

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061891.D
 Acq On : 18 Jun 2020 11:28
 Operator : JC/MD
 Sample : VN0618WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBL01

Quant Time: Jun 19 05:23:39 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	135344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	246862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	231586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89386	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	90023	49.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.20%	
35) Dibromofluoromethane	7.55	113	80084	50.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.42%	
50) Toluene-d8	10.06	98	305382	49.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.38	95	97205	45.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.28%	

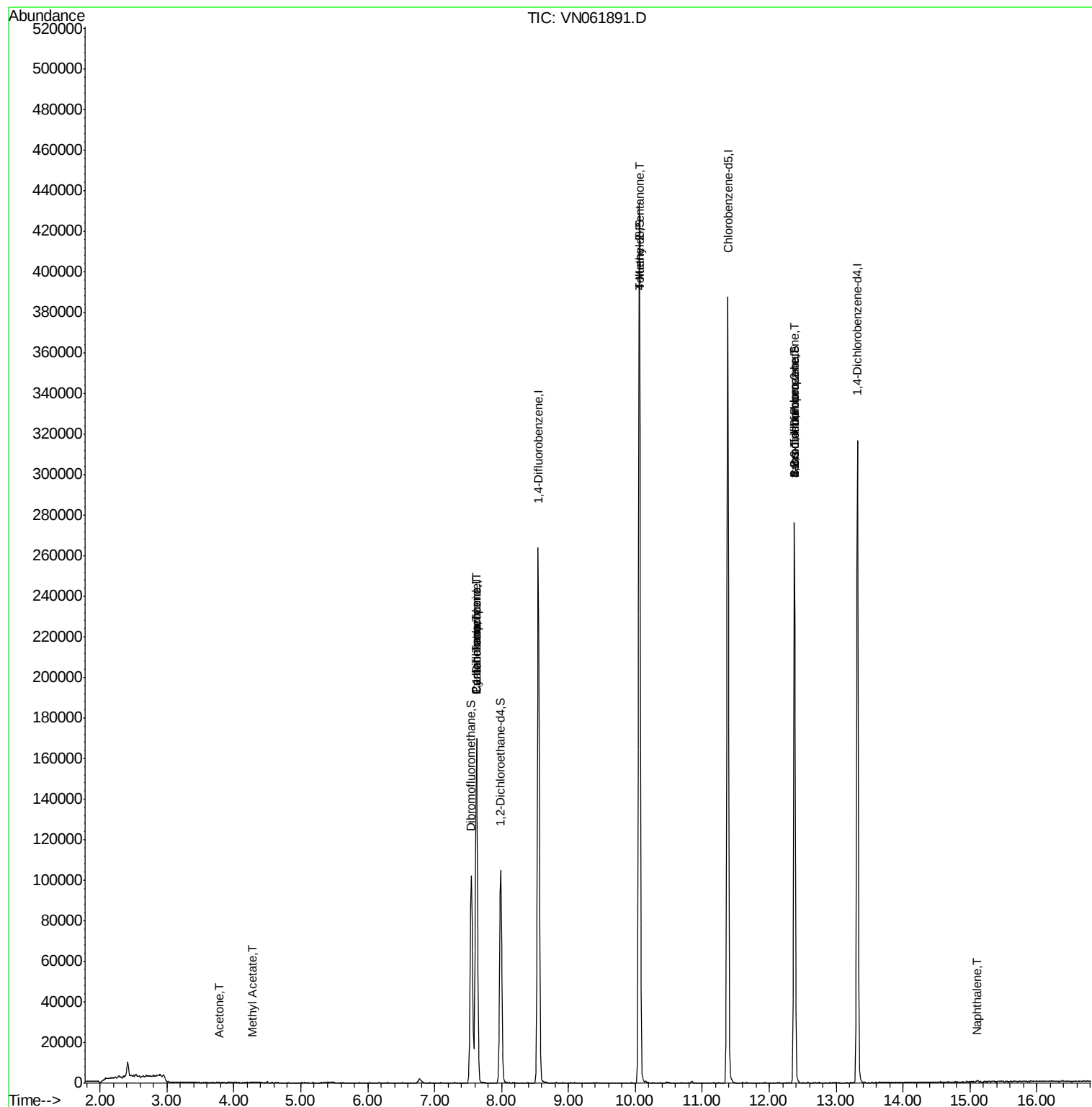
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	179	0.334	ug/l #	40
18) Methyl Acetate	4.28	43	453	0.293	ug/l #	46
31) Cyclohexane	7.63	56	2755	1.152	ug/l #	13
36) 1,1-Dichloropropene	7.62	75	10423	4.629	ug/l #	49
38) Carbon Tetrachloride	7.63	117	13713	6.150	ug/l #	17
51) 4-Methyl-2-Pentanone	10.06	43	1112	0.635	ug/l #	1
71) Bromoform	12.38	173	965	0.777	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	50580	28.823	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	50580	78.611	ug/l #	14
95) Naphthalene	15.11	128	769	3.644	ug/l #	69

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

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

Quant Time: Jun 19 05:23:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 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: VN061891.D

Acq: 18 Jun 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

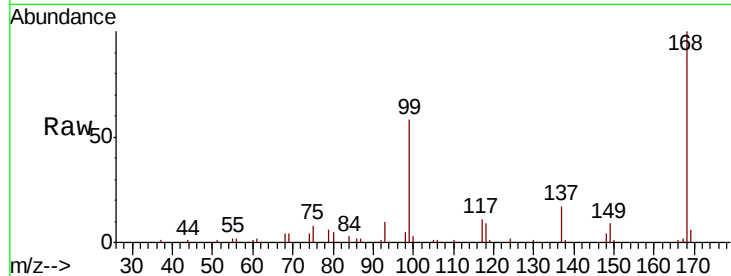
VN0618WBL01

Tot Ion:168 Resp: 135344

Ion Ratio Lower Upper

168 100

99 58.4 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): VN061891.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN061891.D (-1727) (-)

7.63

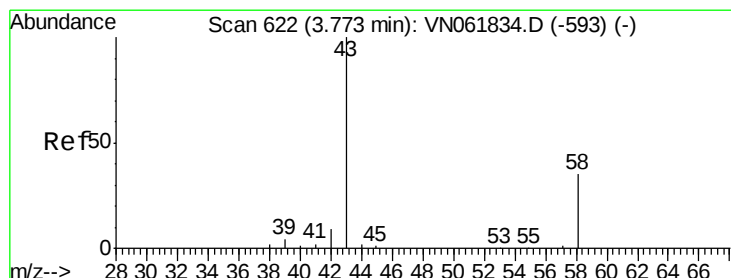
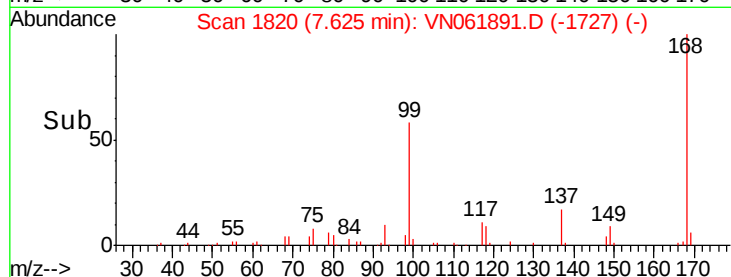
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 0.334 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061891.D

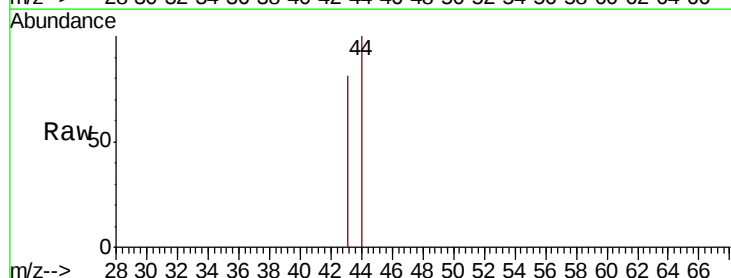
Acq: 18 Jun 2020 11:28

Tgt Ion: 43 Resp: 179

Ion Ratio Lower Upper

43 100

58 0.0 27.8 41.8#



Abundance Ion 43.00 (42.70 to 43.70): VN061891.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061891.D (-529) (-)

3.78

250

200

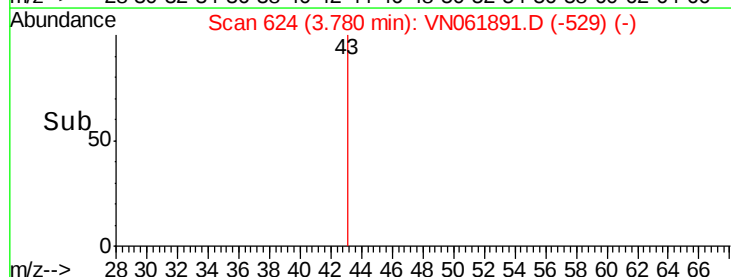
150

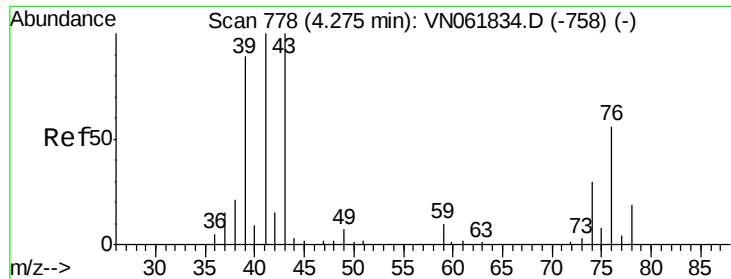
100

50

0

Time-->

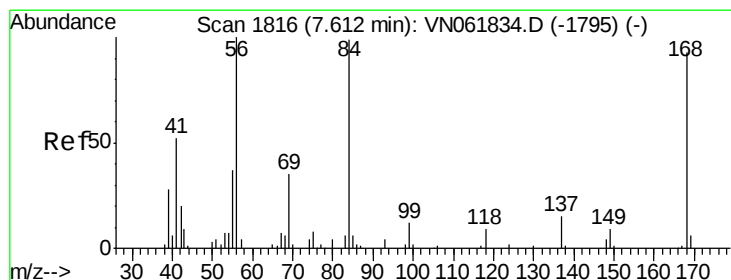
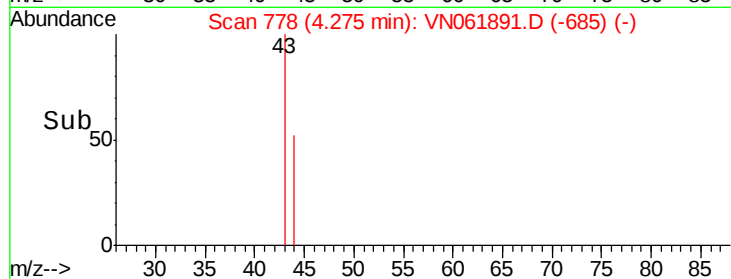
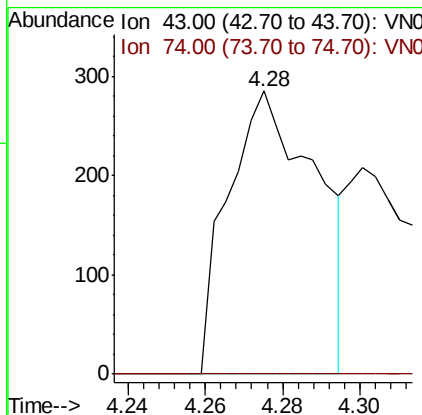
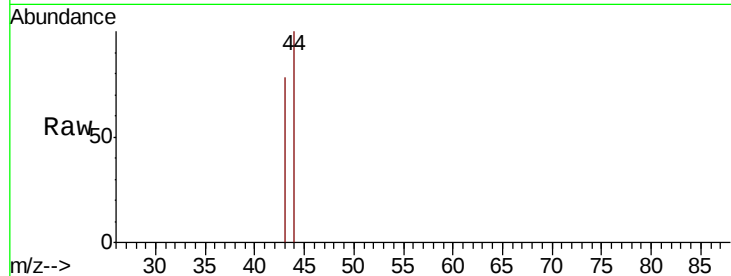




#18
Methvl Acetate
Concen: 0.293 ug/l
RT: 4.28 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061891.D
Acq: 18 Jun 2020 11:28

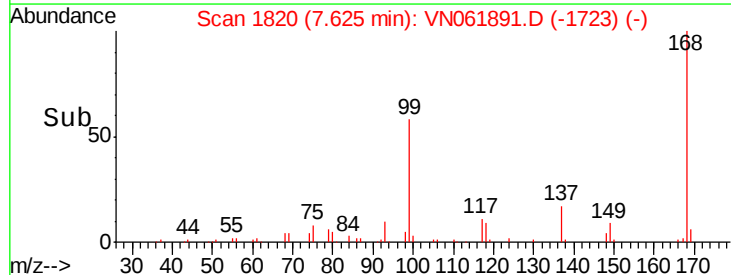
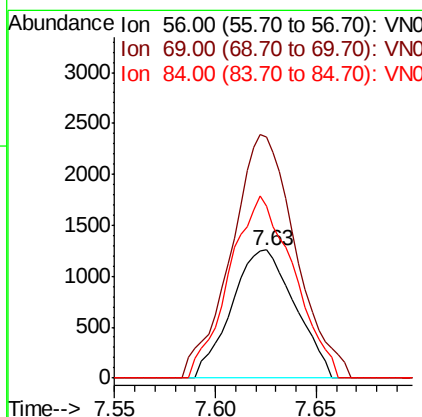
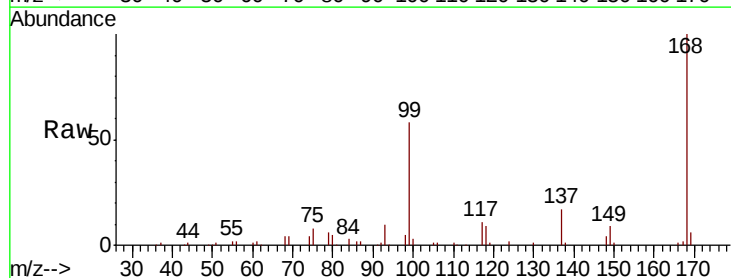
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

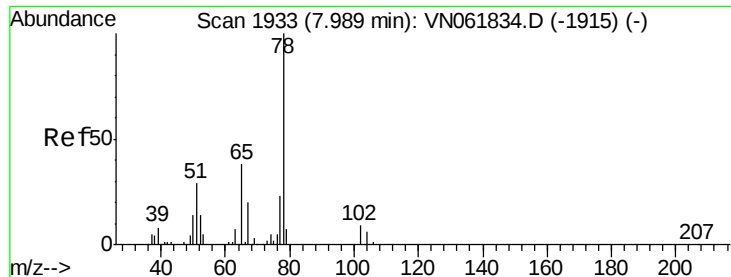
Tot Ion: 43 Resp: 453
Ion Ratio Lower Upper
43 100
74 0.0 23.0 34.4#



#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN061891.D
Acq: 18 Jun 2020 11:28

Tgt Ion: 56 Resp: 2755
Ion Ratio Lower Upper
56 100
69 171.5 27.7 41.5#
84 133.8 79.1 118.7#





#33

1,2-Dichloroethane-d4

Concen: 49.595 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061891.D

Acq: 18 Jun 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

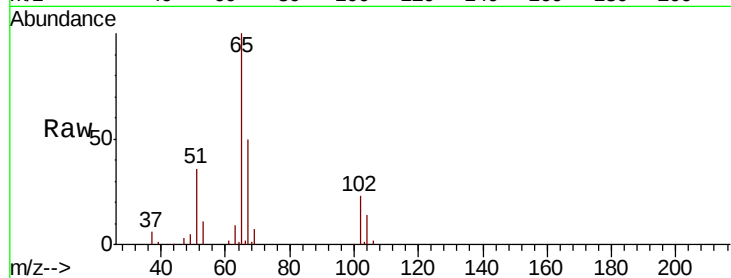
VN0618WBL01

Tot Ion: 65 Resp: 90023

Ion Ratio Lower Upper

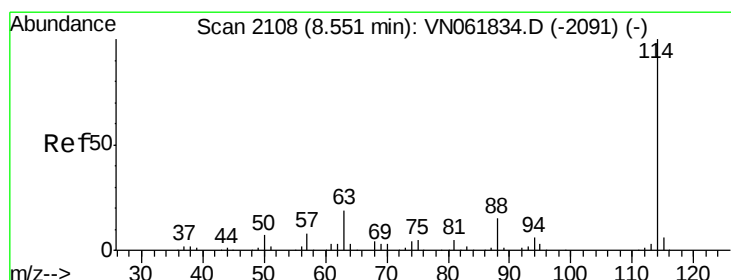
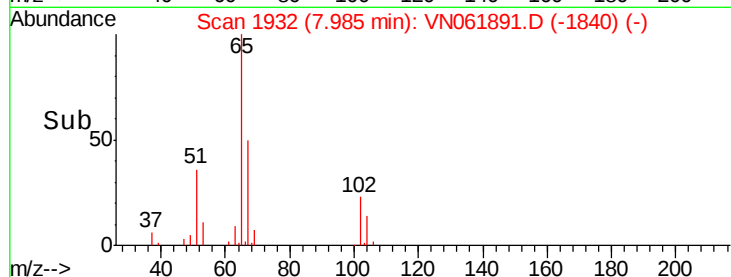
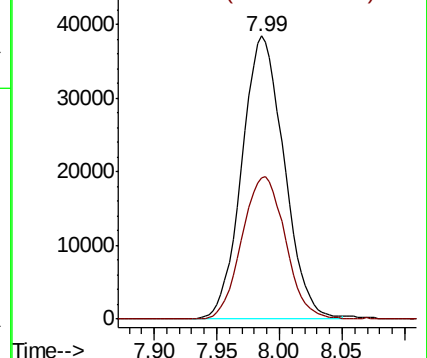
65 100

67 51.7 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN061834.D (-1915) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061891.D

Acq: 18 Jun 2020 11:28

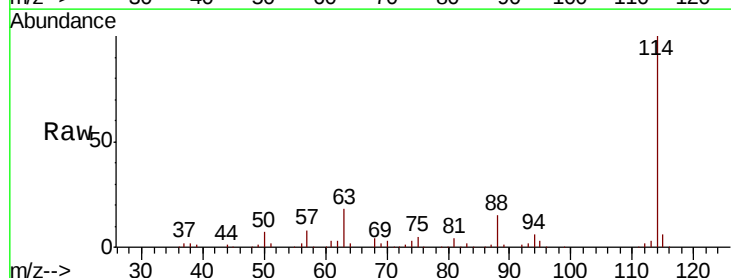
Tgt Ion: 114 Resp: 246862

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.6

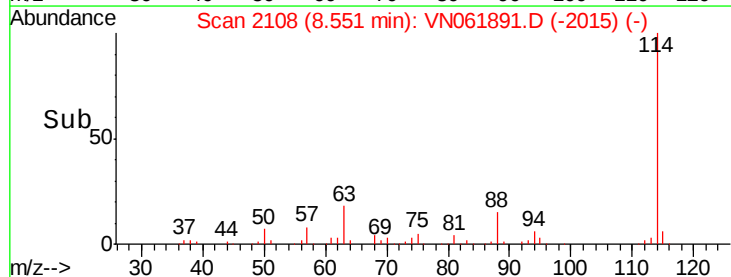
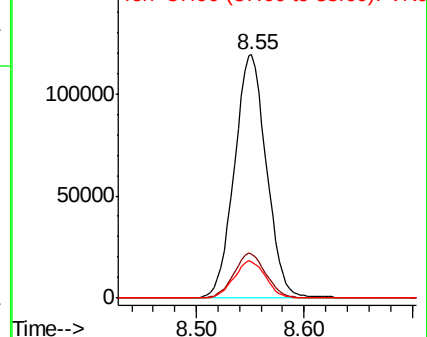
88 14.9 0.0 31.0

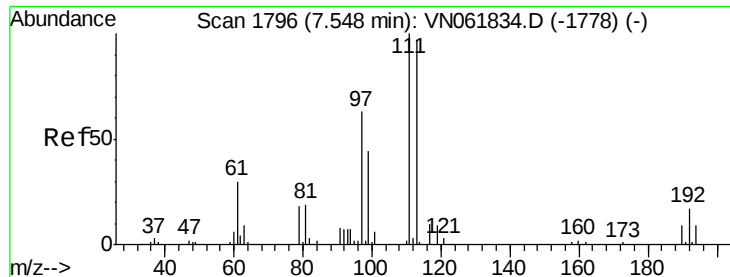


Abundance Ion 113.90 (113.60 to 114.60): VN061834.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN061834.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN061834.D (-2091) (-)

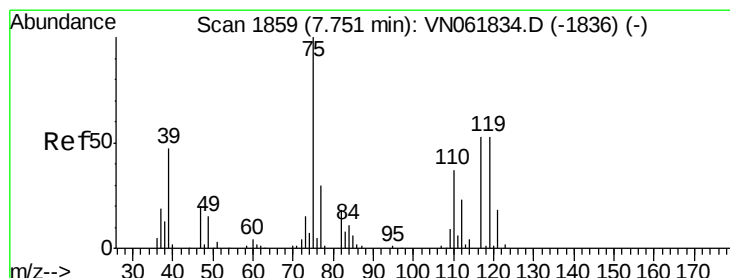
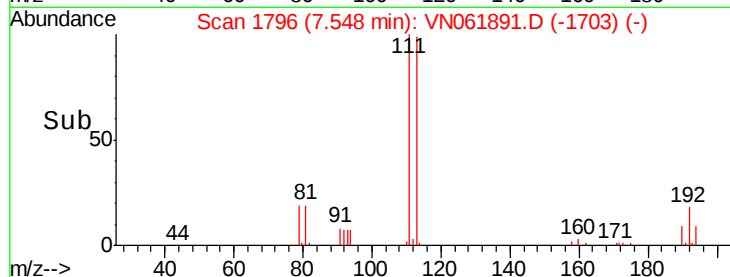
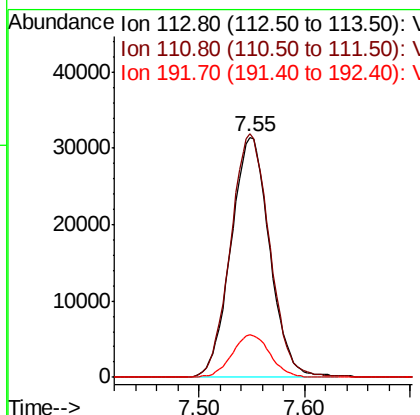
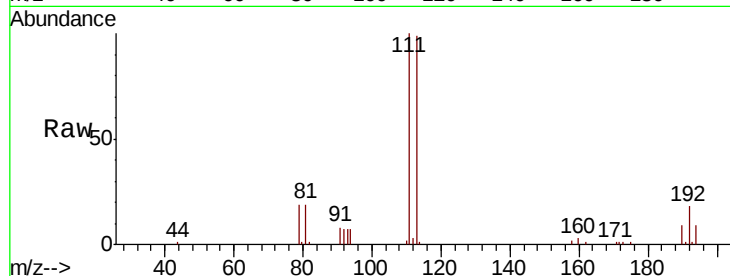




#35
 Dibromofluoromethane
 Concen: 50.709 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061891.D
 Acq: 18 Jun 2020 11:28

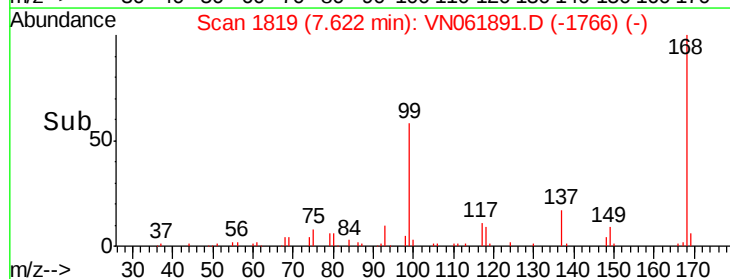
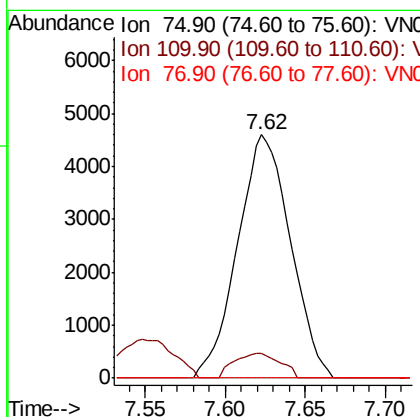
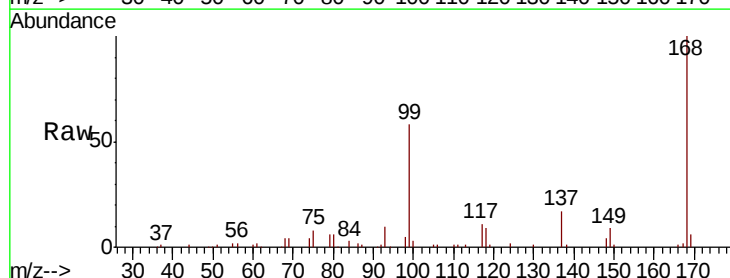
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBL01

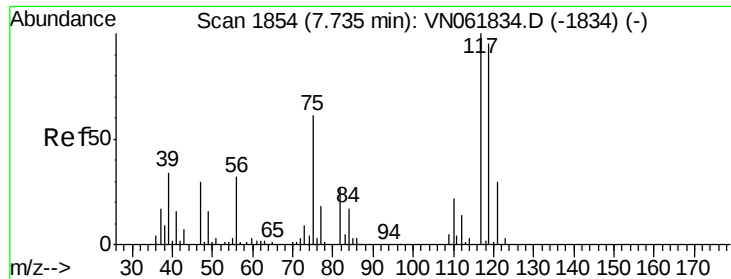
Tot Ion:113 Resp: 80084
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.7 125.5
 192 17.3 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 4.629 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061891.D
 Acq: 18 Jun 2020 11:28

Tgt Ion: 75 Resp: 10423
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.2 54.6#
 77 0.0 24.2 36.4#





#38

Carbon Tetrachloride

Concen: 6.150 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN061891.D

Acq: 18 Jun 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBL01

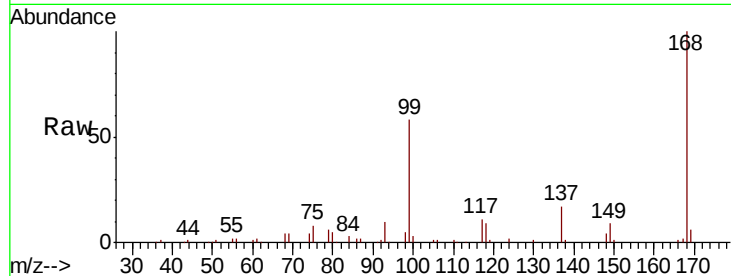
Tot Ion:117 Resp: 13713

Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.6#

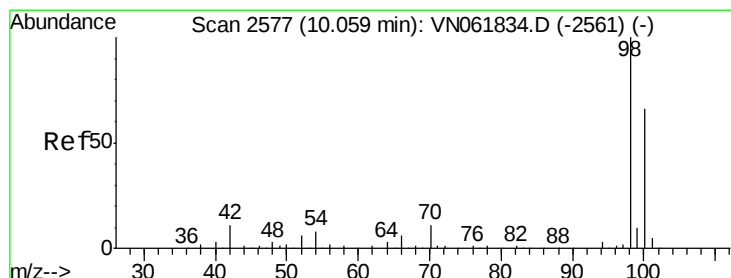
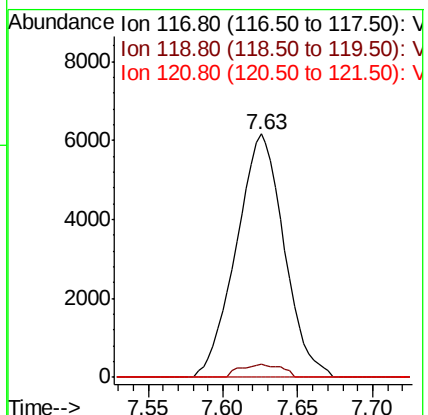
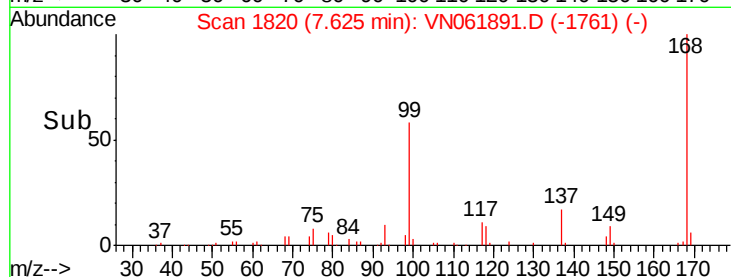
121 0.0 23.8 35.6#



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: 49.185 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061891.D

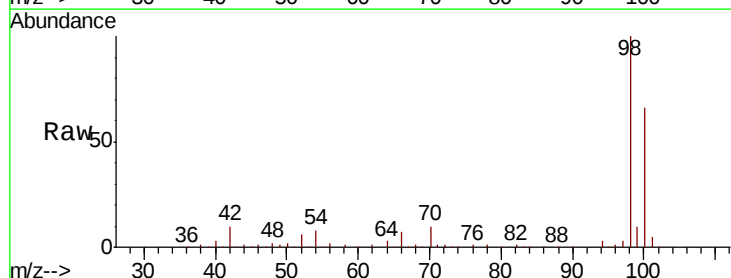
Acq: 18 Jun 2020 11:28

Tgt Ion: 98 Resp: 305382

Ion Ratio Lower Upper

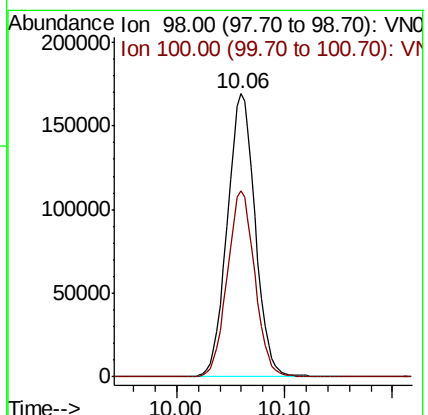
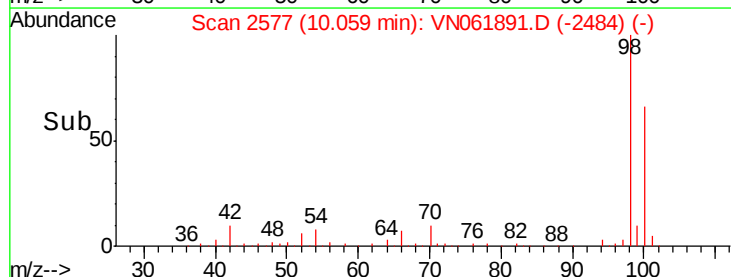
98 100

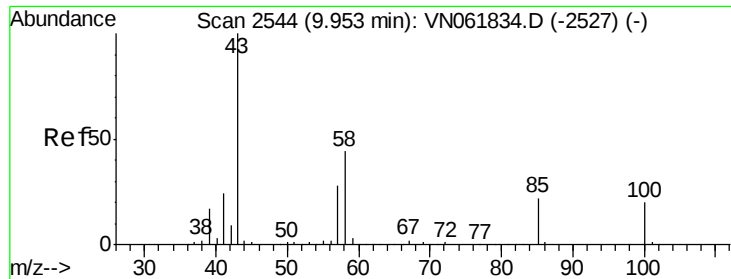
100 64.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

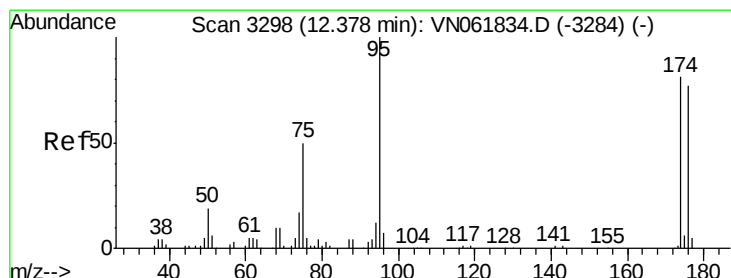
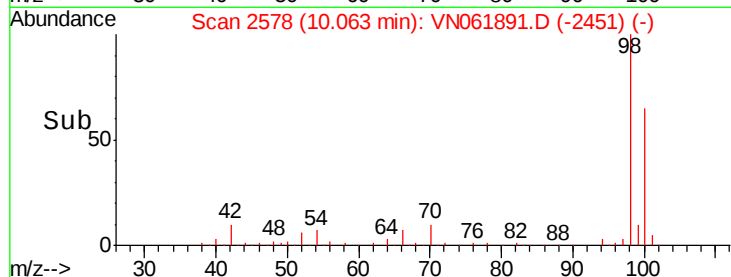
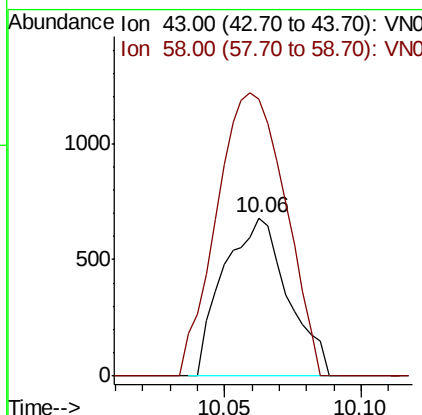
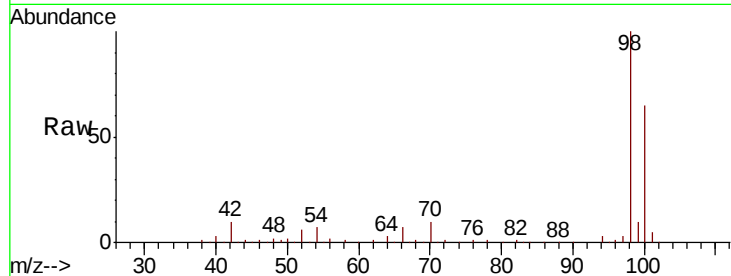




#51
 4-Methyl-2-Pentanone
 Concen: 0.635 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.11 min
 Lab File: VN061891.D
 Acq: 18 Jun 2020 11:28

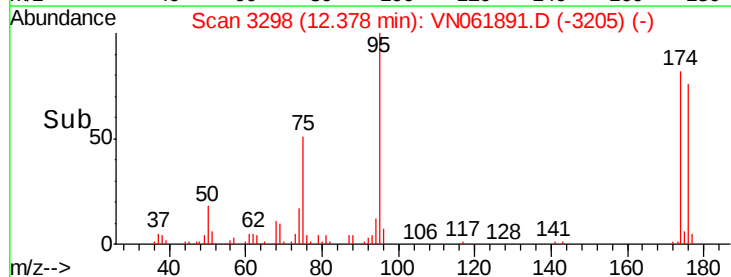
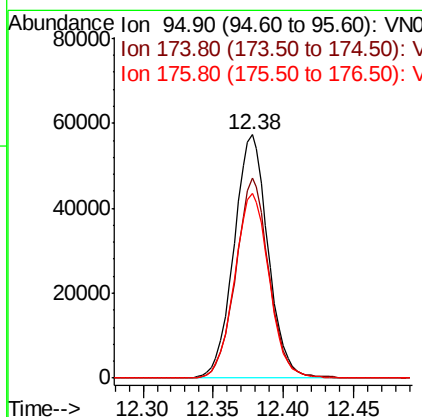
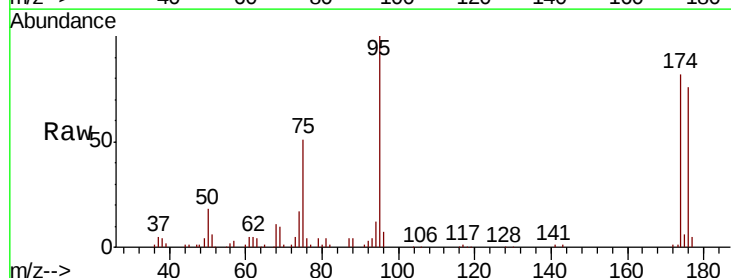
Instrument :
 MSVOA_N
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 VN0618WBL01

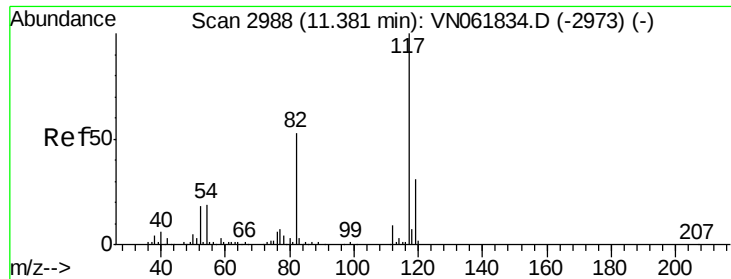
Tot Ion: 43 Resp: 1112
 Ion Ratio Lower Upper
 43 100
 58 191.4 34.6 52.0#



#62
 4-Bromofluorobenzene
 Concen: 45.642 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061891.D
 Acq: 18 Jun 2020 11:28

Tgt Ion: 95 Resp: 97205
 Ion Ratio Lower Upper
 95 100
 174 79.9 0.0 158.6
 176 76.7 0.0 152.0

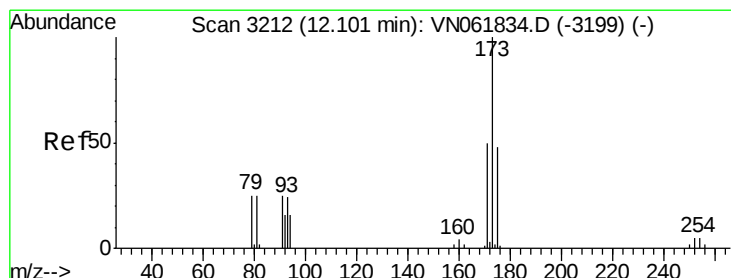
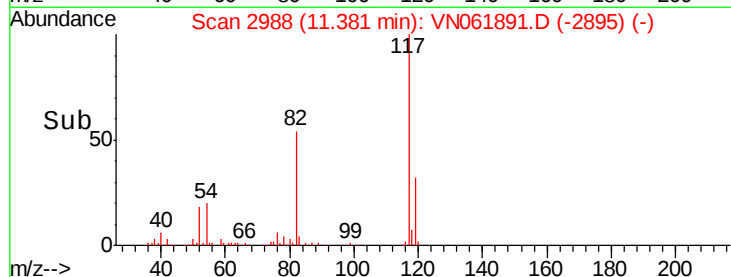
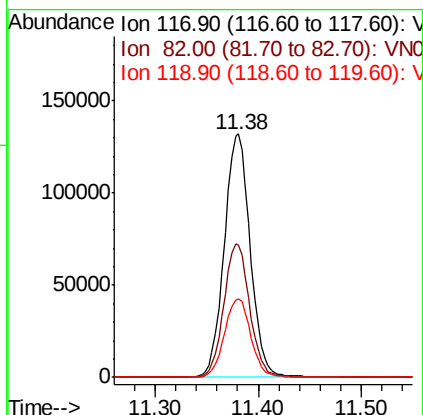
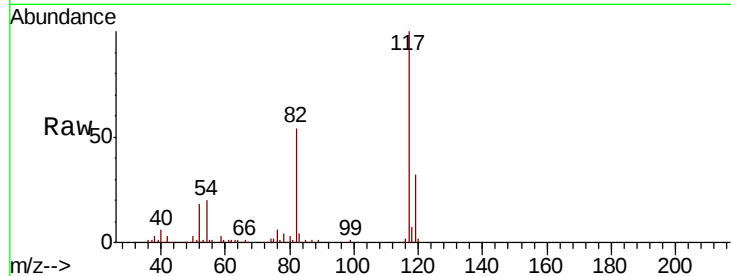




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061891.D
Acq: 18 Jun 2020 11:28

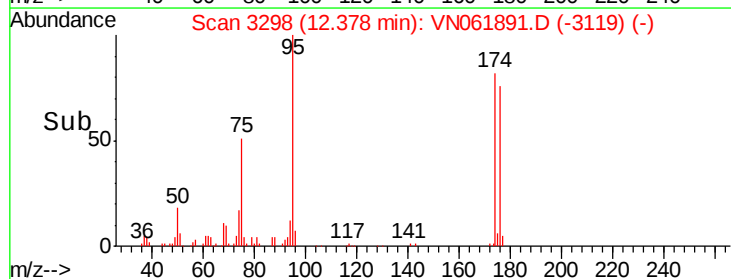
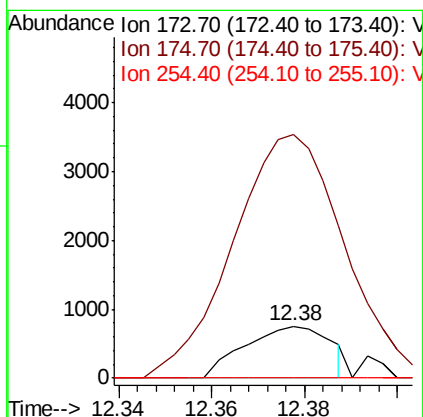
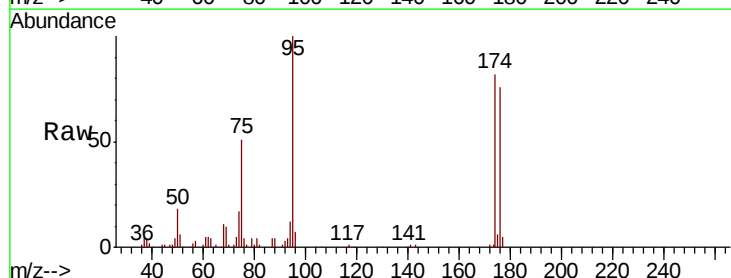
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

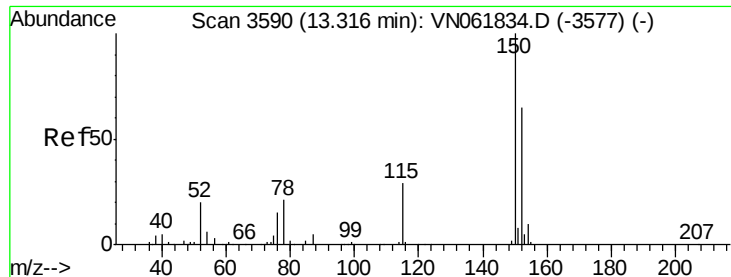
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.6	64.0
119	32.4	24.7	37.1



#71
Bromoform
Concen: 0.777 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN061891.D
Acq: 18 Jun 2020 11:28

Tgt Ion	Ratio	Lower	Upper
173	100		
175	529.3	23.9	71.7#
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061891.D

Acq: 18 Jun 2020 11:28

Instrument :

MSVOA_N

ClientSampled :

VN0618WBL01

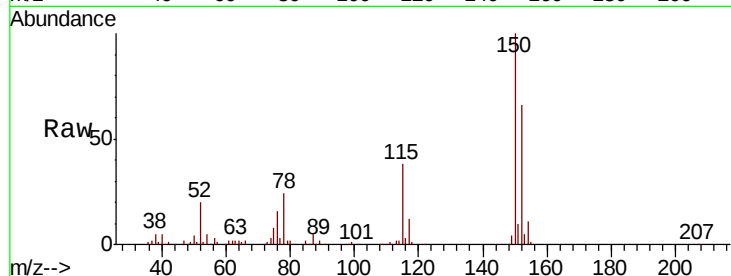
Tot Ion:152 Resp: 89386

Ion Ratio Lower Upper

152 100

115 58.9 29.1 87.3

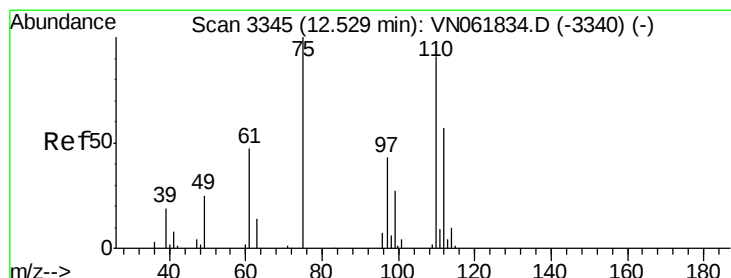
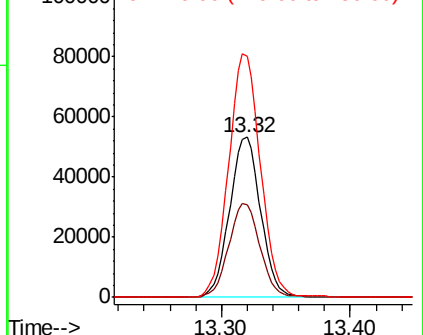
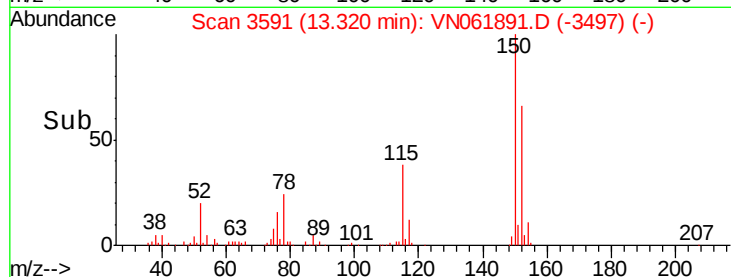
150 155.5 0.0 347.6



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: 28.823 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061891.D

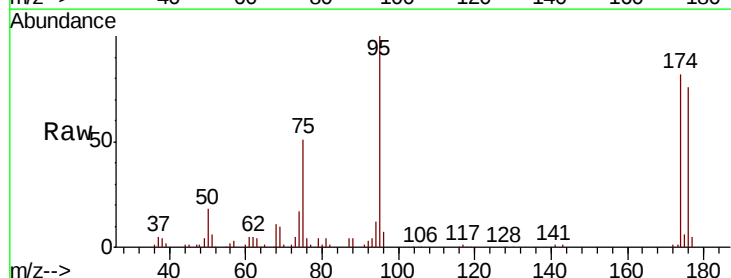
Acq: 18 Jun 2020 11:28

Tgt Ion: 75 Resp: 50580

Ion Ratio Lower Upper

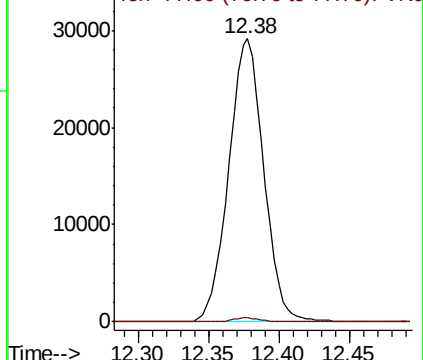
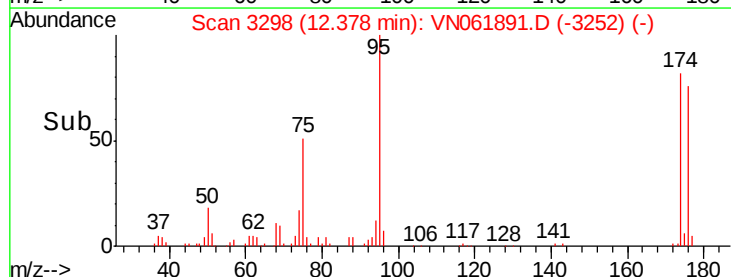
75 100

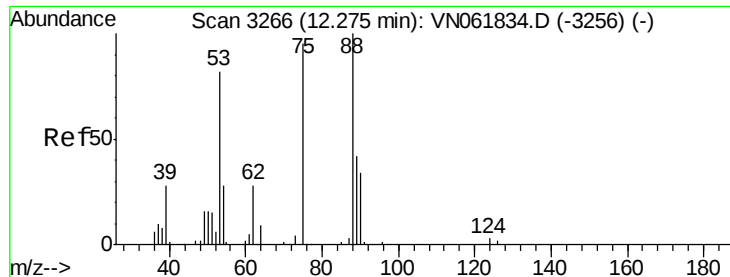
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

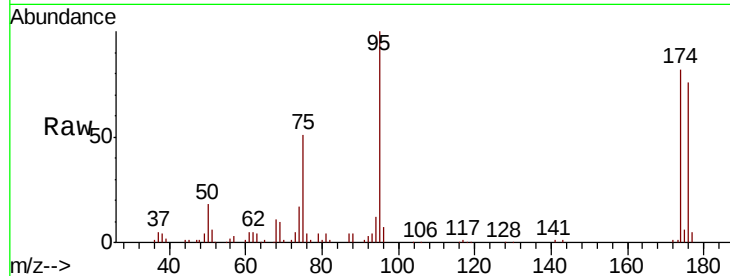




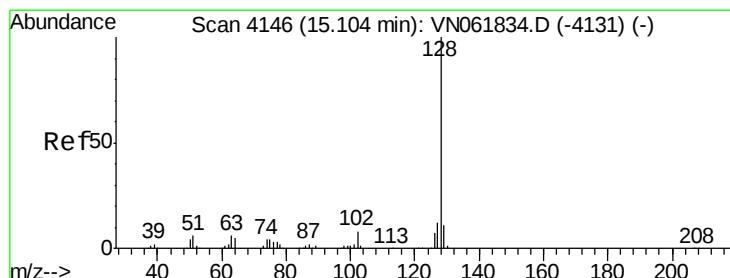
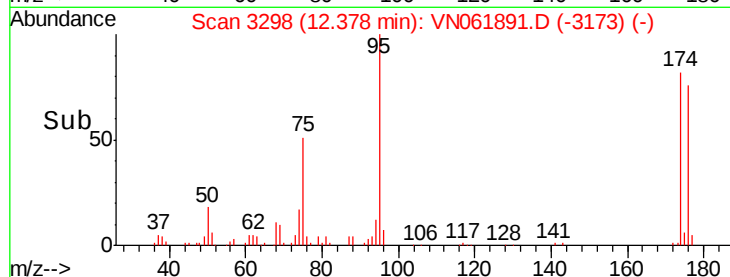
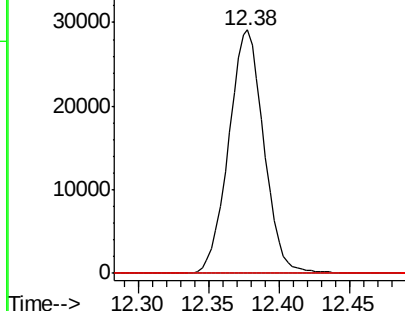
#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.611 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN061891.D
 Acq: 18 Jun 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBL01

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.4	105.6#
89	0.0	36.0	54.0#

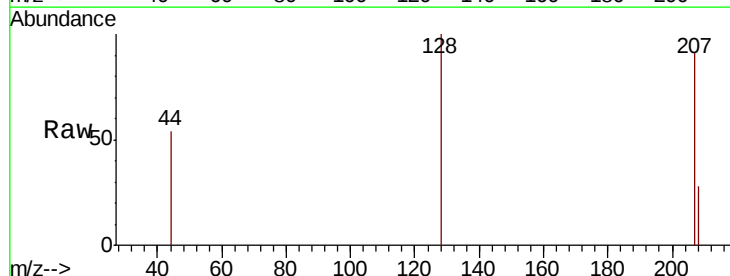


Abundance Ion 74.90 (74.60 to 75.60): VN061891.D (-3173) (-)
 Ion 53.00 (52.70 to 53.70): VN061891.D (-3173) (-)
 Ion 88.90 (88.60 to 89.60): VN061891.D (-3173) (-)



#95
 Naphthalene
 Concen: 3.644 ug/l
 RT: 15.11 min Scan# 4147
 Delta R.T. 0.00 min
 Lab File: VN061891.D
 Acq: 18 Jun 2020 11:28

Tgt 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): VN061891.D (-4053) (-)
 Ion 127.00 (126.70 to 127.70): VN061891.D (-4053) (-)
 Ion 129.00 (128.70 to 129.70): VN061891.D (-4053) (-)

