

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061958.D
 Acq On : 19 Jun 2020 17:35
 Operator : JC/MD
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Jun 20 07:35:52 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	152832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	281496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	271722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	101354	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	103818	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
35) Dibromofluoromethane	7.55	113	90657	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
50) Toluene-d8	10.06	98	353926	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.38	95	114591	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	

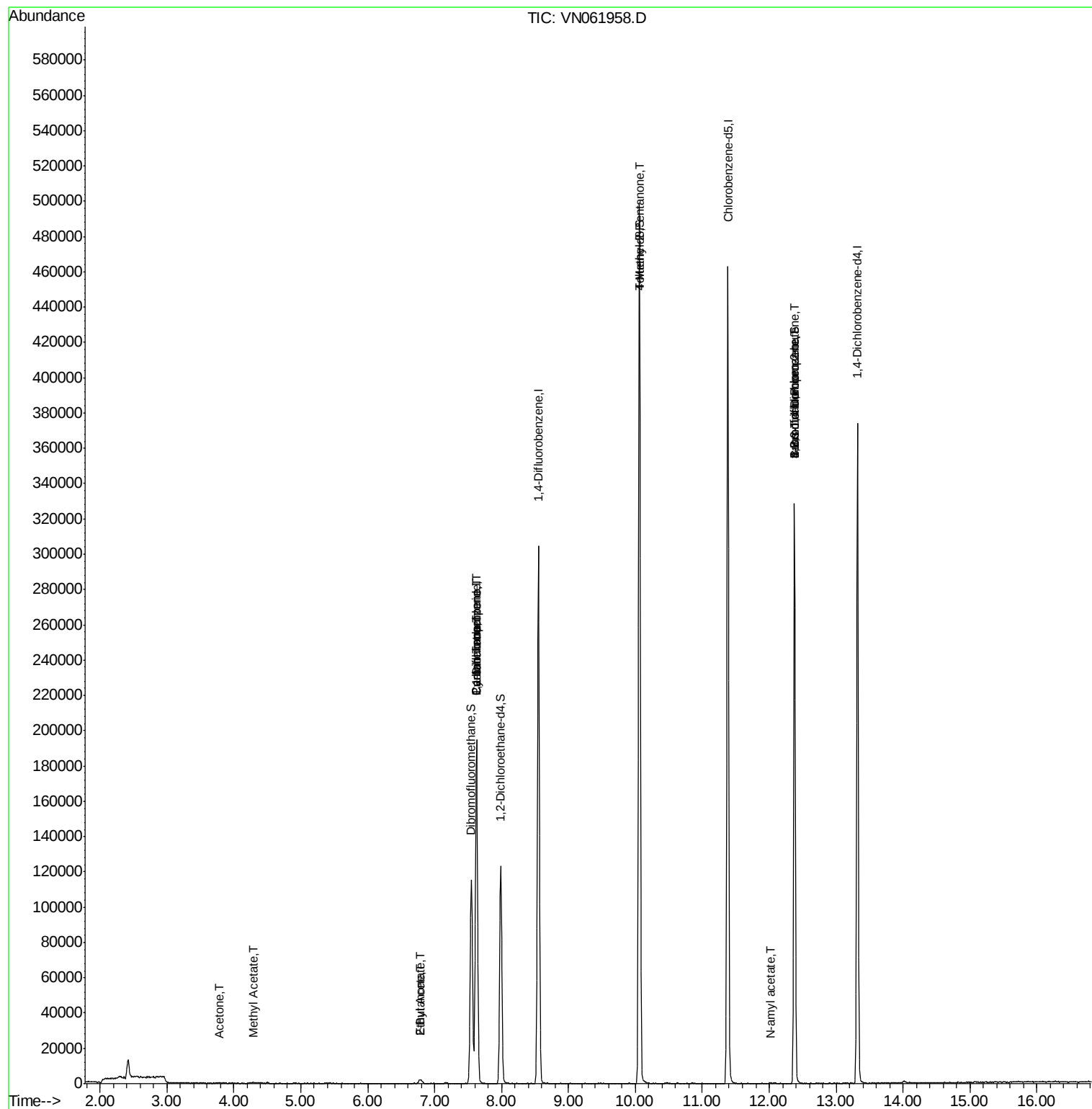
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	448	0.740	ug/l #	40
18) Methyl Acetate	4.29	43	1065	0.611	ug/l #	46
25) 2-Butanone	6.79	43	1691	1.914	ug/l	95
31) Cyclohexane	7.63	56	3369	1.247	ug/l #	6
36) 1,1-Dichloropropene	7.63	75	12459	4.852	ug/l #	48
37) Ethyl Acetate	6.79	43	1691	0.843	ug/l #	65
38) Carbon Tetrachloride	7.63	117	16036	6.307	ug/l #	17
51) 4-Methyl-2-Pentanone	10.05	43	1343	0.673	ug/l #	1
71) Bromoform	12.37	173	794	0.545	ug/l #	1
74) N-amyl acetate	12.01	43	407	3.211	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	58313	29.305	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	58313	79.928	ug/l #	14

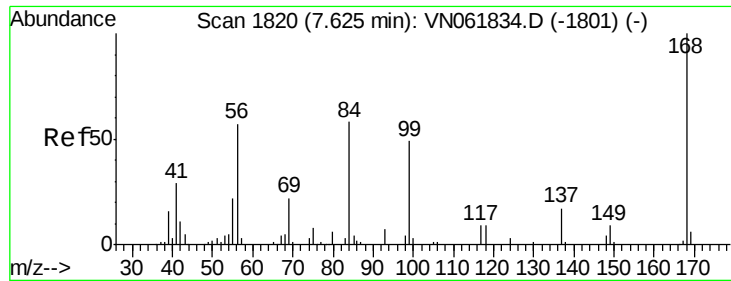
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061920\
Data File : VN061958.D
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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: VN061958.D

Acq: 19 Jun 2020 17:35

Instrument :

MSVOA_N

ClientSampled :

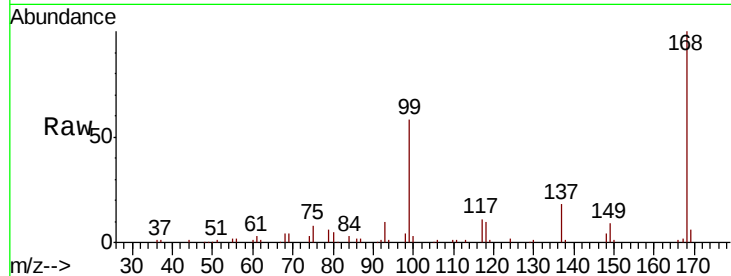
I.BLK

Tot Ion:168 Resp: 152832

Ion Ratio Lower Upper

168 100

99 57.8 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

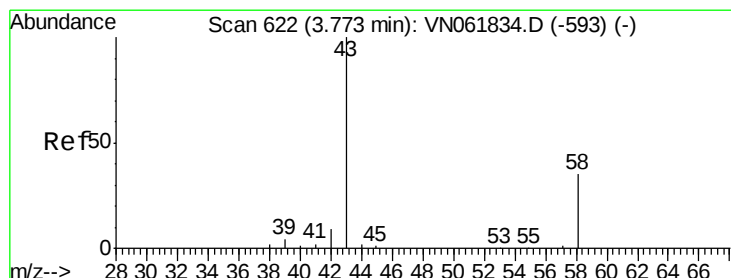
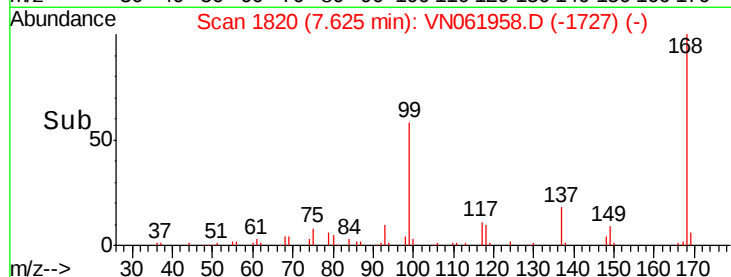
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 0.740 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061958.D

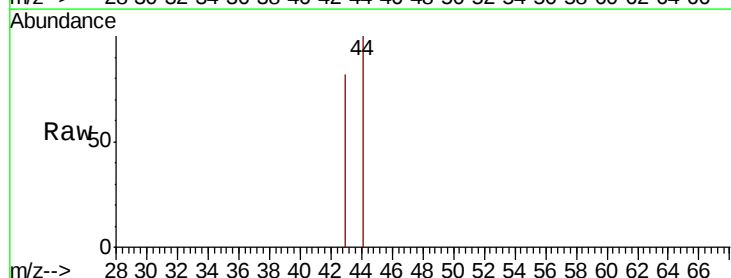
Acq: 19 Jun 2020 17:35

Tgt Ion: 43 Resp: 448

Ion Ratio Lower Upper

43 100

58 0.0 27.8 41.8#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

250

200

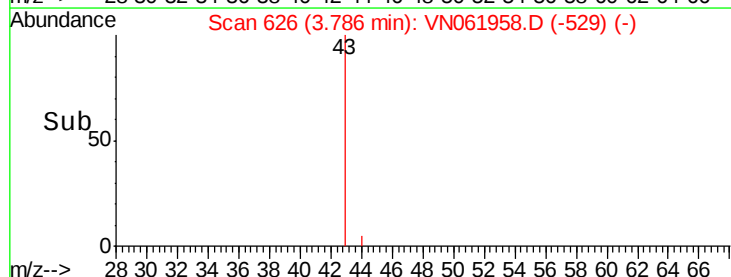
150

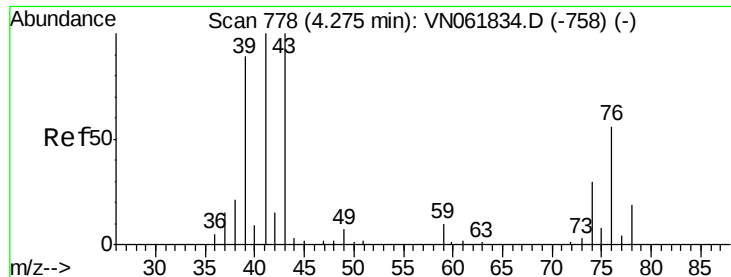
100

50

0

Time--> 3.74 3.76 3.78 3.80 3.82

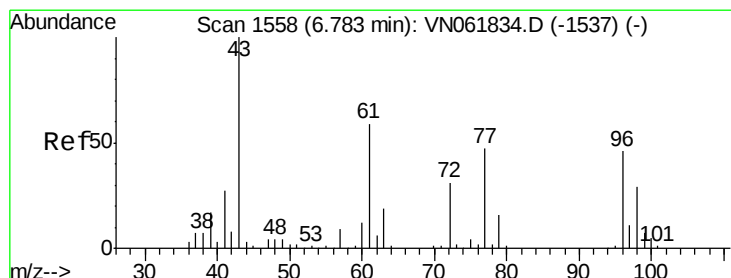
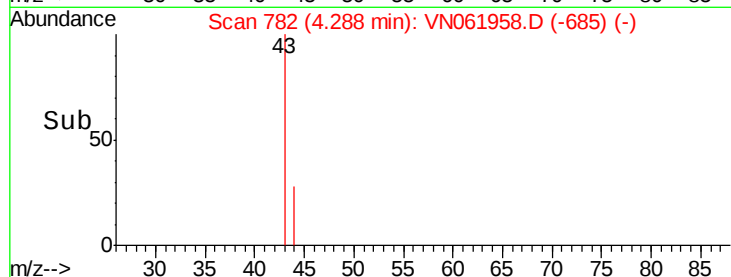
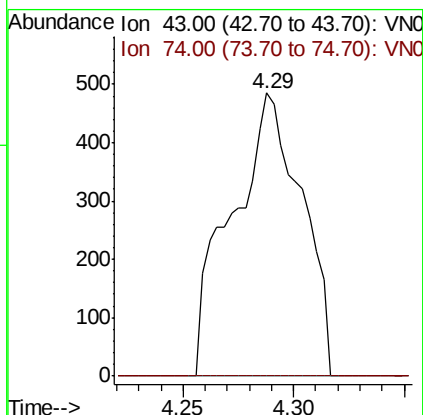
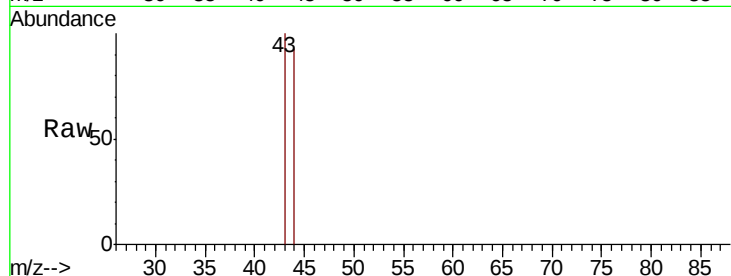




#18
Methvl Acetate
Concen: 0.611 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN061958.D
Acq: 19 Jun 2020 17:35

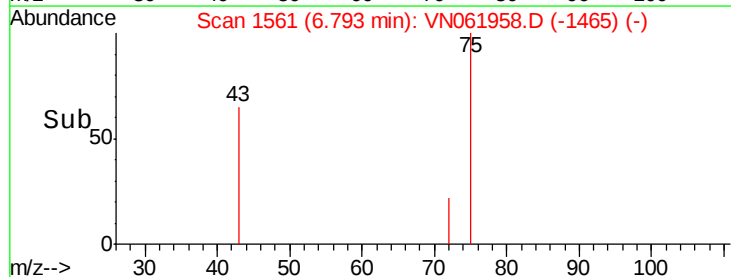
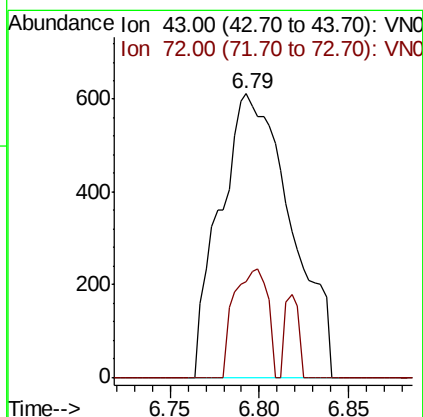
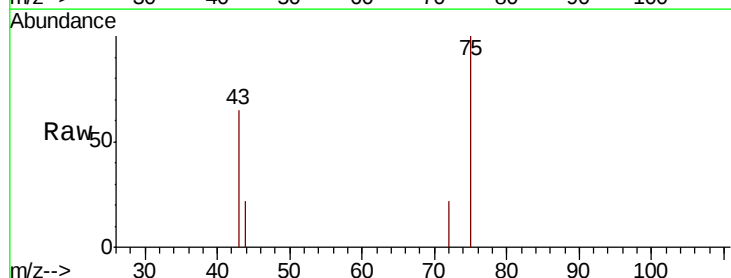
Instrument :
MSVOA_N
ClientSampled :
I.BLK

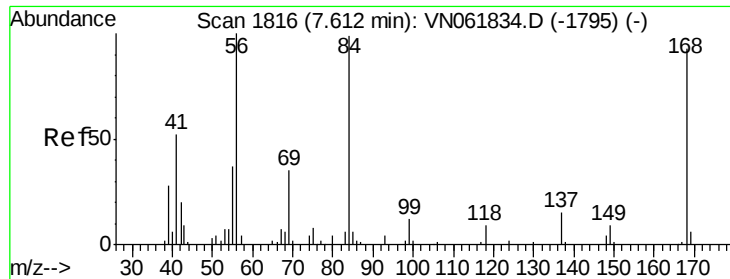
Tot Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
74 0.0 23.0 34.4#



#25
2-Butanone
Concen: 1.914 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN061958.D
Acq: 19 Jun 2020 17:35

Tgt Ion: 43 Resp: 1691
Ion Ratio Lower Upper
43 100
72 33.7 24.6 37.0

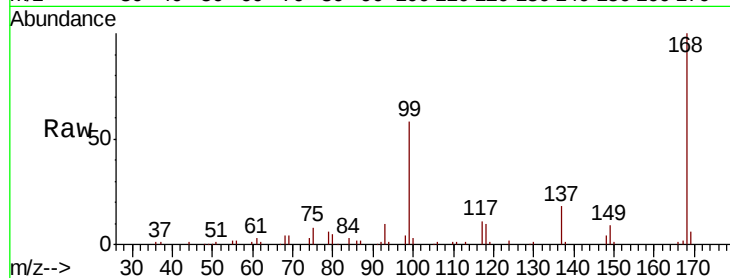




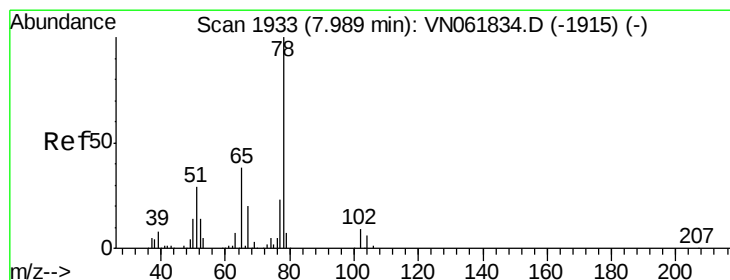
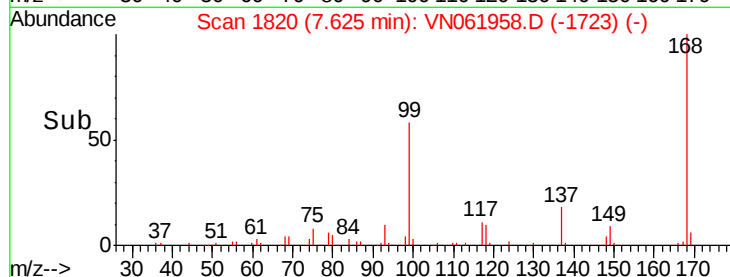
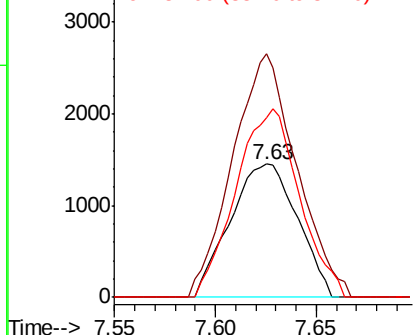
#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN061958.D
Acq: 19 Jun 2020 17:35

Instrument :
MSVOA_N
ClientSampled :
I.BLK

Tot Ion: 56 Resp: 3369
Ion Ratio Lower Upper
56 100
69 183.1 27.7 41.5#
84 135.3 79.1 118.7#

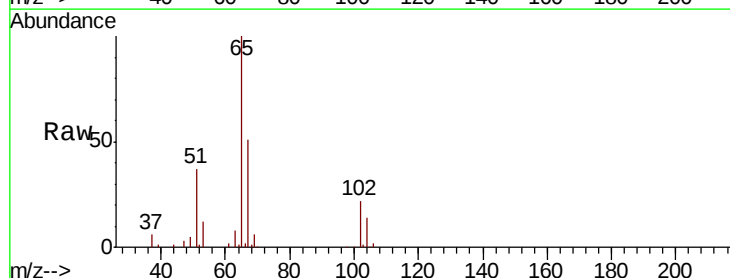


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

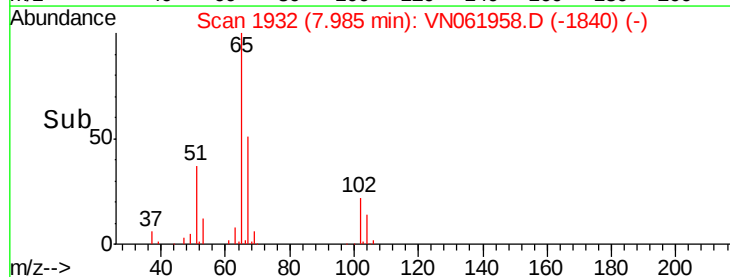
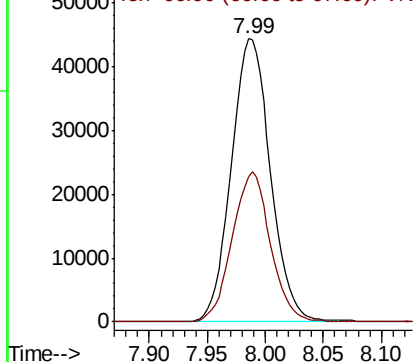


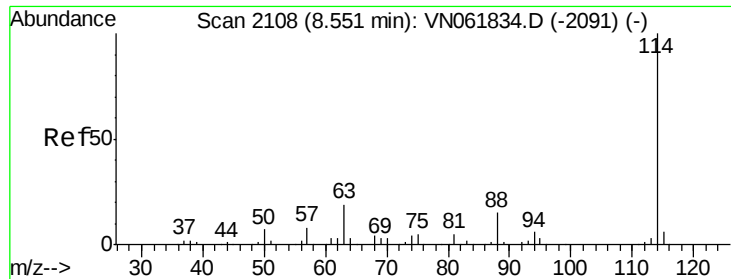
#33
1,2-Dichloroethane-d4
Concen: 50.650 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN061958.D
Acq: 19 Jun 2020 17:35

Tgt Ion: 65 Resp: 103818
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.2



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

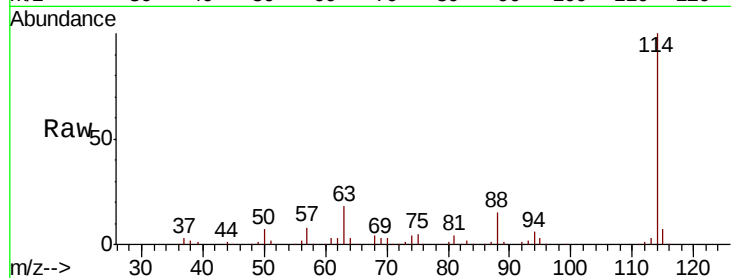




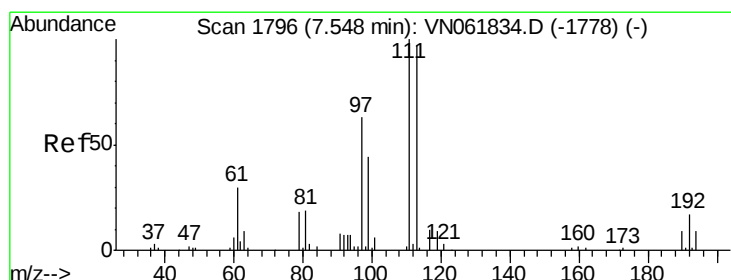
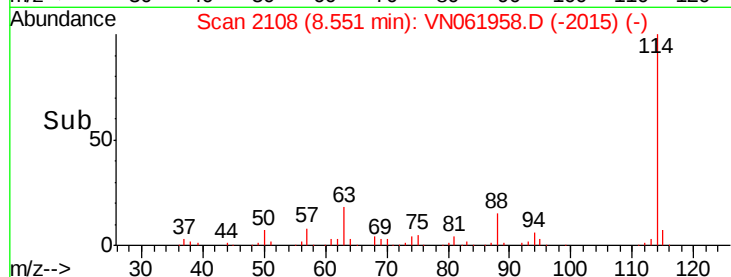
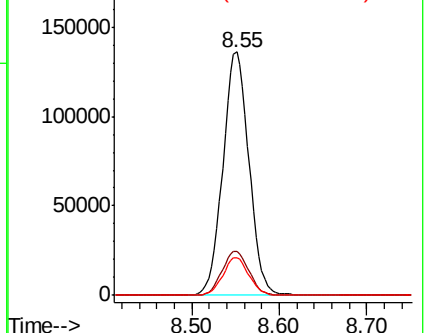
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN061958.D
Acq: 19 Jun 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tot Ion:114 Resp: 281496
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.6
88 15.4 0.0 31.0

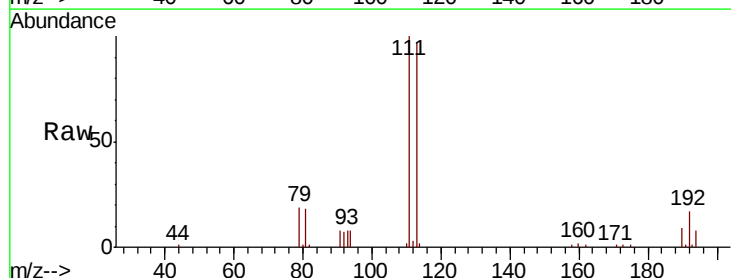


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

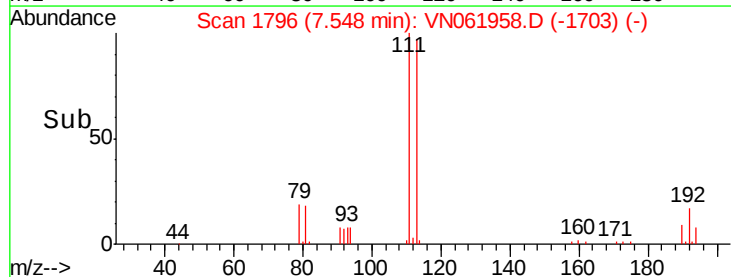
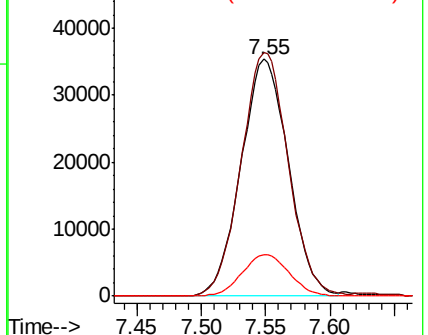


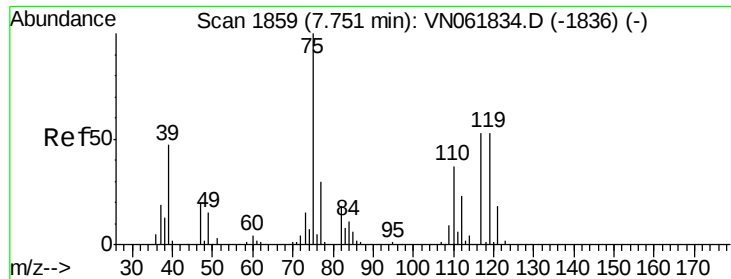
#35
Dibromofluoromethane
Concen: 50.341 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061958.D
Acq: 19 Jun 2020 17:35

Tgt Ion:113 Resp: 90657
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 17.4 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

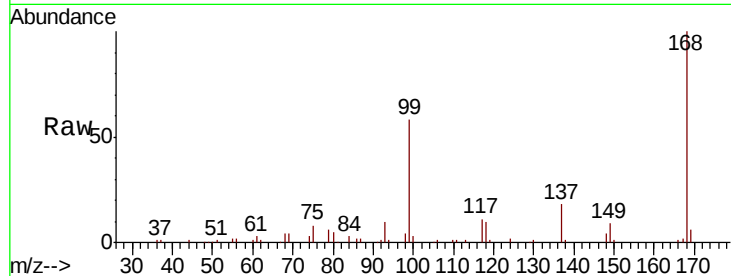




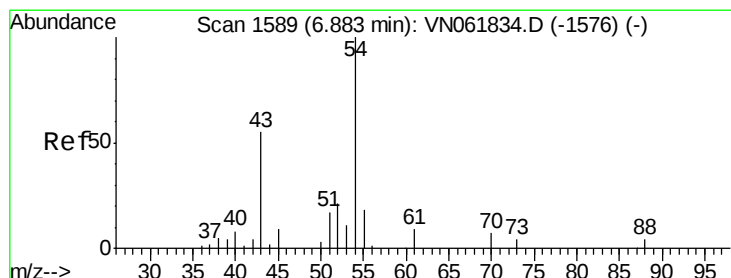
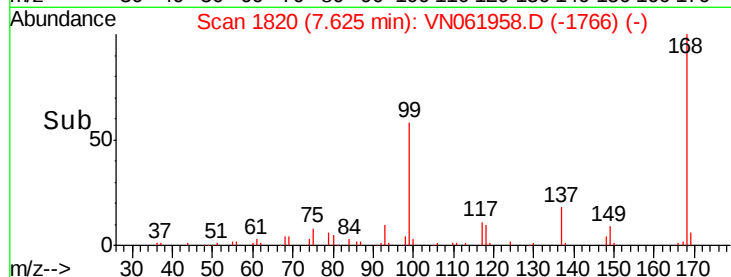
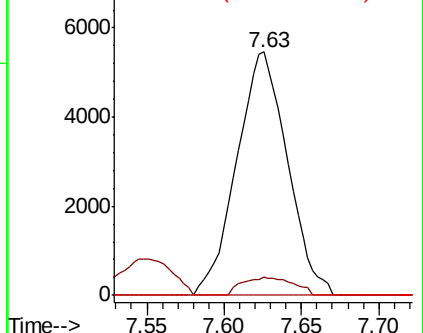
#36
 1,1-Dichloropropene
 Concen: 4.852 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061958.D
 Acq: 19 Jun 2020 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.4	18.2	54.6#
77	0.0	24.2	36.4#

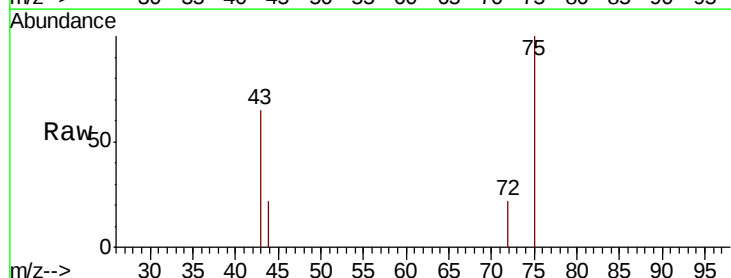


Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-1836) (-)
 Ion 109.90 (109.60 to 110.60): VN061834.D (-1836) (-)
 Ion 76.90 (76.60 to 77.60): VN061834.D (-1836) (-)

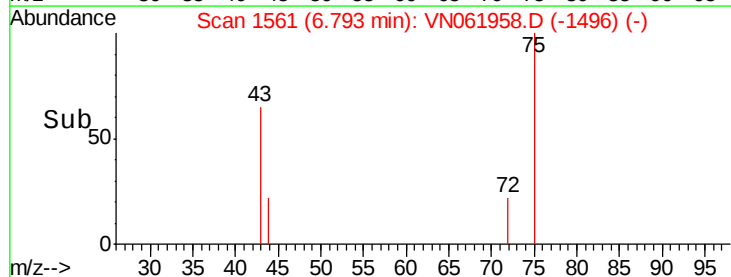
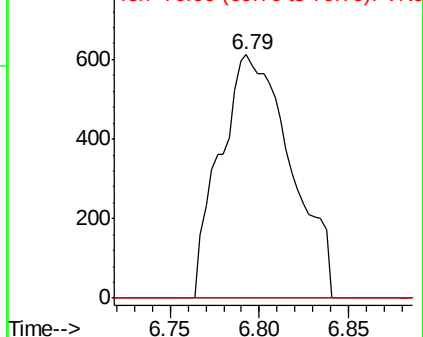


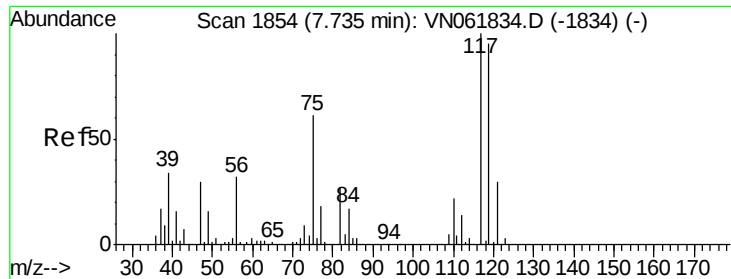
#37
 Ethyl Acetate
 Concen: 0.843 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.09 min
 Lab File: VN061958.D
 Acq: 19 Jun 2020 17:35

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.0	19.4#
70	0.0	9.4	14.2#



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1576) (-)
 Ion 60.90 (60.60 to 61.60): VN061834.D (-1576) (-)
 Ion 70.00 (69.70 to 70.70): VN061834.D (-1576) (-)

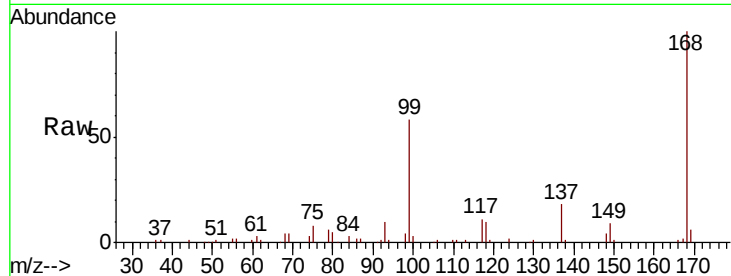




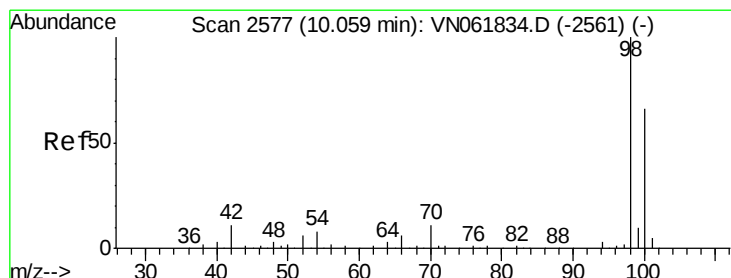
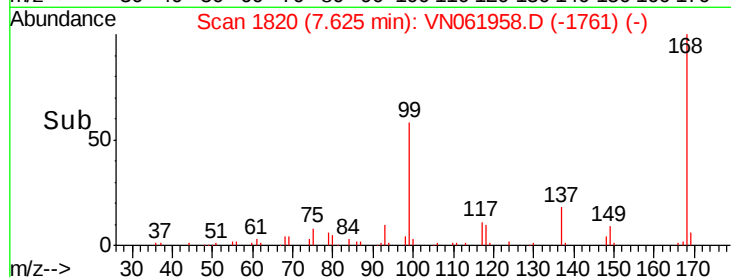
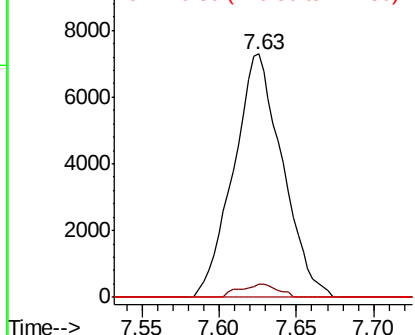
#38
Carbon Tetrachloride
Concen: 6.307 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN061958.D
Acq: 19 Jun 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tot Ion:117 Resp: 16036
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 23.8 35.6#

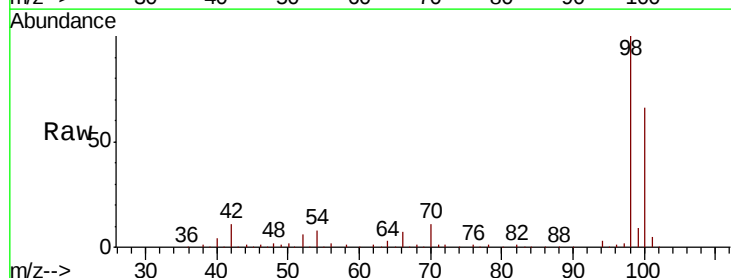


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

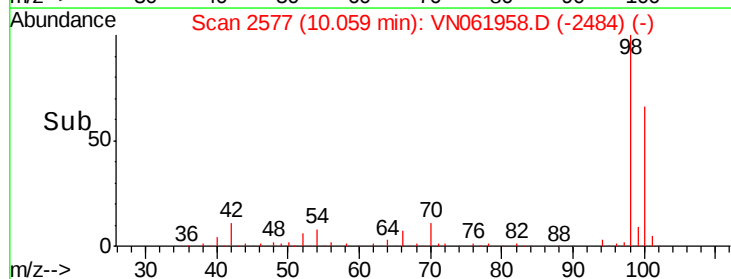
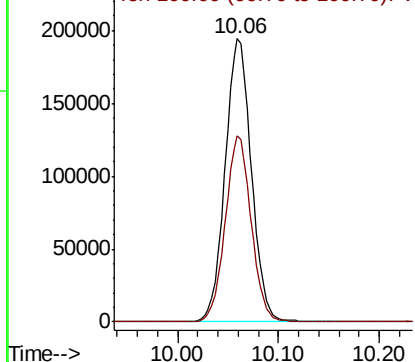


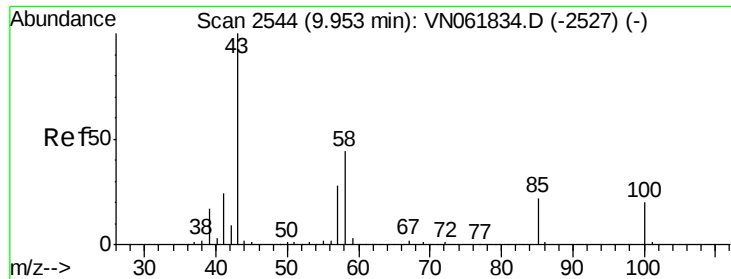
#50
Toluene-d8
Concen: 49.990 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061958.D
Acq: 19 Jun 2020 17:35

Tgt Ion: 98 Resp: 353926
Ion Ratio Lower Upper
98 100
100 64.7 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: 0.673 ug/l

RT: 10.05 min Scan# 2575

Delta R.T. 0.10 min

Lab File: VN061958.D

Acq: 19 Jun 2020 17:35

Instrument :

MSVOA_N

ClientSampled :

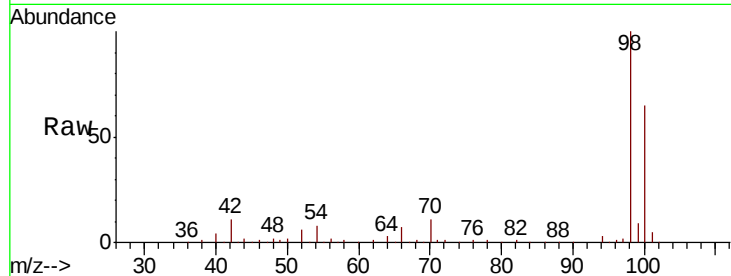
I.BLK

Tot Ion: 43 Resp: 1343

Ion Ratio Lower Upper

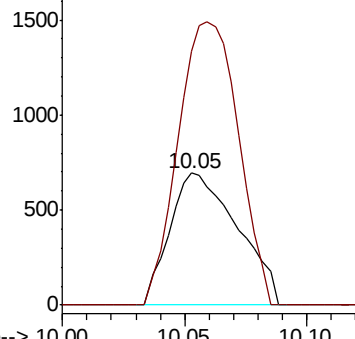
43 100

58 190.5 34.6 52.0#

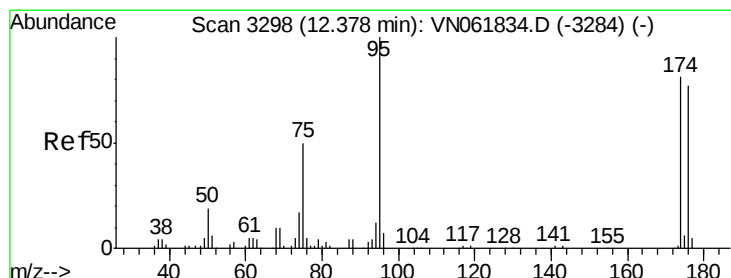
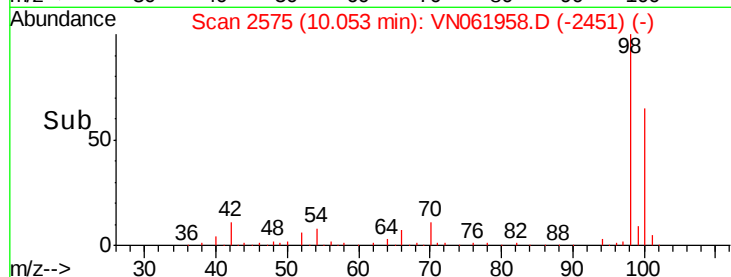


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time--> 10.00 10.05 10.10



#62

4-Bromofluorobenzene

Concen: 47.185 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061958.D

Acq: 19 Jun 2020 17:35

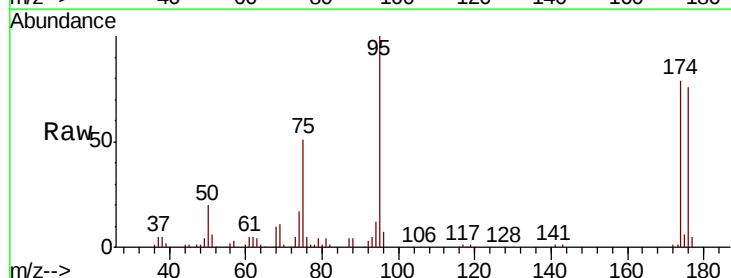
Tgt Ion: 95 Resp: 114591

Ion Ratio Lower Upper

95 100

174 78.8 0.0 158.6

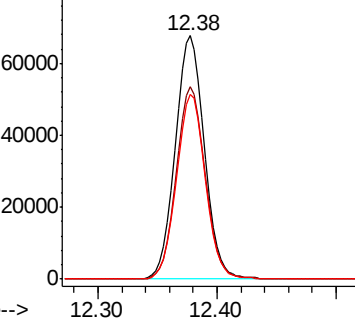
176 75.5 0.0 152.0



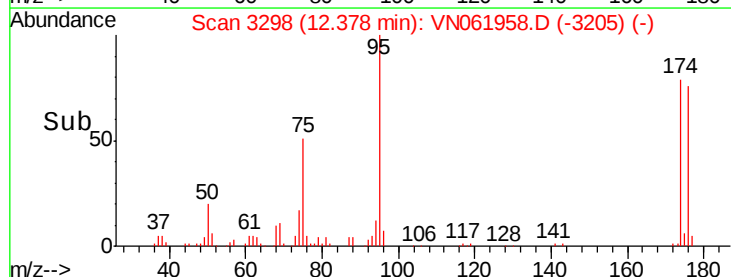
Abundance Ion 94.90 (94.60 to 95.60): VN0

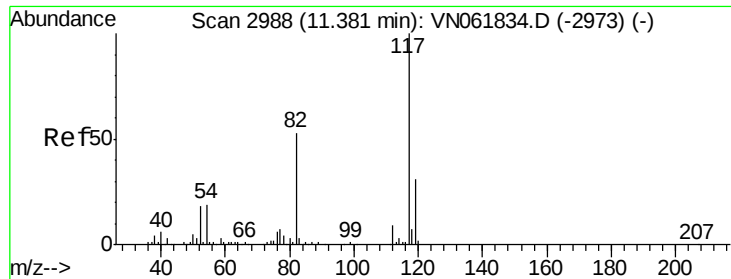
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time--> 12.30 12.40

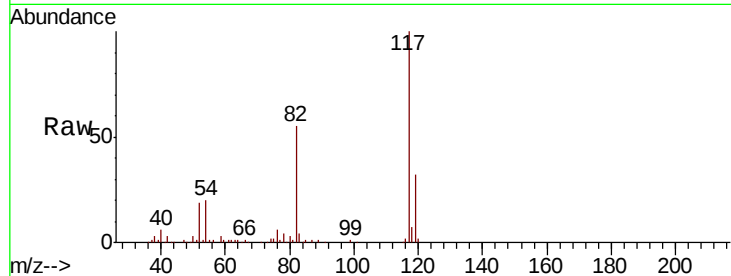




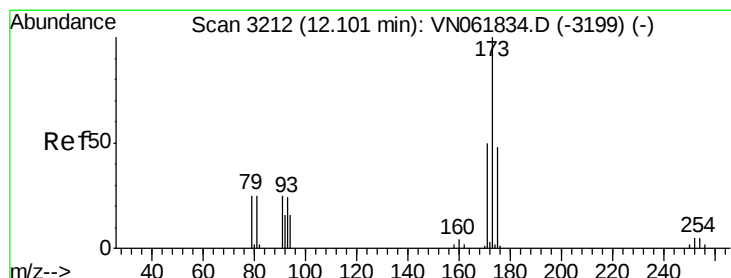
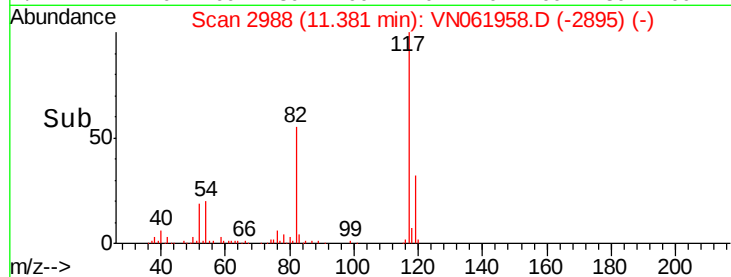
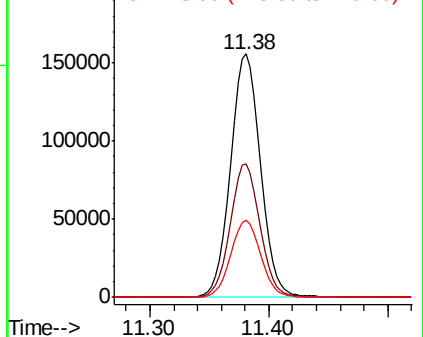
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061958.D
Acq: 19 Jun 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tot Ion:117 Resp: 271722
Ion Ratio Lower Upper
117 100
82 55.0 42.6 64.0
119 31.8 24.7 37.1

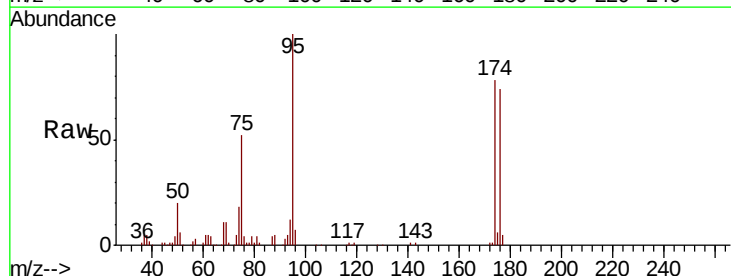


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

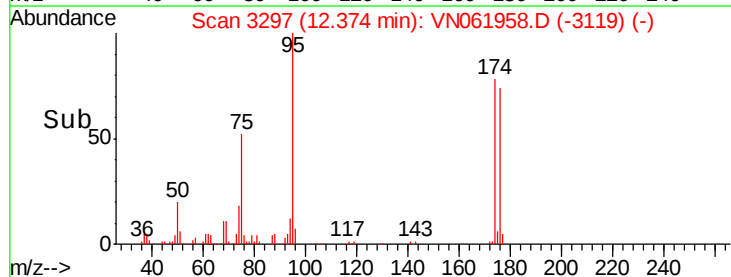
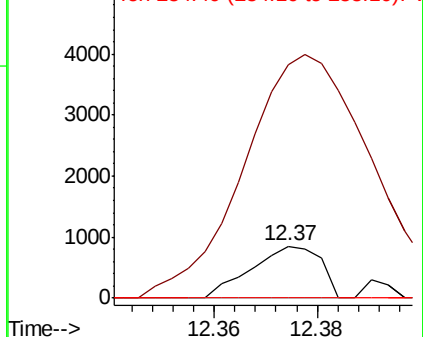


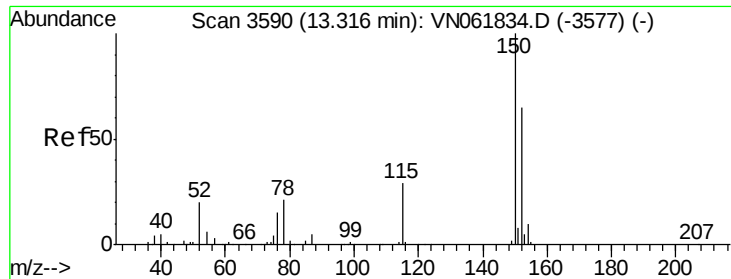
#71
Bromoform
Concen: 0.545 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.27 min
Lab File: VN061958.D
Acq: 19 Jun 2020 17:35

Tgt Ion:173 Resp: 794
Ion Ratio Lower Upper
173 100
175 702.8 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: VN061958.D

Acq: 19 Jun 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

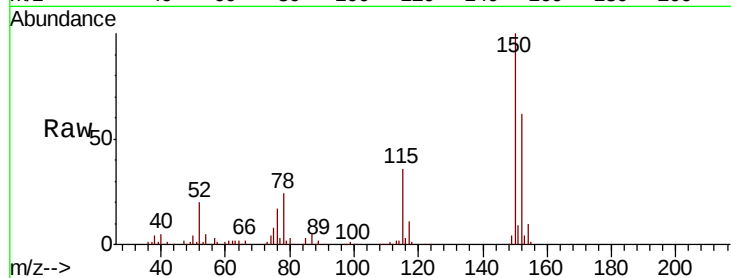
Tot Ion:152 Resp: 101354

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.3

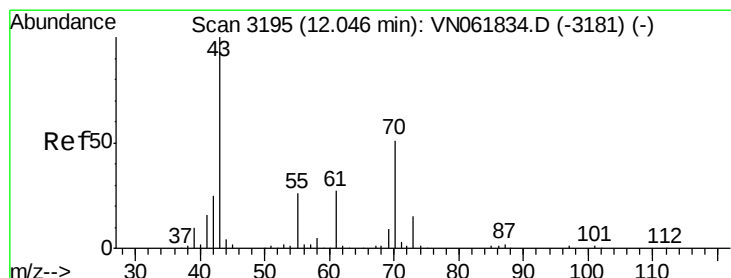
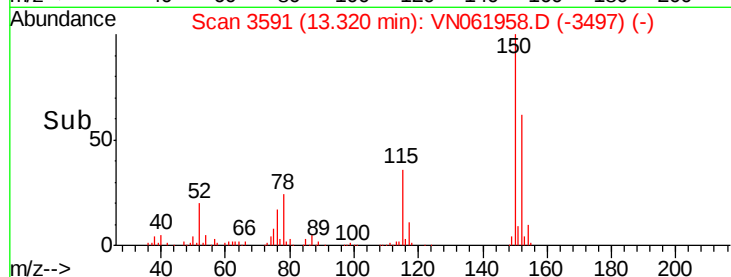
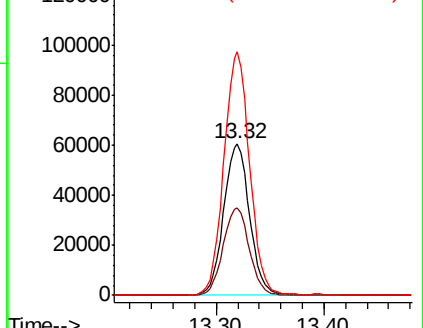
150 159.1 0.0 347.6



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



#74

N-ethyl acetate

Concen: 3.211 ug/l

RT: 12.01 min Scan# 3185

Delta R.T. -0.03 min

Lab File: VN061958.D

Acq: 19 Jun 2020 17:35

Tgt Ion: 43 Resp: 407

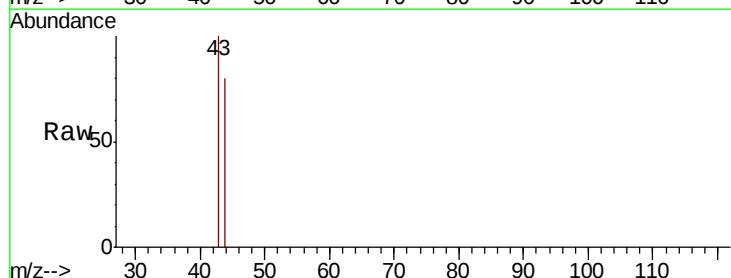
Ion Ratio Lower Upper

43 100

70 0.0 40.6 60.8#

55 0.0 21.5 32.3#

61 0.0 21.6 32.4#

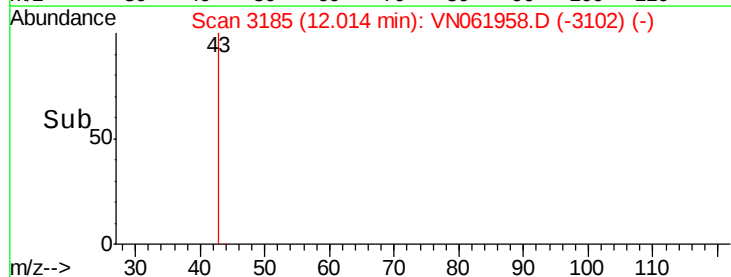
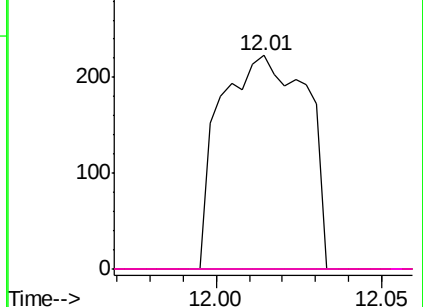


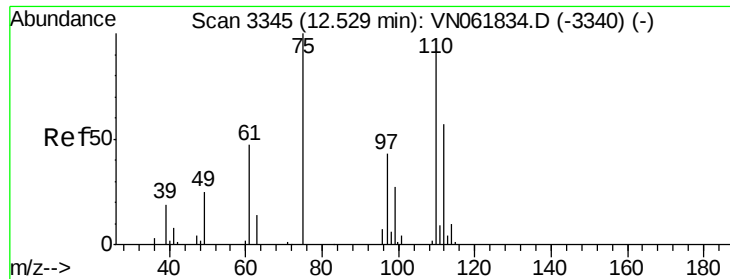
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 29.305 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061958.D

Acq: 19 Jun 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

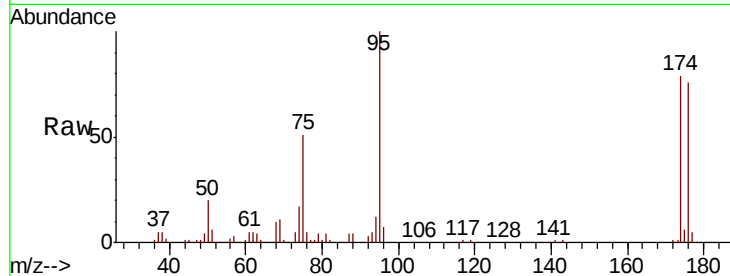
I.BLK

Tot Ion: 75 Resp: 58313

Ion Ratio Lower Upper

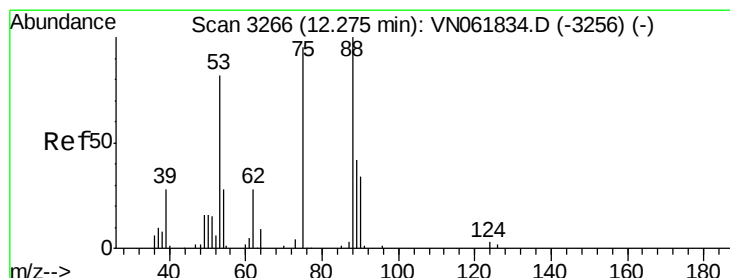
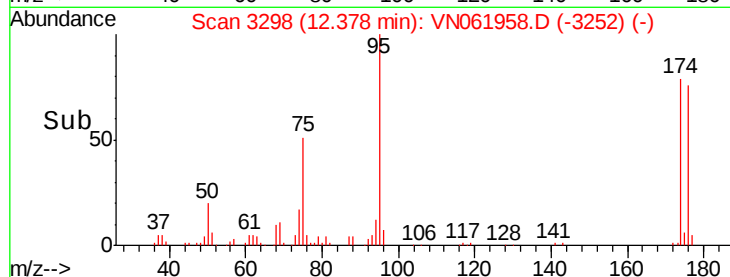
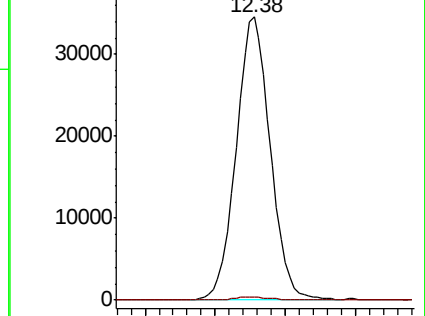
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061958.D (-3298) (-)

Ion 77.00 (76.70 to 77.70): VN061958.D (-3298) (-)



#81

trans-1,4-Dichloro-2-butene

Concen: 79.928 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061958.D

Acq: 19 Jun 2020 17:35

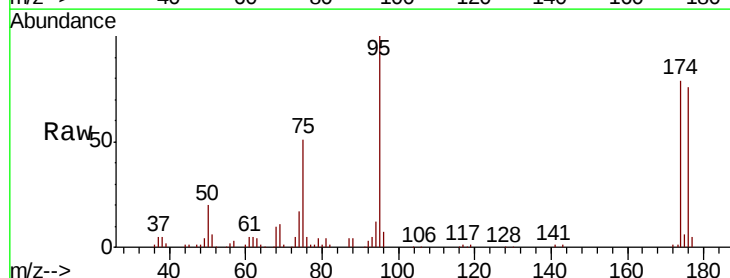
Tgt Ion: 75 Resp: 58313

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): VN061958.D (-3298) (-)

Ion 53.00 (52.70 to 53.70): VN061958.D (-3298) (-)

Ion 88.90 (88.60 to 89.60): VN061958.D (-3298) (-)

