

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073020\
 Data File : VN062659.D
 Acq On : 30 Jul 2020 9:58
 Operator : JC/MD
 Sample : VN0730MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730MBL01

Quant Time: Jul 31 04:03:15 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	7.62	168	132605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	232883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	224463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	79113	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	114140	55.41	ug/l	0.00
Spiked Amount			Recovery	=	110.82%	
35) Dibromofluoromethane	7.54	113	81465	53.26	ug/l	0.00
Spiked Amount			Recovery	=	106.52%	
50) Toluene-d8	10.06	98	301549	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.38	95	101593	45.52	ug/l	0.00
Spiked Amount			Recovery	=	91.04%	

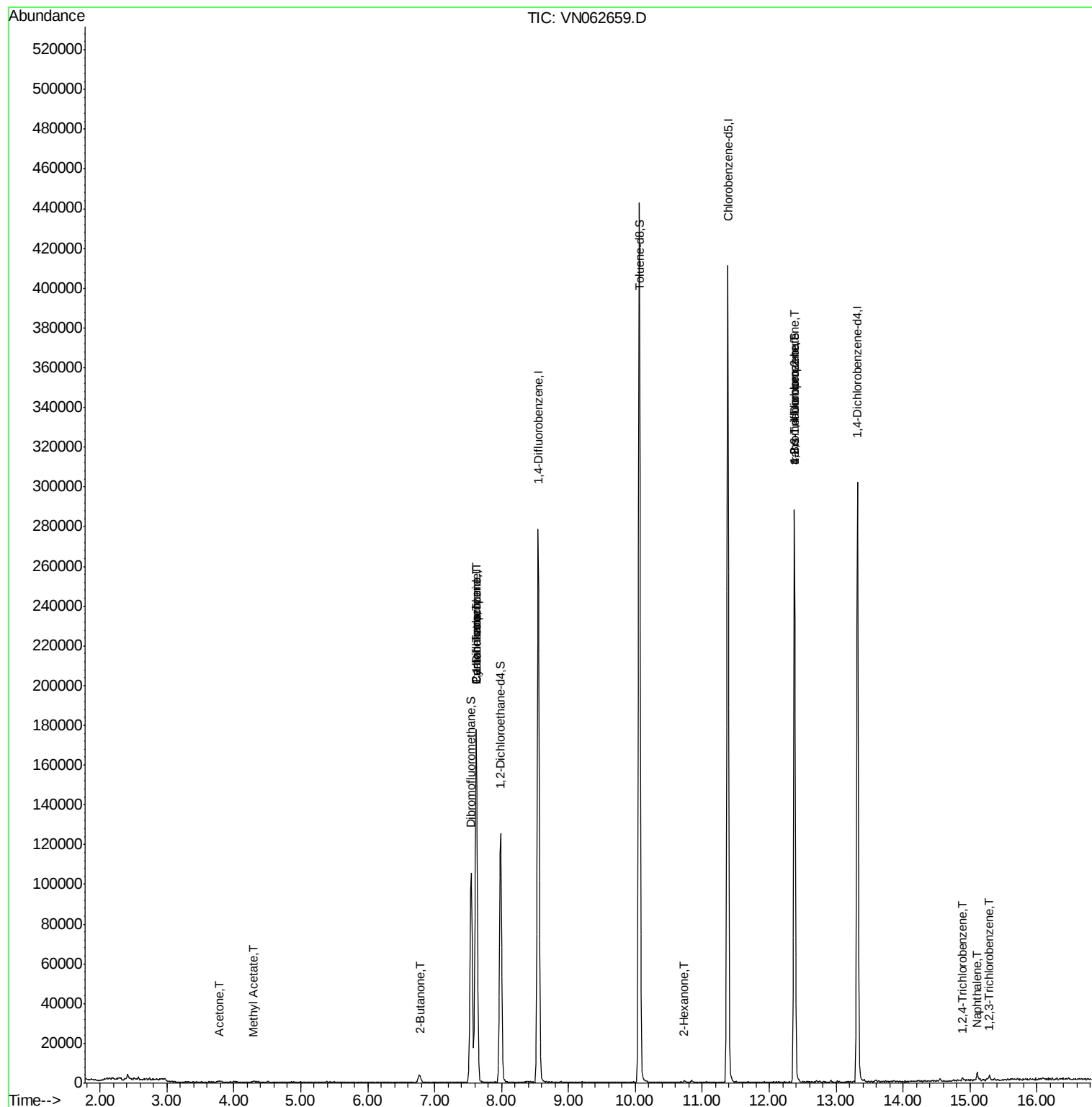
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	1382	1.783	ug/l #	44
18) Methyl Acetate	4.29	43	628	0.320	ug/l #	56
25) 2-Butanone	6.80	43	249	0.211	ug/l #	52
31) Cyclohexane	7.62	56	3376	1.112	ug/l #	7
36) 1,1-Dichloropropene	7.62	75	12253	4.936	ug/l #	51
38) Carbon Tetrachloride	7.62	117	14105	5.912	ug/l #	18
59) 2-Hexanone	10.73	43	800	3.355	ug/l #	51
76) 1,2,3-Trichloropropane	12.38	75	56096	27.857	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	56096	77.548	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.89	180	619	3.542	ug/l	95
95) Naphthalene	15.11	128	3672	4.727	ug/l	94
96) 1,2,3-Trichlorobenzene	15.28	180	1118	0.940	ug/l #	79

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073020\
Data File : VN062659.D
Acq On : 30 Jul 2020 9:58
Operator : JC/MD
Sample : VN0730MBL01
Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0730MBL01

Quant Time: Jul 31 04:03:15 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: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062659.D

Acq: 30 Jul 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

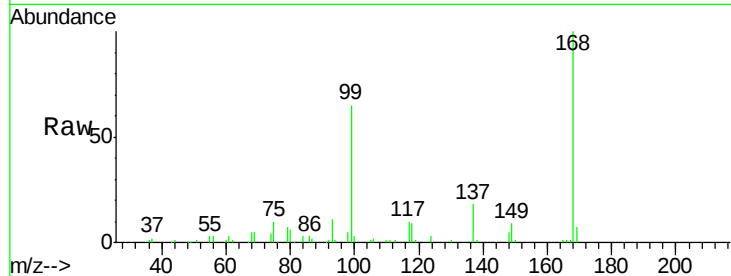
VN0730MBL01

Tot Ion:168 Resp: 132605

Ion Ratio Lower Upper

168 100

99 65.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

60000

50000

40000

30000

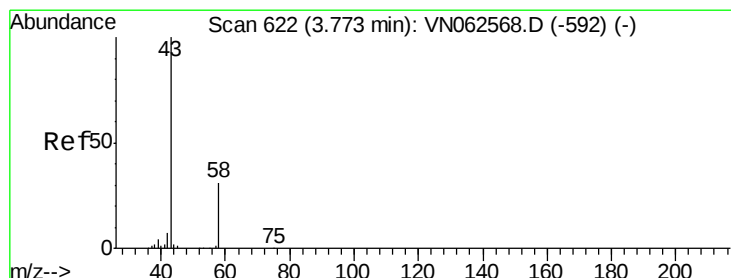
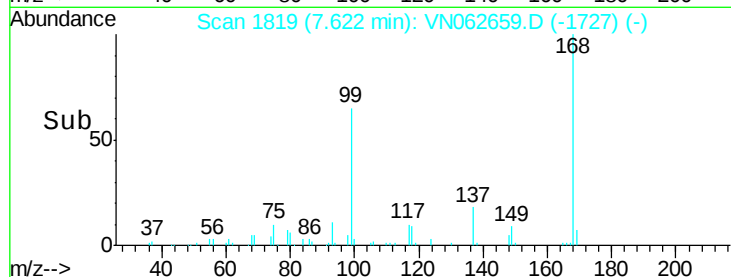
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 1.783 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062659.D

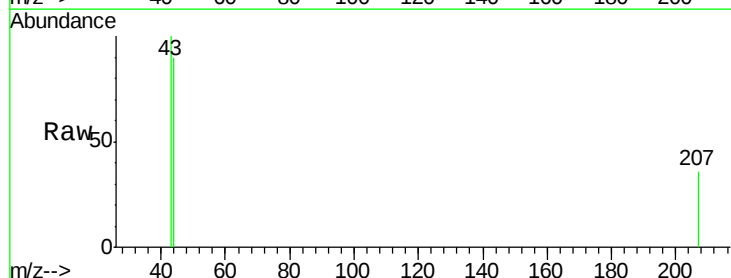
Acq: 30 Jul 2020 9:58

Tgt Ion: 43 Resp: 1382

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

600

500

400

300

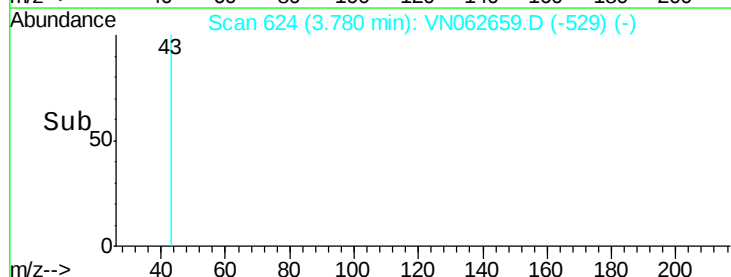
200

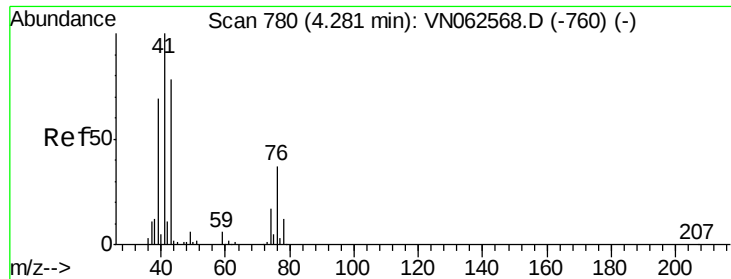
100

0

Time-->

3.75 3.80 3.85

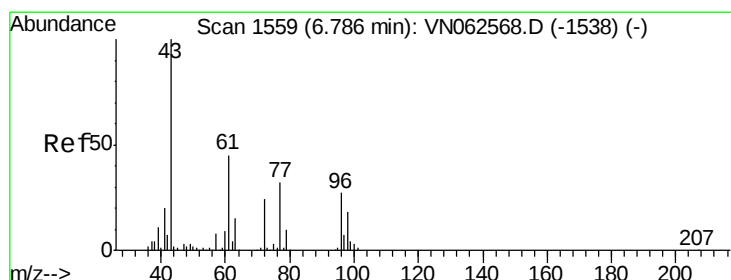
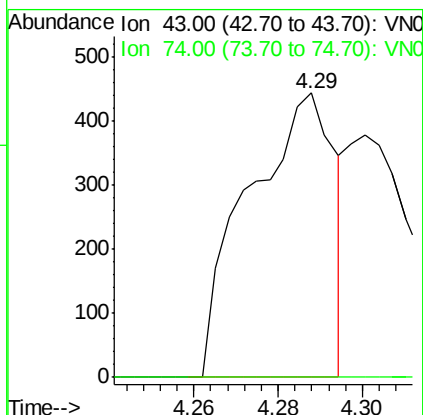
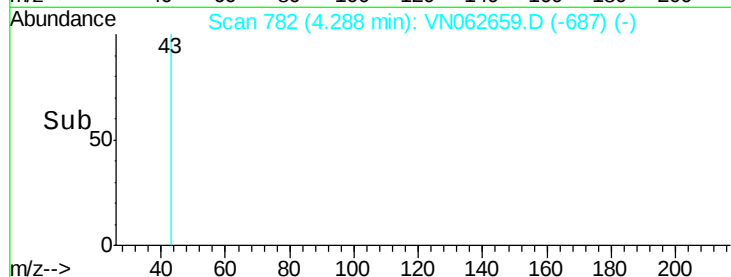
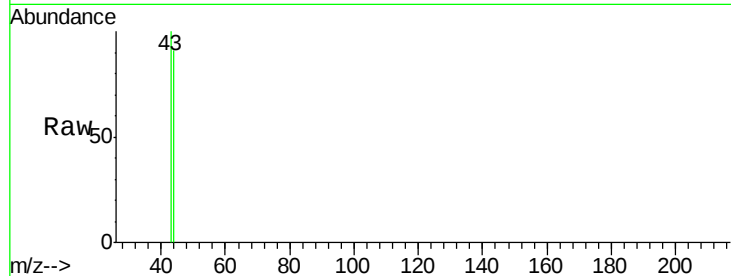




#18
Methvl Acetate
Concen: 0.320 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062659.D
Acq: 30 Jul 2020 9:58

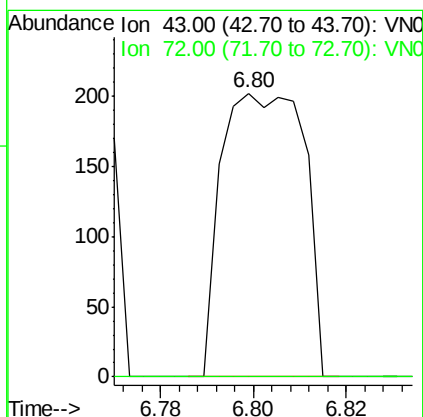
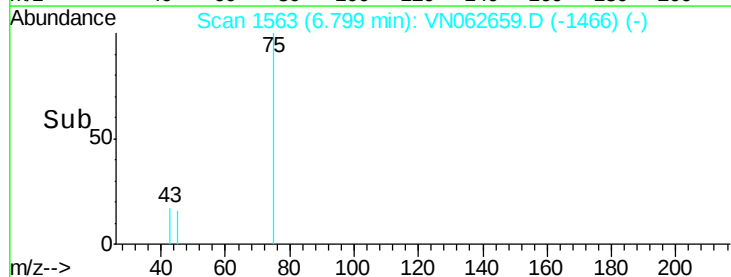
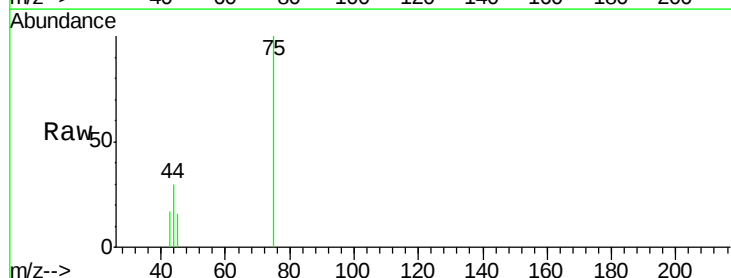
Instrument :
MSVOA_N
ClientSampleId :
VN0730MBL01

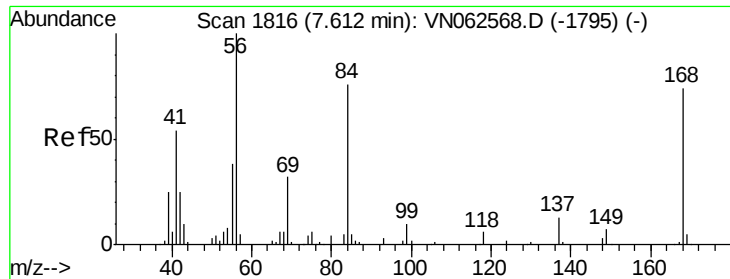
Tot Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 0.211 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VN062659.D
Acq: 30 Jul 2020 9:58

Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
72 0.0 19.0 28.6#

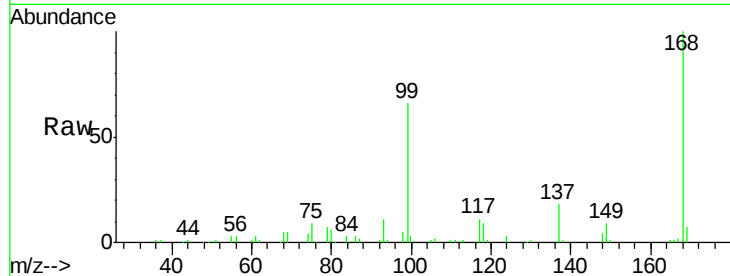




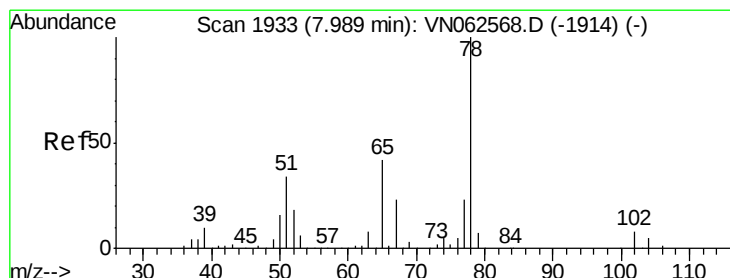
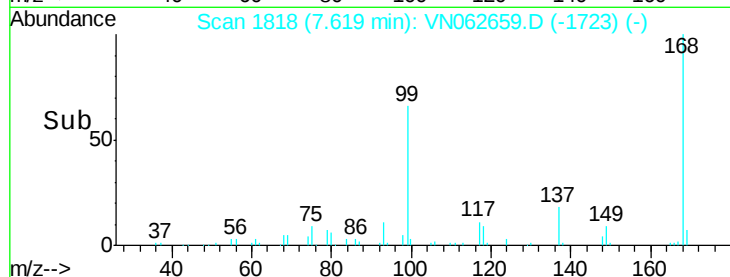
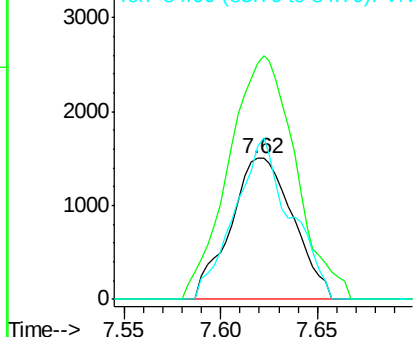
#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.62 min Scan# 1816
Delta R.T. 0.01 min
Lab File: VN062659.D
Acq: 30 Jul 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VN0730MBL01

Tot Ion: 56 Resp: 3376
Ion Ratio Lower Upper
56 100
69 156.7 25.3 37.9#
84 108.5 61.0 91.4#

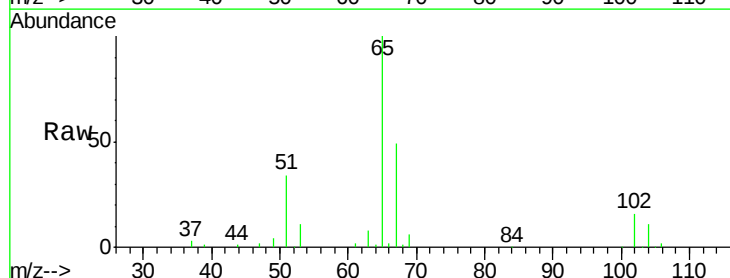


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

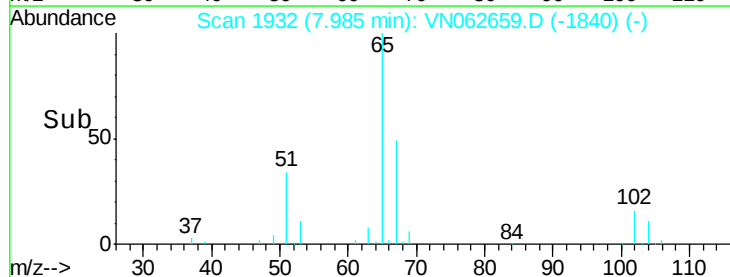
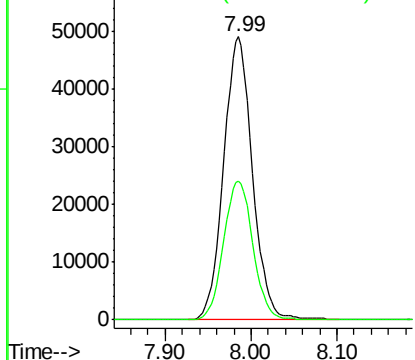


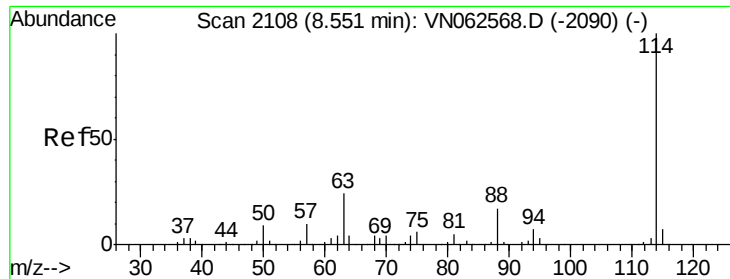
#33
1,2-Dichloroethane-d4
Concen: 55.409 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN062659.D
Acq: 30 Jul 2020 9:58

Tgt Ion: 65 Resp: 114140
Ion Ratio Lower Upper
65 100
67 49.9 0.0 106.0



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

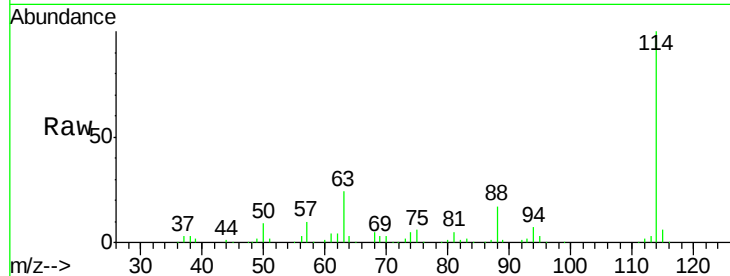




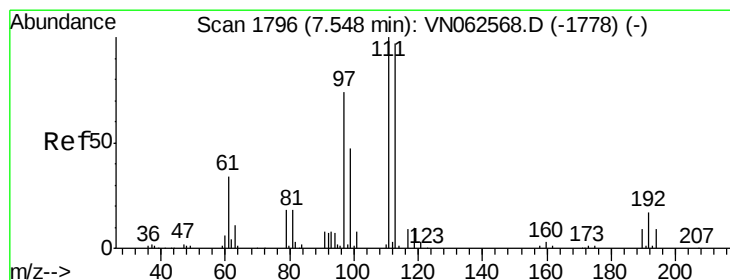
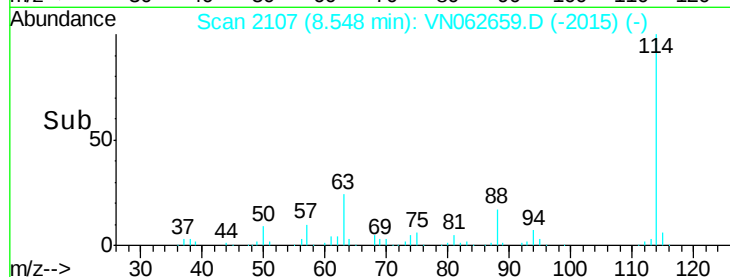
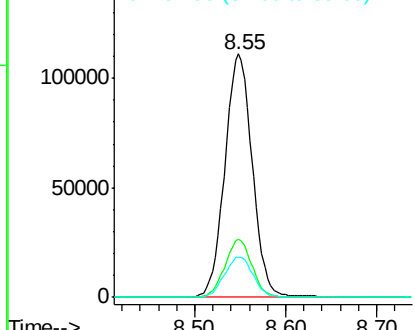
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062659.D
 Acq: 30 Jul 2020 9:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730MBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	48.4
88	16.7	0.0	33.8

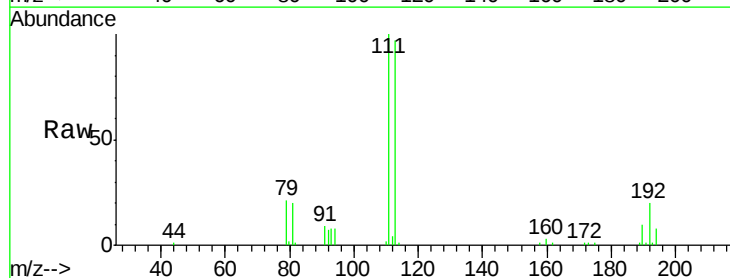


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

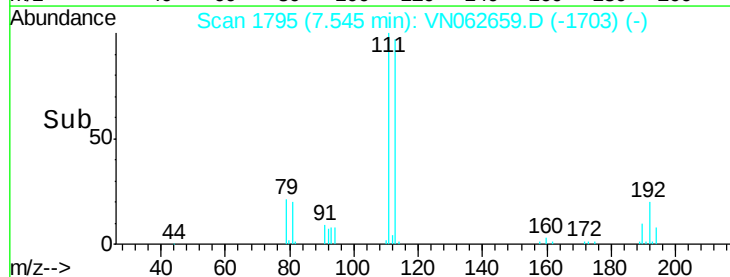
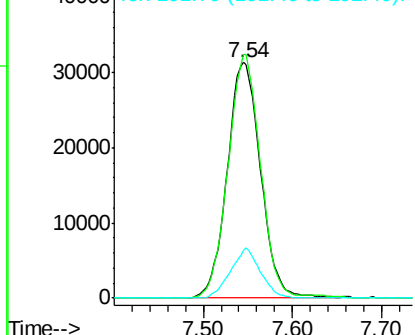


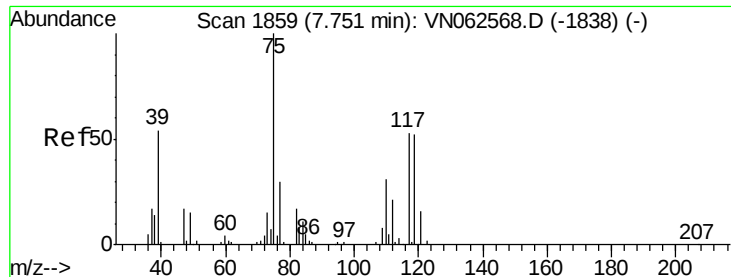
#35
 Dibromofluoromethane
 Concen: 53.255 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062659.D
 Acq: 30 Jul 2020 9:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.9	82.7	124.1
192	19.0	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

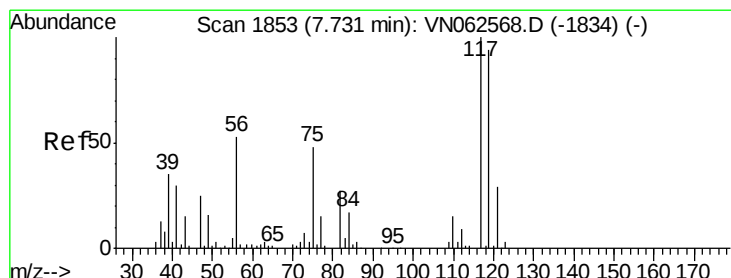
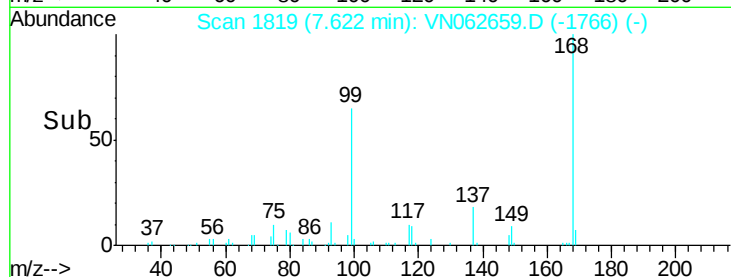
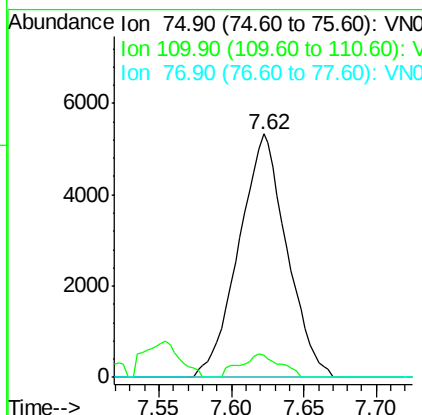
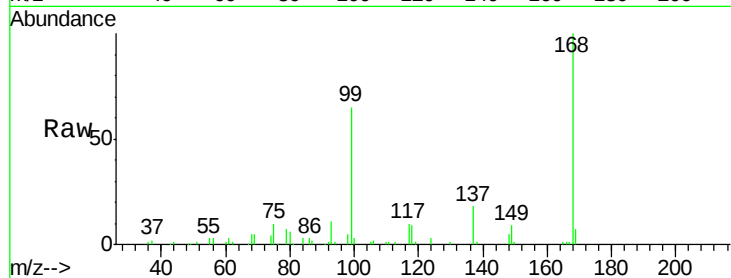




#36
 1,1-Dichloropropene
 Concen: 4.936 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062659.D
 Acq: 30 Jul 2020 9:58

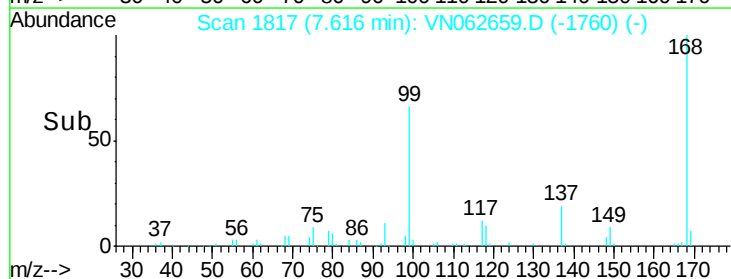
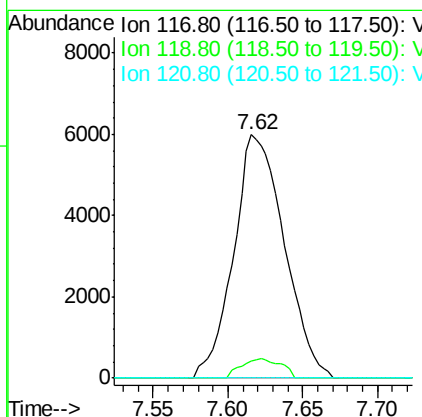
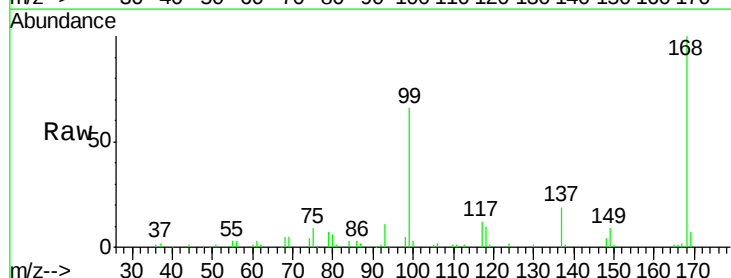
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730MBL01

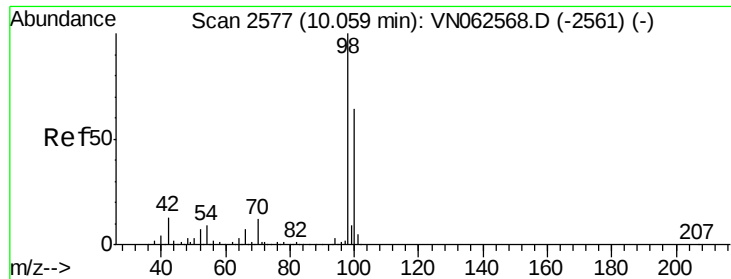
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.0	48.0#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.912 ug/l
 RT: 7.62 min Scan# 1817
 Delta R.T. -0.12 min
 Lab File: VN062659.D
 Acq: 30 Jul 2020 9:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.8	74.8	112.2#
121	0.0	23.0	34.6#





#50

Toluene-d8

Concen: 49.406 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062659.D

Acq: 30 Jul 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

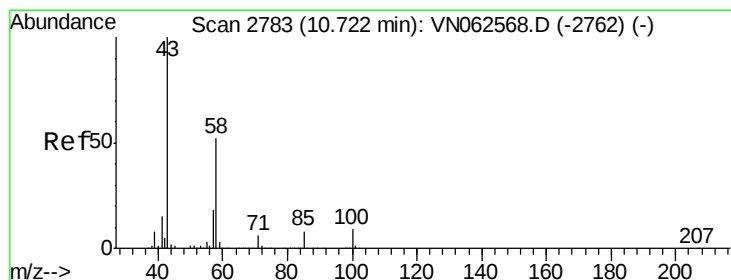
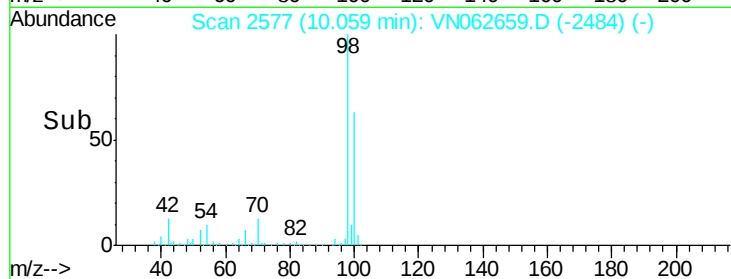
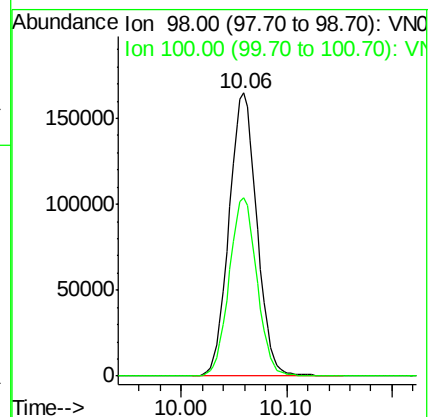
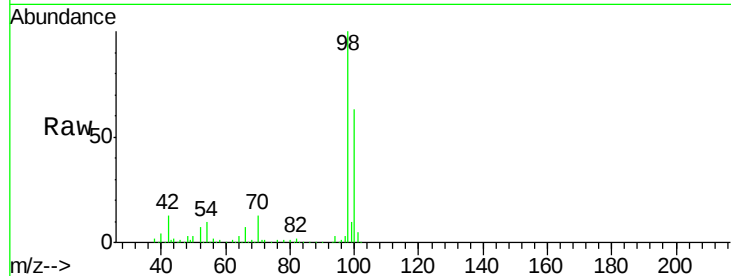
VN0730MBL01

Tot Ion: 98 Resp: 301549

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3



#59

2-Hexanone

Concen: 3.355 ug/l

RT: 10.73 min Scan# 2785

Delta R.T. 0.01 min

Lab File: VN062659.D

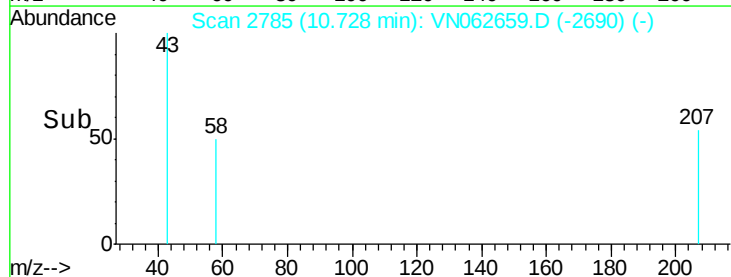
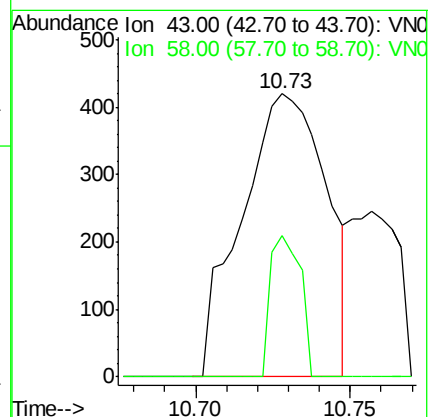
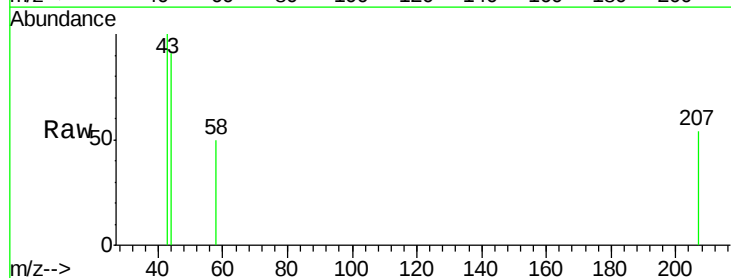
Acq: 30 Jul 2020 9:58

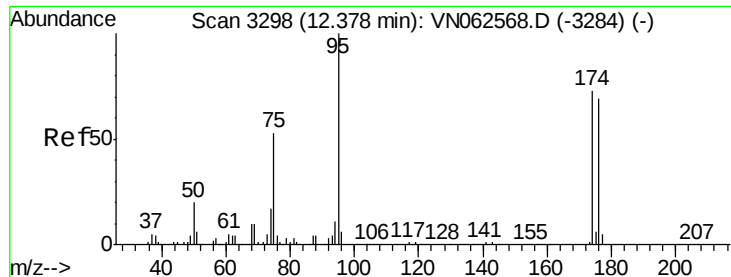
Tgt Ion: 43 Resp: 800

Ion Ratio Lower Upper

43 100

58 17.8 26.0 78.0#

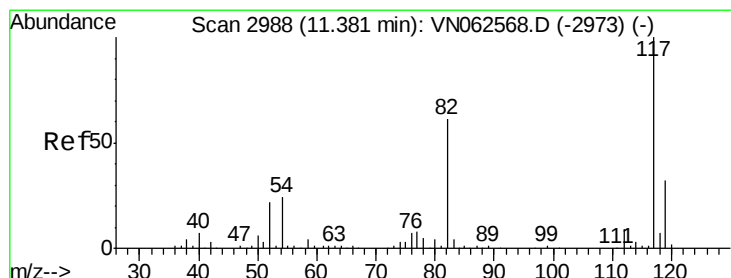
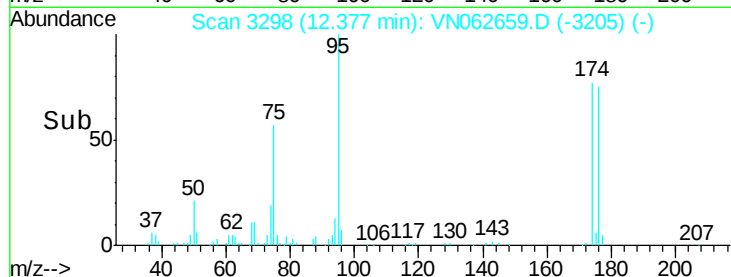
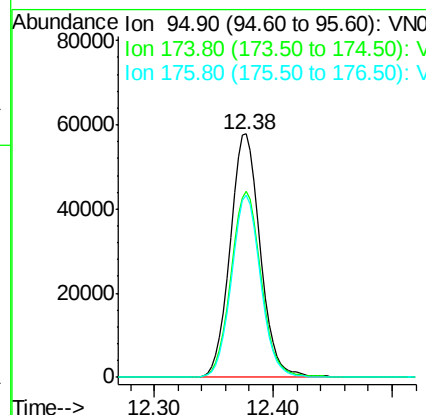
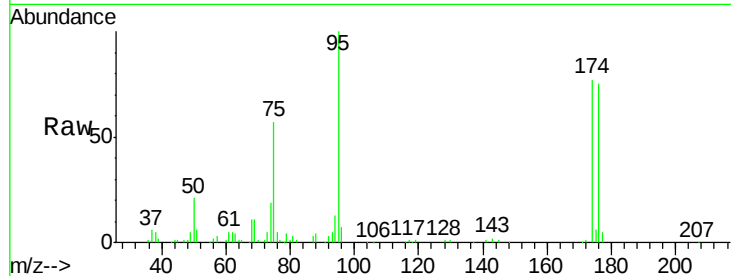




#62
4-Bromofluorobenzene
Concen: 45.523 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062659.D
Acq: 30 Jul 2020 9:58

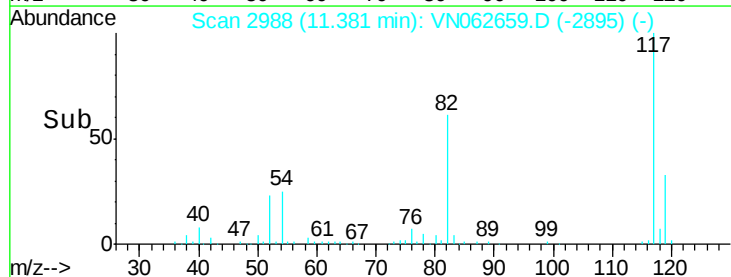
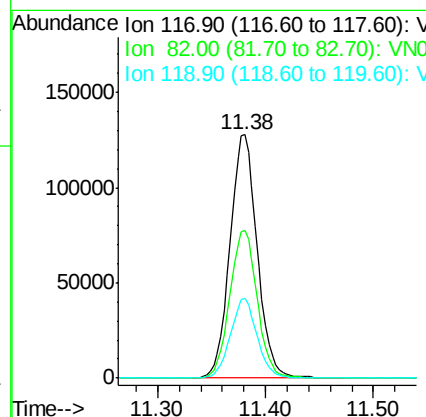
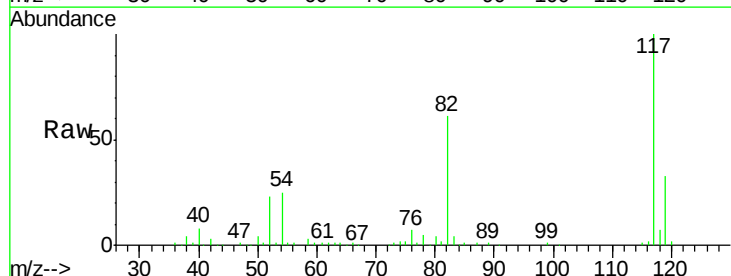
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ClientSampled :
VN0730MBL01

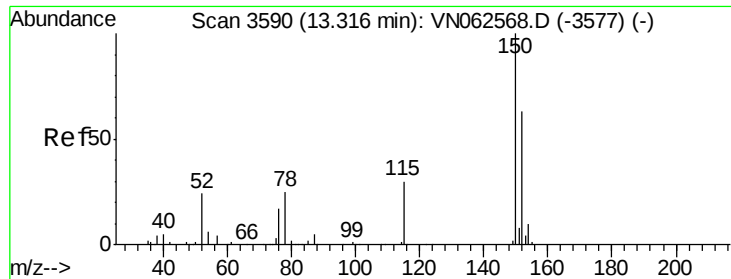
Tot Ion: 95 Resp: 101593
Ion Ratio Lower Upper
95 100
174 76.2 0.0 144.6
176 72.1 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062659.D
Acq: 30 Jul 2020 9:58

Tgt Ion: 117 Resp: 224463
Ion Ratio Lower Upper
117 100
82 60.8 49.0 73.6
119 32.6 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: VN062659.D

Acq: 30 Jul 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VN0730MBL01

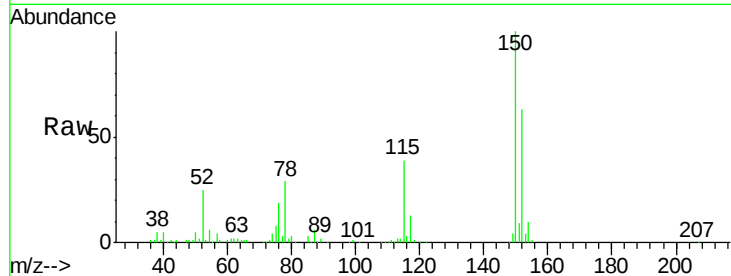
Tot Ion:152 Resp: 79113

Ion Ratio Lower Upper

152 100

115 62.7 31.8 95.4

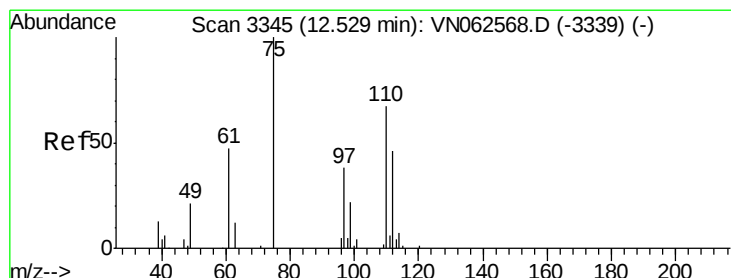
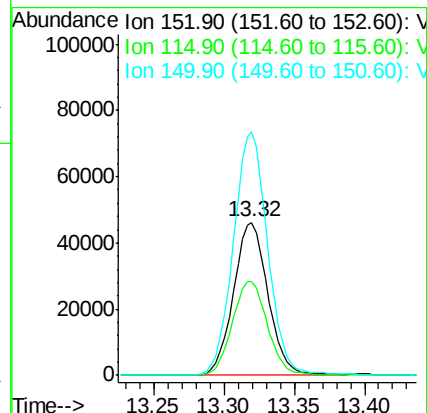
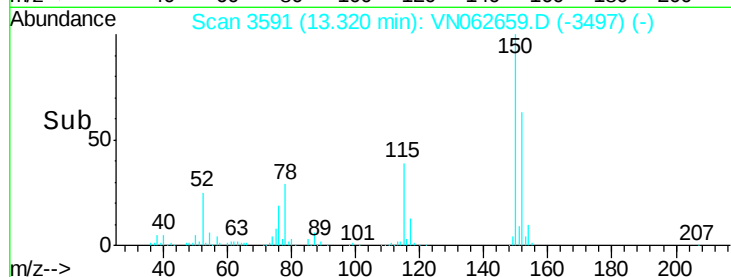
150 158.7 0.0 351.4



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: 27.857 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062659.D

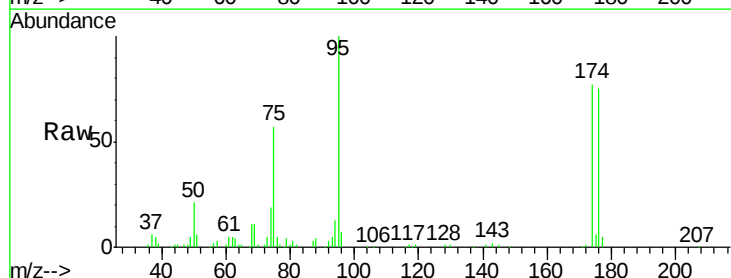
Acq: 30 Jul 2020 9:58

Tgt Ion: 75 Resp: 56096

Ion Ratio Lower Upper

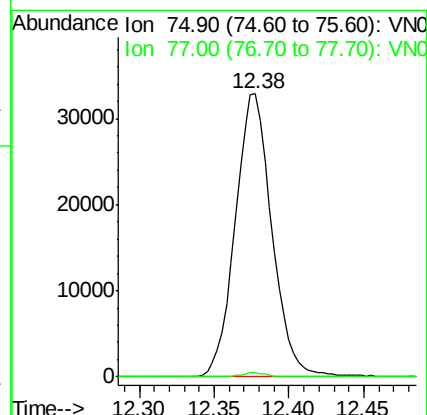
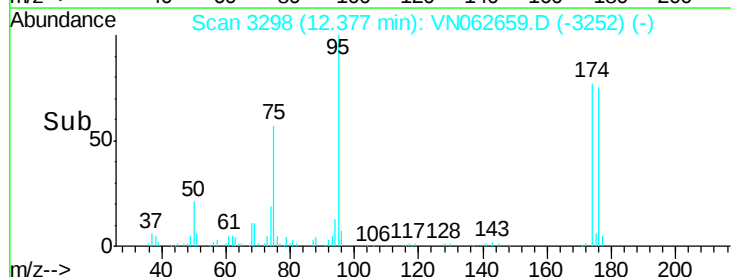
75 100

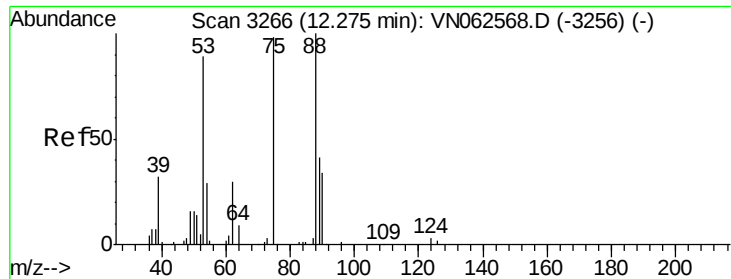
77 0.9 0.0 0.0#



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: 77.548 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062659.D

Acq: 30 Jul 2020 9:58

Instrument :

MSVOA_N

ClientSampled :

VN0730MBL01

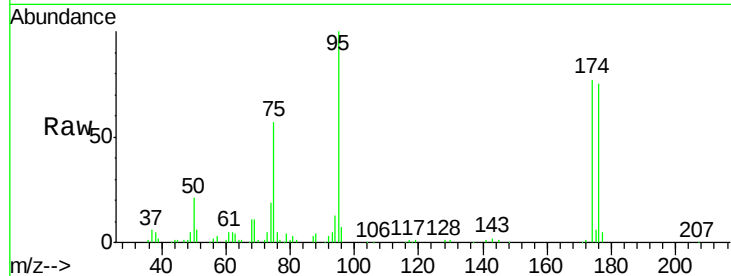
Tot Ion: 75 Resp: 56096

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

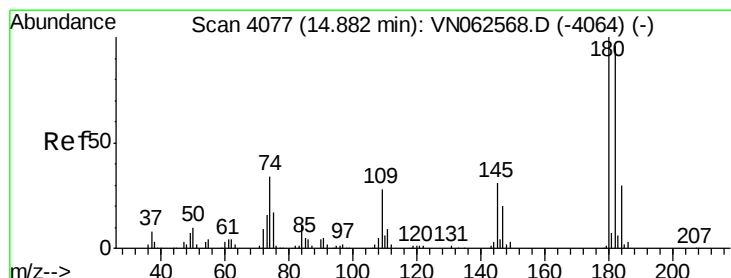
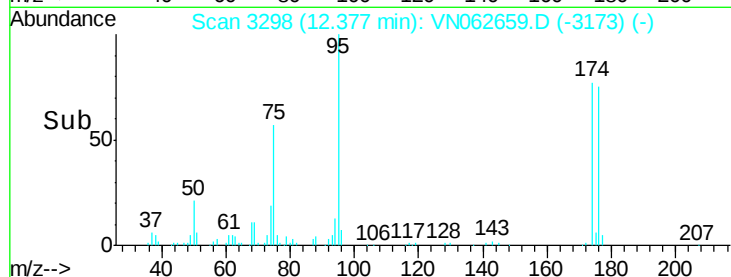
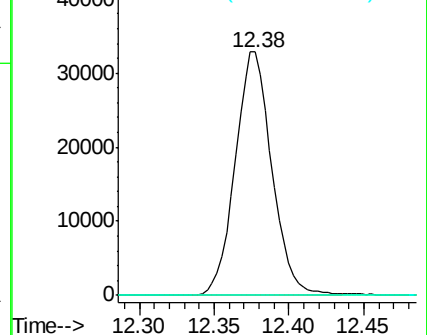
89 0.0 34.5 51.7#



Abundance Ion 74.90 (74.60 to 75.60): VN062659.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062659.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062659.D (-3173) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.542 ug/l

RT: 14.89 min Scan# 4080

Delta R.T. 0.01 min

Lab File: VN062659.D

Acq: 30 Jul 2020 9:58

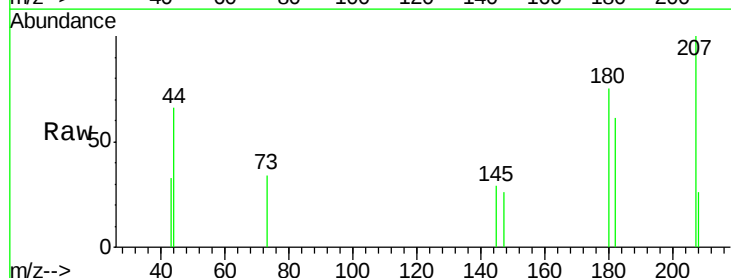
Tgt Ion: 180 Resp: 619

Ion Ratio Lower Upper

180 100

182 90.3 47.8 143.3

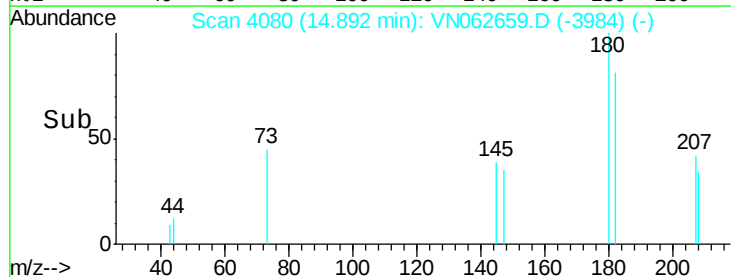
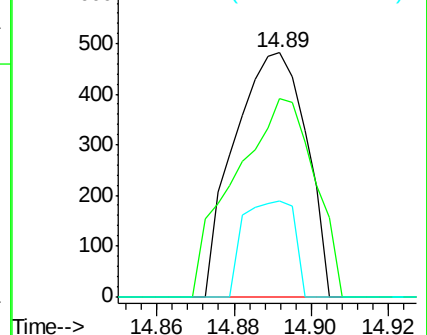
145 27.6 15.3 45.9

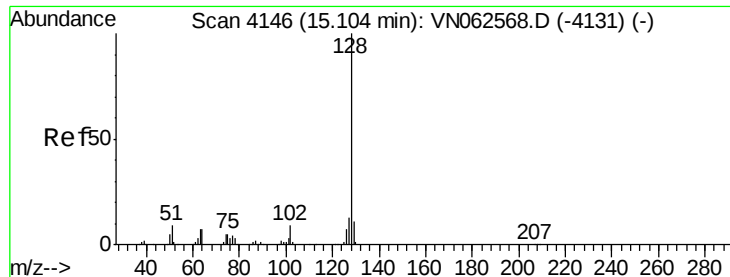


Abundance Ion 179.80 (179.50 to 180.50): VN062659.D (-3984) (-)

Ion 181.80 (181.50 to 182.50): VN062659.D (-3984) (-)

Ion 144.80 (144.50 to 145.50): VN062659.D (-3984) (-)

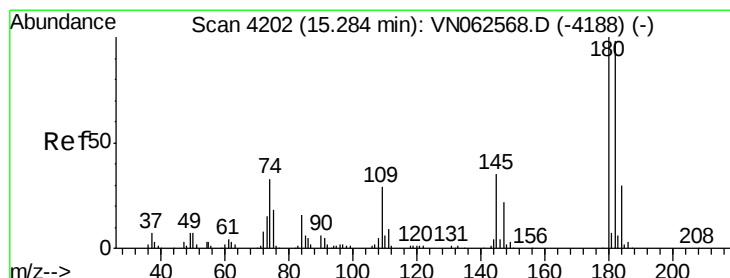
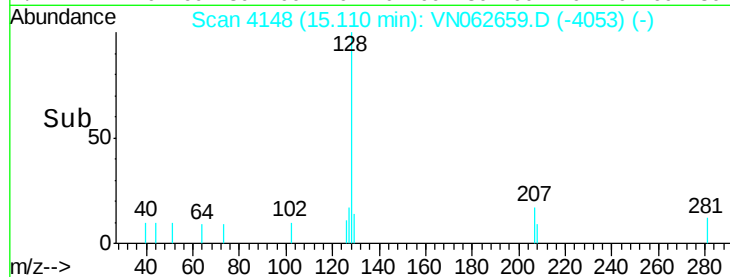
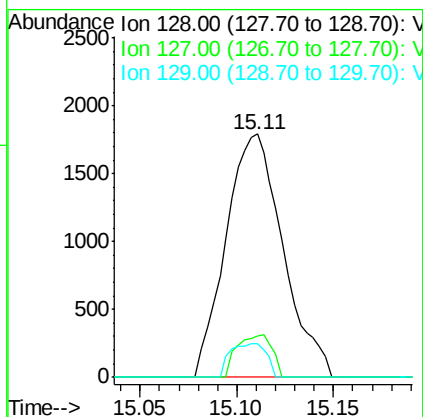
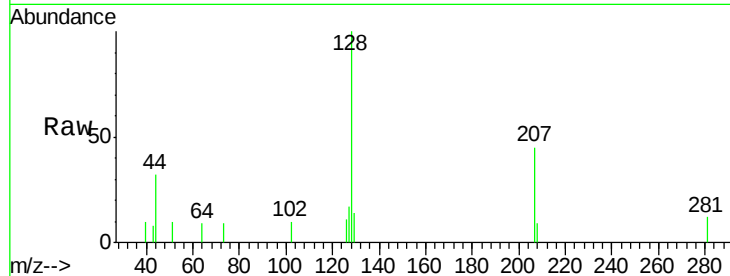




#95
Naphthalene
Concen: 4.727 ug/l
RT: 15.11 min Scan# 4148
Delta R.T. 0.01 min
Lab File: VN062659.D
Acq: 30 Jul 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VN0730MBL01

Tot Ion:128 Resp: 3672
Ion Ratio Lower Upper
128 100
127 10.7 10.4 15.6
129 8.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.940 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062659.D
Acq: 30 Jul 2020 9:58

Tgt Ion:180 Resp: 1118
Ion Ratio Lower Upper
180 100
182 81.8 48.1 144.3
145 10.6 16.7 50.1#

