

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032520\
 Data File : VN060703.D
 Acq On : 25 Mar 2020 18:14
 Operator : JC/MD
 Sample : L1997-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D3-20200316

Quant Time: Mar 26 02:51:37 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

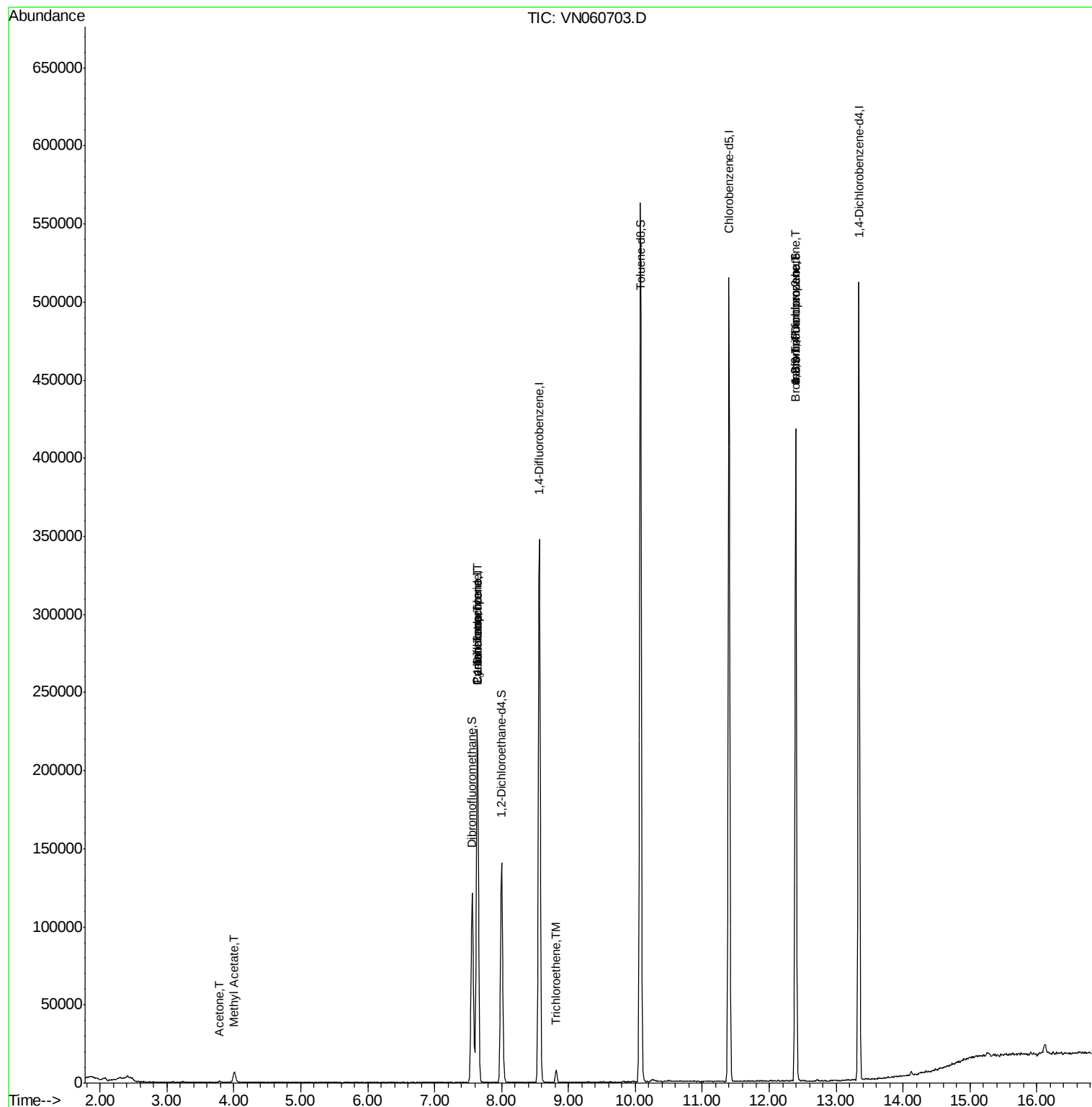
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	185389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	308816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	292444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	120853	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
35) Dibromofluoromethane	7.56	113	92989	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	10.08	98	382708	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.40	95	145661	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
Target Compounds						
					Qvalue	
16) Acetone	3.78	43	1812	2.010	ug/l #	80
18) Methyl Acetate	4.01	43	2135	0.841	ug/l #	54
31) Cyclohexane	7.64	56	3989	0.973	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14641	4.896	ug/l #	49
38) Carbon Tetrachloride	7.64	117	17798	6.641	ug/l #	16
44) Trichloroethene	8.81	130	3005	1.321	ug/l	97
71) Bromoform	12.38	173	138	1.757	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	73482	25.132	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	73482	64.547	ug/l #	13

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060703.D

Acq: 25 Mar 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

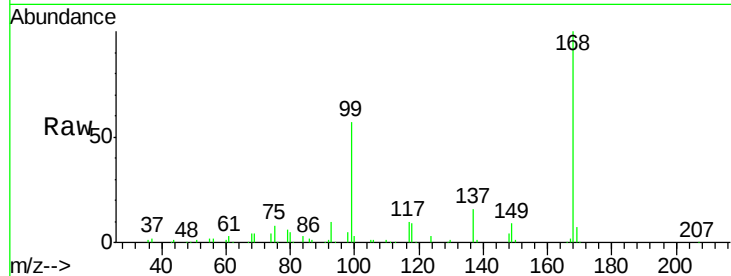
RE122D3-20200316

Tgt Ion:168 Resp: 185389

Ion Ratio Lower Upper

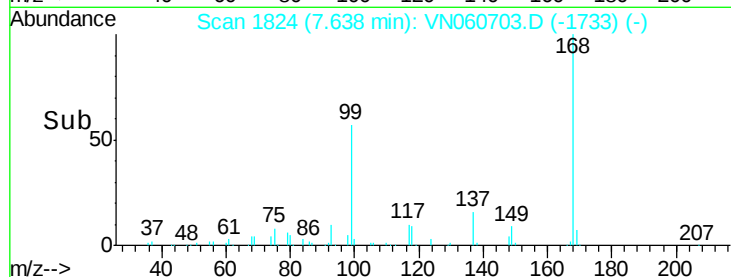
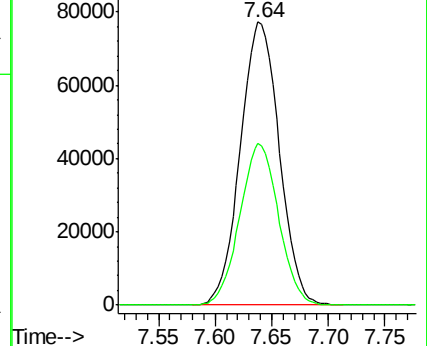
168 100

99 57.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 2.010 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060703.D

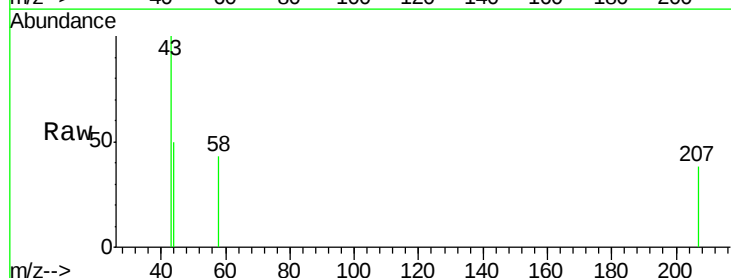
Acq: 25 Mar 2020 18:14

Tgt Ion: 43 Resp: 1812

Ion Ratio Lower Upper

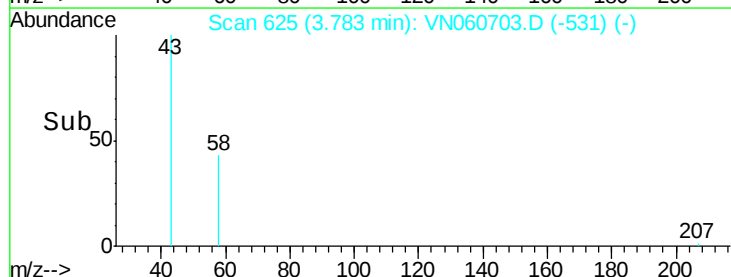
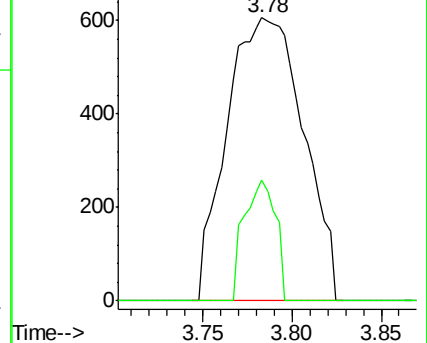
43 100

58 42.6 25.1 37.7#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

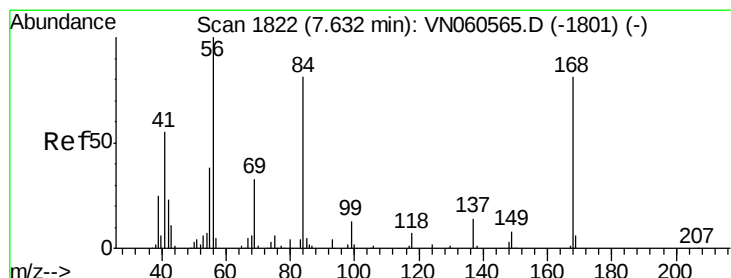
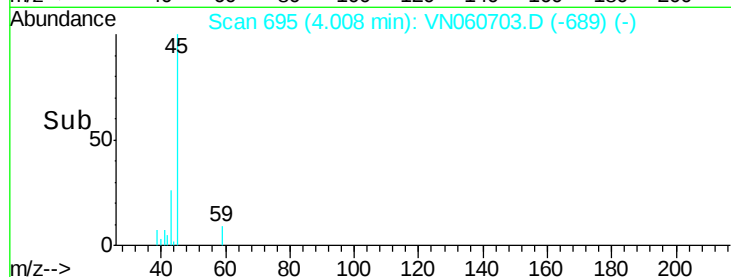
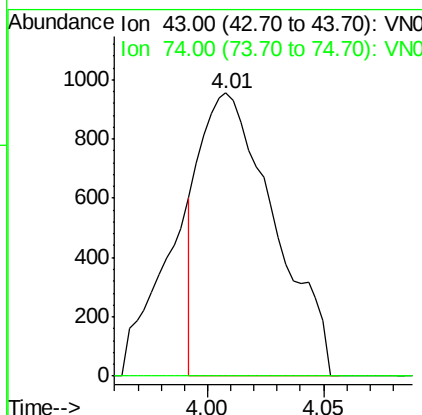
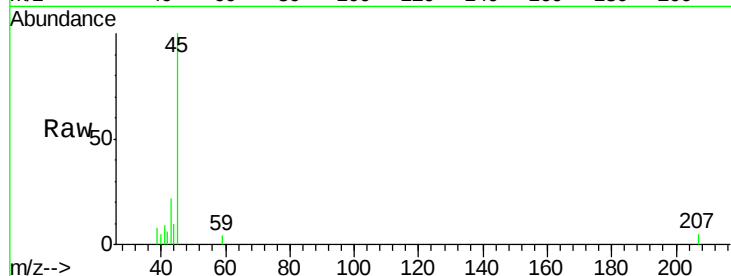




#18
Methyl Acetate
Concen: 0.841 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.28 min
Lab File: VN060703.D
Acq: 25 Mar 2020 18:14

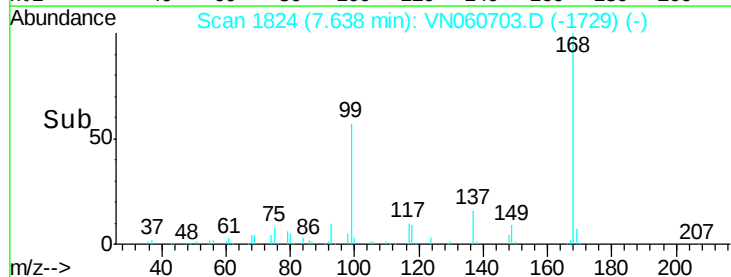
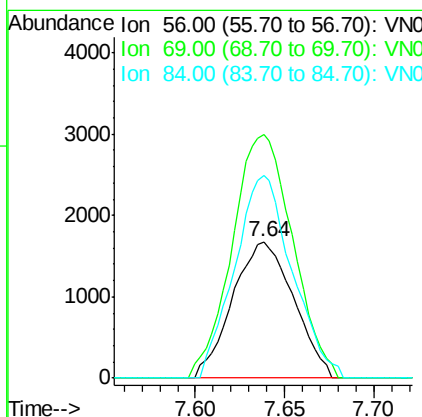
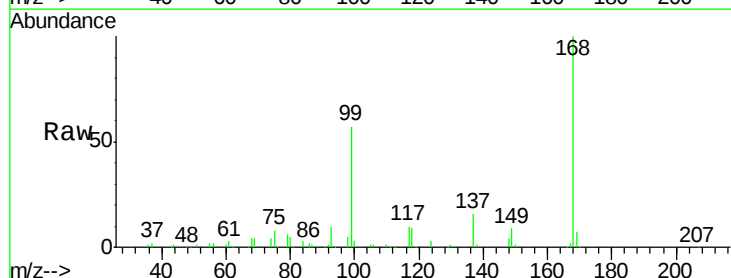
Instrument :
MSVOA_N
ClientSampleId :
RE122D3-20200316

Tgt Ion: 43 Resp: 2135
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#31
Cyclohexane
Concen: 0.973 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN060703.D
Acq: 25 Mar 2020 18:14

Tgt Ion: 56 Resp: 3989
Ion Ratio Lower Upper
56 100
69 178.8 26.6 40.0#
84 149.2 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 47.487 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VN060703.D

Acq: 25 Mar 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

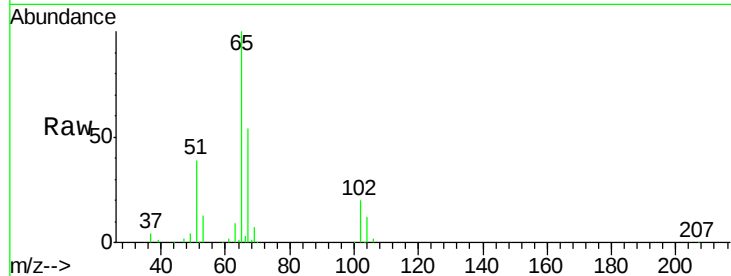
RE122D3-20200316

Tgt Ion: 65 Resp: 120853

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060703.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060703.D (-1845) (-)

8.00

60000

50000

40000

30000

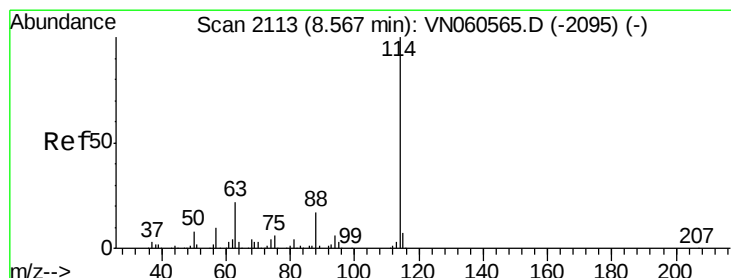
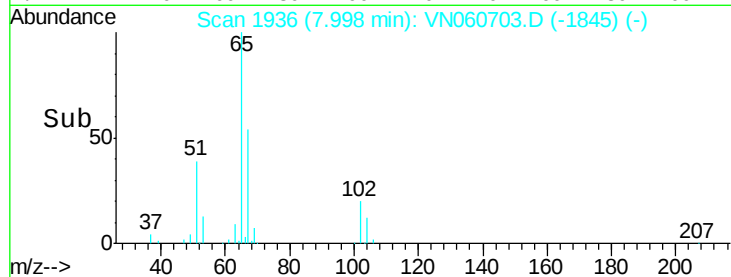
20000

10000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060703.D

Acq: 25 Mar 2020 18:14

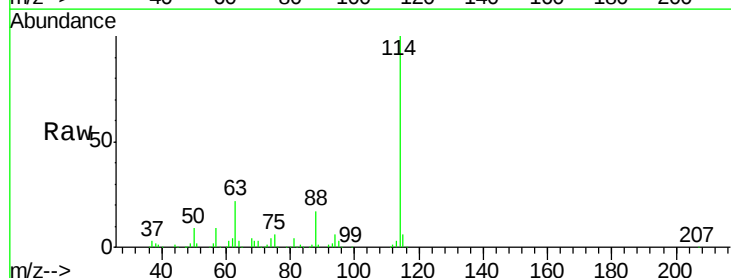
Tgt Ion: 114 Resp: 308816

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.8

88 16.6 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VN060703.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060703.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060703.D (-2020) (-)

8.56

200000

150000

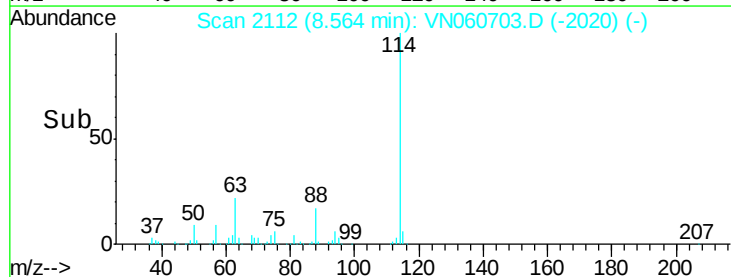
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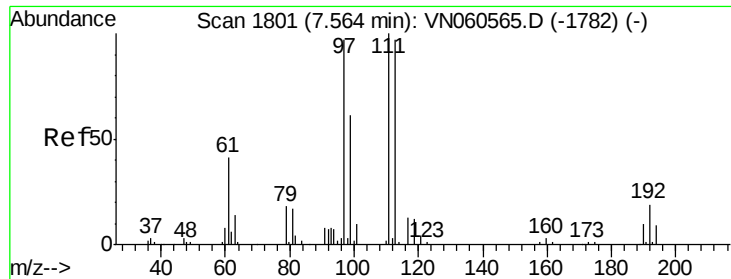
50000

0

8.50 8.60 8.70

Time-->

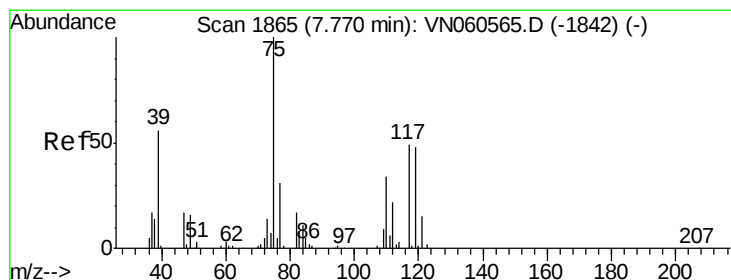
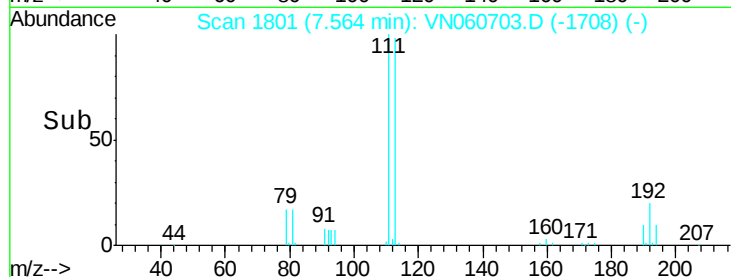
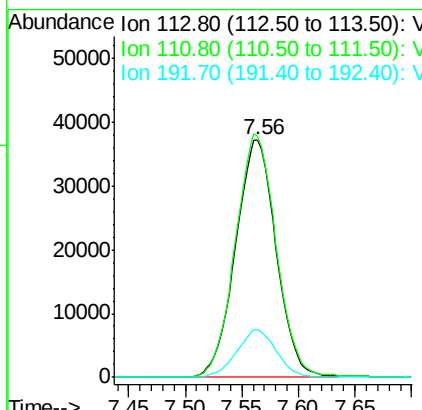
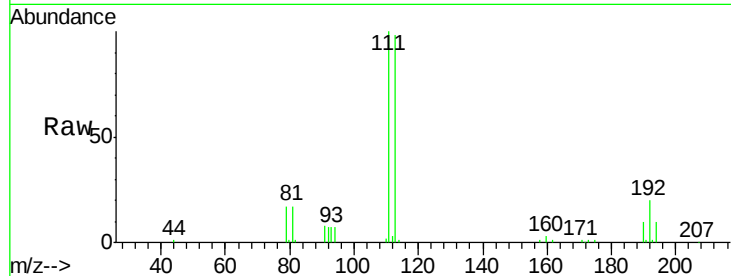




#35
 Dibromofluoromethane
 Concen: 49.798 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060703.D
 Acq: 25 Mar 2020 18:14

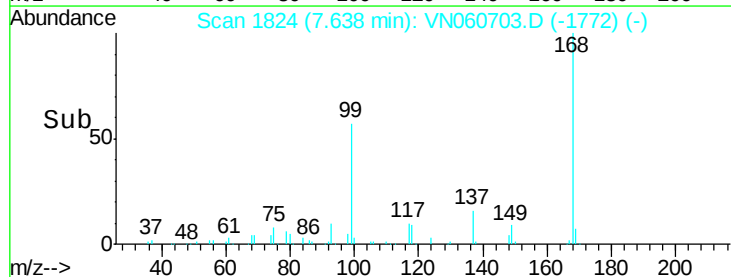
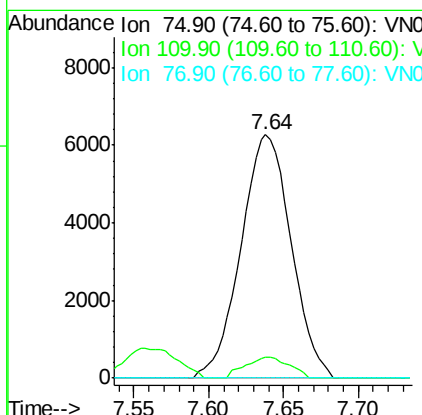
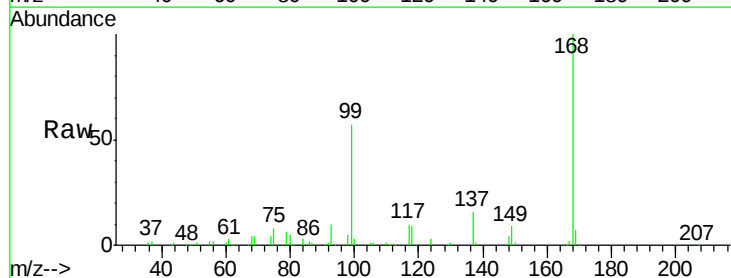
Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D3-20200316

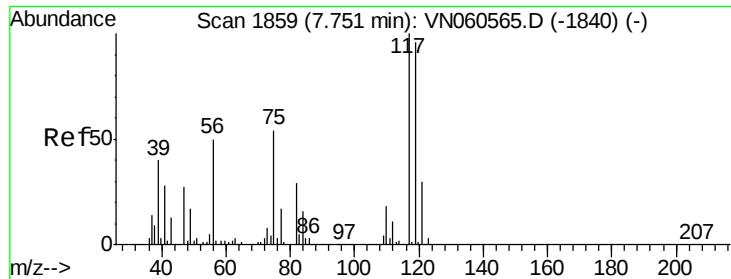
Tgt Ion:113 Resp: 92989
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.9 124.3
 192 19.6 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.896 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN060703.D
 Acq: 25 Mar 2020 18:14

Tgt Ion: 75 Resp: 14641
 Ion Ratio Lower Upper
 75 100
 110 7.6 16.9 50.6#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.641 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060703.D

Acq: 25 Mar 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

RE122D3-20200316

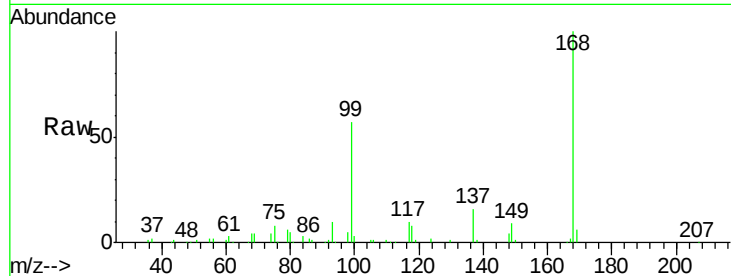
Tgt Ion:117 Resp: 17798

Ion Ratio Lower Upper

117 100

119 5.2 76.2 114.2#

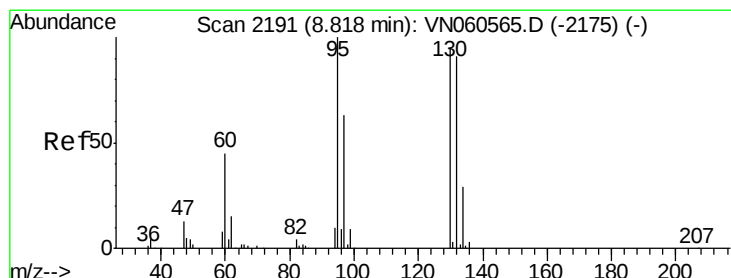
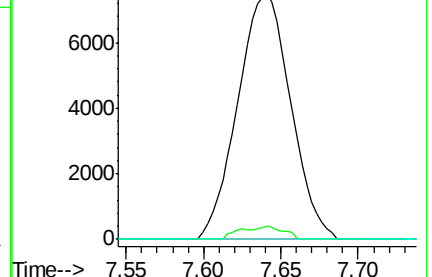
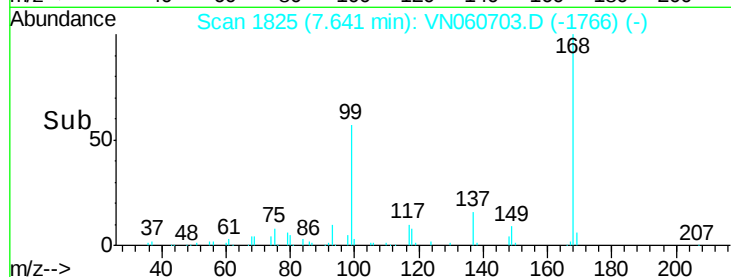
121 0.0 23.7 35.5#



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



#44

Trichloroethene

Concen: 1.321 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060703.D

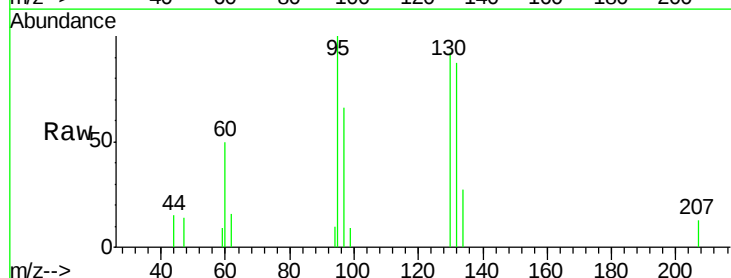
Acq: 25 Mar 2020 18:14

Tgt Ion:130 Resp: 3005

Ion Ratio Lower Upper

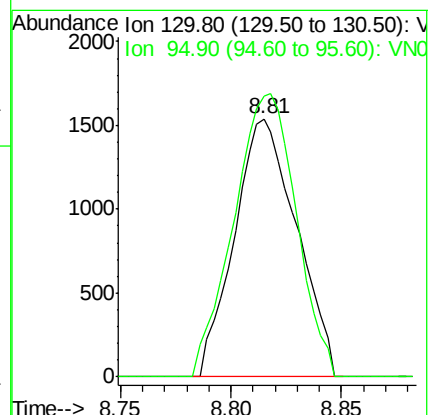
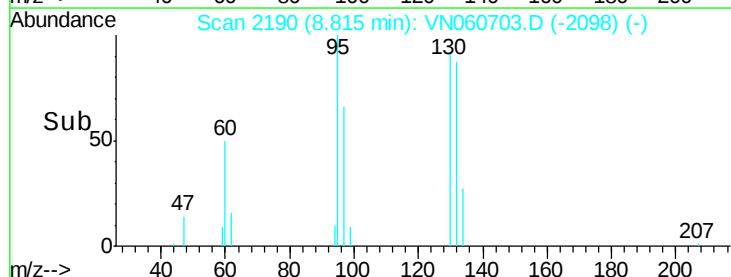
130 100

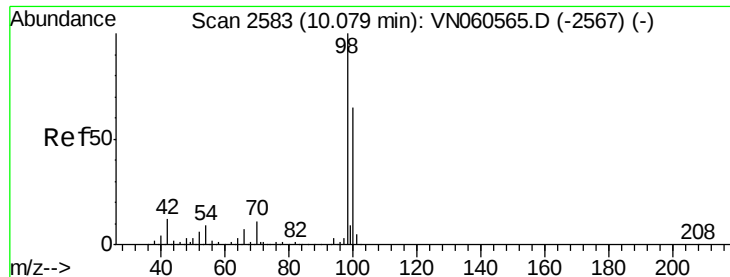
95 108.6 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.176 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060703.D

Acq: 25 Mar 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

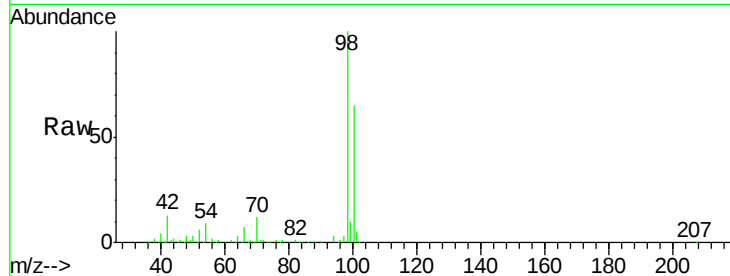
RE122D3-20200316

Tgt Ion: 98 Resp: 382708

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060703.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060703.D (-2490) (-)

10.08

250000

200000

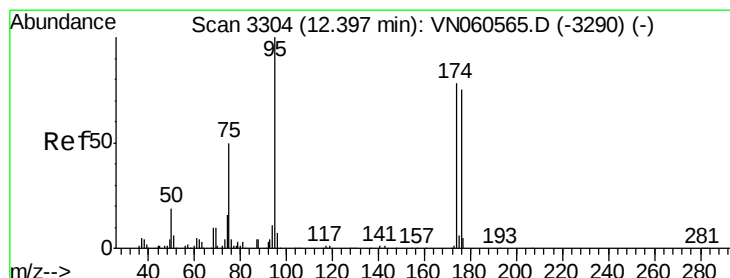
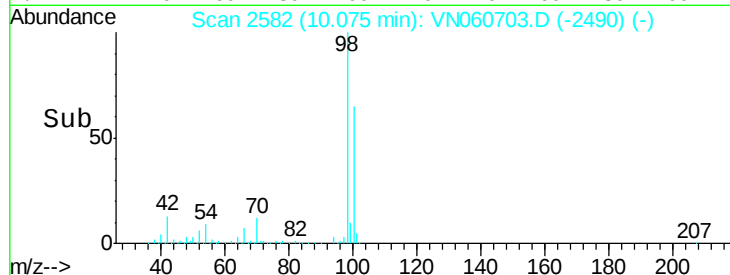
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.110 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060703.D

Acq: 25 Mar 2020 18:14

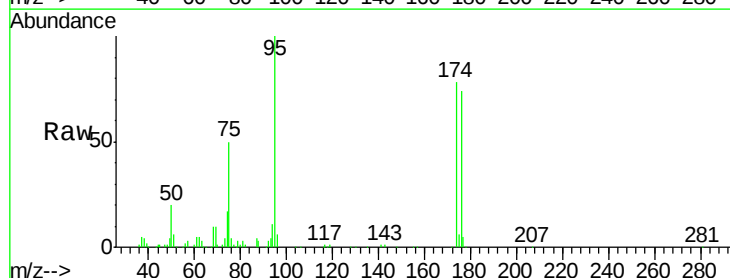
Tgt Ion: 95 Resp: 145661

Ion Ratio Lower Upper

95 100

174 78.1 0.0 157.6

176 75.3 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060703.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060703.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060703.D (-3211) (-)

120000

100000

80000

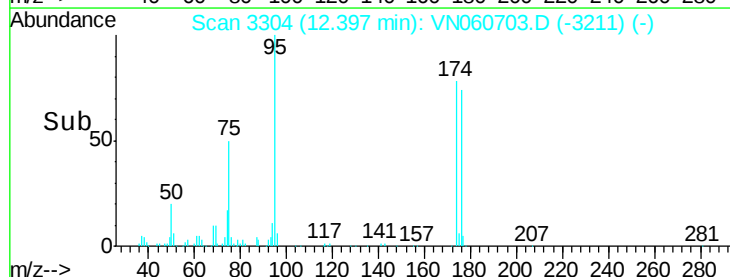
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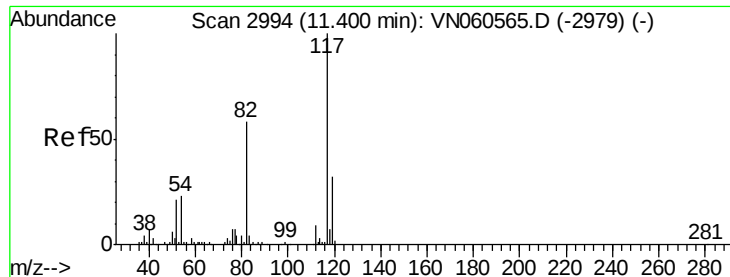
40000

20000

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Time-->

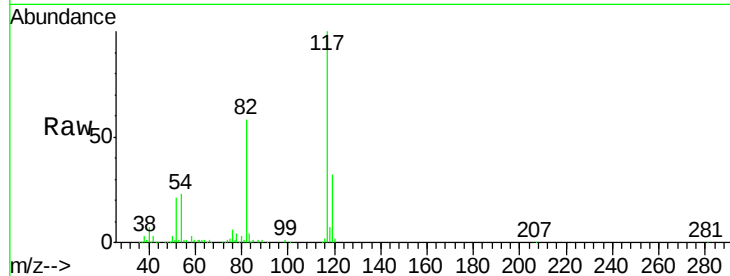




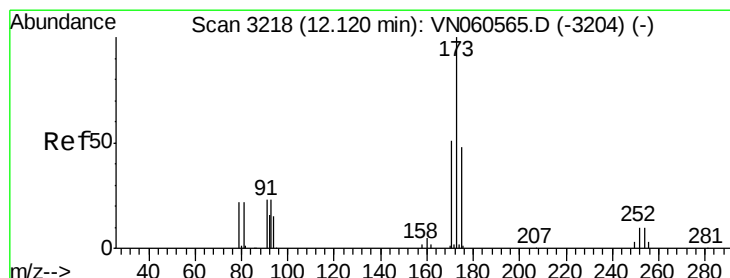
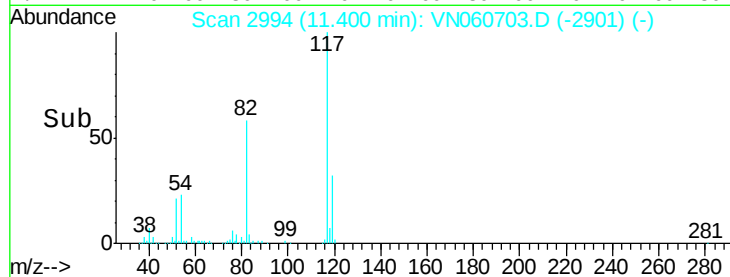
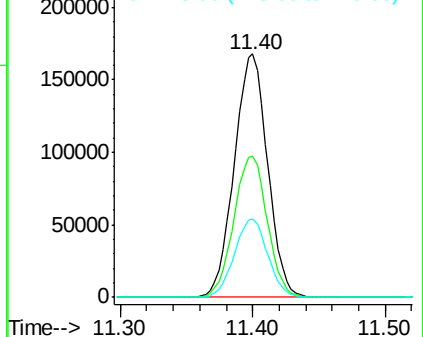
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060703.D
Acq: 25 Mar 2020 18:14

Instrument :
MSVOA_N
ClientSampleId :
RE122D3-20200316

Tgt Ion:117 Resp: 292444
Ion Ratio Lower Upper
117 100
82 58.0 46.7 70.1
119 32.3 25.5 38.3

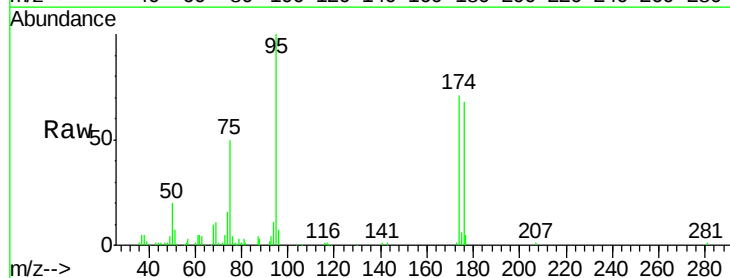


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

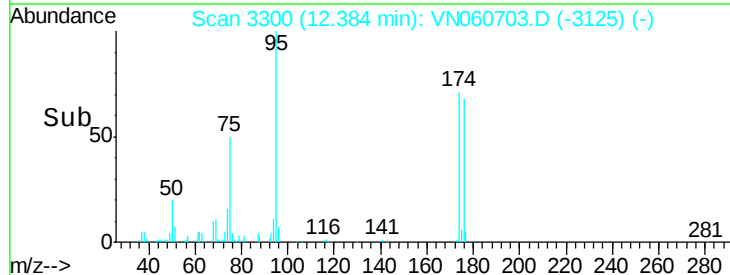
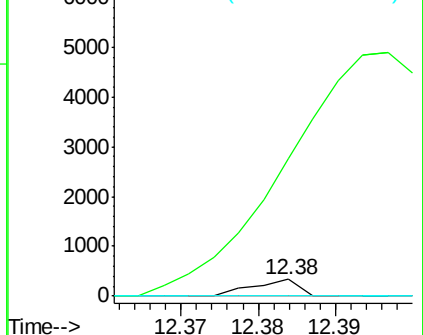


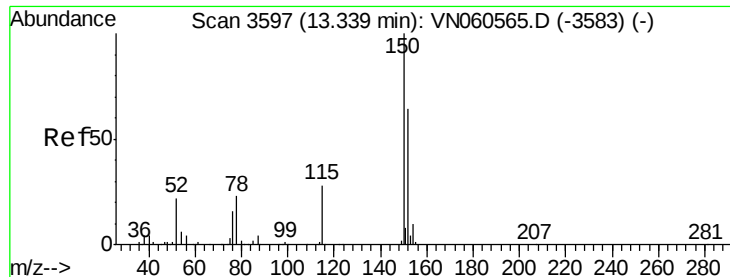
#71
Bromoform
Concen: 1.757 ug/l
RT: 12.38 min Scan# 3300
Delta R.T. 0.26 min
Lab File: VN060703.D
Acq: 25 Mar 2020 18:14

Tgt Ion:173 Resp: 138
Ion Ratio Lower Upper
173 100
175 5108.7 24.1 72.4#
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: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060703.D

Acq: 25 Mar 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

RE122D3-20200316

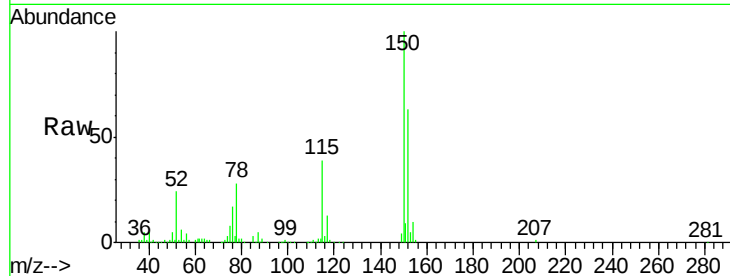
Tgt Ion: 152 Resp: 135500

Ion Ratio Lower Upper

152 100

115 59.6 30.2 90.6

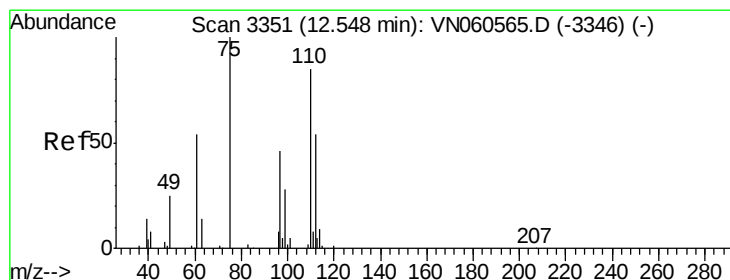
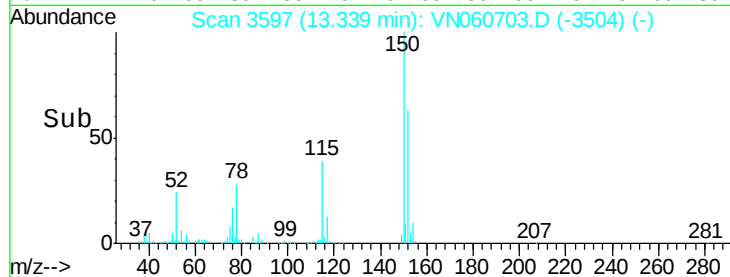
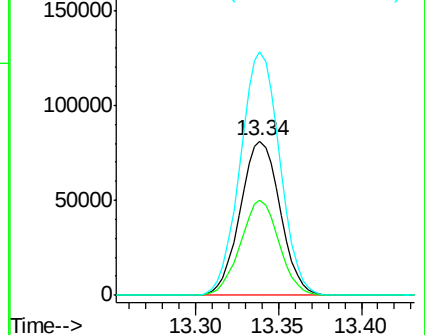
150 156.6 0.0 350.2



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: 25.132 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060703.D

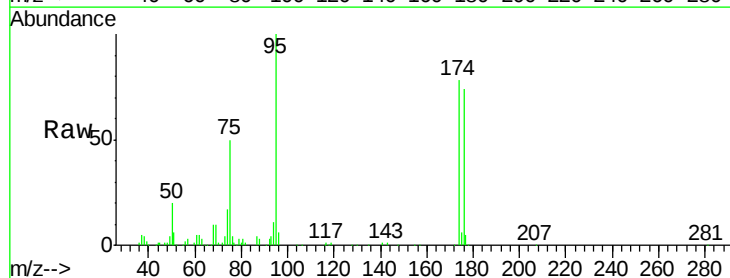
Acq: 25 Mar 2020 18:14

Tgt Ion: 75 Resp: 73482

Ion Ratio Lower Upper

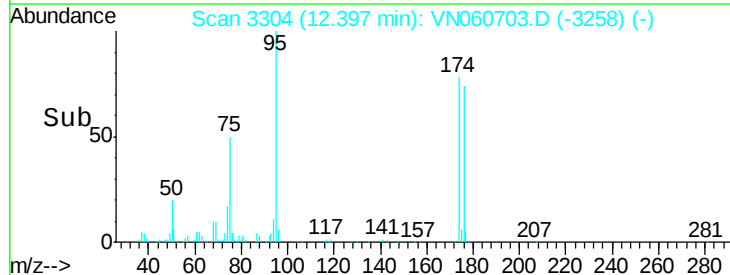
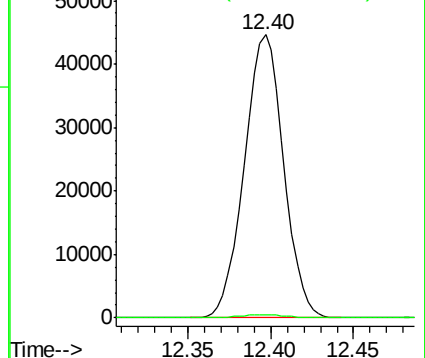
75 100

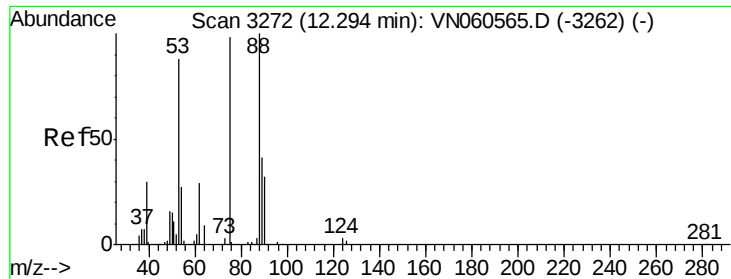
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 64.547 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060703.D

Acq: 25 Mar 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

RE122D3-20200316

Tgt Ion: 75 Resp: 73482

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#

