

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062220\
 Data File : VN061992.D
 Acq On : 22 Jun 2020 12:07
 Operator : JC/MD
 Sample : VN0622WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBL01

Quant Time: Jun 22 14:59:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	160127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	291434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	281604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104283	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	108711	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
35) Dibromofluoromethane	7.55	113	93184	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	10.06	98	367744	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.38	95	119311	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	

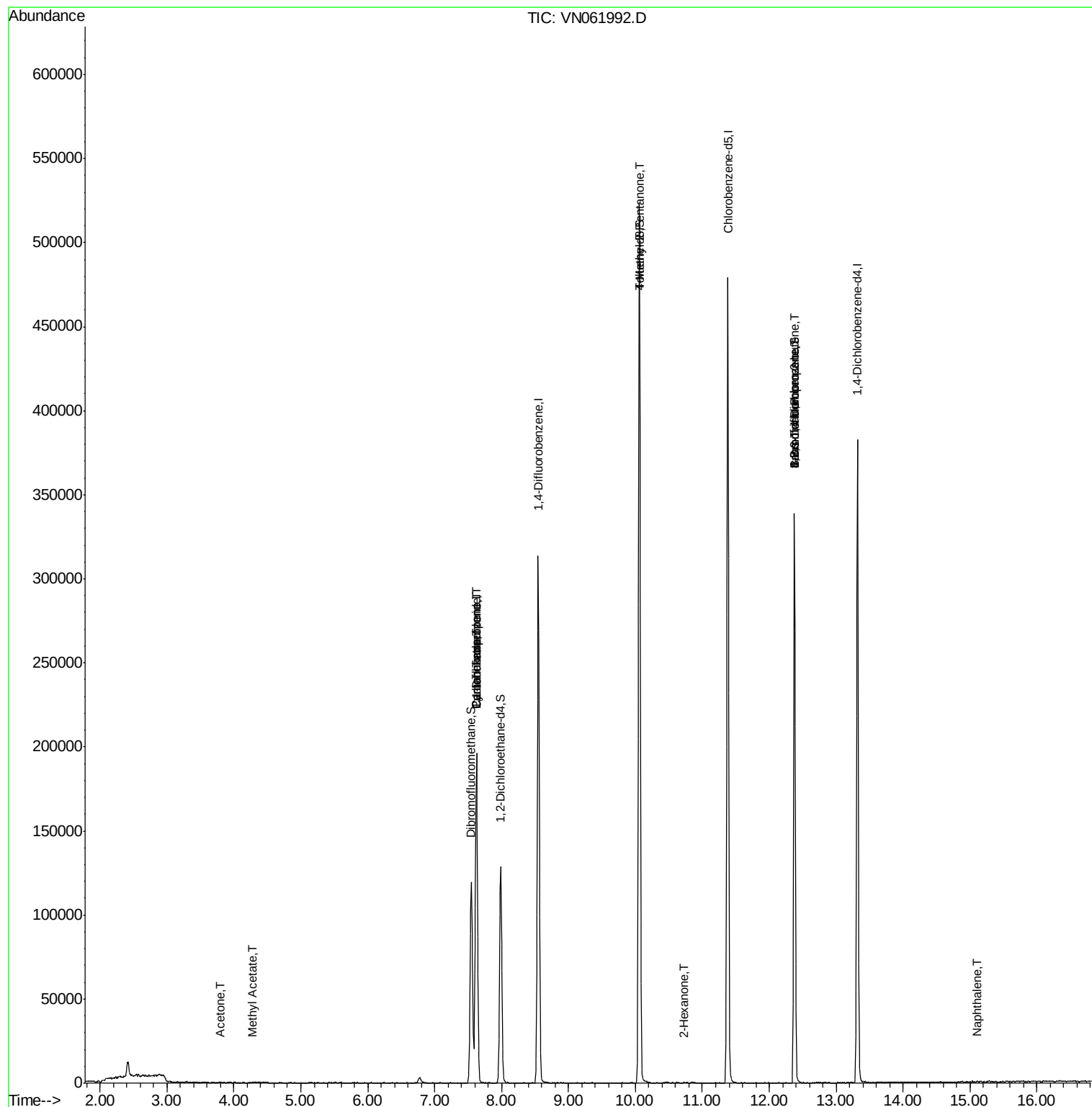
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	287	0.452	ug/l #	40
18) Methyl Acetate	4.28	43	427	0.234	ug/l #	46
31) Cyclohexane	7.62	56	3499	1.236	ug/l #	5
36) 1,1-Dichloropropene	7.63	75	12774	4.805	ug/l #	46
38) Carbon Tetrachloride	7.63	117	15366	5.837	ug/l #	18
51) 4-Methyl-2-Pentanone	10.06	43	1376	0.666	ug/l #	1
59) 2-Hexanone	10.72	43	61	13.442	ug/l #	20
71) Bromoform	12.38	173	1043	0.690	ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	59457	29.041	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	59457	79.207	ug/l #	14
95) Naphthalene	15.11	128	774	3.622	ug/l #	69

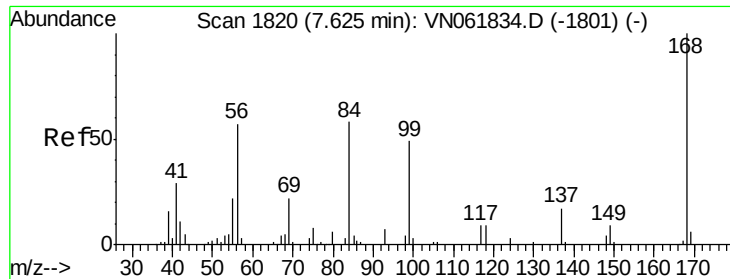
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN062220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061992.D

Acq: 22 Jun 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

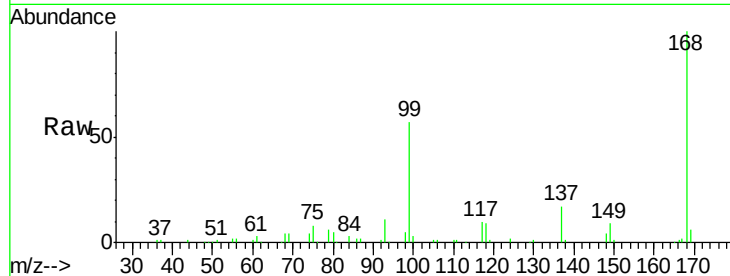
VN0622WBL01

Tgt Ion:168 Resp: 160127

Ion Ratio Lower Upper

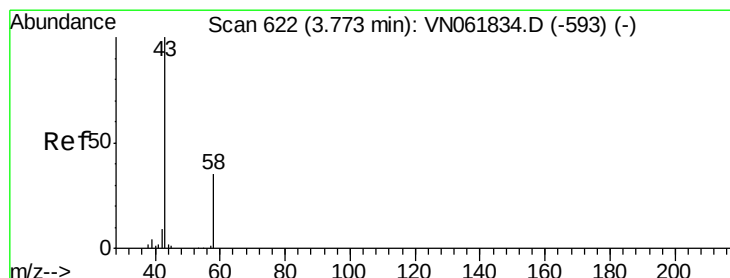
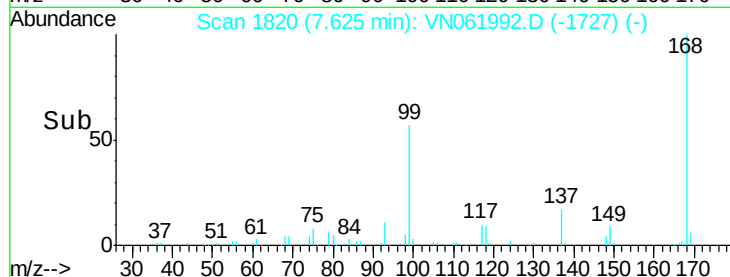
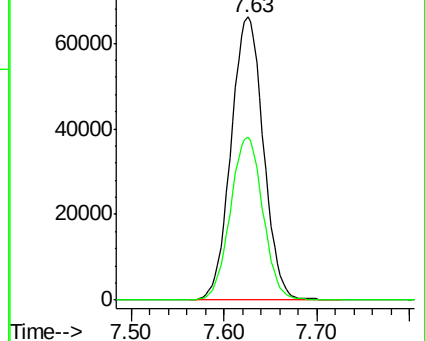
168 100

99 57.4 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 0.452 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061992.D

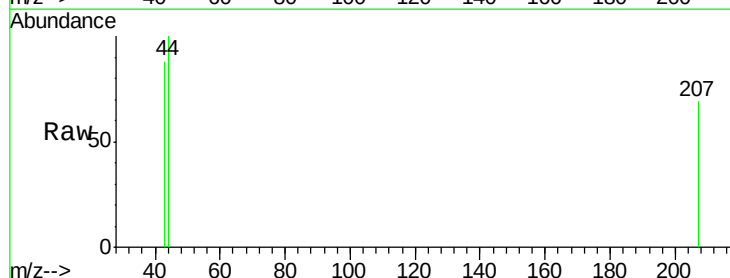
Acq: 22 Jun 2020 12:07

Tgt Ion: 43 Resp: 287

Ion Ratio Lower Upper

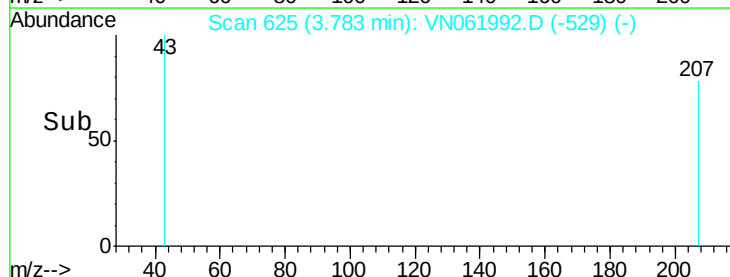
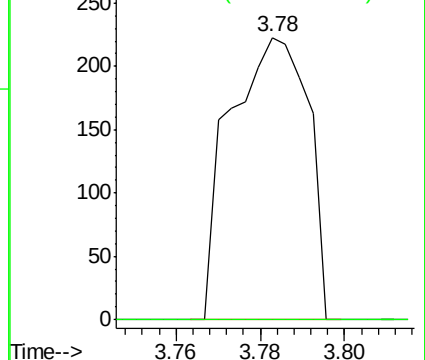
43 100

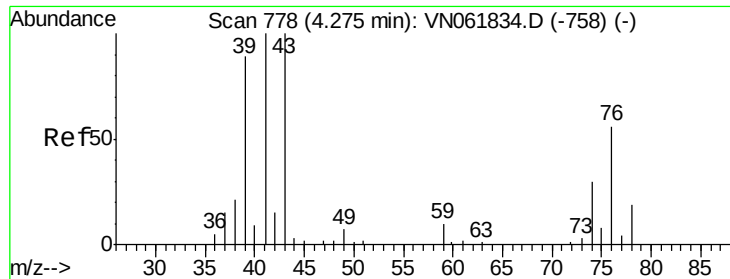
58 0.0 27.8 41.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

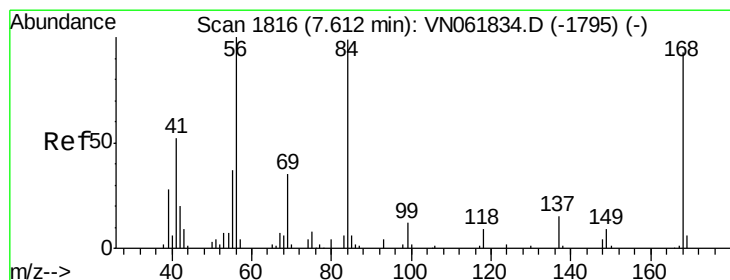
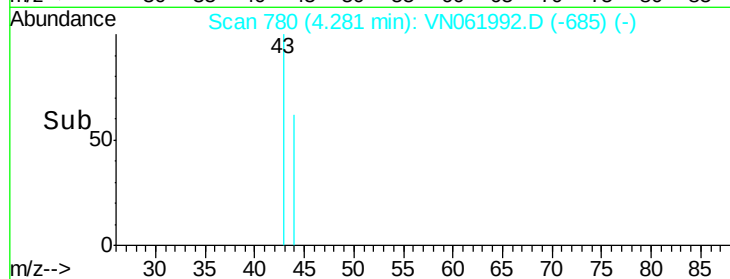
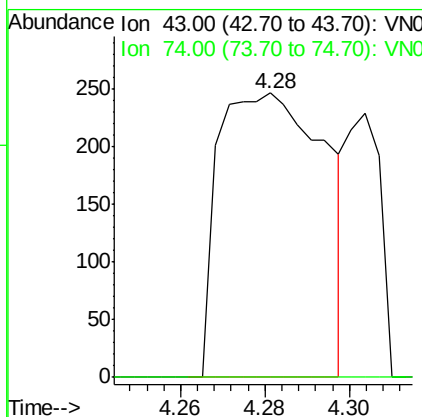
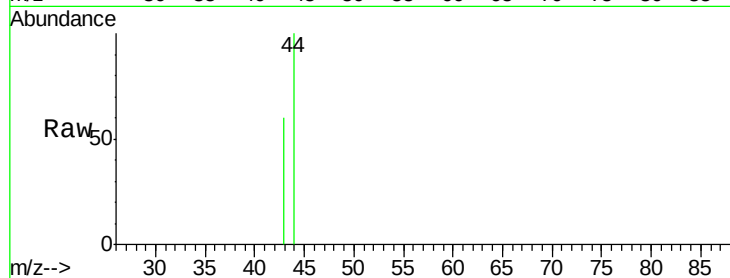




#18
Methyl Acetate
Concen: 0.234 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN061992.D
Acq: 22 Jun 2020 12:07

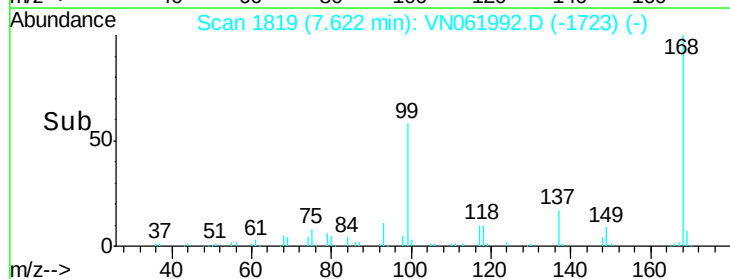
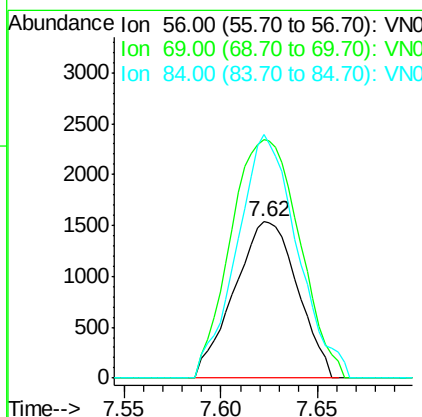
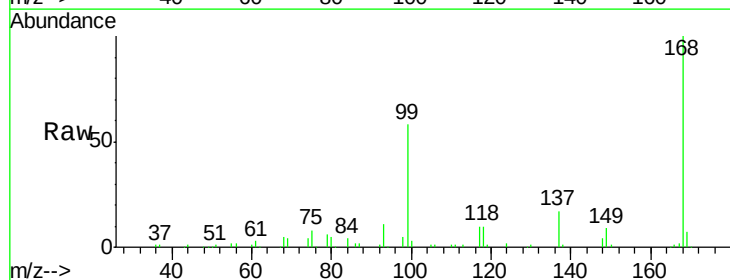
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL01

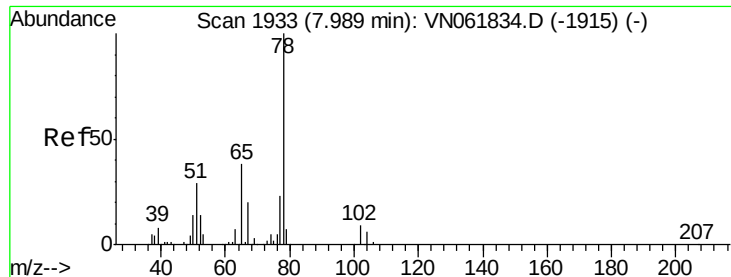
Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
74 0.0 23.0 34.4#



#31
Cyclohexane
Concen: 1.236 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN061992.D
Acq: 22 Jun 2020 12:07

Tgt Ion: 56 Resp: 3499
Ion Ratio Lower Upper
56 100
69 152.1 27.7 41.5#
84 155.7 79.1 118.7#

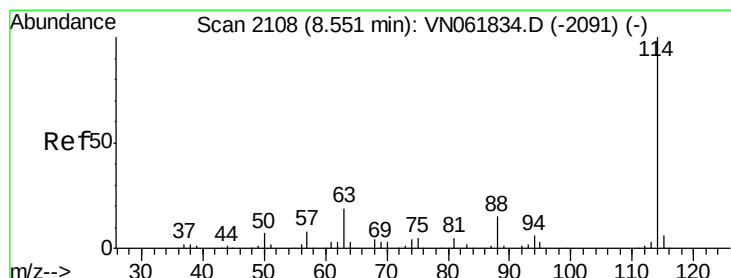
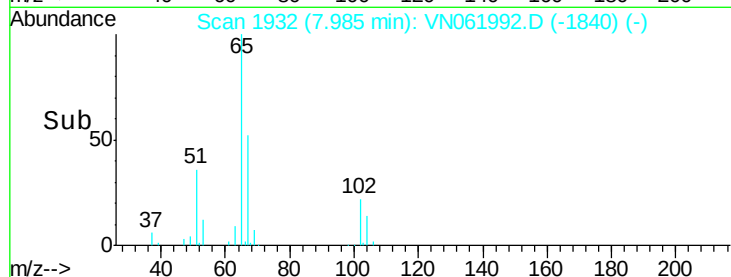
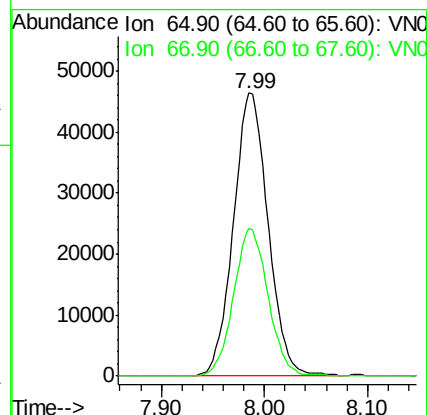
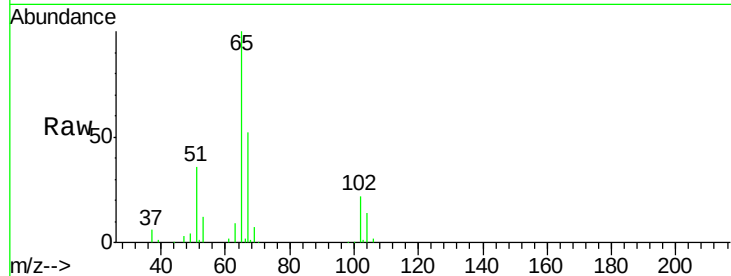




#33
 1,2-Dichloroethane-d4
 Concen: 50.621 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061992.D
 Acq: 22 Jun 2020 12:07

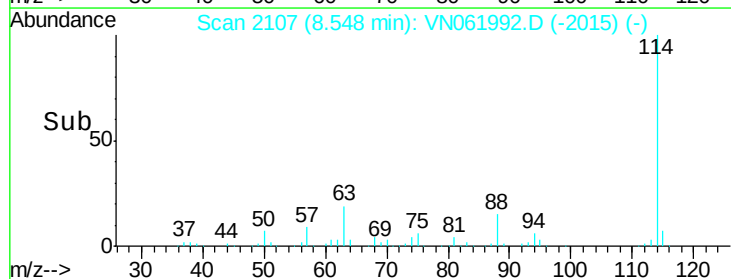
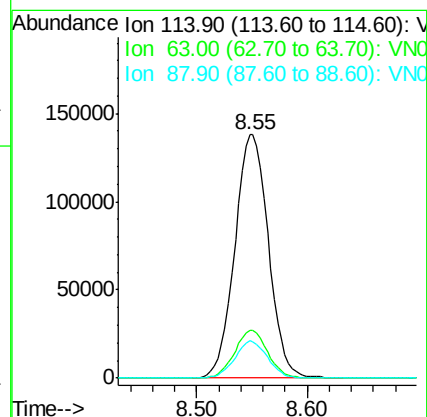
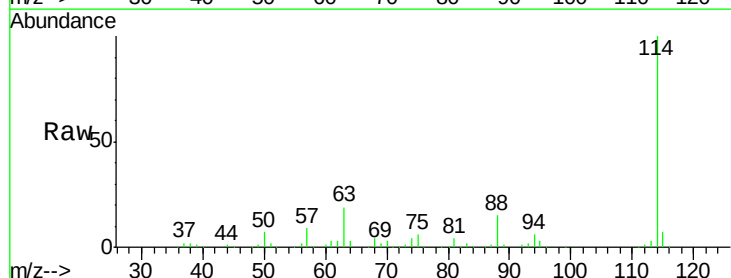
Instrument :
 MSVOA_N
 ClientSampled :
 VN0622WBL01

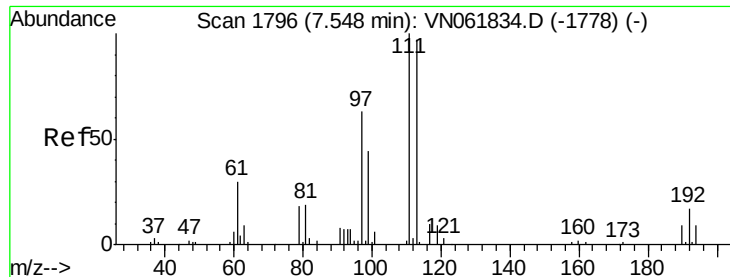
Tgt Ion: 65 Resp: 108711
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061992.D
 Acq: 22 Jun 2020 12:07

Tgt Ion: 114 Resp: 291434
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.6
 88 15.2 0.0 31.0

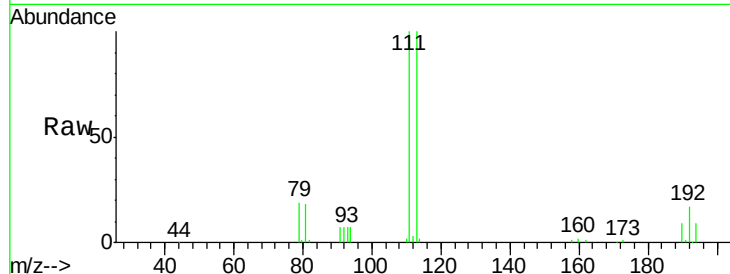




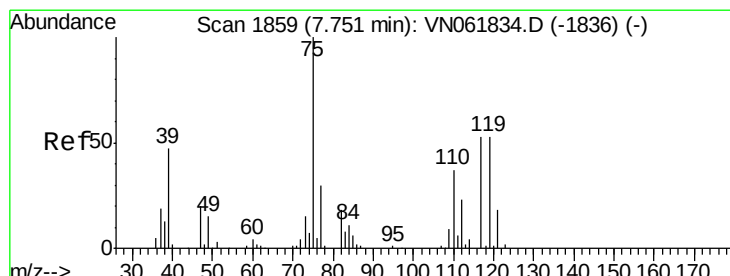
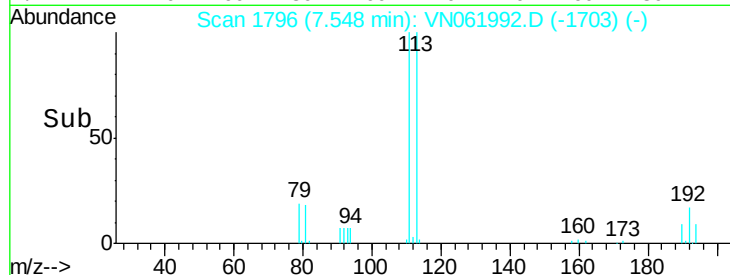
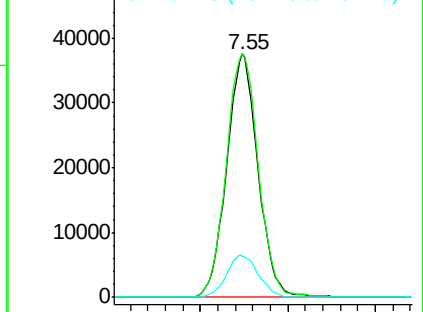
#35
 Dibromofluoromethane
 Concen: 49.980 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061992.D
 Acq: 22 Jun 2020 12:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBL01

Tgt Ion:113 Resp: 93184
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.7 125.5
 192 17.5 13.9 20.9

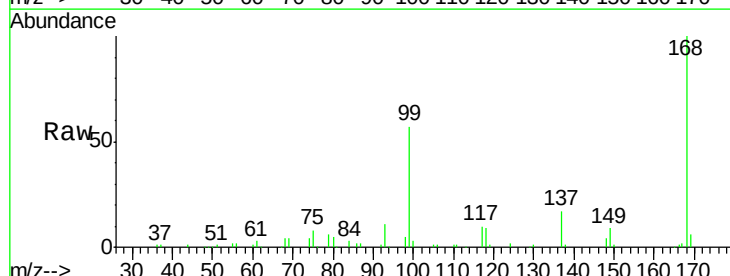


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

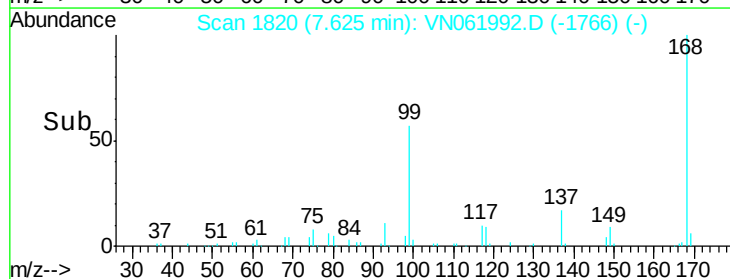
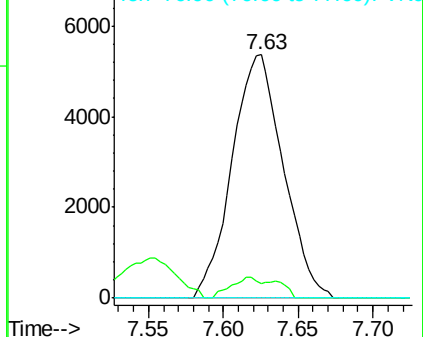


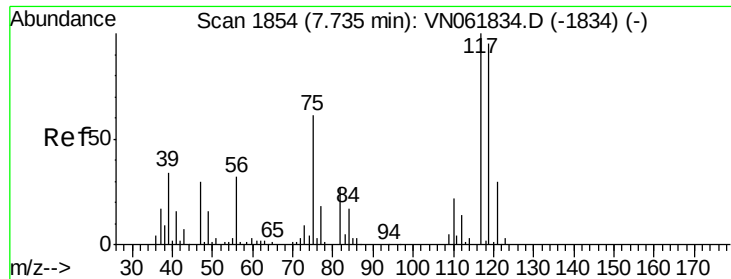
#36
 1,1-Dichloropropene
 Concen: 4.805 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061992.D
 Acq: 22 Jun 2020 12:07

Tgt Ion: 75 Resp: 12774
 Ion Ratio Lower Upper
 75 100
 110 5.3 18.2 54.6#
 77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.837 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN061992.D

Acq: 22 Jun 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBL01

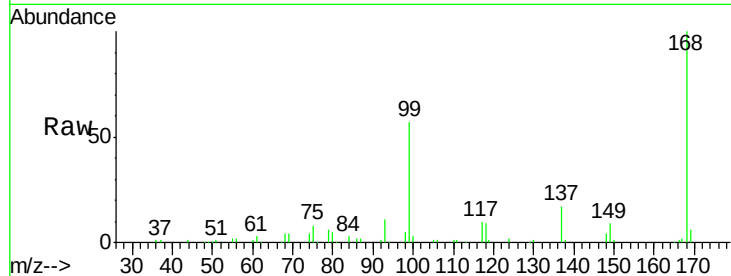
Tgt Ion:117 Resp: 15366

Ion Ratio Lower Upper

117 100

119 7.5 75.8 113.6#

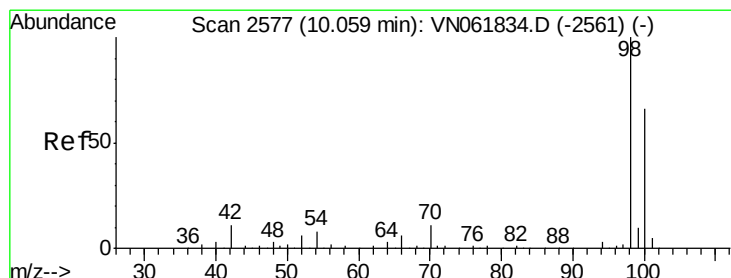
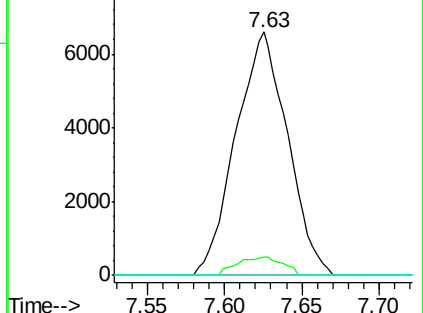
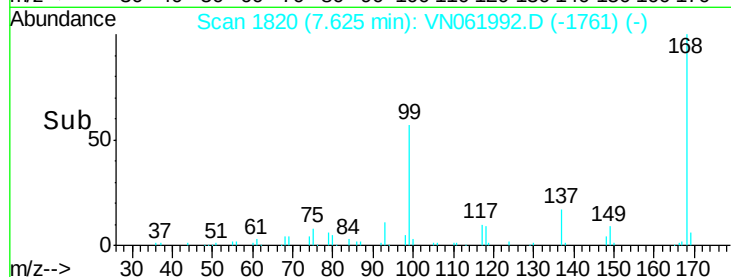
121 0.0 23.8 35.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 50.171 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061992.D

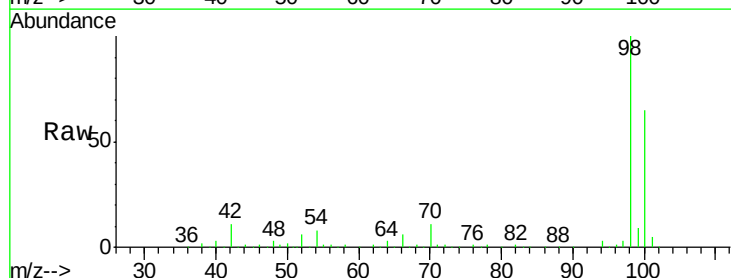
Acq: 22 Jun 2020 12:07

Tgt Ion: 98 Resp: 367744

Ion Ratio Lower Upper

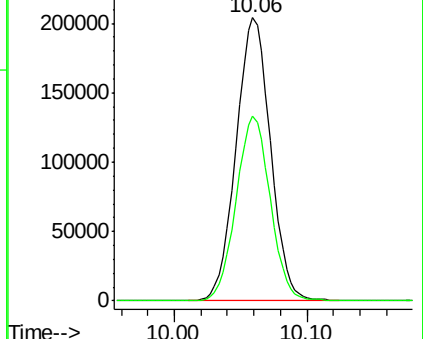
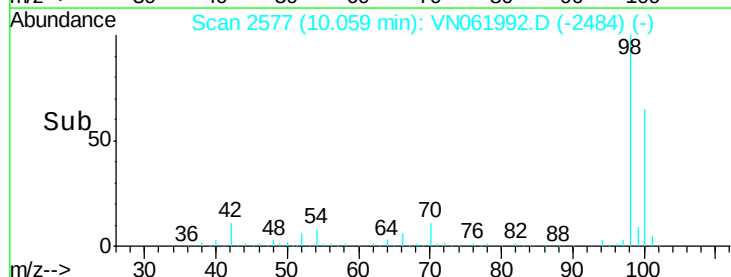
98 100

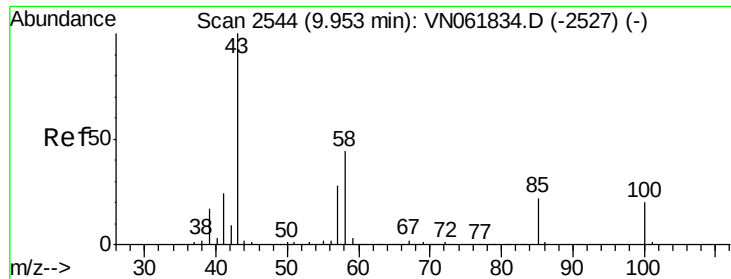
100 64.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.666 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. 0.10 min

Lab File: VN061992.D

Acq: 22 Jun 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

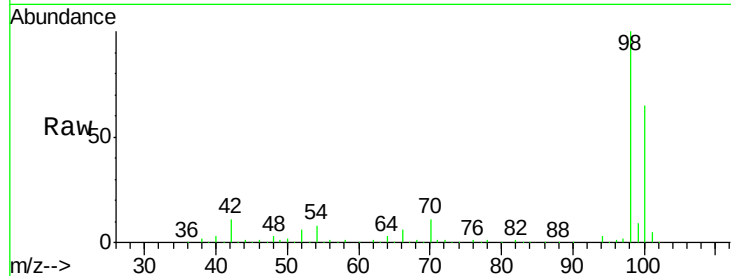
VN0622WBL01

Tgt Ion: 43 Resp: 1376

Ion Ratio Lower Upper

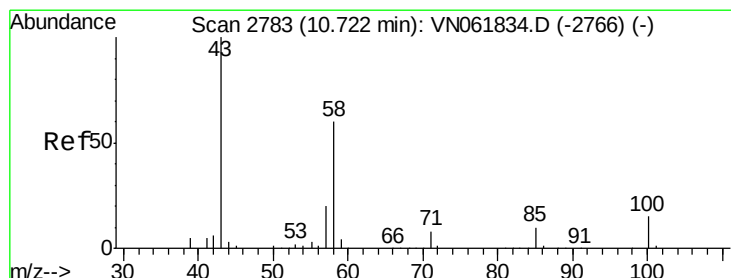
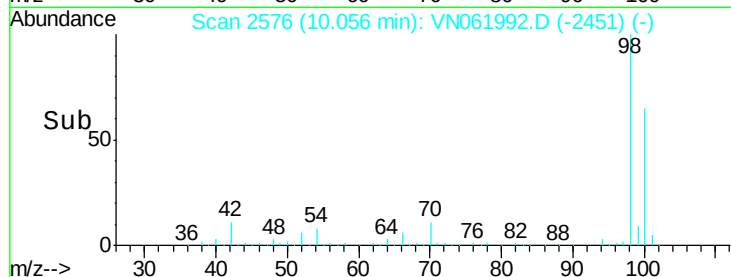
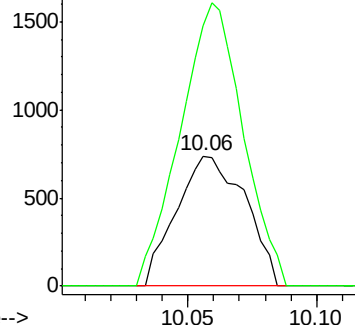
43 100

58 198.5 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#59

2-Hexanone

Concen: 13.442 ug/l

RT: 10.72 min Scan# 2783

Delta R.T. 0.00 min

Lab File: VN061992.D

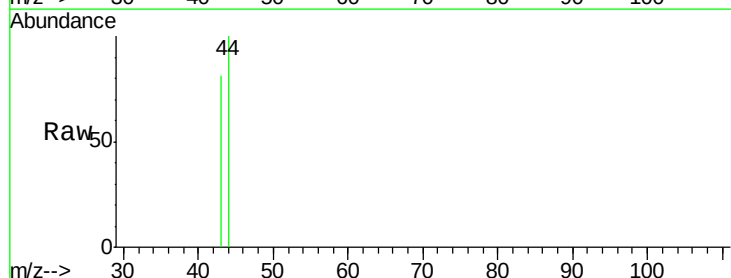
Acq: 22 Jun 2020 12:07

Tgt Ion: 43 Resp: 61

Ion Ratio Lower Upper

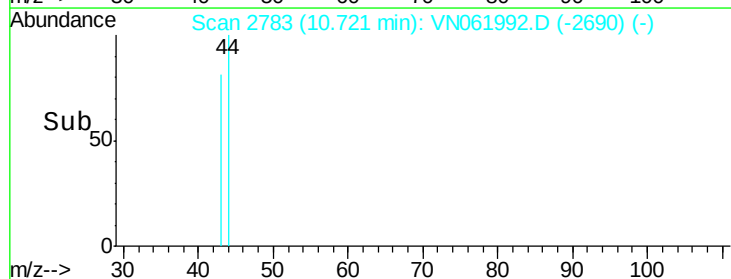
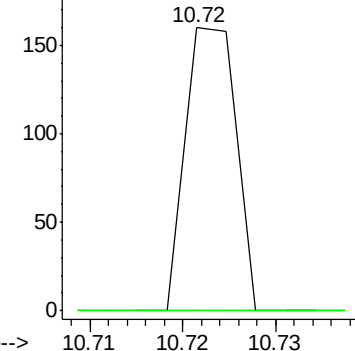
43 100

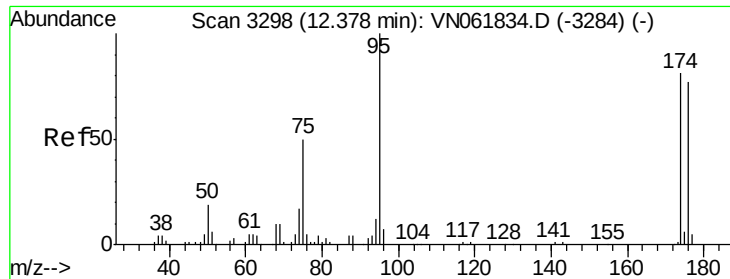
58 0.0 30.1 90.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

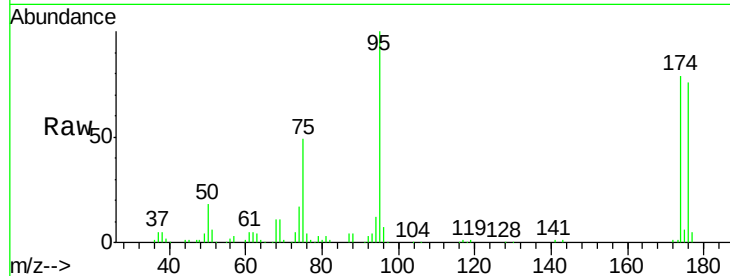




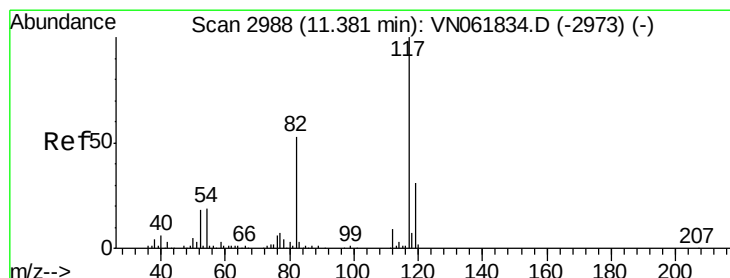
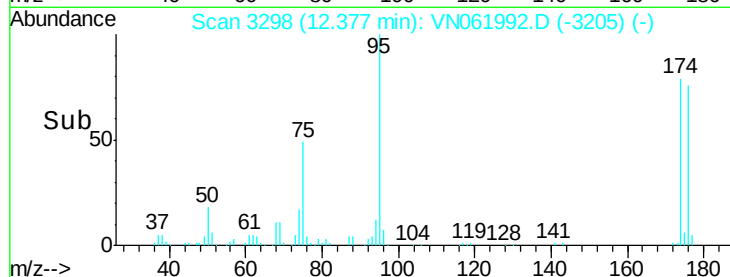
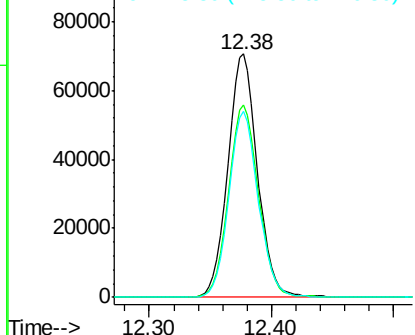
#62
 4-Bromofluorobenzene
 Concen: 47.454 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061992.D
 Acq: 22 Jun 2020 12:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBL01

Tgt Ion: 95 Resp: 119311
 Ion Ratio Lower Upper
 95 100
 174 80.2 0.0 158.6
 176 76.0 0.0 152.0

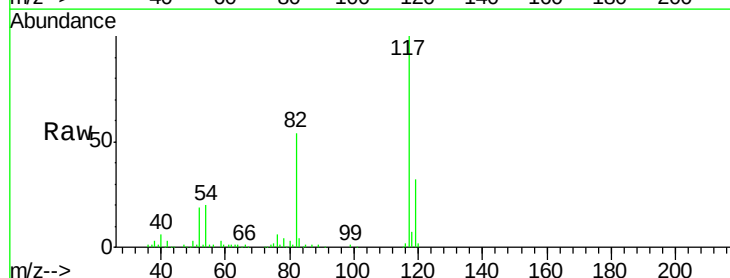


Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)
 Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)
 Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

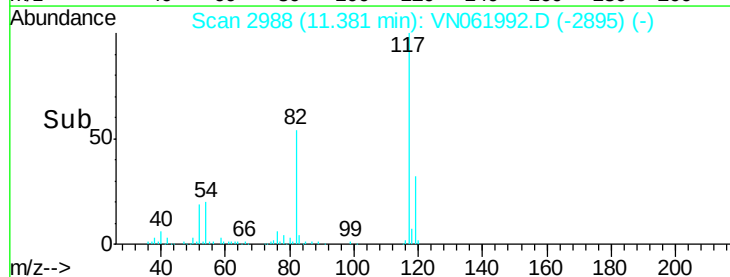
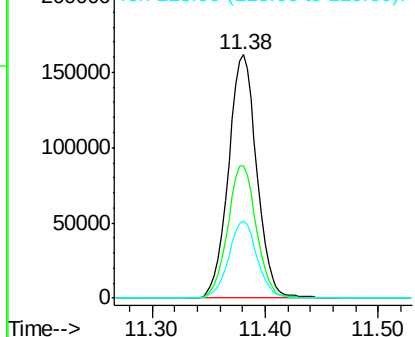


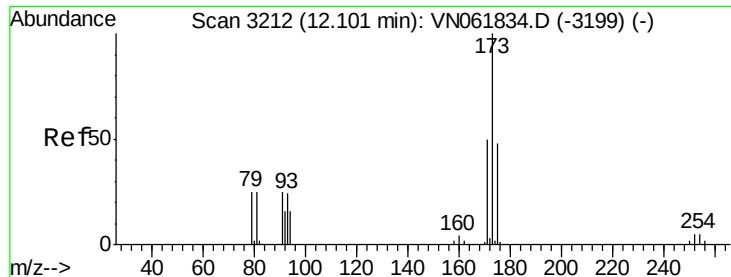
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: VN061992.D
 Acq: 22 Jun 2020 12:07

Tgt Ion: 117 Resp: 281604
 Ion Ratio Lower Upper
 117 100
 82 54.4 42.6 64.0
 119 31.7 24.7 37.1



Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)
 Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)
 Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)





#71

Bromoform

Concen: 0.690 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN061992.D

Acq: 22 Jun 2020 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBL01

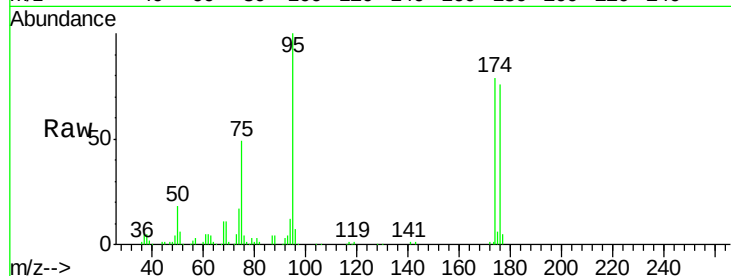
Tgt Ion:173 Resp: 1043

Ion Ratio Lower Upper

173 100

175 568.5 23.9 71.7#

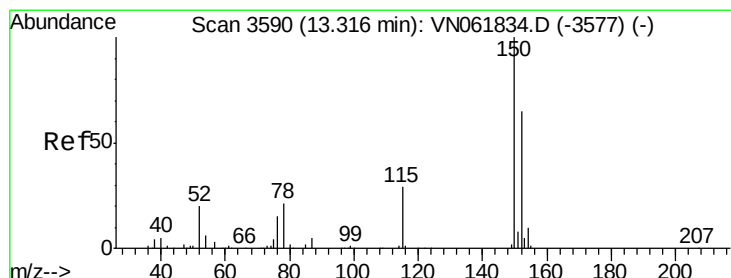
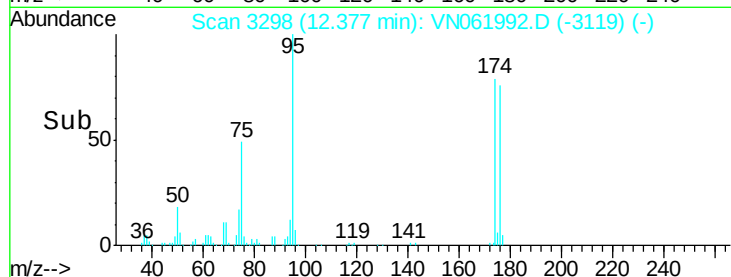
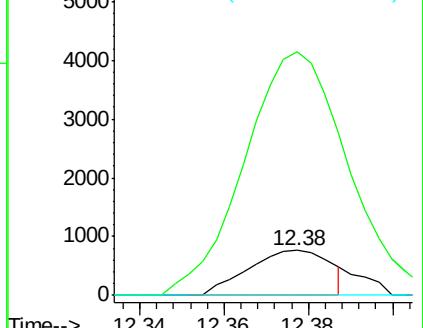
254 0.0 0.0 0.0



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: VN061992.D

Acq: 22 Jun 2020 12:07

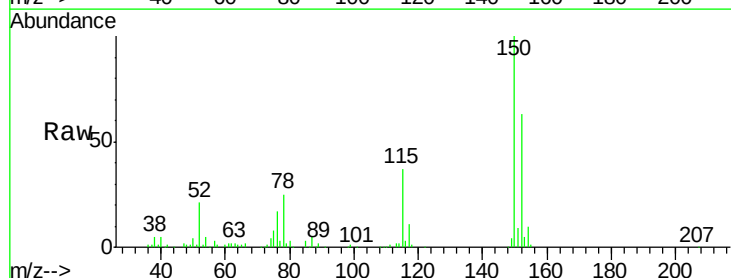
Tgt Ion:152 Resp: 104283

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.3

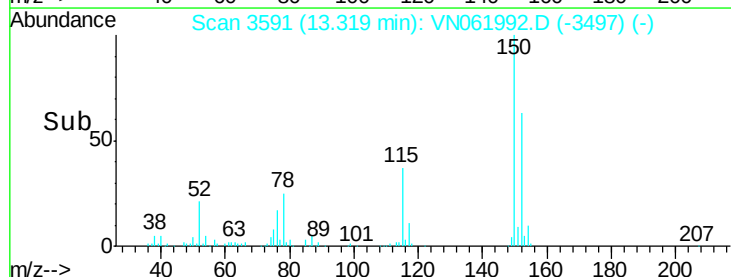
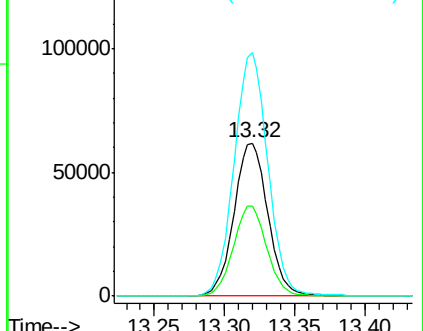
150 158.9 0.0 347.6

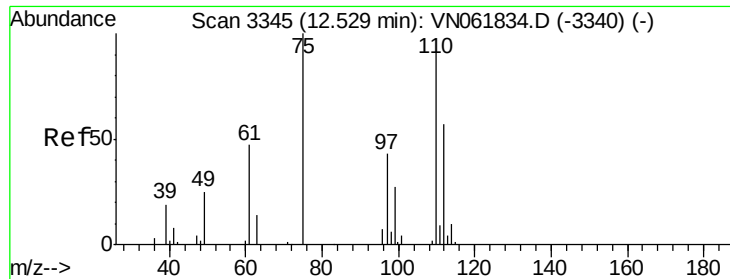


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

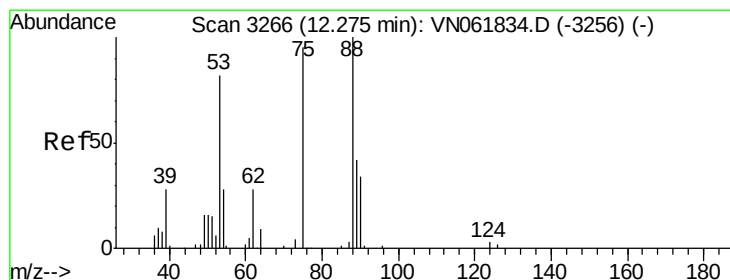
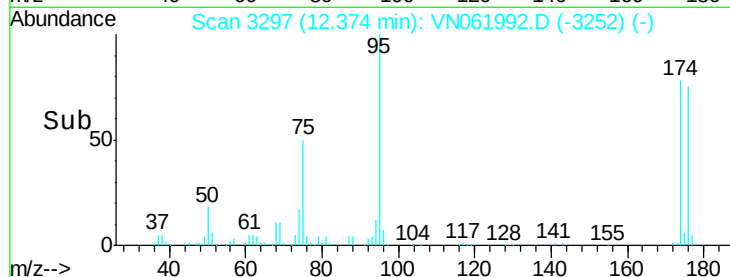
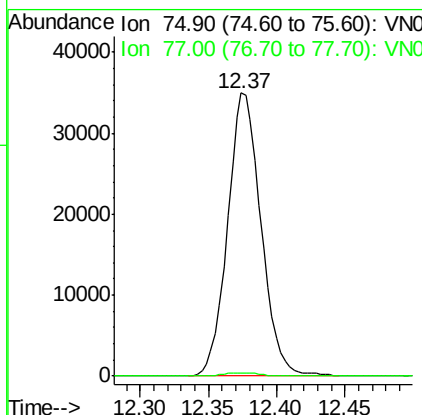
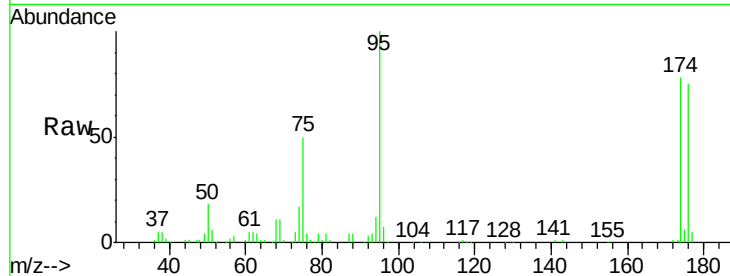




#76
 1,2,3-Trichloropropane
 Concen: 29.041 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.15 min
 Lab File: VN061992.D
 Acq: 22 Jun 2020 12:07

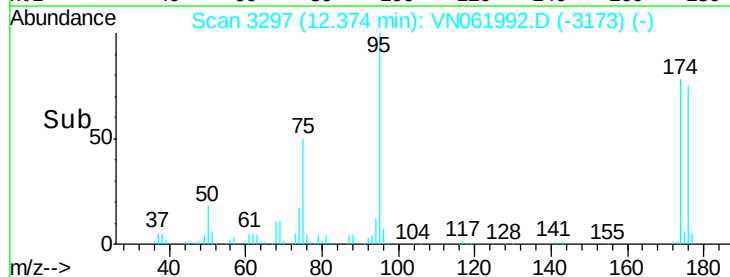
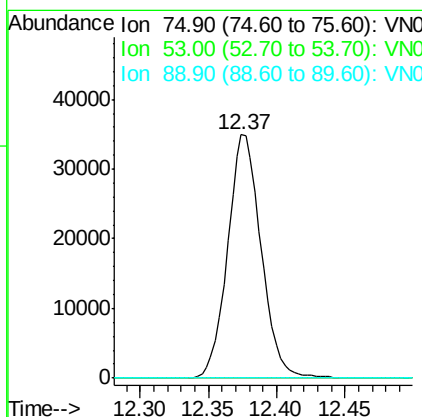
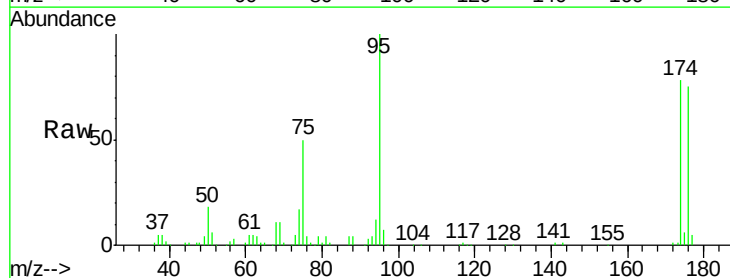
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBL01

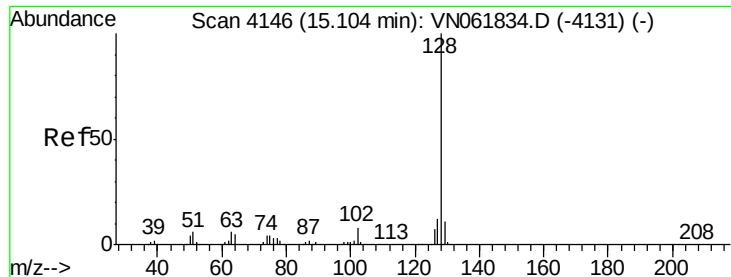
Tgt Ion: 75 Resp: 59457
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.207 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.10 min
 Lab File: VN061992.D
 Acq: 22 Jun 2020 12:07

Tgt Ion: 75 Resp: 59457
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.4 105.6#
 89 0.0 36.0 54.0#





#95

Naphthalene

Concen: 3.622 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN061992.D

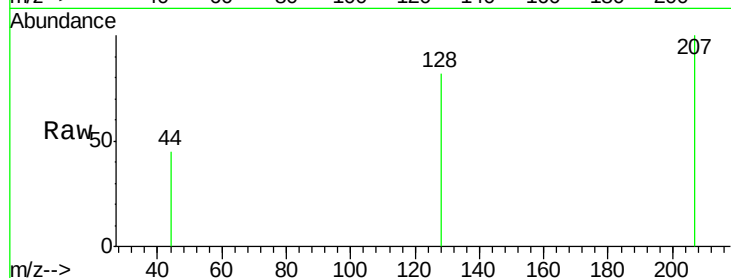
Acq: 22 Jun 2020 12:07

Instrument :

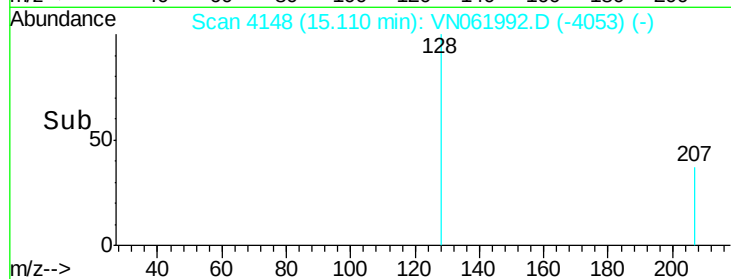
MSVOA_N

ClientSampleId :

VN0622WBL01



Tgt Ion:	128	Resp:	774
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#



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

