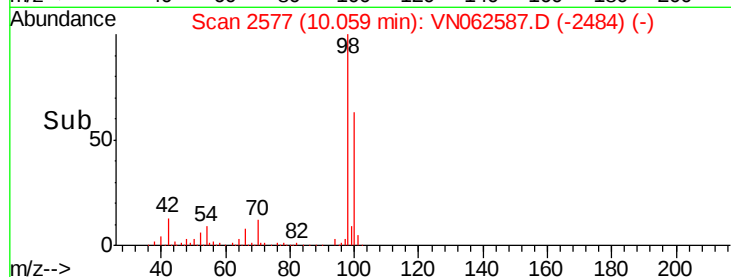
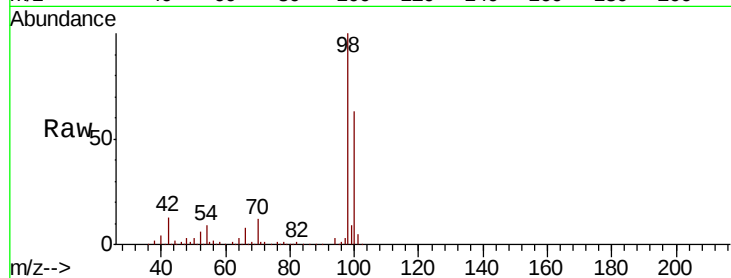
VN0722WBL01

Tot Ion: 98 Resp: 386015

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



#59

2-Hexanone

Concen: 3.110 ug/l

RT: 10.73 min Scan# 2785

Delta R.T. 0.01 min

Lab File: VN062587.D

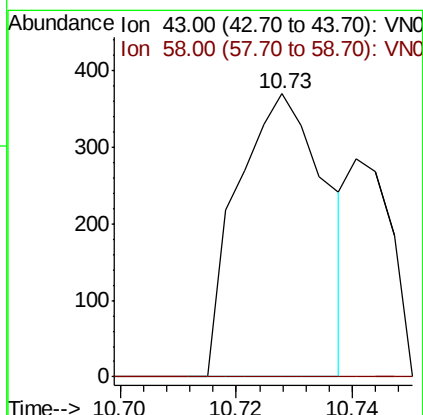
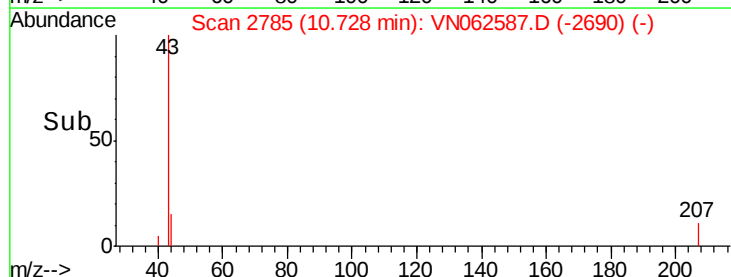
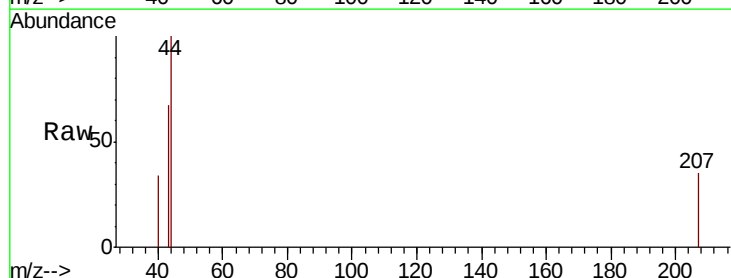
Acq: 22 Jul 2020 11:25

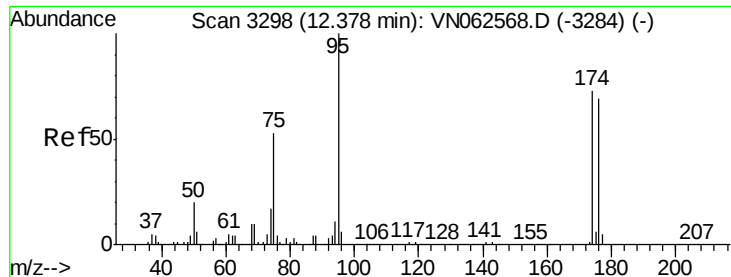
Tgt Ion: 43 Resp: 390

Ion Ratio Lower Upper

43 100

58 0.0 26.0 78.0#

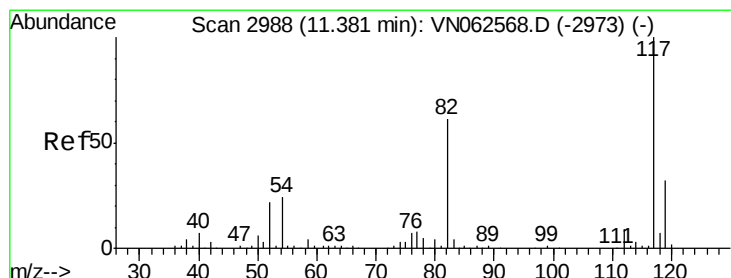
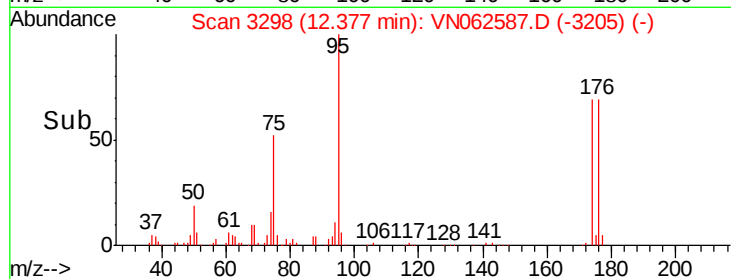
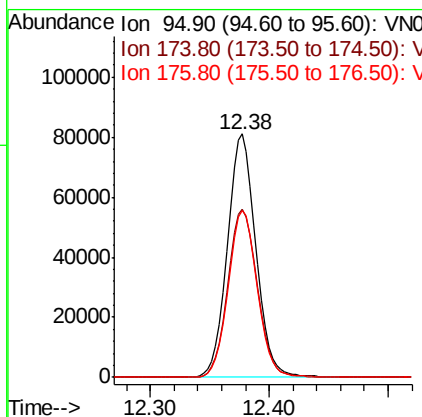
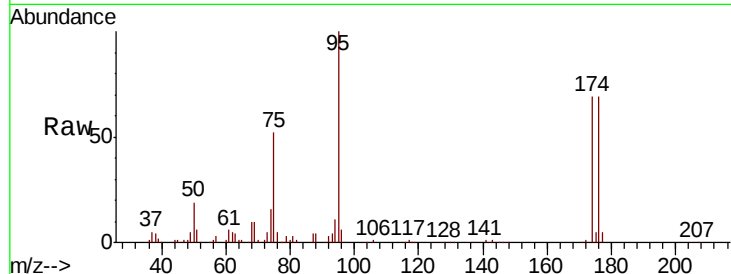




#62
4-Bromofluorobenzene
Concen: 46.951 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062587.D
Acq: 22 Jul 2020 11:25

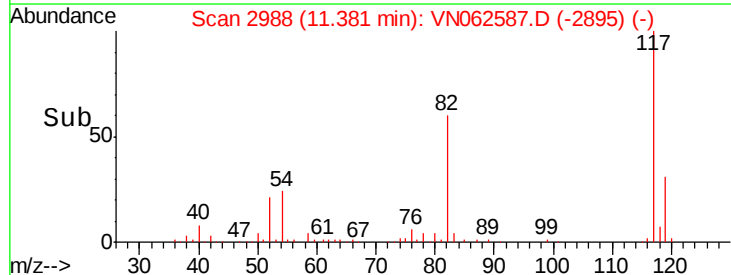
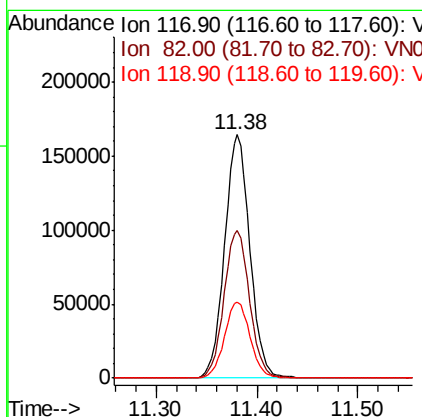
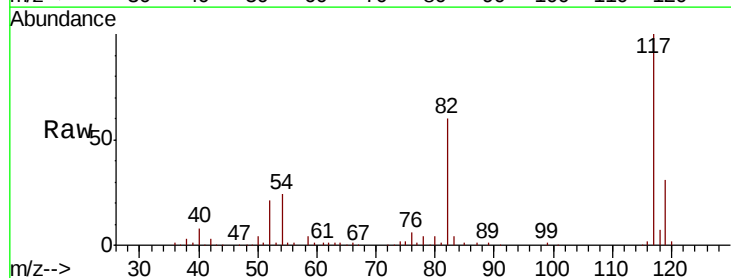
Instrument :
MSVOA_N
ClientSampled :
VN0722WBL01

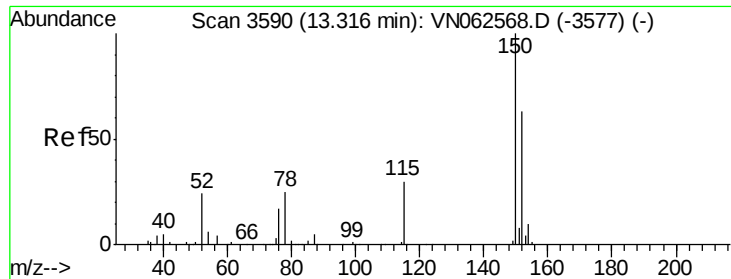
Tot Ion: 95 Resp: 134374
Ion Ratio Lower Upper
95 100
174 71.8 0.0 144.6
176 69.6 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062587.D
Acq: 22 Jul 2020 11:25

Tgt Ion: 117 Resp: 287768
Ion Ratio Lower Upper
117 100
82 60.4 49.0 73.6
119 31.4 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062587.D

Acq: 22 Jul 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBL01

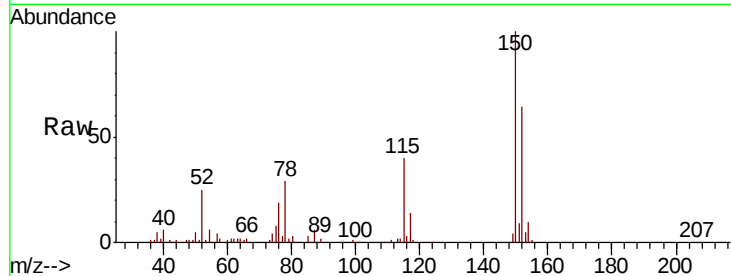
Tot Ion:152 Resp: 102941

Ion Ratio Lower Upper

152 100

115 61.5 31.8 95.4

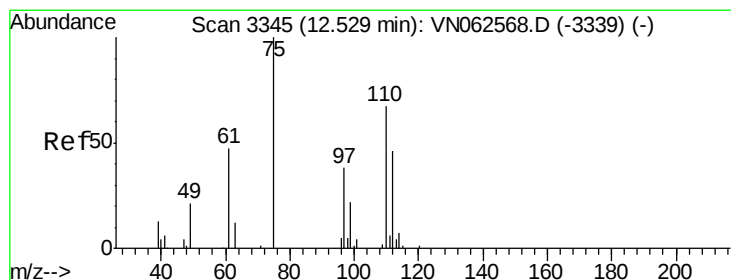
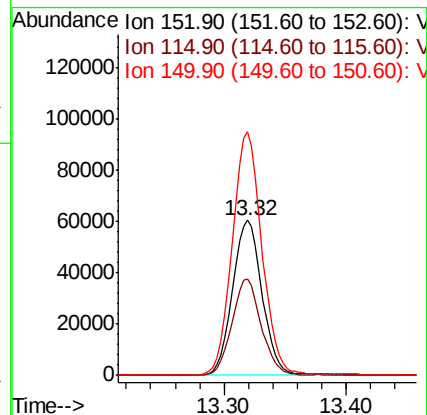
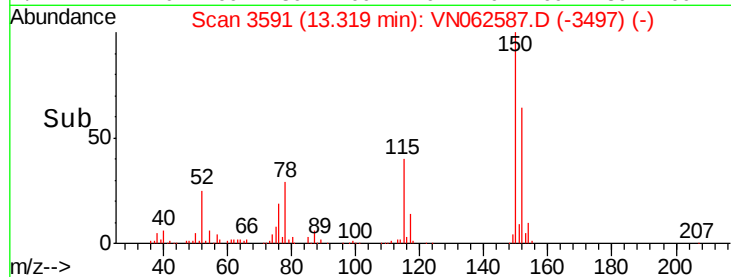
150 157.3 0.0 351.4



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: 27.339 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062587.D

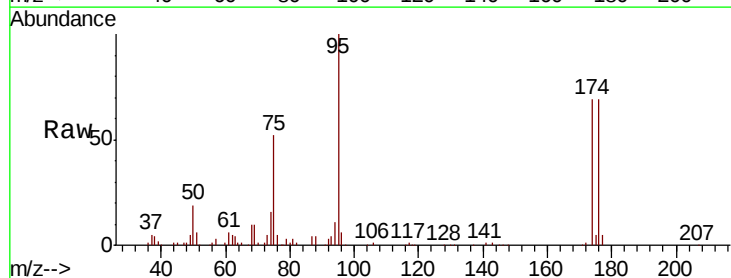
Acq: 22 Jul 2020 11:25

Tgt Ion: 75 Resp: 71634

Ion Ratio Lower Upper

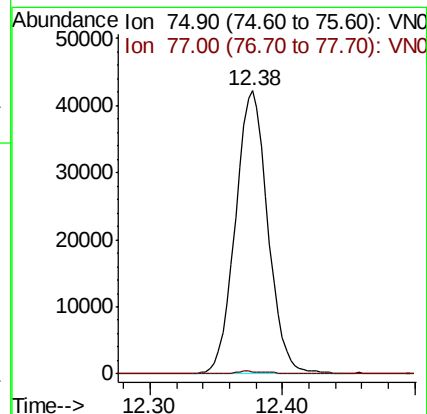
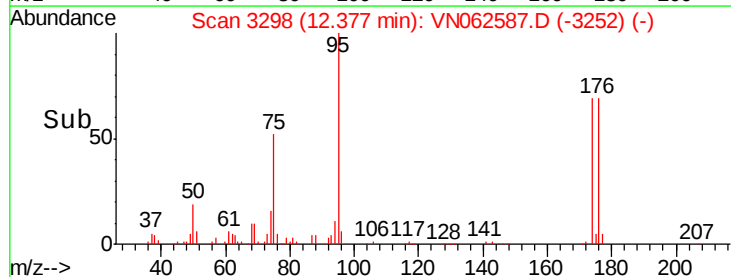
75 100

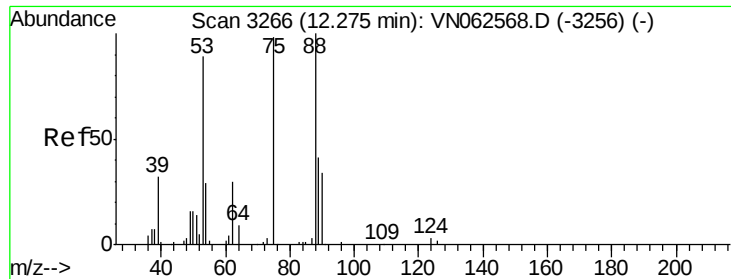
77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 76.105 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062587.D

Acq: 22 Jul 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBL01

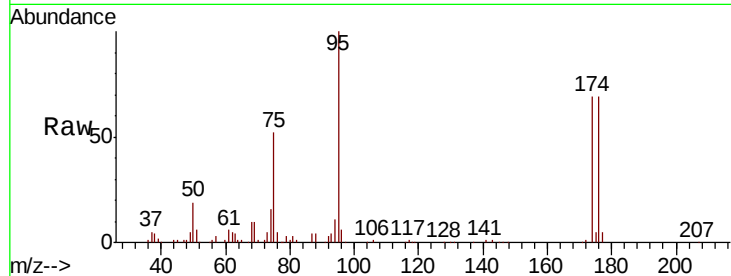
Tot Ion: 75 Resp: 71634

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

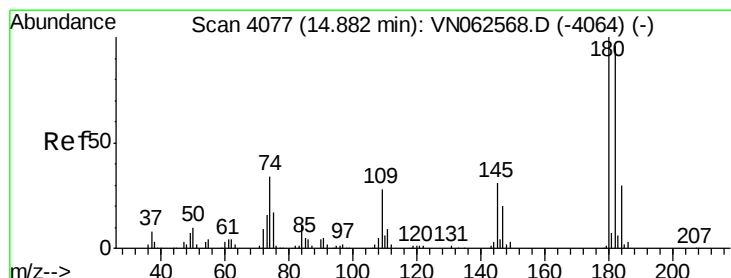
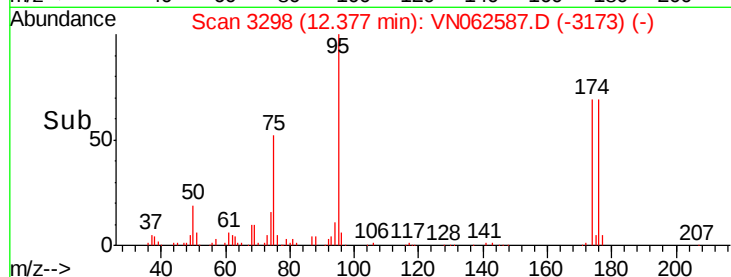
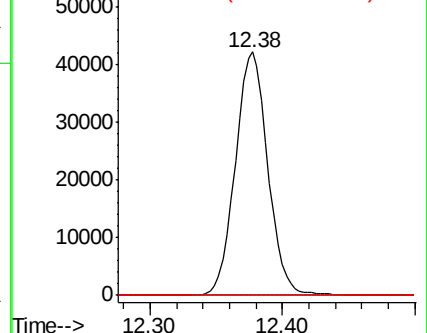
89 0.0 34.5 51.7#



Abundance Ion 74.90 (74.60 to 75.60): VN062587.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062587.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062587.D (-3173) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.136 ug/l

RT: 14.89 min Scan# 4079

Delta R.T. 0.01 min

Lab File: VN062587.D

Acq: 22 Jul 2020 11:25

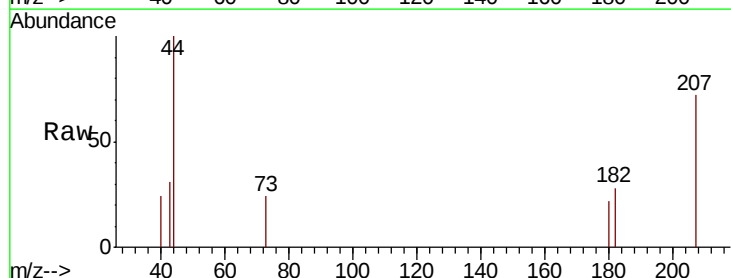
Tgt Ion: 180 Resp: 59

Ion Ratio Lower Upper

180 100

182 279.7 47.8 143.3#

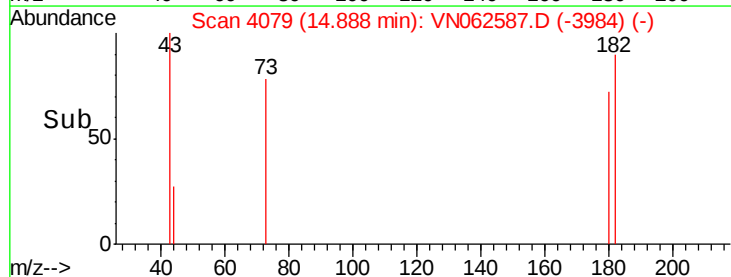
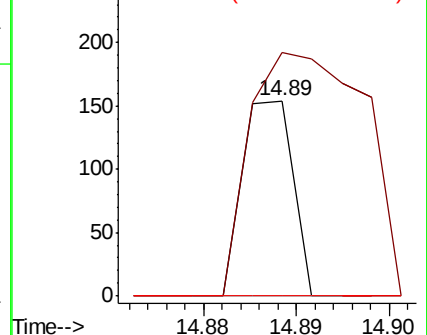
145 0.0 15.3 45.9#

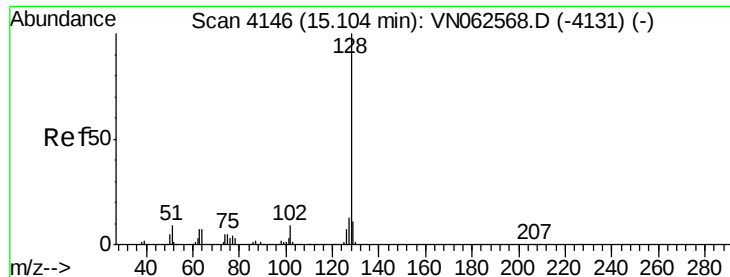


Abundance Ion 179.80 (179.50 to 180.50): VN062587.D (-3984) (-)

Ion 181.80 (181.50 to 182.50): VN062587.D (-3984) (-)

Ion 144.80 (144.50 to 145.50): VN062587.D (-3984) (-)





#95

Naphthalene

Concen: 3.932 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062587.D

Acq: 22 Jul 2020 11:25

Instrument :

MSVOA_N

ClientSampled :

VN0722WBL01

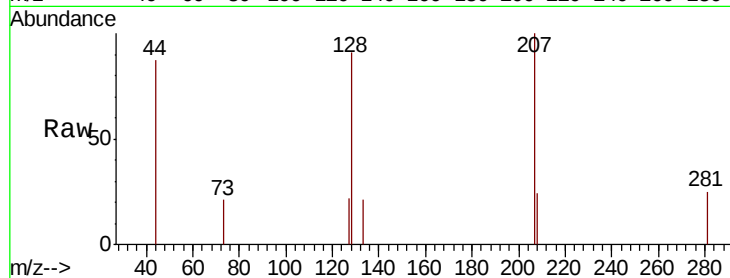
Tot Ion:128 Resp: 846

Ion Ratio Lower Upper

128 100

127 11.0 10.4 15.6

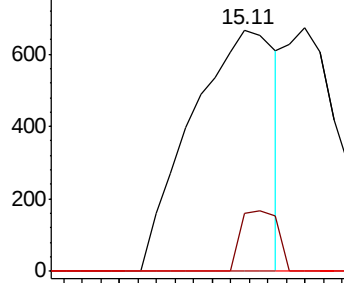
129 0.0 8.7 13.1#



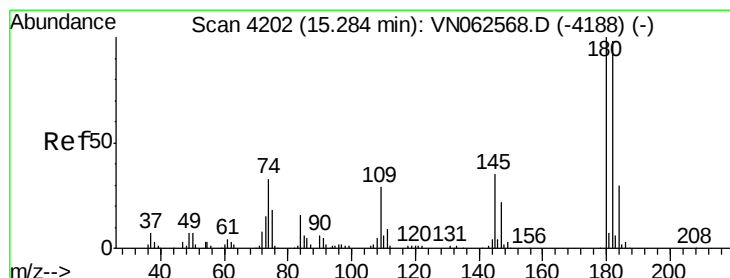
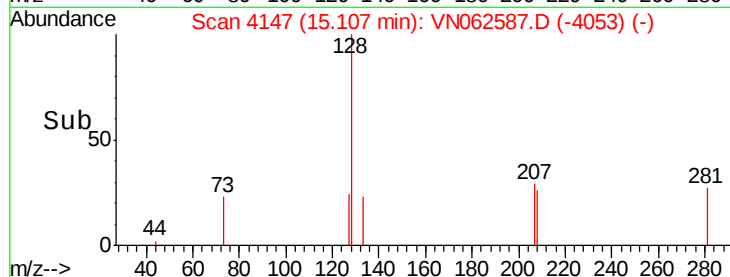
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 0.259 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062587.D

Acq: 22 Jul 2020 11:25

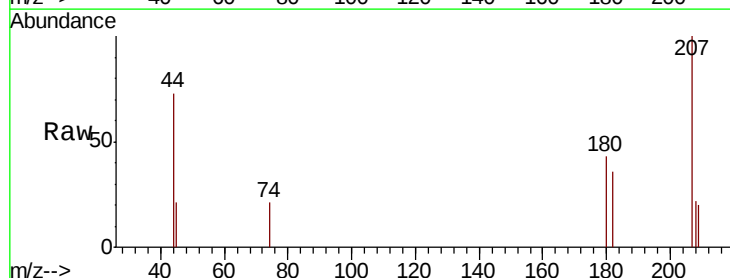
Tgt Ion:180 Resp: 401

Ion Ratio Lower Upper

180 100

182 114.0 48.1 144.3

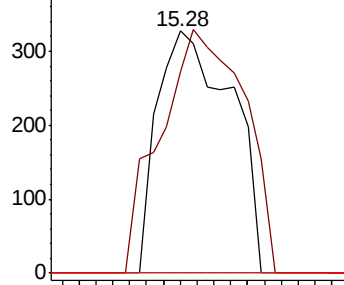
145 0.0 16.7 50.1#



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



Time-->

