

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040720\
 Data File : VN060869.D
 Acq On : 7 Apr 2020 11:43
 Operator : JC/MD
 Sample : VN0407MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407MBL01

Quant Time: Apr 08 02:43:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	188324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	308734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	275605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	106896	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	119632	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	
35) Dibromofluoromethane	7.56	113	91974	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
50) Toluene-d8	10.08	98	375452	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.40	95	128903	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	

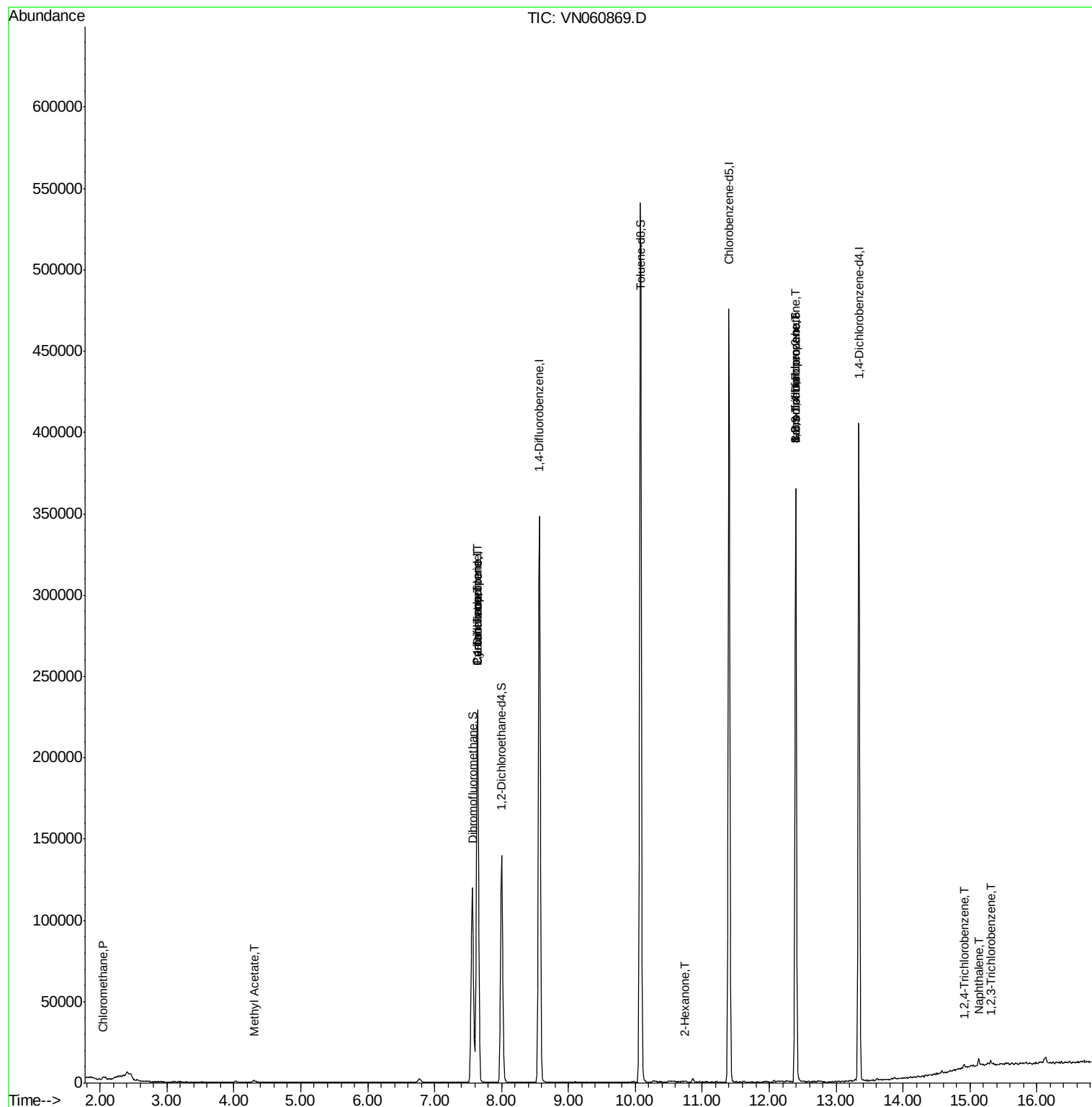
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1163	0.342	ug/l	93
18) Methyl Acetate	4.30	43	2300	0.892	ug/l #	63
31) Cyclohexane	7.64	56	3957	0.950	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14555	4.869	ug/l #	50
38) Carbon Tetrachloride	7.64	117	17893	6.678	ug/l #	17
59) 2-Hexanone	10.74	43	698	0.320	ug/l	68
71) Bromoform	12.40	173	428	1.932	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	63920	27.712	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	63920	71.172	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.90	180	868	0.434	ug/l	78
95) Naphthalene	15.13	128	4173	0.693	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.31	180	1246	0.632	ug/l	97

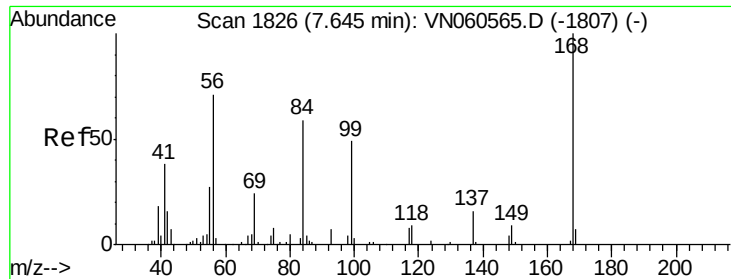
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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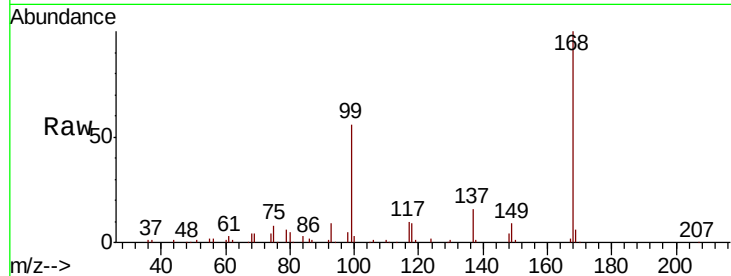




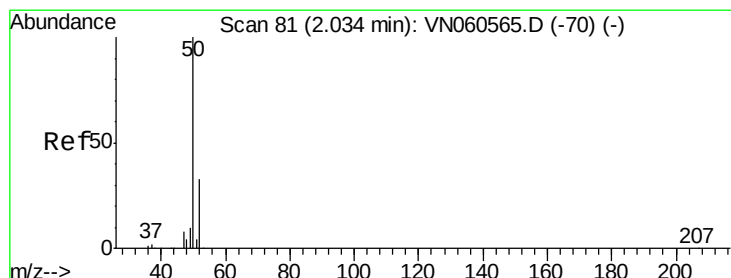
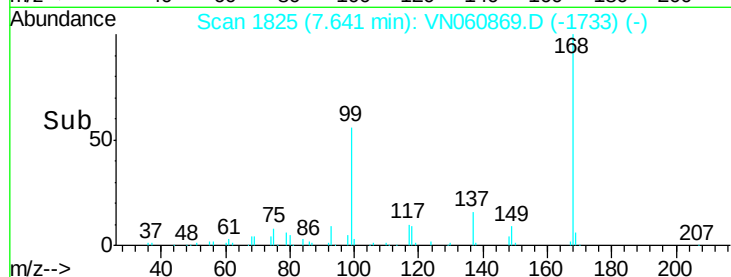
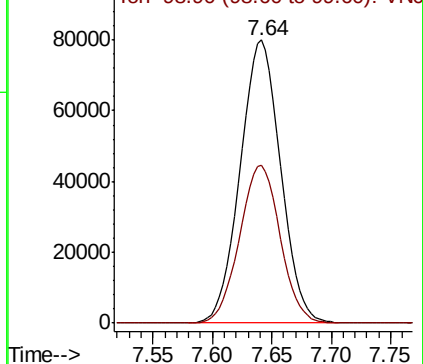
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN060869.D
Acq: 7 Apr 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0407MBL01

Tot Ion:168 Resp: 188324
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0

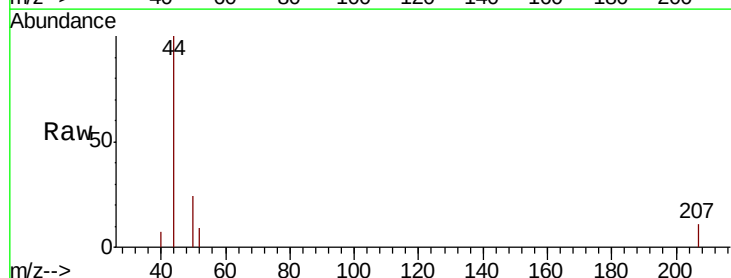


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN0

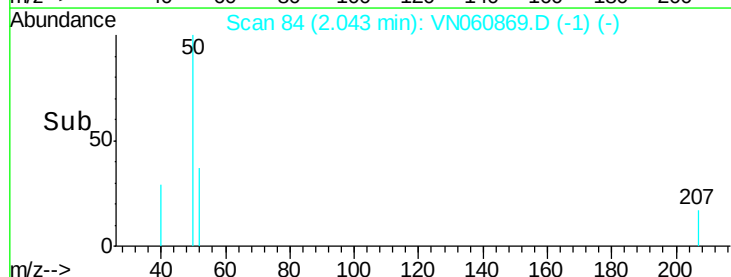
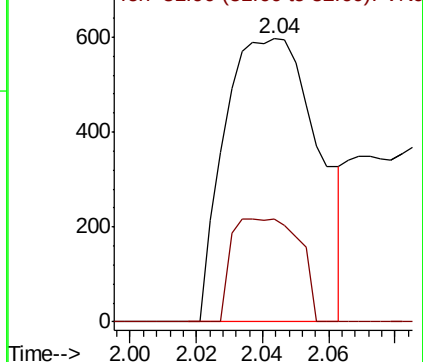


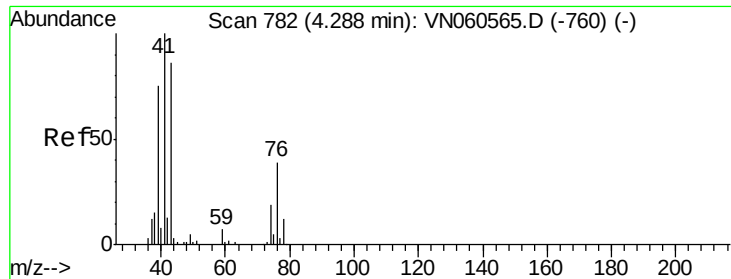
#3
Chloromethane
Concen: 0.342 ug/l
RT: 2.04 min Scan# 84
Delta R.T. 0.01 min
Lab File: VN060869.D
Acq: 7 Apr 2020 11:43

Tgt Ion: 50 Resp: 1163
Ion Ratio Lower Upper
50 100
52 36.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN0
Ion 51.90 (51.60 to 52.60): VN0

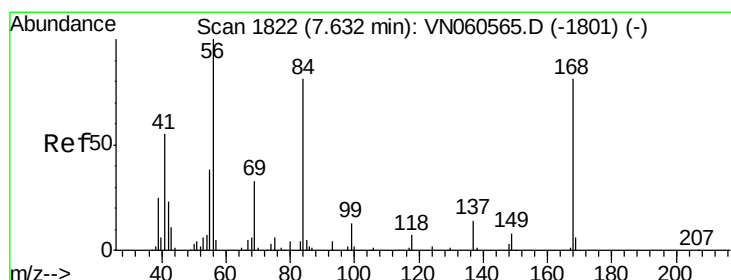
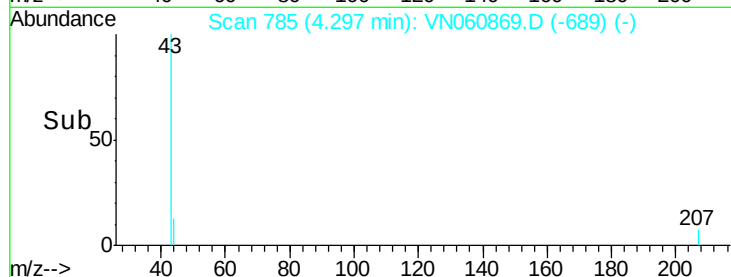
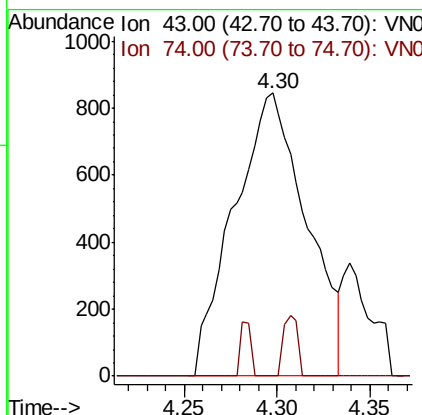
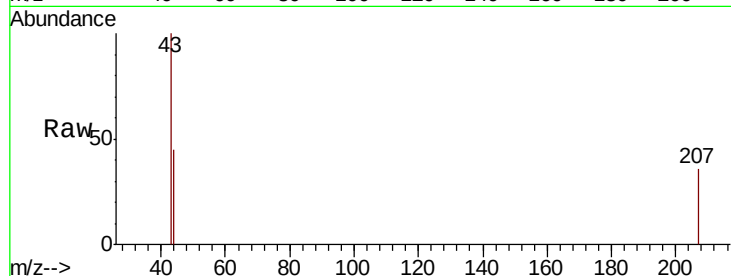




#18
Methvl Acetate
Concen: 0.892 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.01 min
Lab File: VN060869.D
Acq: 7 Apr 2020 11:43

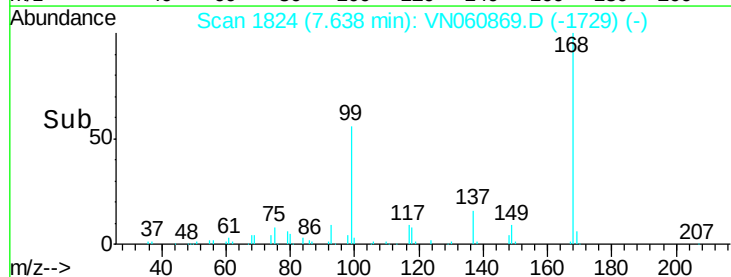
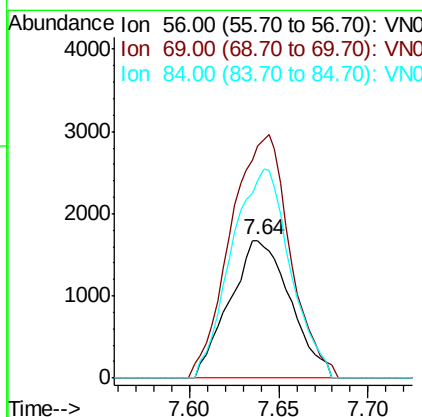
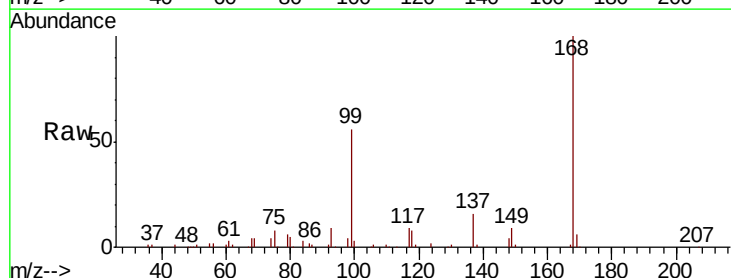
Instrument :
MSVOA_N
ClientSampleId :
VN0407MBL01

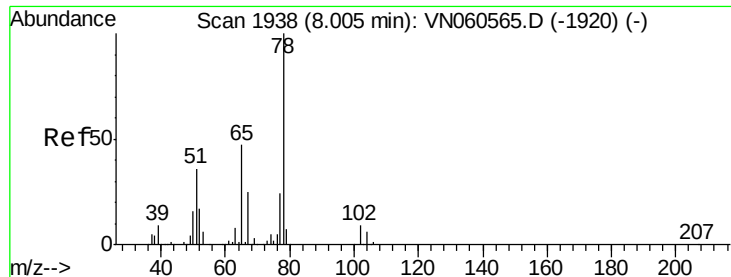
Tot Ion: 43 Resp: 2300
Ion Ratio Lower Upper
43 100
74 4.2 17.5 26.3#



#31
Cyclohexane
Concen: 0.950 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN060869.D
Acq: 7 Apr 2020 11:43

Tgt Ion: 56 Resp: 3957
Ion Ratio Lower Upper
56 100
69 168.4 26.6 40.0#
84 143.3 64.3 96.5#

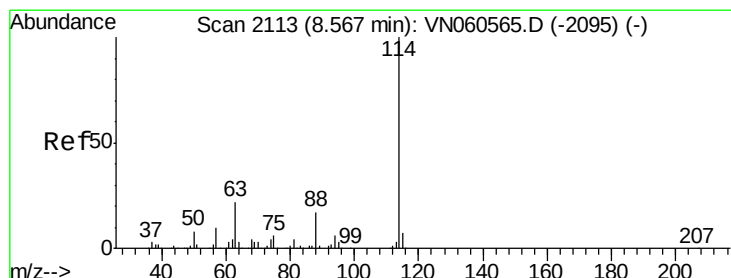
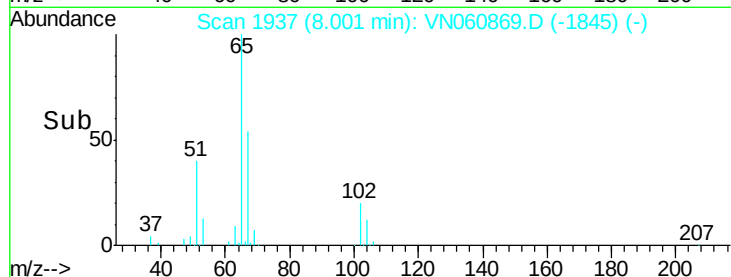
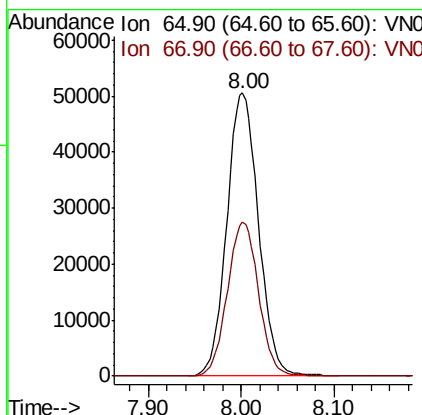
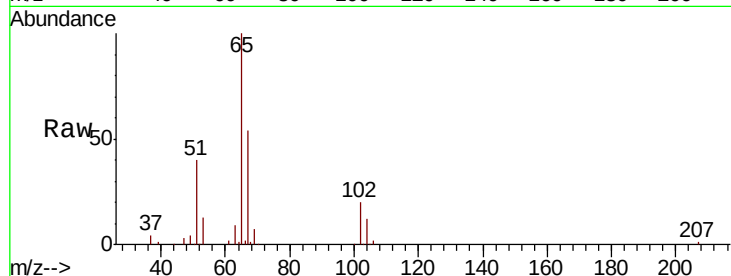




#33
 1,2-Dichloroethane-d4
 Concen: 46.275 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060869.D
 Acq: 7 Apr 2020 11:43

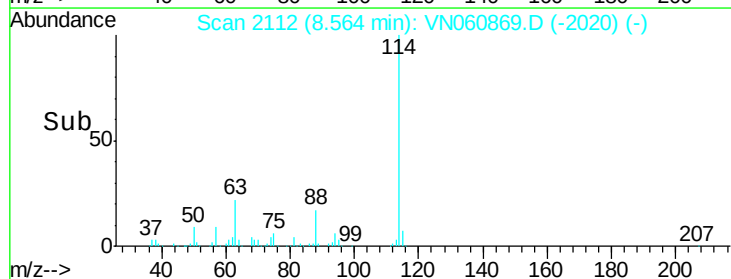
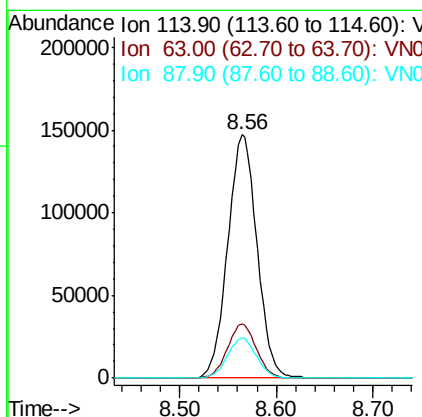
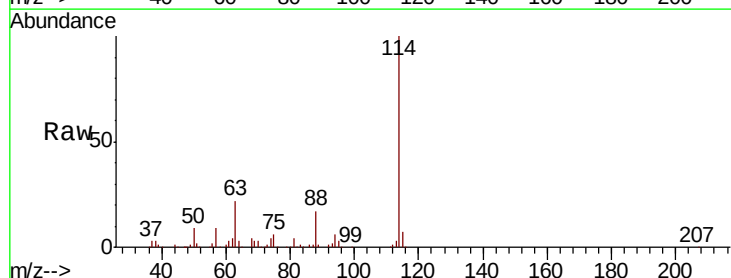
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407MBL01

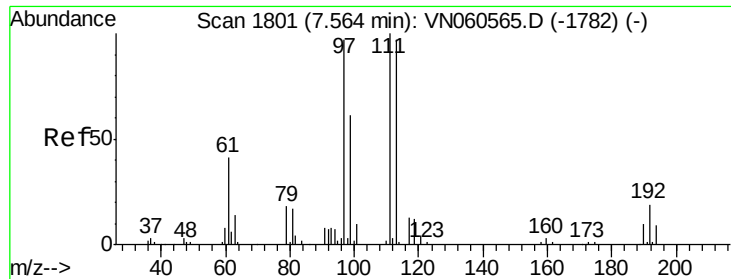
Tot Ion: 65 Resp: 119632
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060869.D
 Acq: 7 Apr 2020 11:43

Tgt Ion: 114 Resp: 308734
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.8
 88 16.5 0.0 33.0

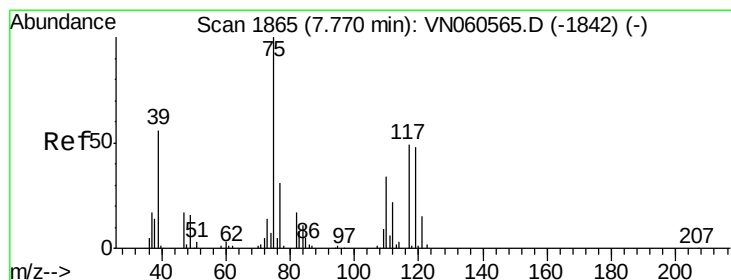
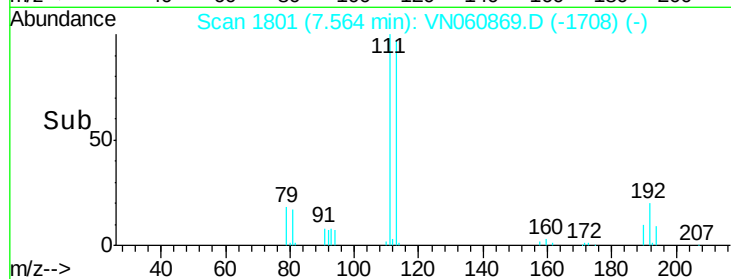
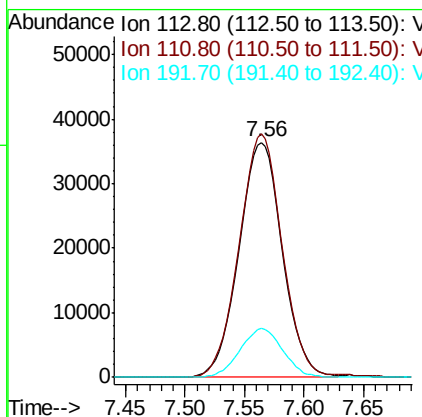
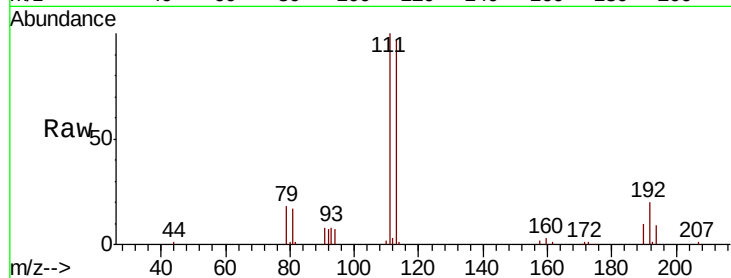




#35
 Dibromofluoromethane
 Concen: 49.268 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060869.D
 Acq: 7 Apr 2020 11:43

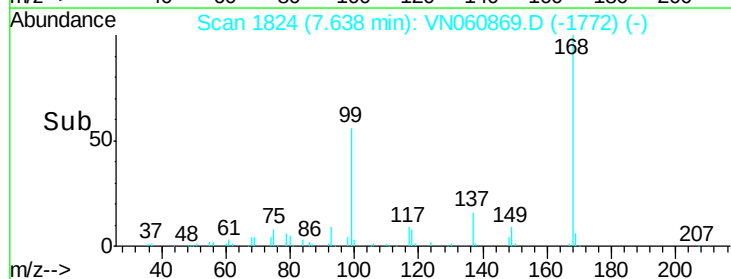
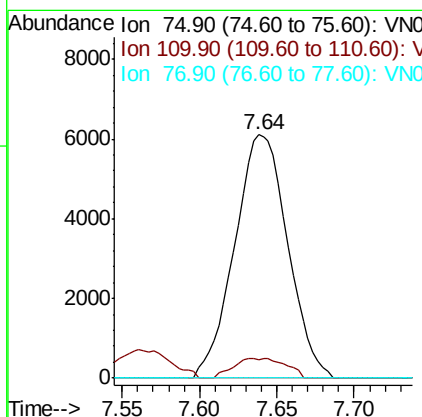
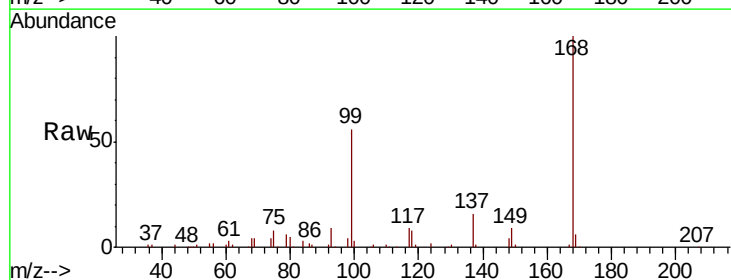
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407MBL01

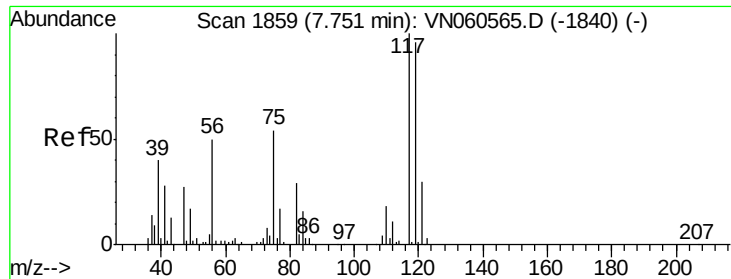
Tot Ion:113 Resp: 91974
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 20.4 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.869 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN060869.D
 Acq: 7 Apr 2020 11:43

Tgt Ion: 75 Resp: 14555
 Ion Ratio Lower Upper
 75 100
 110 7.9 16.9 50.6#
 77 0.0 24.6 36.8#

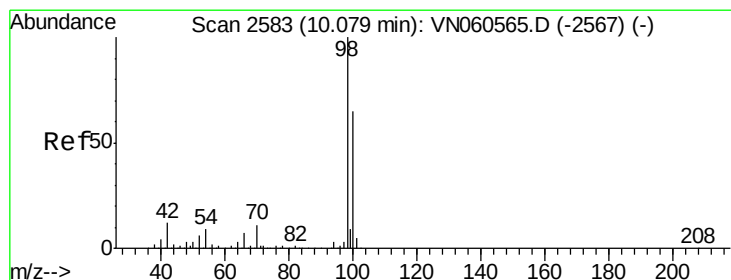
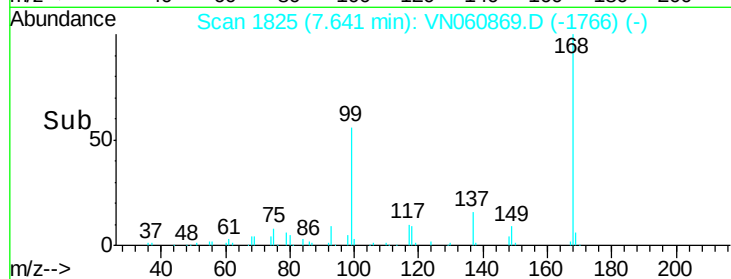
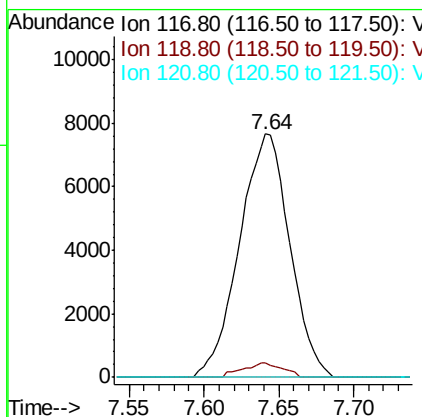
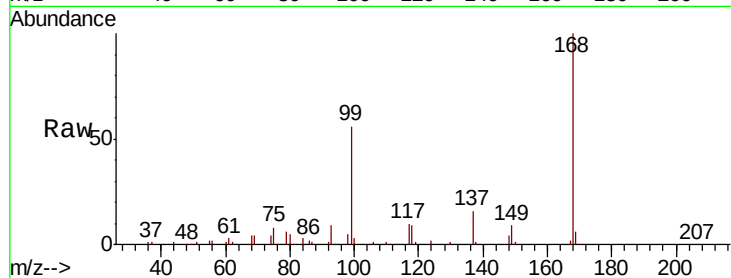




#38
Carbon Tetrachloride
Concen: 6.678 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN060869.D
Acq: 7 Apr 2020 11:43

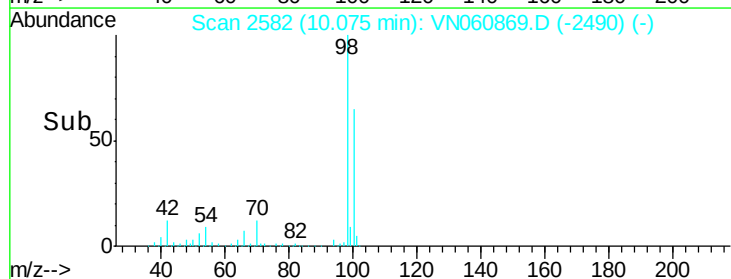
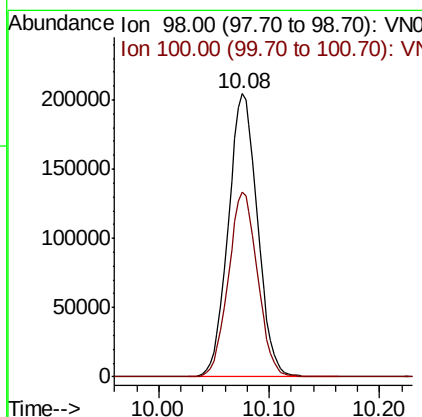
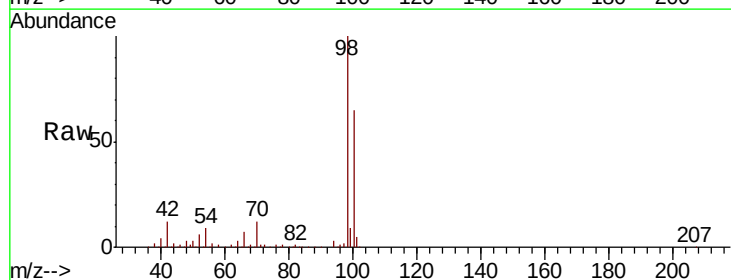
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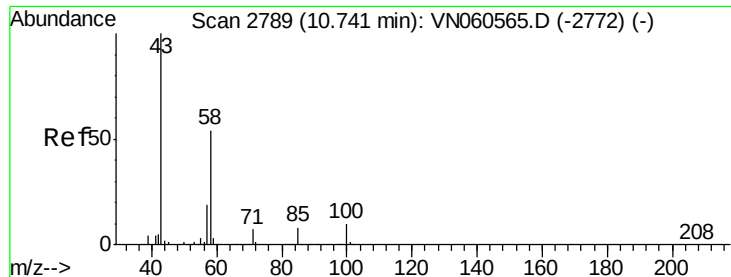
Tot Ion:117 Resp: 17893
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 49.238 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060869.D
Acq: 7 Apr 2020 11:43

Tgt Ion: 98 Resp: 375452
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8





#59

2-Hexanone

Concen: 0.320 ug/l

RT: 10.74 min Scan# 2789

Delta R.T. -0.00 min

Lab File: VN060869.D

Acq: 7 Apr 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

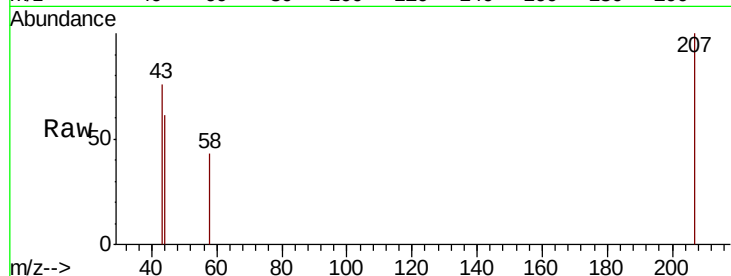
VN0407MBL01

Tot Ion: 43 Resp: 698

Ion Ratio Lower Upper

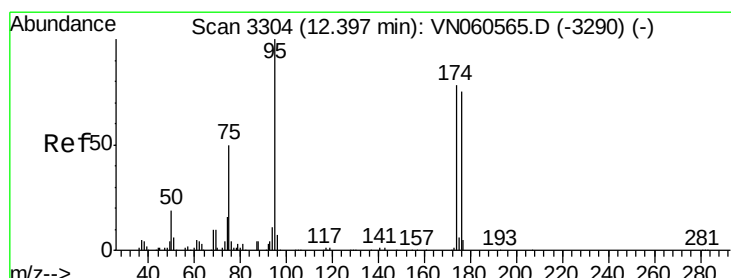
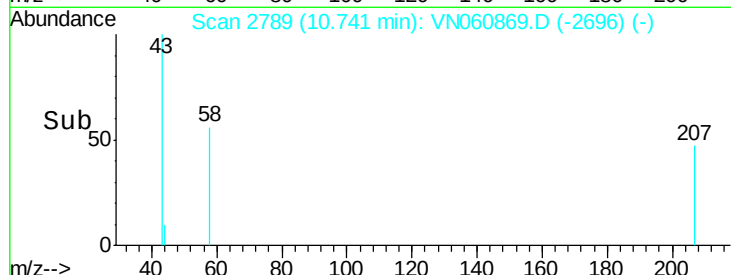
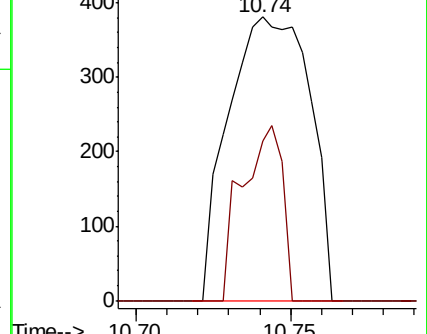
43 100

58 30.8 26.7 80.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 46.127 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060869.D

Acq: 7 Apr 2020 11:43

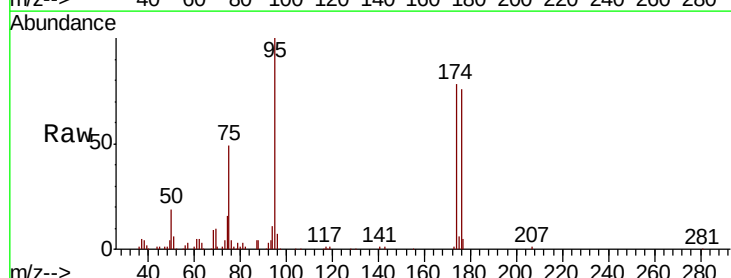
Tgt Ion: 95 Resp: 128903

Ion Ratio Lower Upper

95 100

174 77.6 0.0 157.6

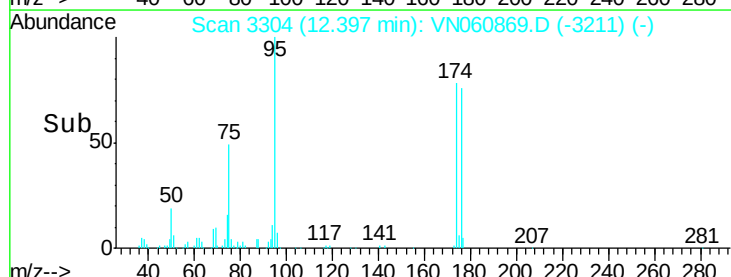
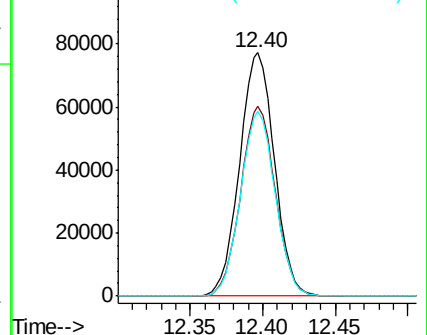
176 75.9 0.0 150.6

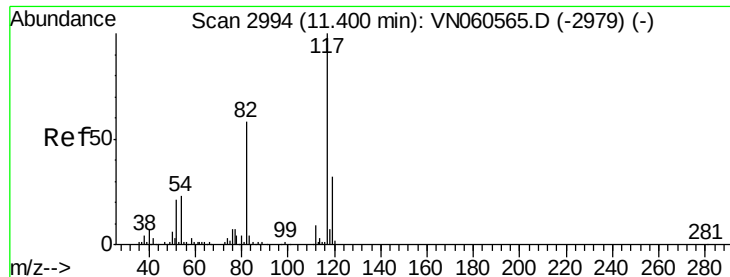


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

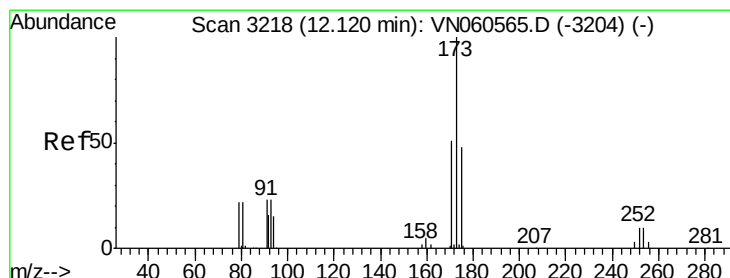
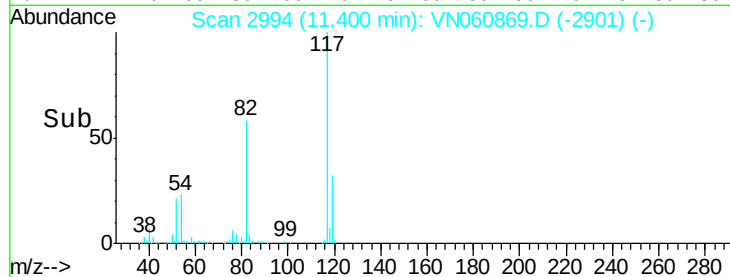
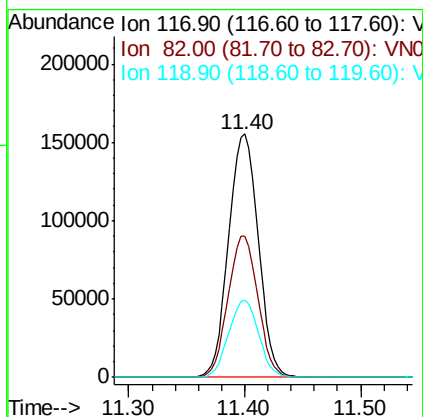
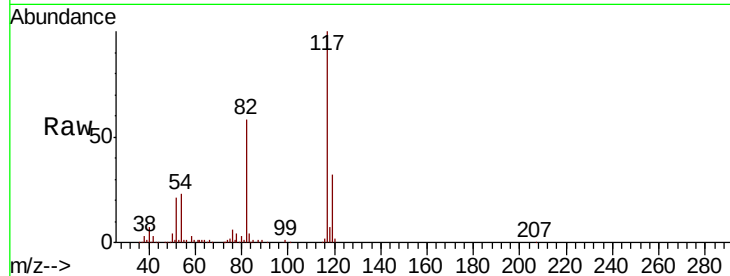




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060869.D
Acq: 7 Apr 2020 11:43

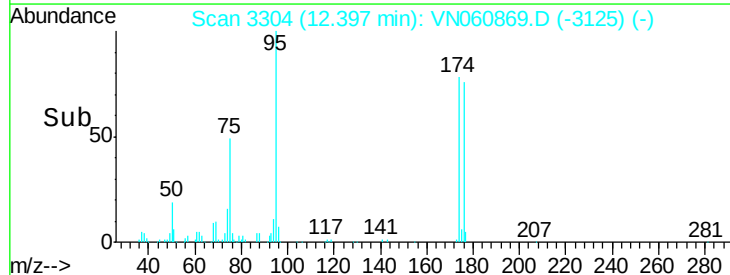
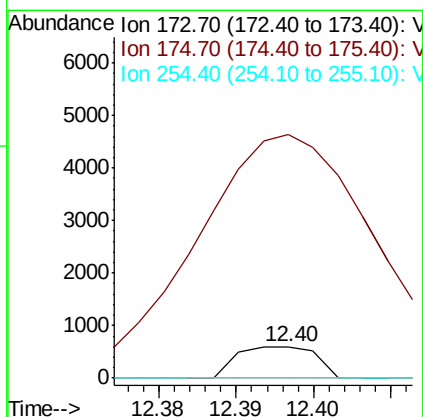
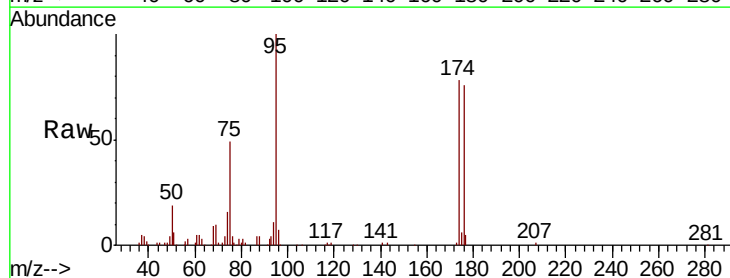
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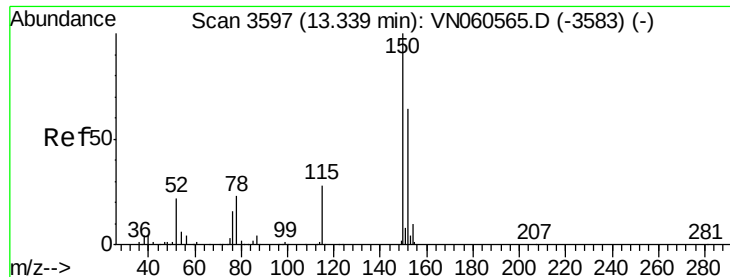
Tot Ion:117 Resp: 275605
Ion Ratio Lower Upper
117 100
82 58.1 46.7 70.1
119 31.8 25.5 38.3



#71
Bromoform
Concen: 1.932 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.28 min
Lab File: VN060869.D
Acq: 7 Apr 2020 11:43

Tgt Ion:173 Resp: 428
Ion Ratio Lower Upper
173 100
175 1510.3 24.1 72.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060869.D

Acq: 7 Apr 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0407MBL01

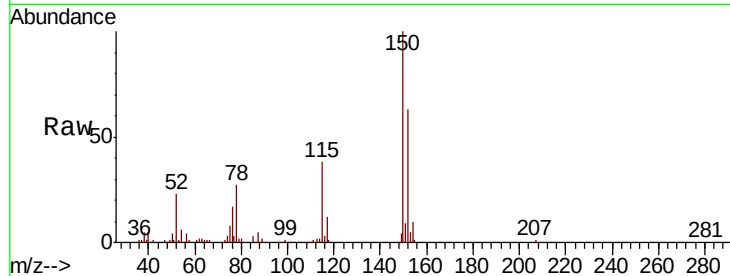
Tot Ion:152 Resp: 106896

Ion Ratio Lower Upper

152 100

115 60.1 30.2 90.6

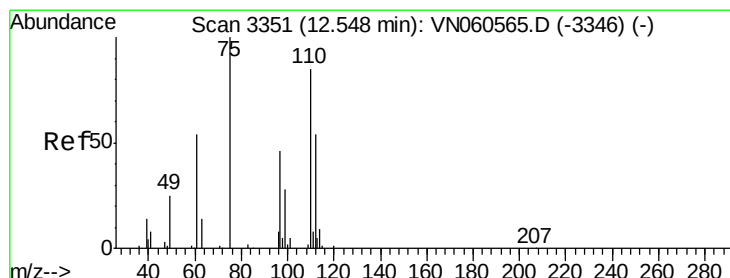
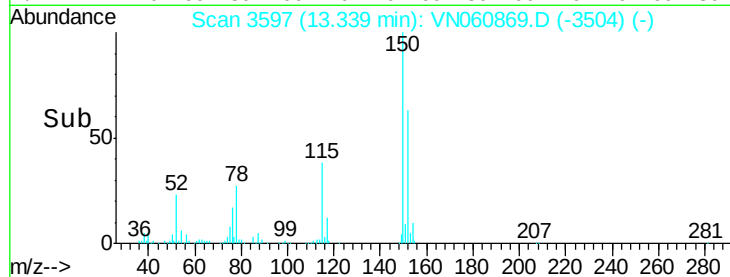
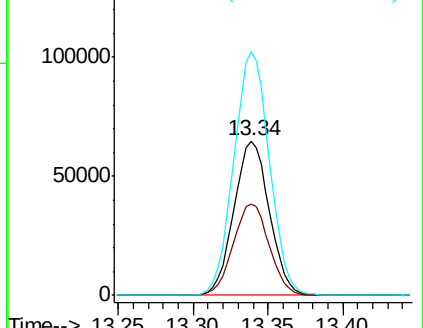
150 159.2 0.0 350.2



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: 27.712 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060869.D

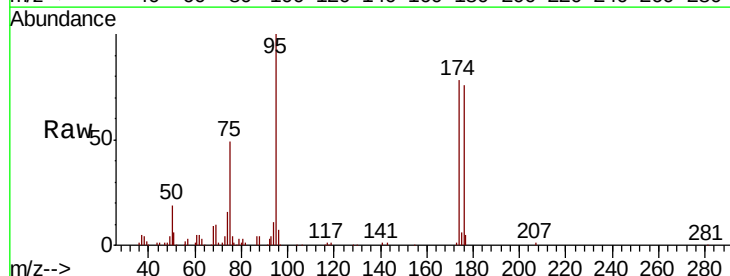
Acq: 7 Apr 2020 11:43

Tgt Ion: 75 Resp: 63920

Ion Ratio Lower Upper

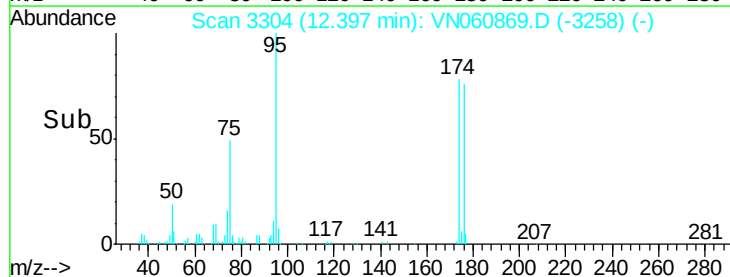
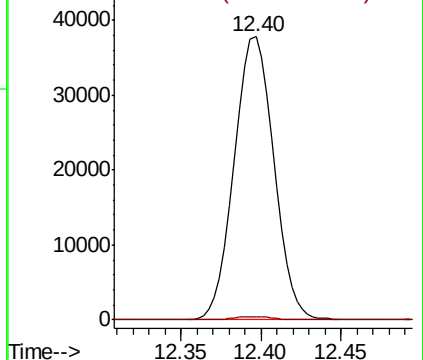
75 100

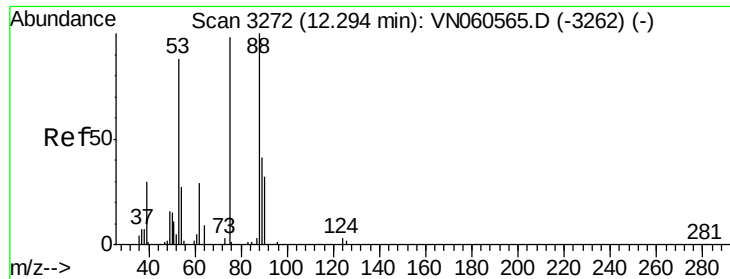
77 1.0 0.0 0.0#



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: 71.172 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060869.D

Acq: 7 Apr 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0407MBL01

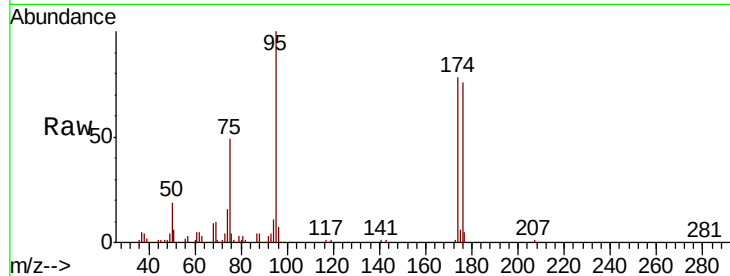
Tot Ion: 75 Resp: 63920

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

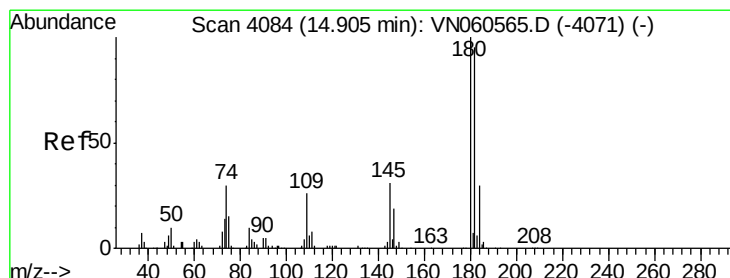
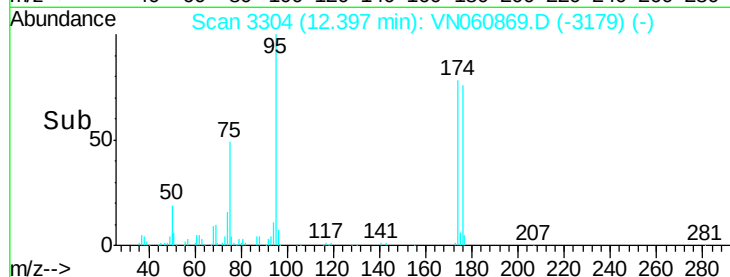
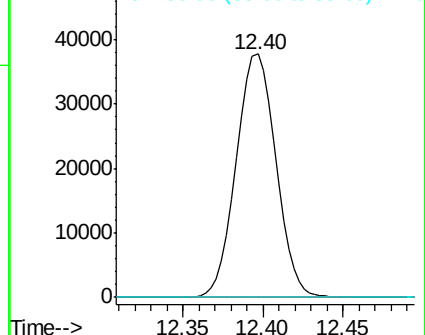
89 0.0 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VN060869.D (-3304) (-)

Ion 53.00 (52.70 to 53.70): VN060869.D (-3304) (-)

Ion 88.90 (88.60 to 89.60): VN060869.D (-3304) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.434 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN060869.D

Acq: 7 Apr 2020 11:43

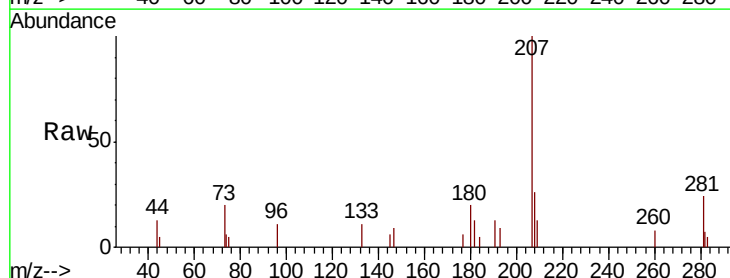
Tgt Ion: 180 Resp: 868

Ion Ratio Lower Upper

180 100

182 73.6 47.9 143.8

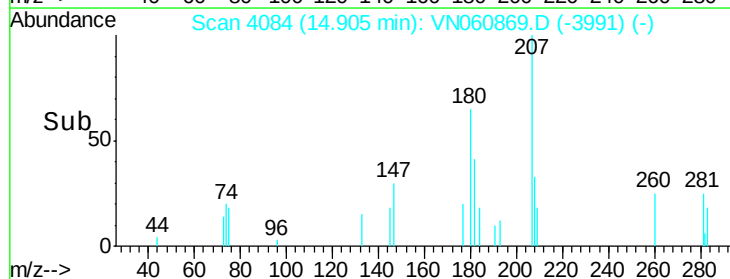
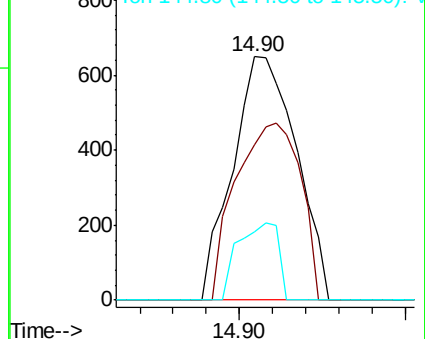
145 20.2 15.4 46.2

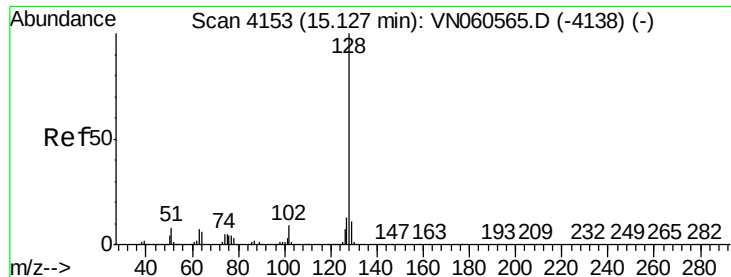


Abundance Ion 179.80 (179.50 to 180.50): VN060869.D (-4084) (-)

Ion 181.80 (181.50 to 182.50): VN060869.D (-4084) (-)

Ion 144.80 (144.50 to 145.50): VN060869.D (-4084) (-)

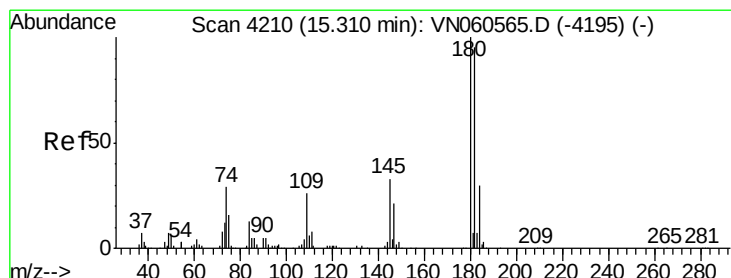
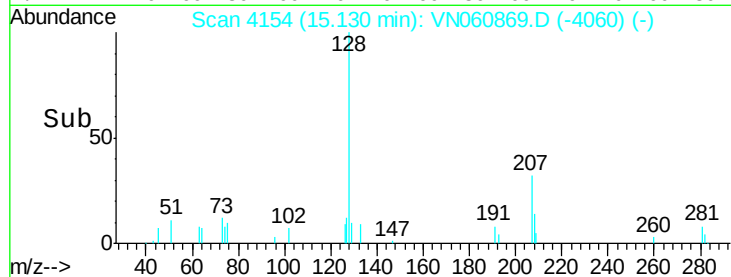
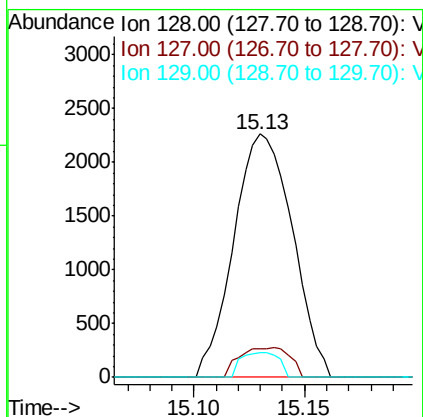
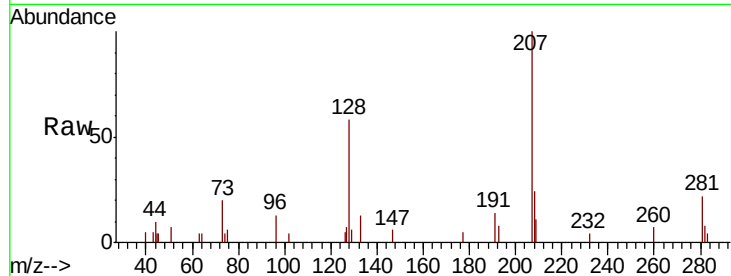




#95
Naphthalene
Concen: 0.693 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060869.D
Acq: 7 Apr 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0407MBL01

Tot Ion:128 Resp: 4173
Ion Ratio Lower Upper
128 100
127 10.5 10.2 15.2
129 6.6 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.632 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. -0.00 min
Lab File: VN060869.D
Acq: 7 Apr 2020 11:43

Tgt Ion:180 Resp: 1246
Ion Ratio Lower Upper
180 100
182 94.4 47.5 142.6
145 27.3 16.3 48.8

