

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020419\
 Data File : VN053593.D
 Acq On : 4 Feb 2019 13:43
 Operator : JC/SP
 Sample : K1299-03
 Misc : 5.00µ/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 0037-COMP-3

Quant Time: Feb 05 01:26:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

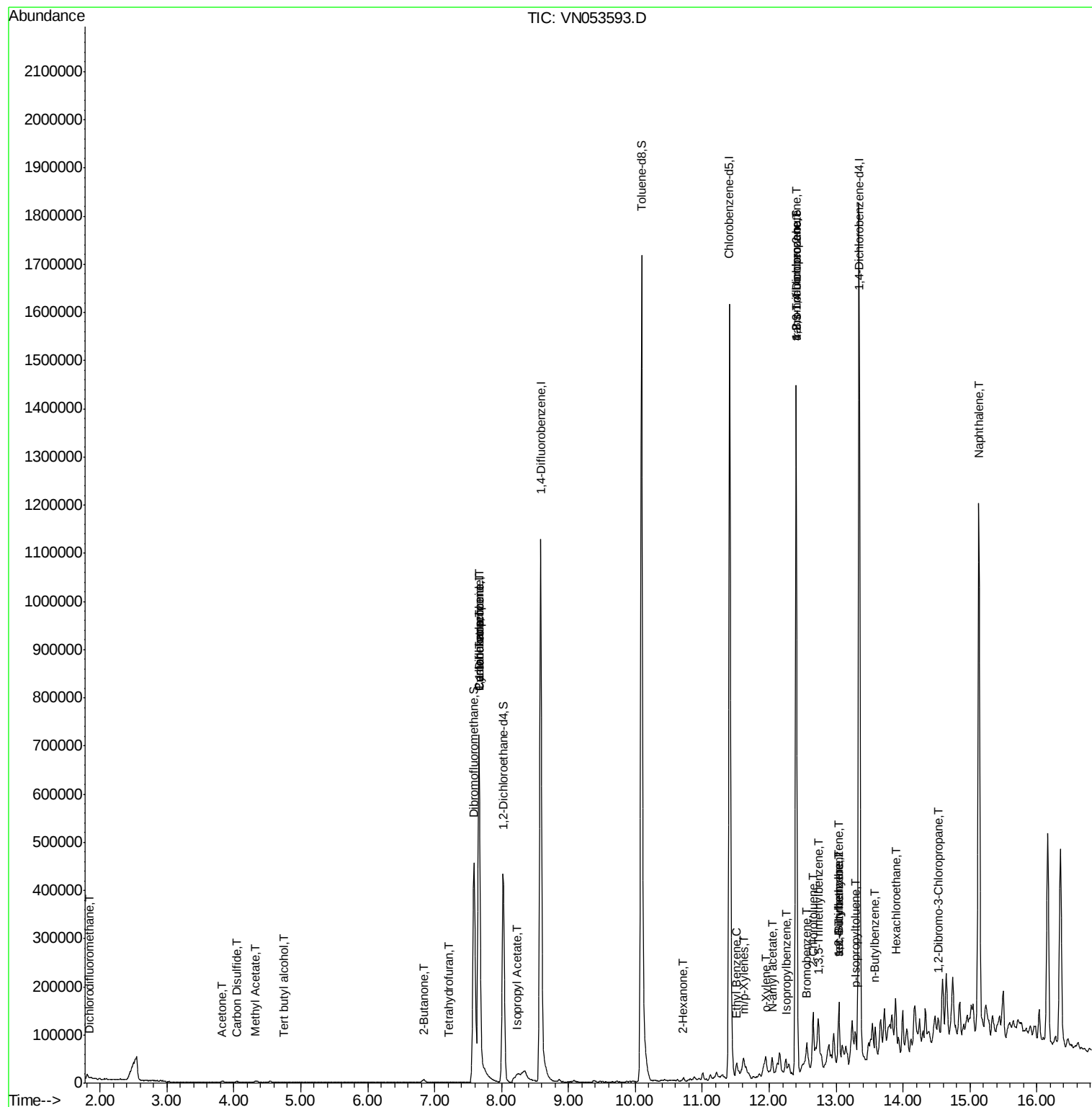
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	737197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1150971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1080608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	520834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	366912	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	7.59	113	353743	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.09	98	1420791	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.40	95	498832	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.84	85	102	0.350	ug/l #	42
11) Tert butyl alcohol	4.74	59	888	2.029	ug/l #	72
16) Acetone	3.82	43	4859	2.561	ug/l	89
17) Carbon Disulfide	4.04	76	4446	0.209	ug/l	100
18) Methyl Acetate	4.33	43	7034	1.252	ug/l	97
25) 2-Butanone	6.85	43	1640	0.606	ug/l #	47
29) Tetrahydrofuran	7.21	42	1517	0.873	ug/l #	59
31) Cyclohexane	7.66	56	10725	0.690	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	43793	4.221	ug/l #	49
38) Carbon Tetrachloride	7.66	117	57940	5.543	ug/l #	16
43) Isopropyl Acetate	8.23	43	16279	1.455	ug/l #	51
59) 2-Hexanone	10.72	43	3011	0.807	ug/l #	22
67) Ethyl Benzene	11.51	91	22965	0.609	ug/l	100
68) m/p-Xylenes	11.62	106	11197	0.778	ug/l	91
69) o-Xylene	11.95	106	9802	0.705	ug/l	97
73) Isopropylbenzene	12.25	105	17103	0.467	ug/l	94
74) N-amyl acetate	12.04	43	7297	0.829	ug/l #	64
76) 1,2,3-Trichloropropane	12.40	75	231393	34.589	ug/l #	100
77) Bromobenzene	12.56	156	35534	3.601	ug/l #	1
79) 2-Chlorotoluene	12.66	91	8398	0.334	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	32348	1.065	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	231393	97.261	ug/l #	15
83) tert-Butylbenzene	13.04	119	9018	0.336	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.04	105	68660	2.220	ug/l	97
85) sec-Butylbenzene	13.04	105	68660	1.880	ug/l #	56
86) p-Isopropyltoluene	13.29	119	21700	0.679	ug/l	96
89) n-Butylbenzene	13.58	91	8970	0.324	ug/l #	1
90) Hexachloroethane	13.89	117	4567	0.867	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.52	75	694	0.556	ug/l	65
95) Naphthalene	15.13	128	972783	42.778	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

Instrument :

MSVOA_N

ClientSampleId :

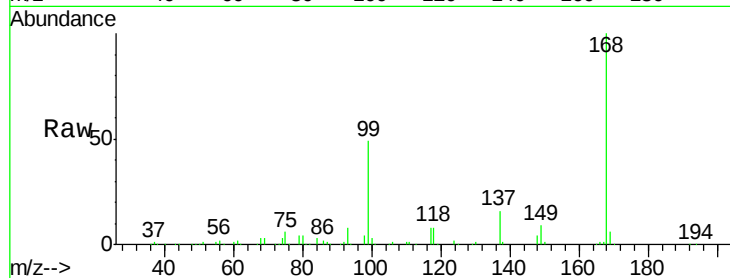
0037-COMP-3

Tot Ion:168 Resp: 737197

Ion Ratio Lower Upper

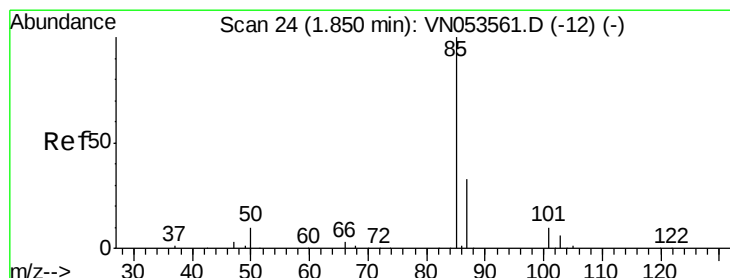
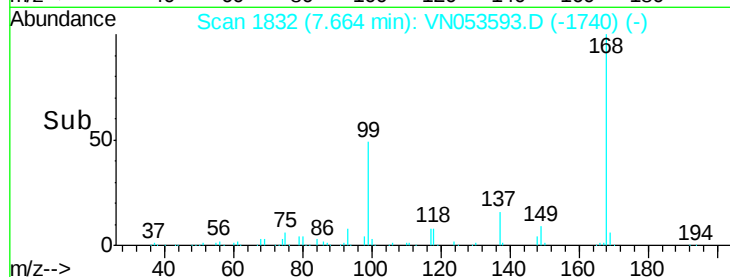
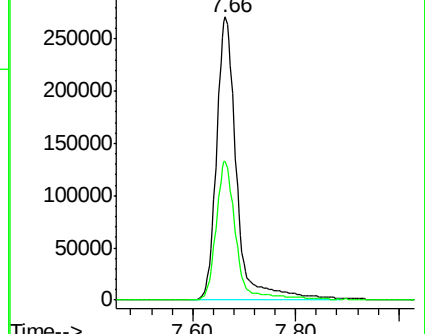
168 100

99 49.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.350 ug/l

RT: 1.84 min Scan# 22

Delta R.T. -0.01 min

Lab File: VN053593.D

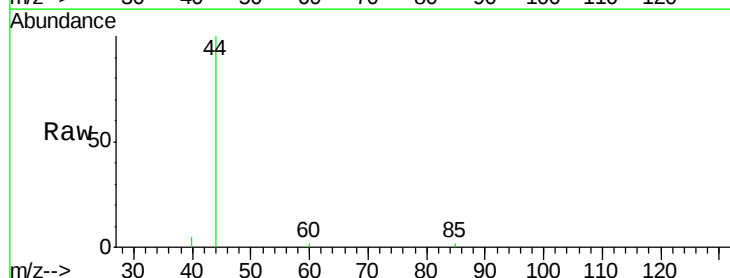
Acq: 4 Feb 2019 13:43

Tgt Ion: 85 Resp: 102

Ion Ratio Lower Upper

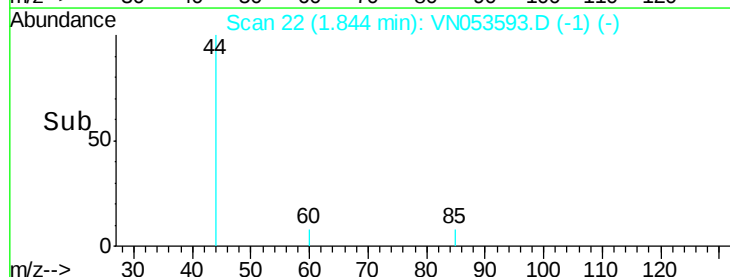
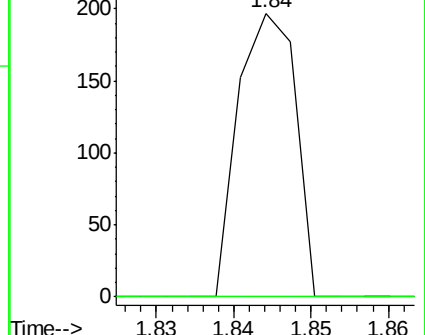
85 100

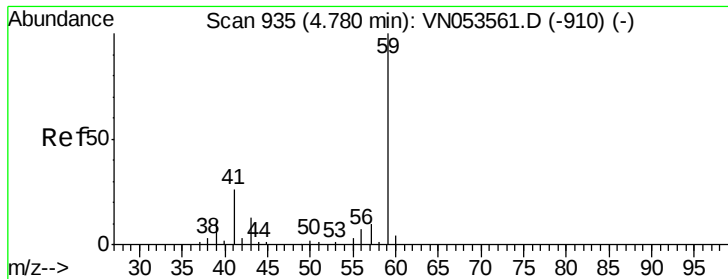
87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO



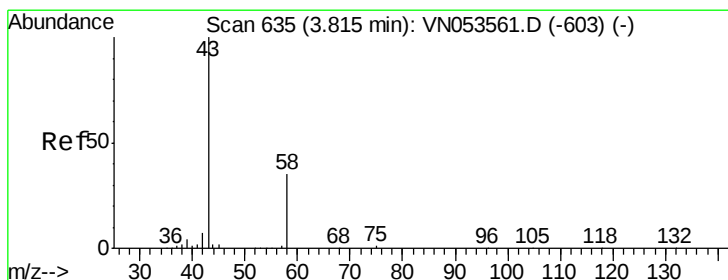
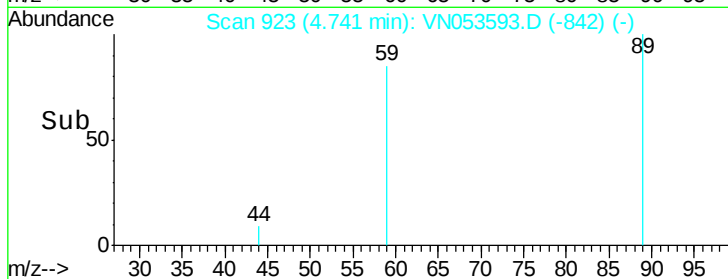
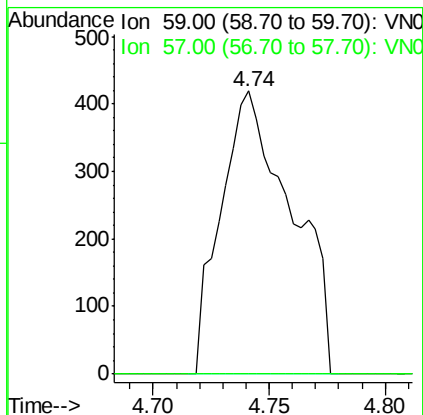
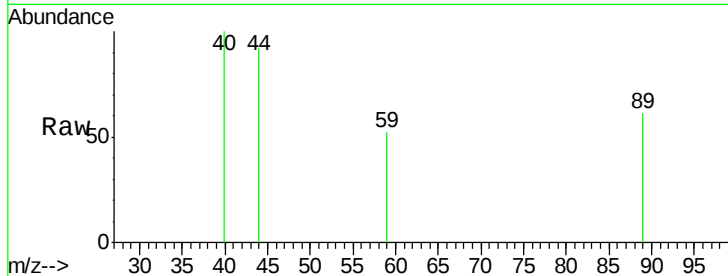


#11

Tert butyl alcohol
 Concen: 2.029 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.04 min
 Lab File: VN053593.D
 Acq: 4 Feb 2019 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 0037-COMP-3

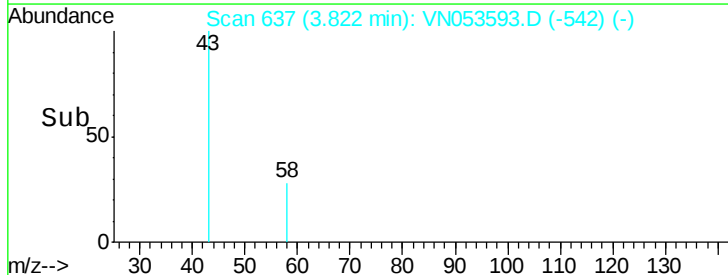
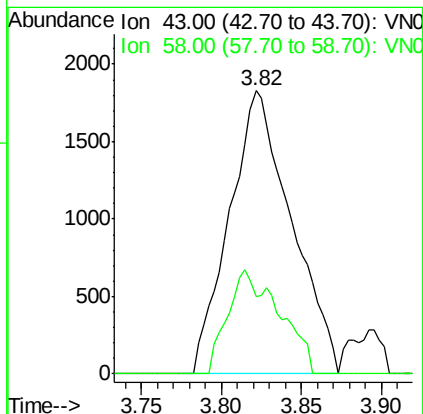
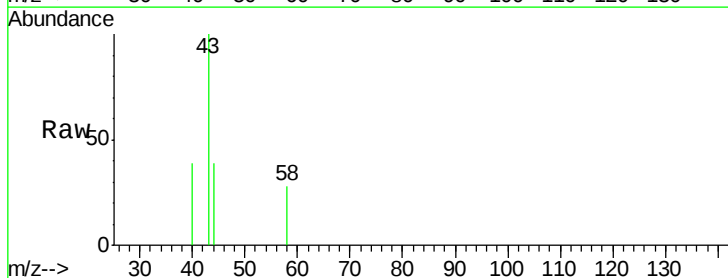
Tot Ion: 59 Resp: 888
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

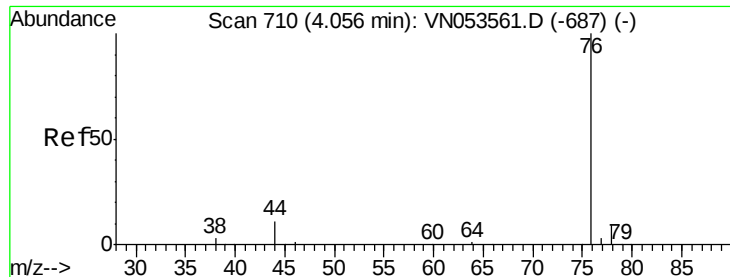


#16

Acetone
 Concen: 2.561 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: VN053593.D
 Acq: 4 Feb 2019 13:43

Tgt Ion: 43 Resp: 4859
 Ion Ratio Lower Upper
 43 100
 58 27.5 27.1 40.7





#17

Carbon Disulfide

Concen: 0.209 ug/l

RT: 4.04 min Scan# 705

Delta R.T. -0.02 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

Instrument :

MSVOA_N

ClientSampleId :

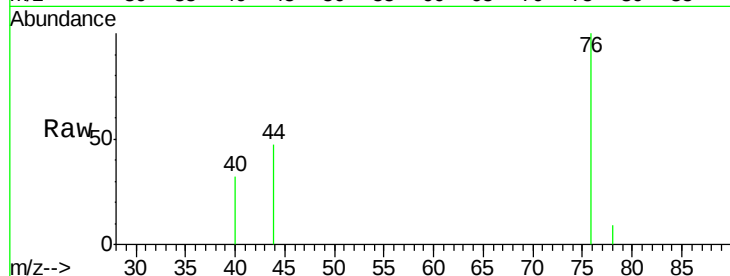
0037-COMP-3

Tot Ion: 76 Resp: 4446

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.04

2000

1500

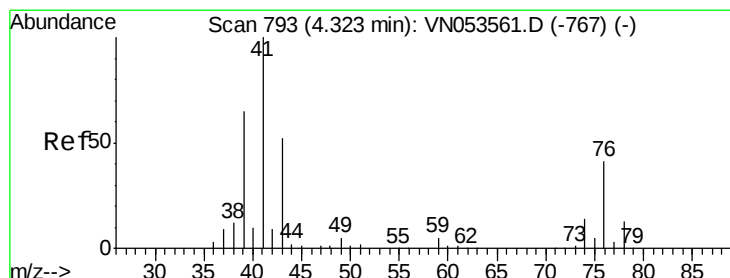
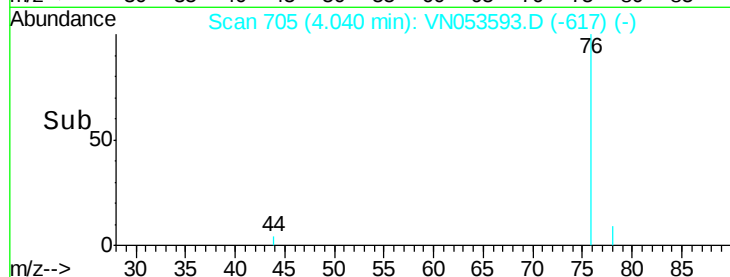
1000

500

0

4.00 4.05 4.10

Time-->



#18

Methyl Acetate

Concen: 1.252 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053593.D

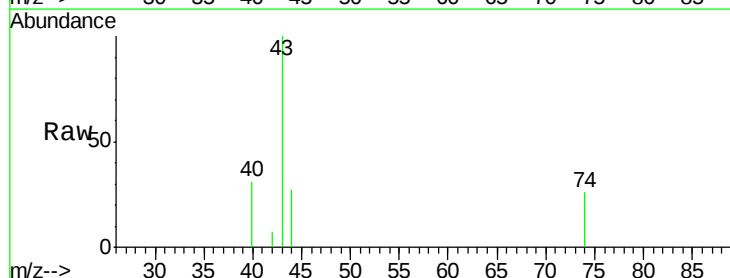
Acq: 4 Feb 2019 13:43

Tgt Ion: 43 Resp: 7034

Ion Ratio Lower Upper

43 100

74 22.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

2500

2000

1500

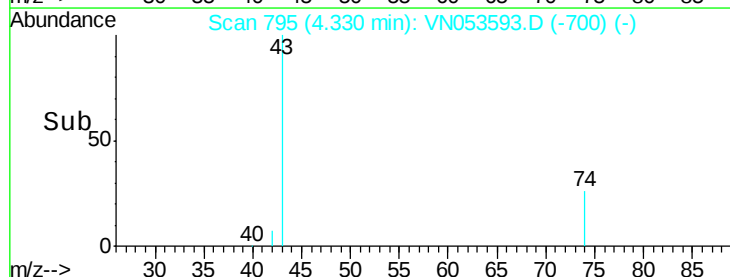
1000

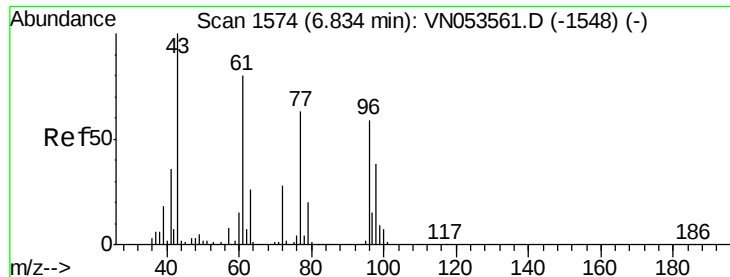
500

0

4.25 4.30 4.35 4.40

Time-->





#25

2-Butanone

Concen: 0.606 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

Instrument :

MSVOA_N

ClientSampleId :

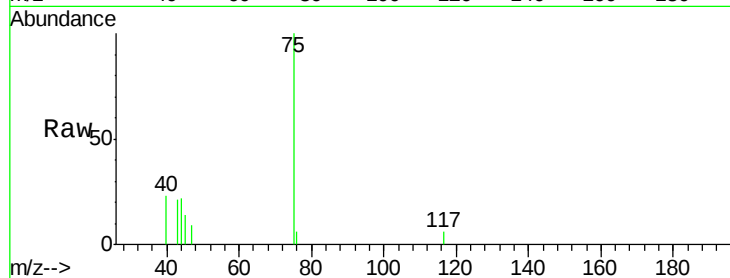
0037-COMP-3

Tot Ion: 43 Resp: 1640

Ion Ratio Lower Upper

43 100

72 0.0 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.85

600

500

400

300

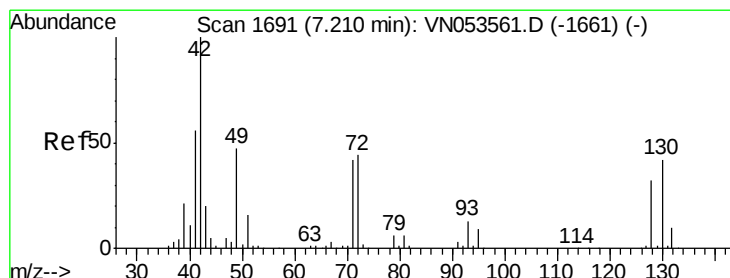
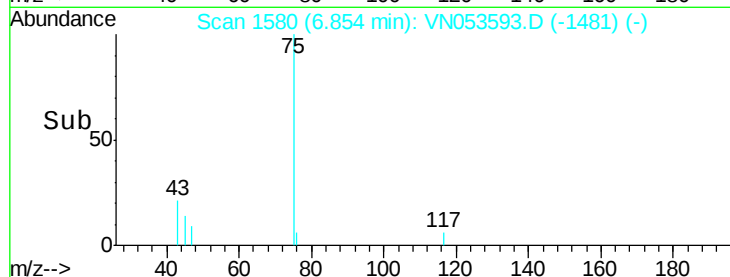
200

100

0

6.80 6.85 6.90

Time-->



#29

Tetrahydrofuran

Concen: 0.873 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

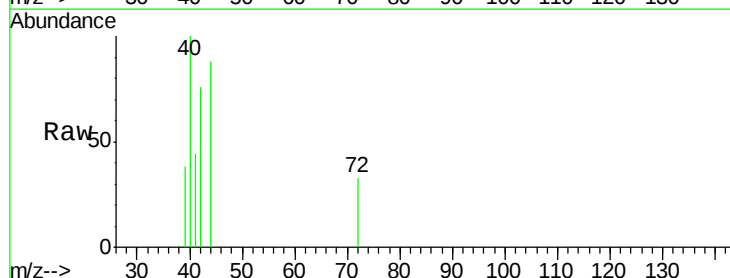
Tgt Ion: 42 Resp: 1517

Ion Ratio Lower Upper

42 100

72 28.6 35.2 52.8#

71 3.8 33.0 49.4#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

7.21

600

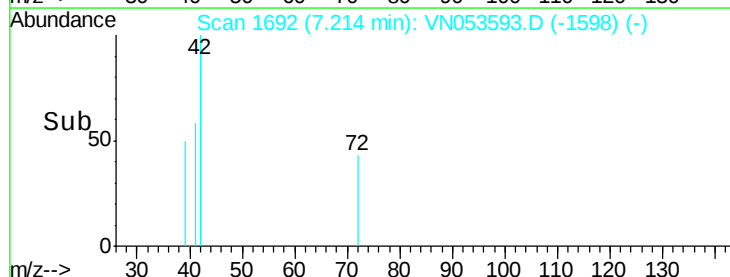
400

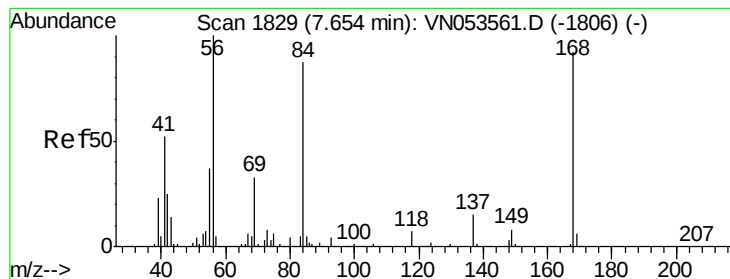
200

0

7.15 7.20 7.25

Time-->





#31

Cyclohexane

Concen: 0.690 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

Instrument :

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0037-COMP-3

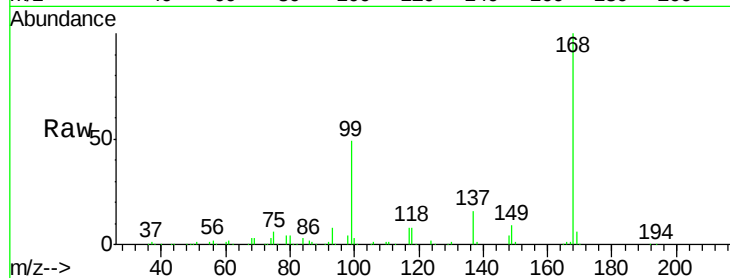
Tot Ion: 56 Resp: 10725

Ion Ratio Lower Upper

56 100

69 180.0 26.4 39.6#

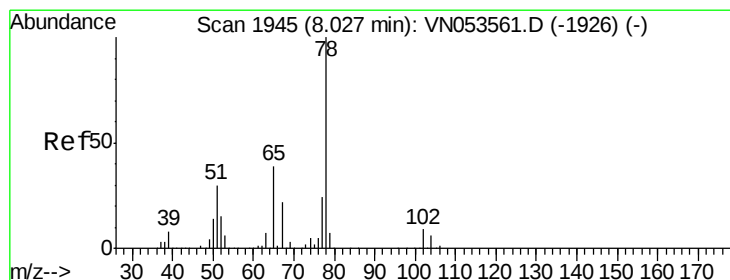
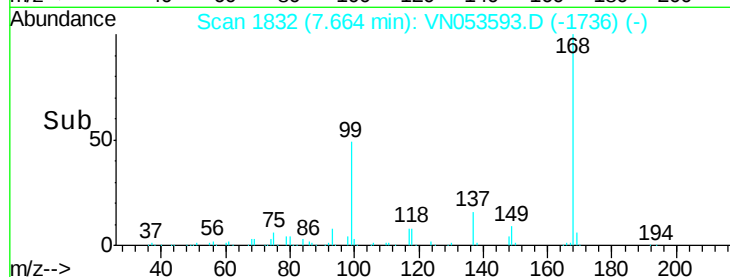
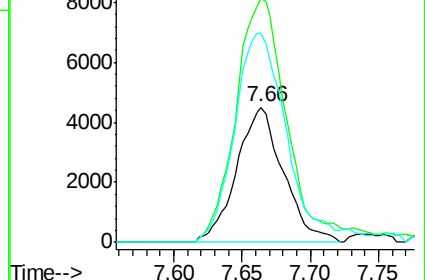
84 154.9 67.9 101.9#



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: N.D. ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053593.D

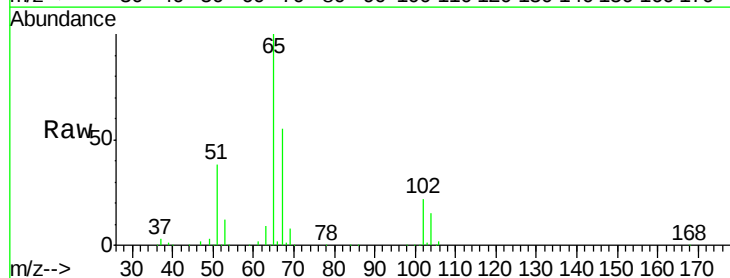
Acq: 4 Feb 2019 13:43

Tgt Ion: 65 Resp: 366912

Ion Ratio Lower Upper

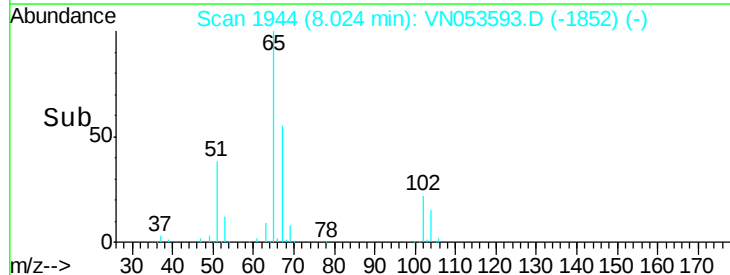
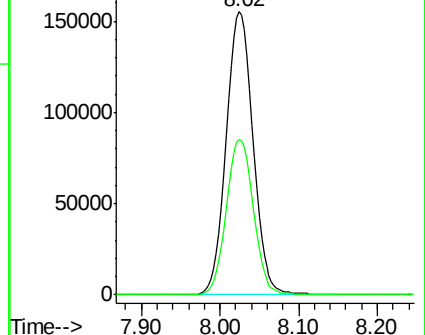
65 100

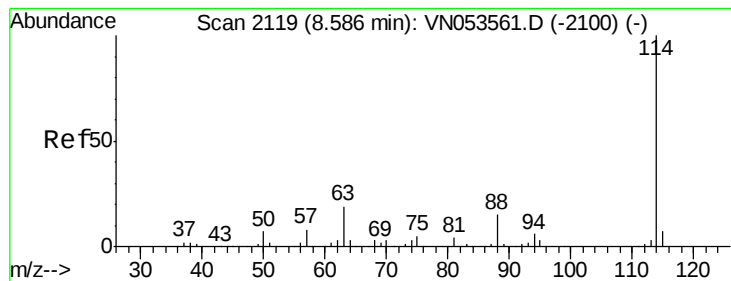
67 55.2 0.0 111.2



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: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

Instrument :

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0037-COMP-3

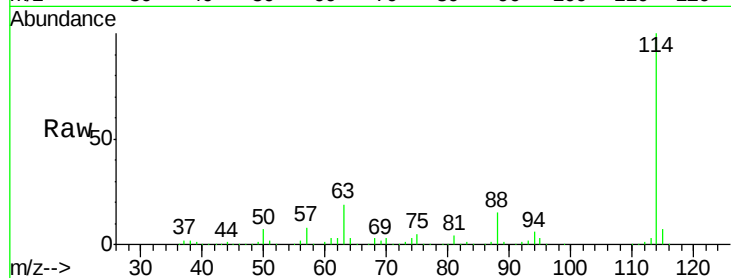
Tot Ion:114 Resp: 1150971

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.6

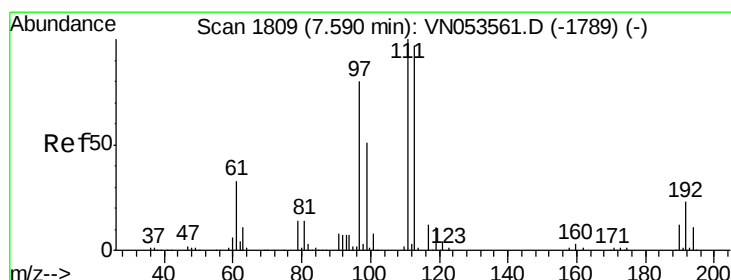
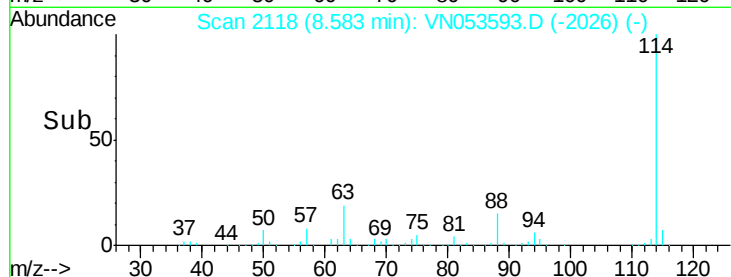
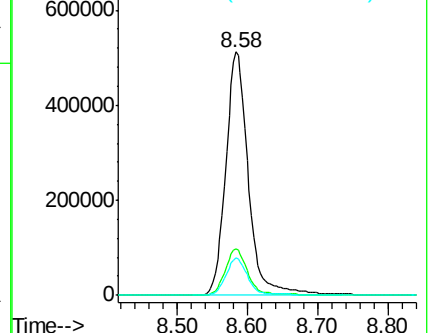
88 15.2 0.0 30.4



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: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

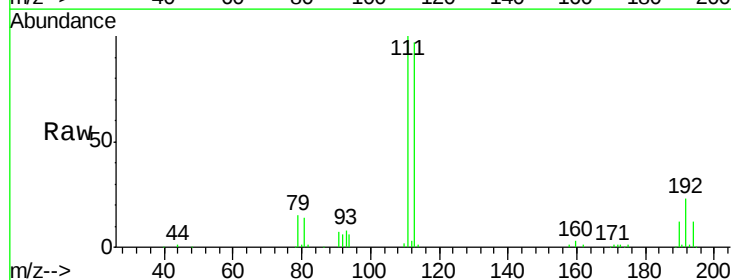
Tgt Ion:113 Resp: 353743

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

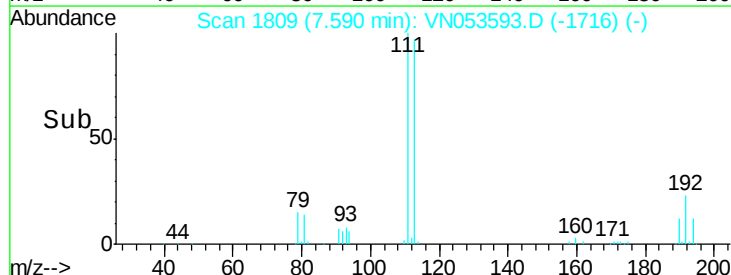
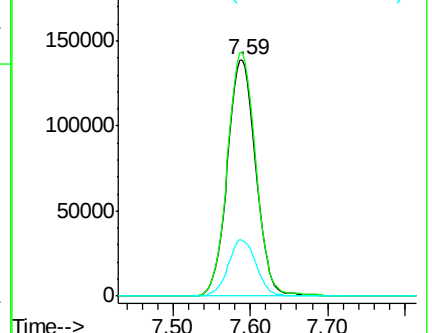
192 23.3 18.2 27.2

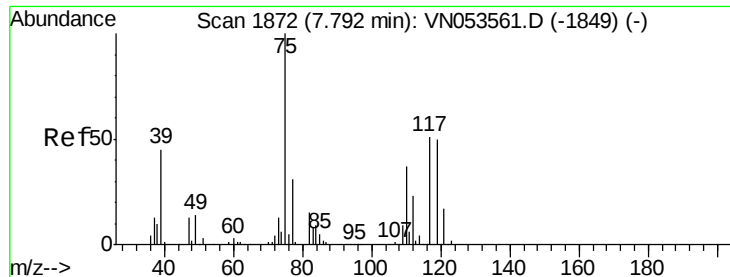


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.221 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

Instrument :

MSVOA_N

ClientSampleId :

0037-COMP-3

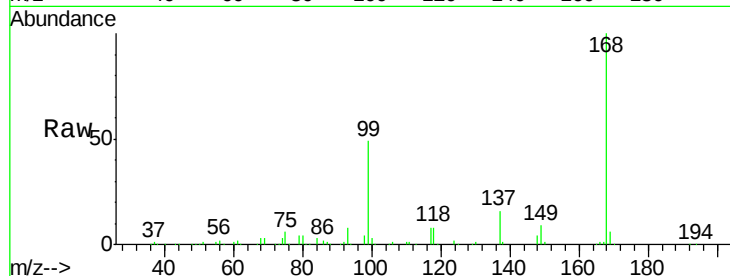
Tot Ion: 75 Resp: 43793

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.3#

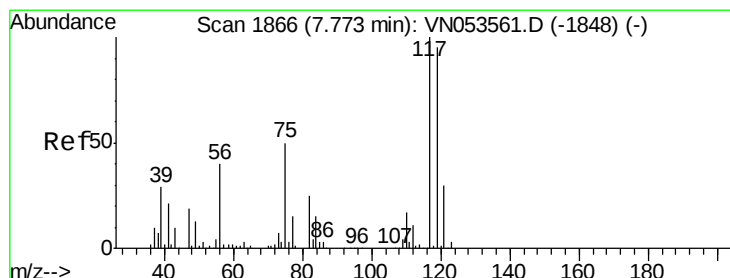
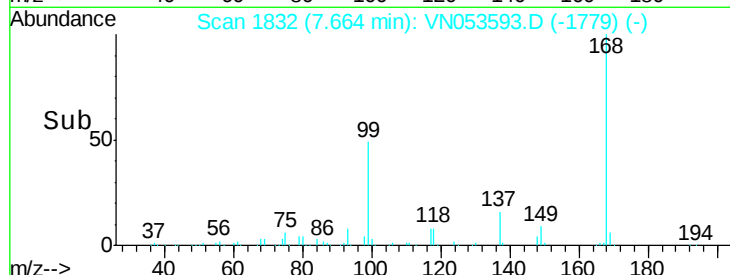
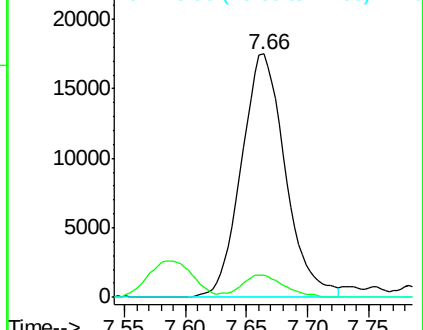
77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VN053593.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN053593.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN053593.D (-1779) (-)



#38

Carbon Tetrachloride

Concen: 5.543 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

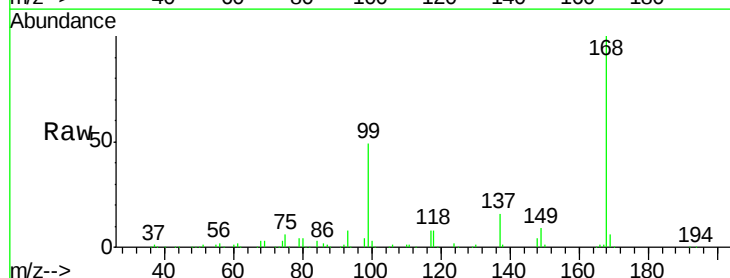
Tgt Ion: 117 Resp: 57940

Ion Ratio Lower Upper

117 100

119 5.8 77.2 115.8#

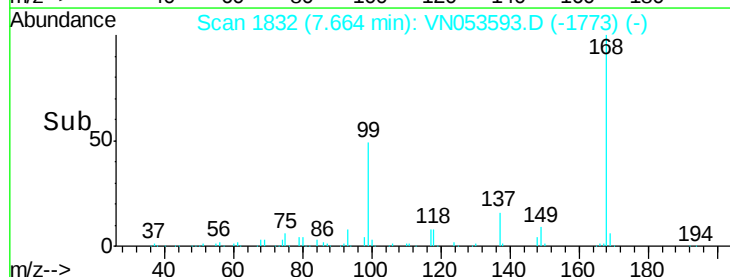
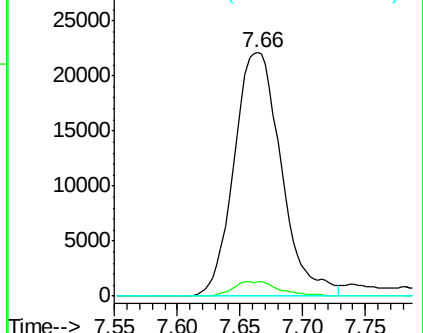
121 0.0 24.6 37.0#

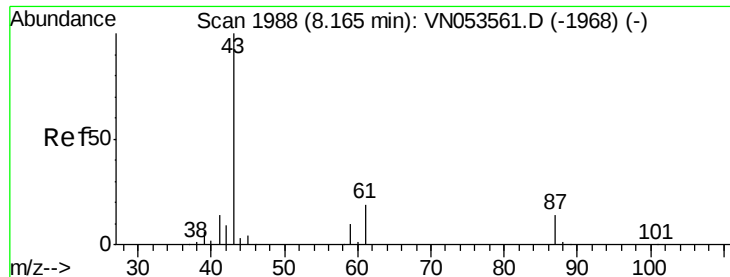


Abundance Ion 116.80 (116.50 to 117.50): VN053593.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN053593.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN053593.D (-1773) (-)





#43

Isopropyl Acetate

Concen: 1.455 ug/l

RT: 8.23 min Scan# 2007

Delta R.T. 0.06 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

Instrument :

MSVOA_N

ClientSampleId :

0037-COMP-3

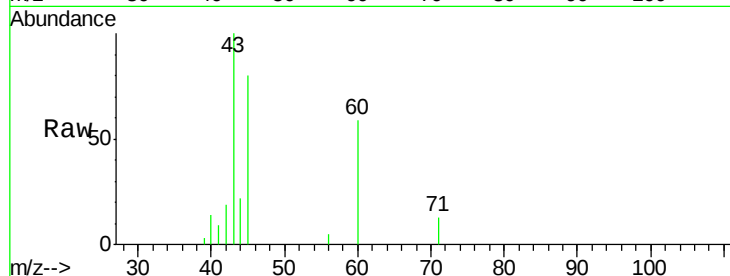
Tot Ion: 43 Resp: 16279

Ion Ratio Lower Upper

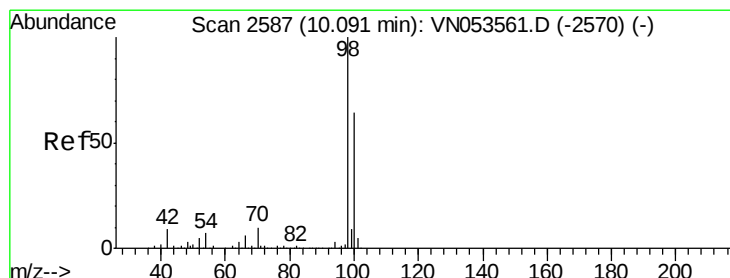
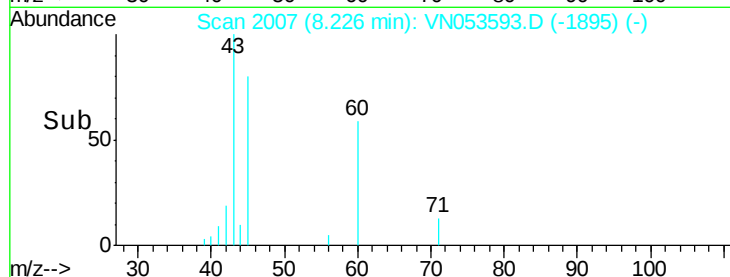
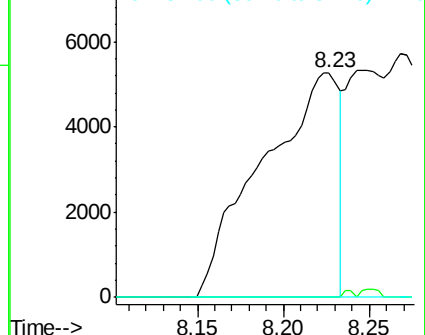
43 100

61 0.0 23.9 35.9#

87 0.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 61.00 (60.70 to 61.70): VNC
Ion 87.00 (86.70 to 87.70): VNC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053593.D

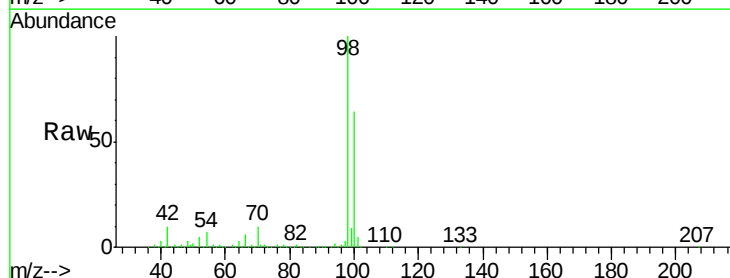
Acq: 4 Feb 2019 13:43

Tgt Ion: 98 Resp: 1420791

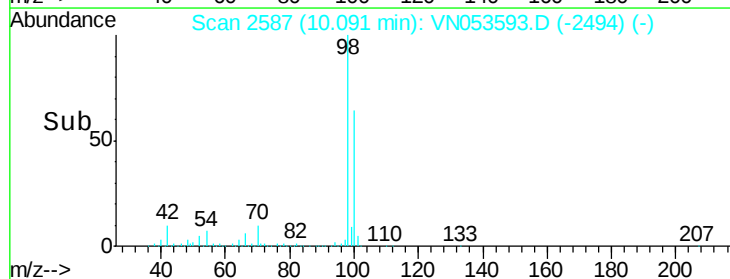
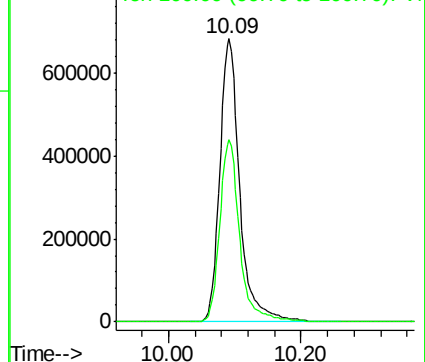
Ion Ratio Lower Upper

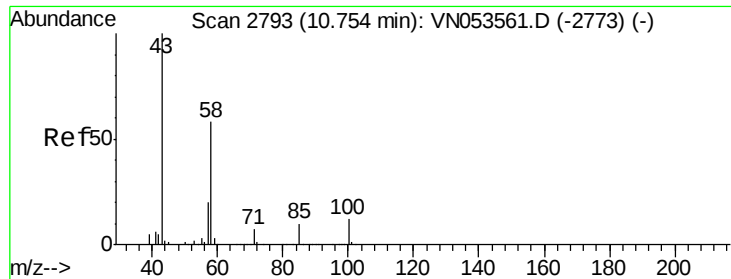
98 100

100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VNC
Ion 100.00 (99.70 to 100.70): VNC

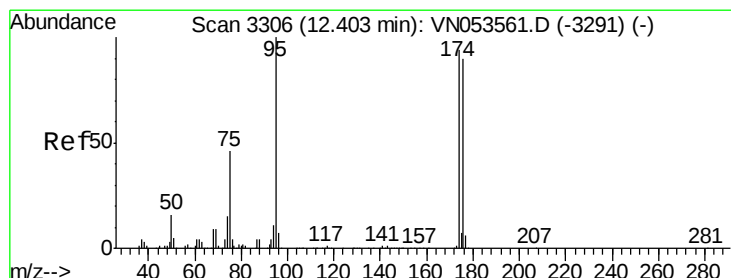
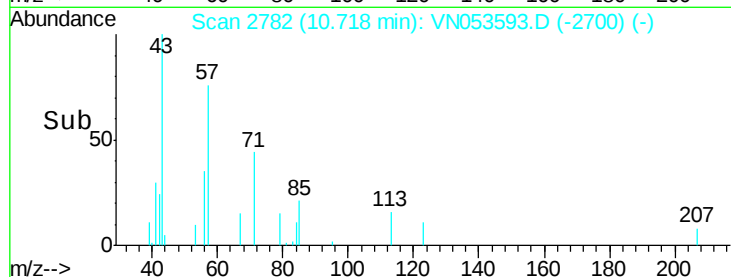
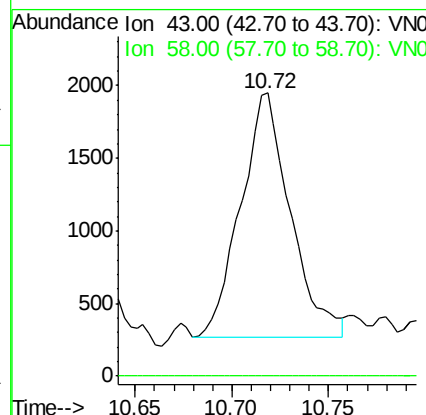
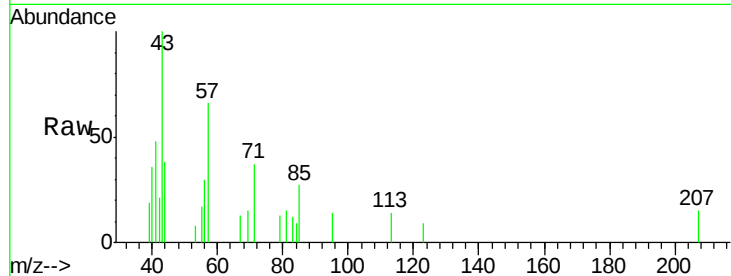




#59
2-Hexanone
Concen: 0.807 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.04 min
Lab File: VN053593.D
Acq: 4 Feb 2019 13:43

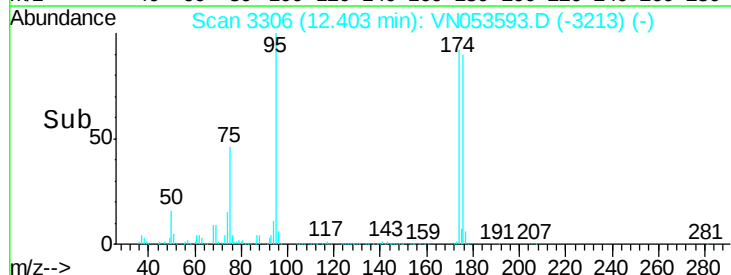
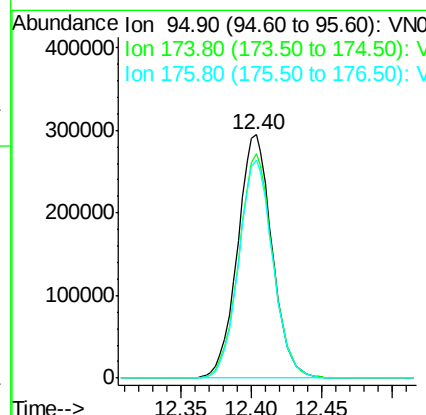
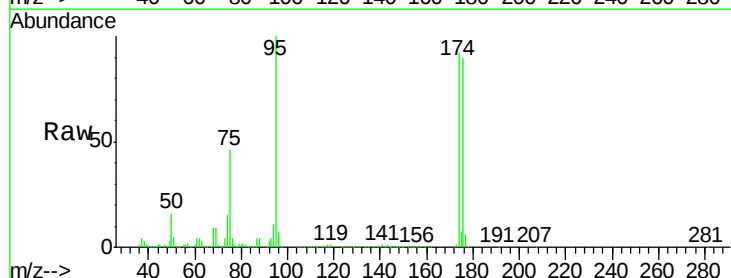
Instrument :
MSVOA_N
ClientSampleId :
0037-COMP-3

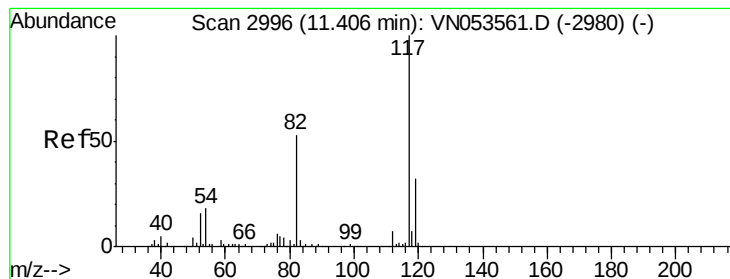
Tot Ion: 43 Resp: 3011
Ion Ratio Lower Upper
43 100
58 0.0 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053593.D
Acq: 4 Feb 2019 13:43

Tgt Ion: 95 Resp: 498832
Ion Ratio Lower Upper
95 100
174 91.9 0.0 183.2
176 89.7 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

Instrument :

MSVOA_N

ClientSampleId :

0037-COMP-3

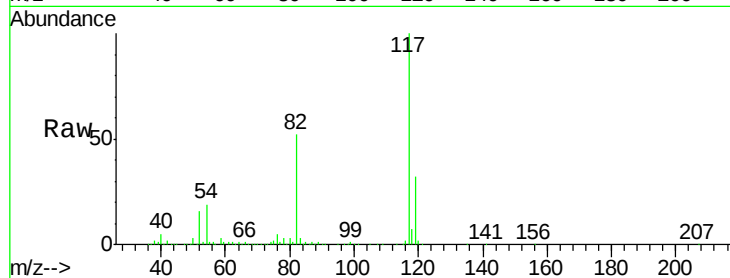
Tot Ion:117 Resp: 1080608

Ion Ratio Lower Upper

117 100

82 52.4 42.9 64.3

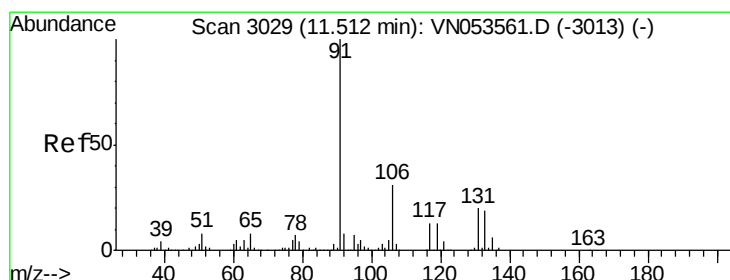
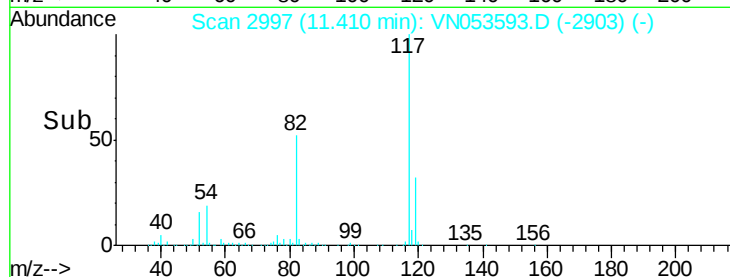
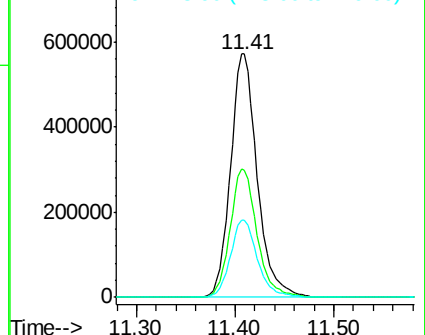
119 31.8 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 0.609 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN053593.D

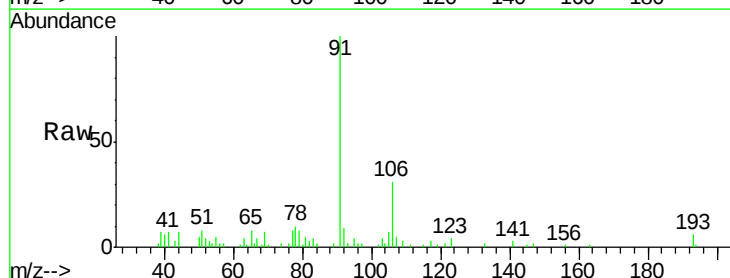
Acq: 4 Feb 2019 13:43

Tgt Ion: 91 Resp: 22965

Ion Ratio Lower Upper

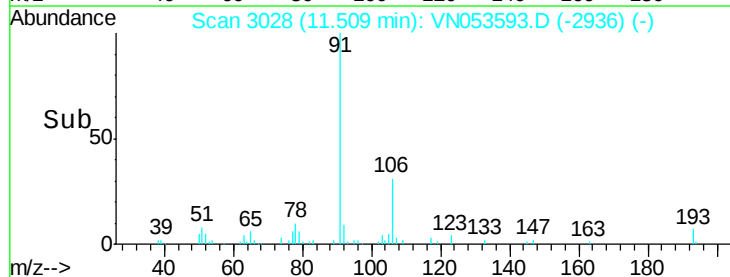
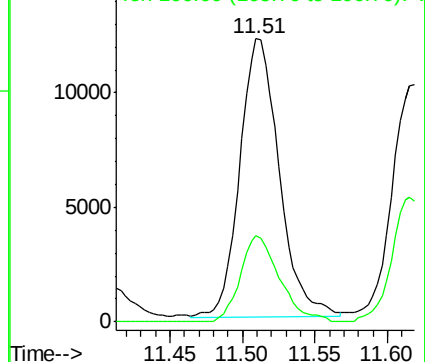
91 100

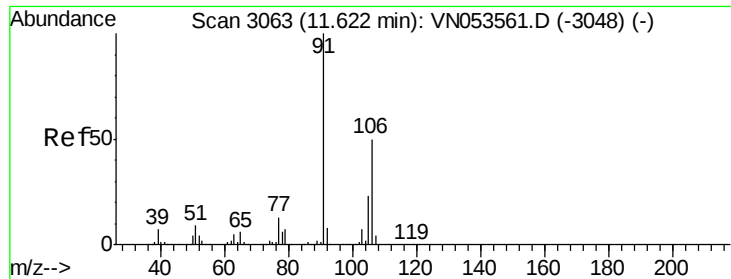
106 31.2 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

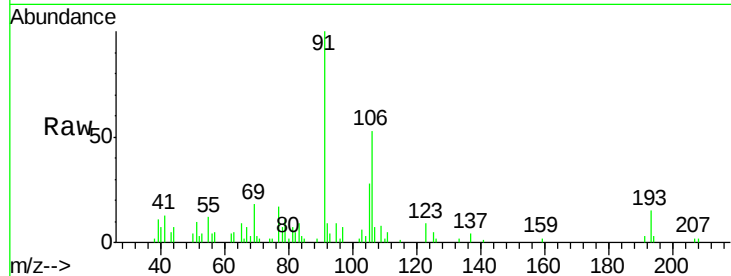




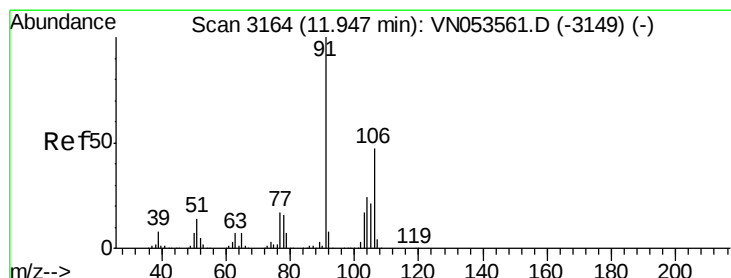
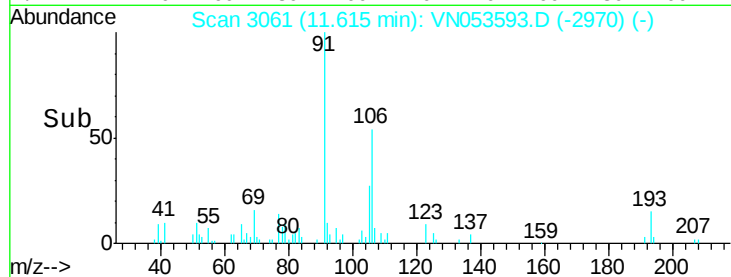
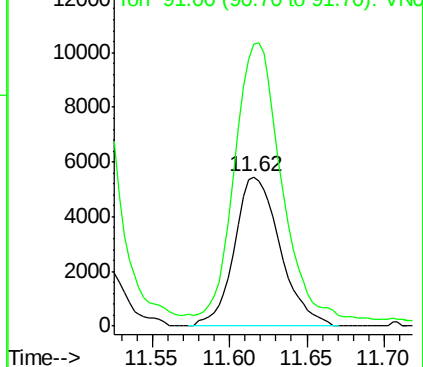
#68
m/p-Xylenes
Concen: 0.778 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053593.D
Acq: 4 Feb 2019 13:43

Instrument :
MSVOA_N
ClientSampleId :
0037-COMP-3

Tot Ion:106 Resp: 11197
Ion Ratio Lower Upper
106 100
91 188.4 161.4 242.2

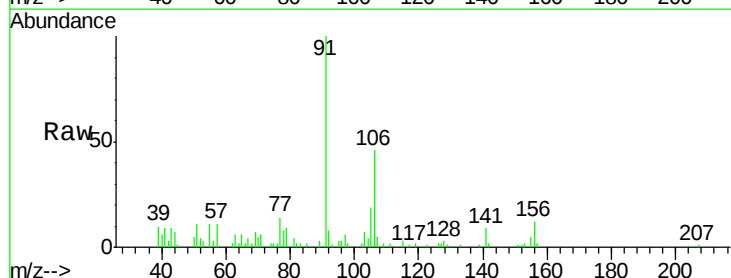


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

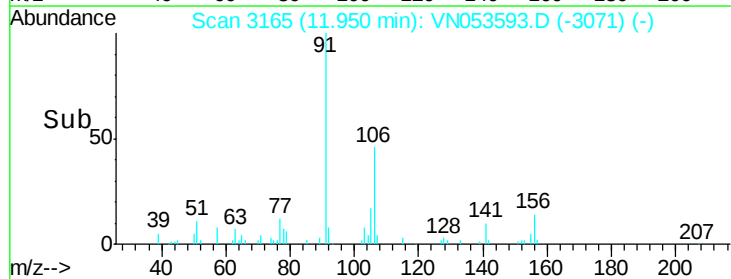
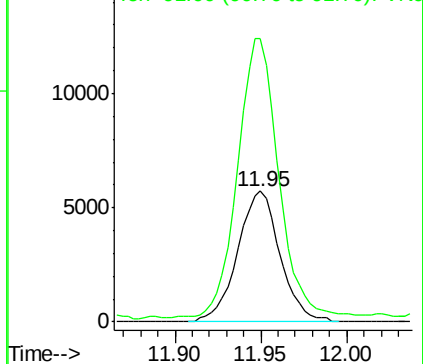


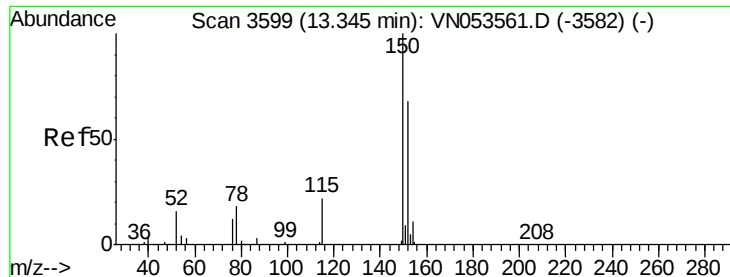
#69
o-Xylene
Concen: 0.705 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053593.D
Acq: 4 Feb 2019 13:43

Tgt Ion:106 Resp: 9802
Ion Ratio Lower Upper
106 100
91 208.5 106.9 320.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

Instrument :

MSVOA_N

ClientSampleId :

0037-COMP-3

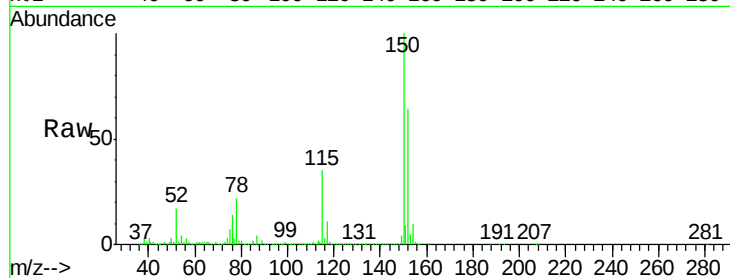
Tot Ion:152 Resp: 520834

Ion Ratio Lower Upper

152 100

115 54.7 27.8 83.4

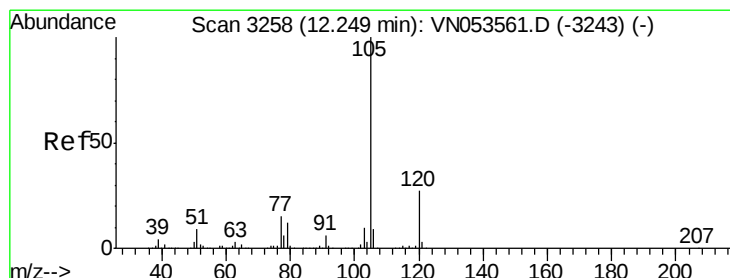
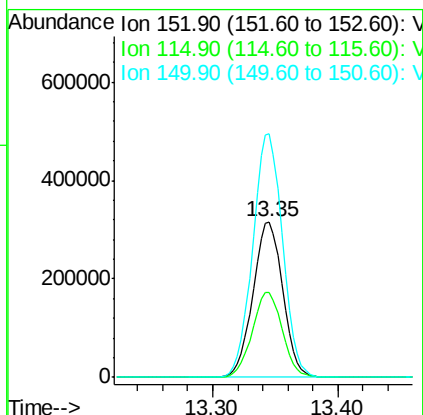
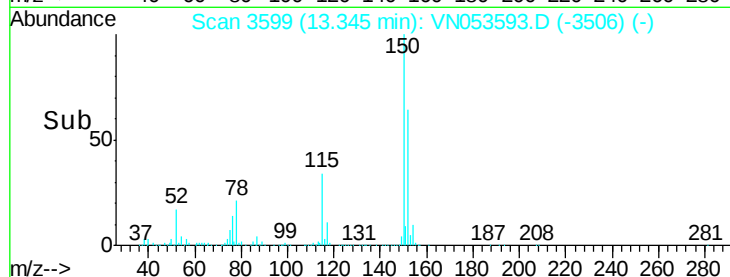
150 157.1 0.0 349.0



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



#73

Isopropylbenzene

Concen: 0.467 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053593.D

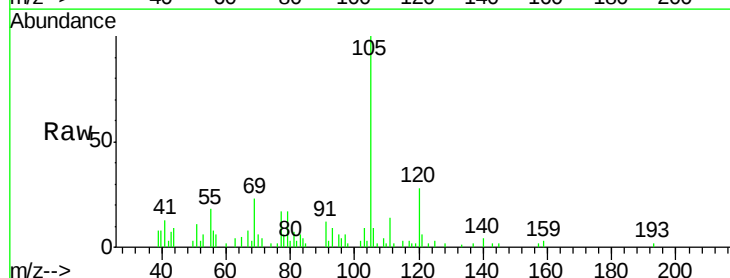
Acq: 4 Feb 2019 13:43

Tgt Ion:105 Resp: 17103

Ion Ratio Lower Upper

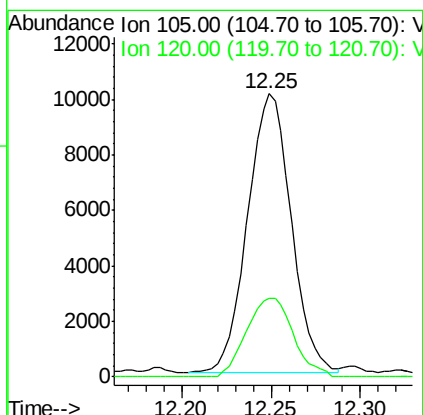
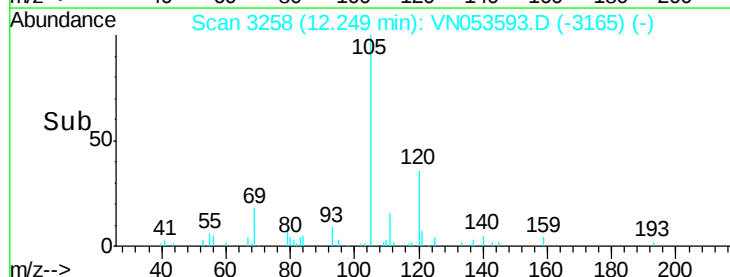
105 100

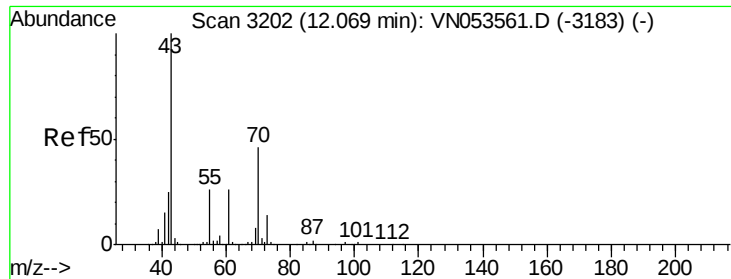
120 30.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.829 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

Instrument :

MSVOA_N

ClientSampleId :

0037-COMP-3

Tot Ion: 43 Resp: 7297

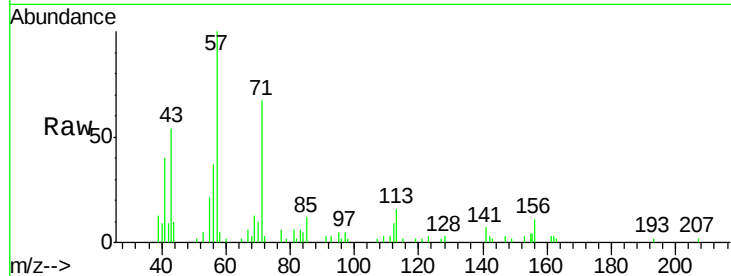
Ion Ratio Lower Upper

43 100

70 19.1 35.4 53.2#

55 17.0 20.9 31.3#

61 0.0 20.5 30.7#

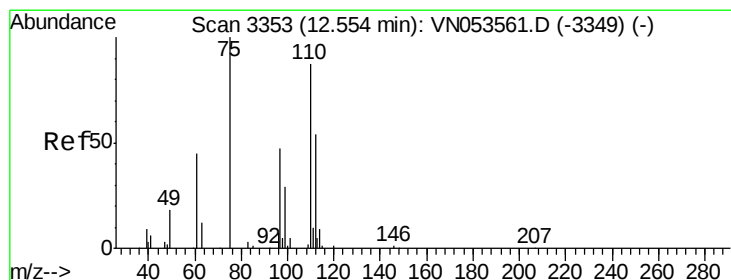
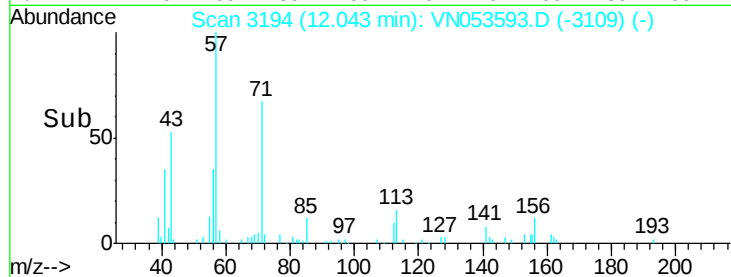
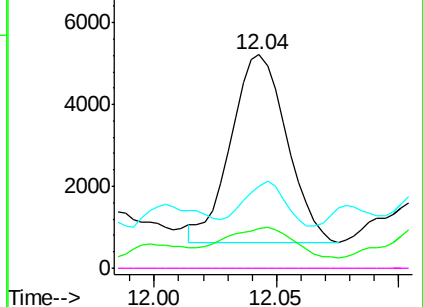


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 34.589 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053593.D

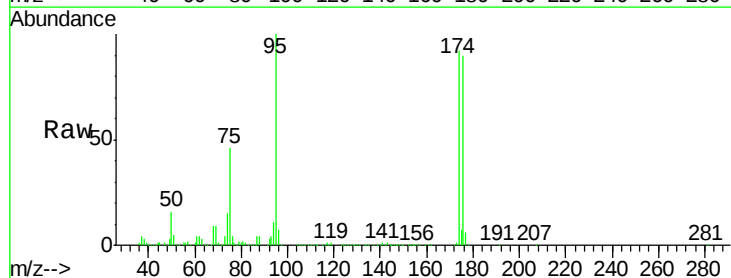
Acq: 4 Feb 2019 13:43

Tgt Ion: 75 Resp: 231393

Ion Ratio Lower Upper

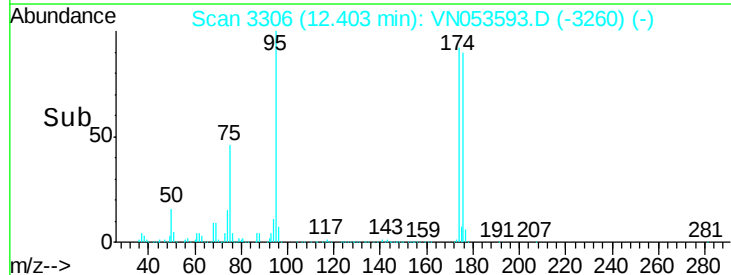
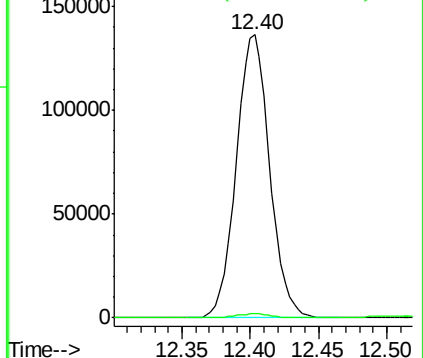
75 100

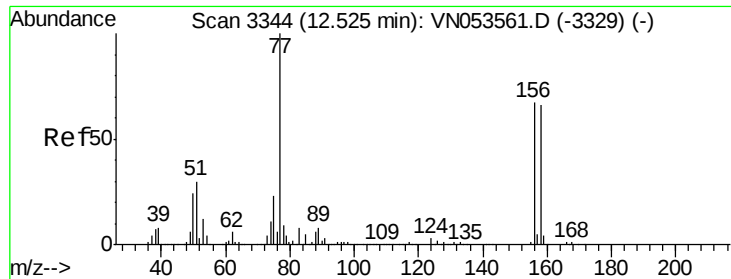
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 3.601 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.04 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

Instrument :

MSVOA_N

ClientSampleId :

0037-COMP-3

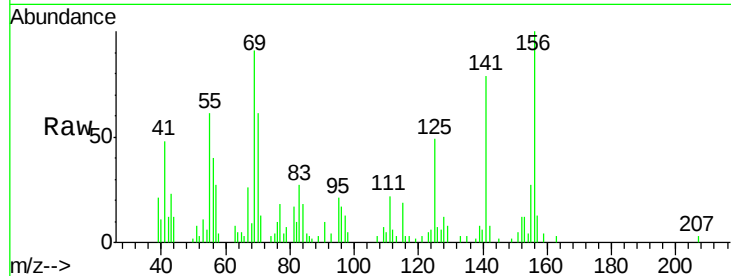
Tot Ion:156 Resp: 35534

Ion Ratio Lower Upper

156 100

77 1.1 87.9 263.8#

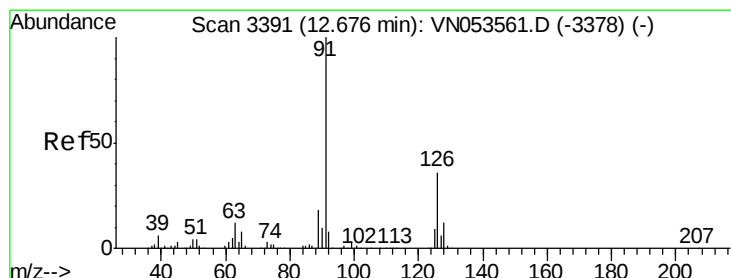
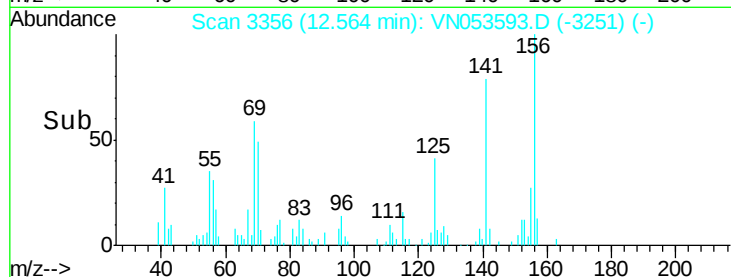
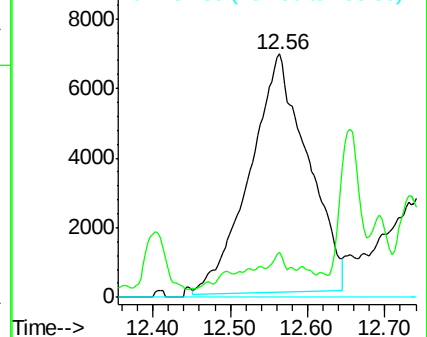
158 0.0 48.8 146.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#79

2-Chlorotoluene

Concen: 0.334 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN053593.D

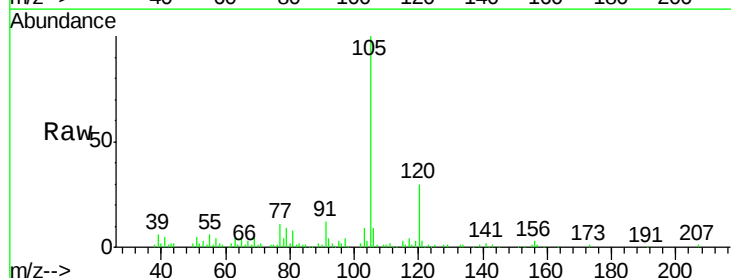
Acq: 4 Feb 2019 13:43

Tgt Ion: 91 Resp: 8398

Ion Ratio Lower Upper

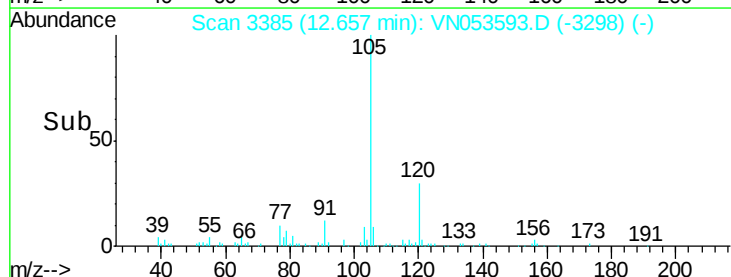
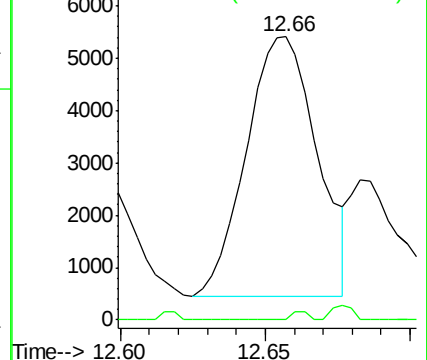
91 100

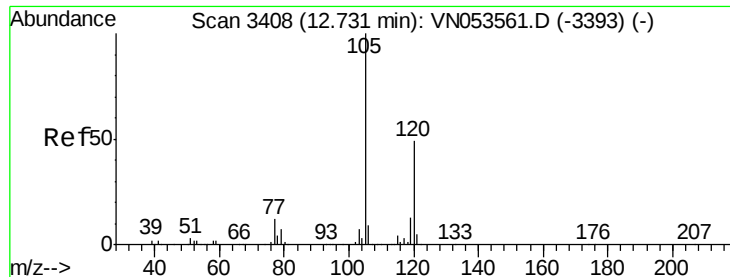
126 0.7 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.065 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

Instrument :

MSVOA_N

ClientSampleId :

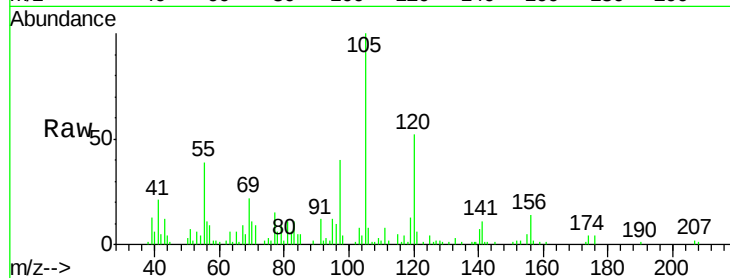
0037-COMP-3

Tot Ion:105 Resp: 32348

Ion Ratio Lower Upper

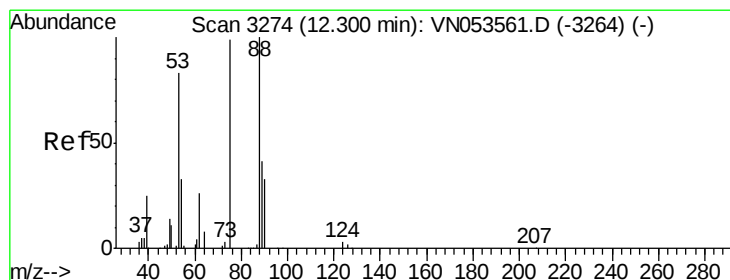
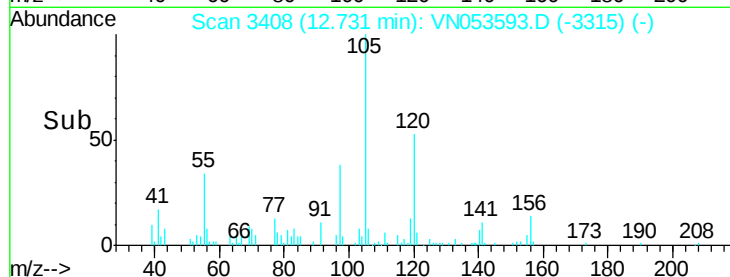
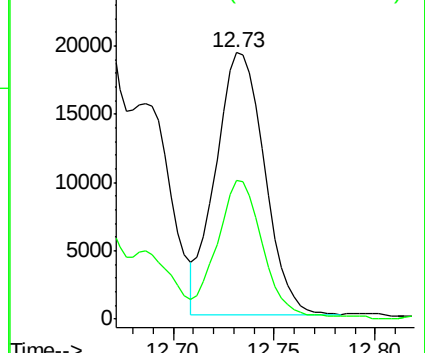
105 100

120 47.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 97.261 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

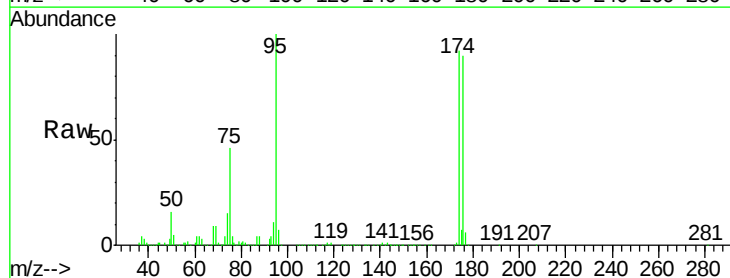
Tgt Ion: 75 Resp: 231393

Ion Ratio Lower Upper

75 100

53 0.2 69.8 104.6#

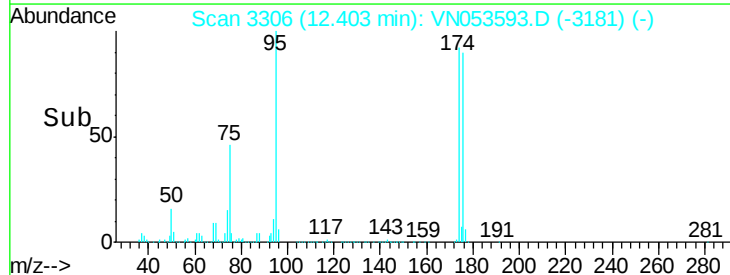
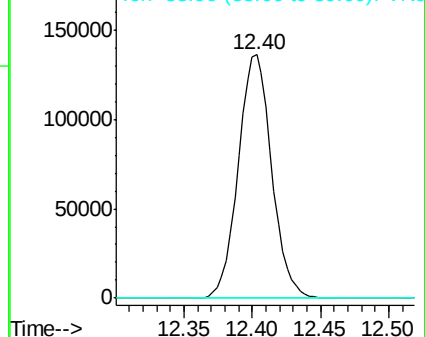
89 0.0 35.6 53.4#

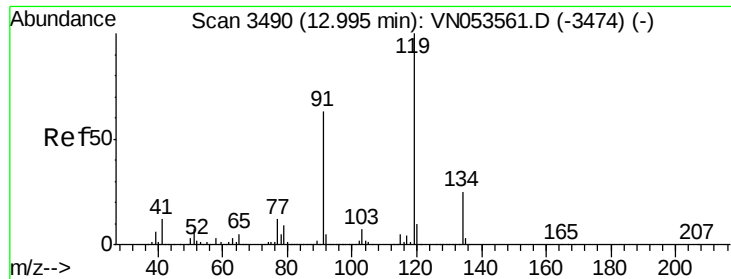


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

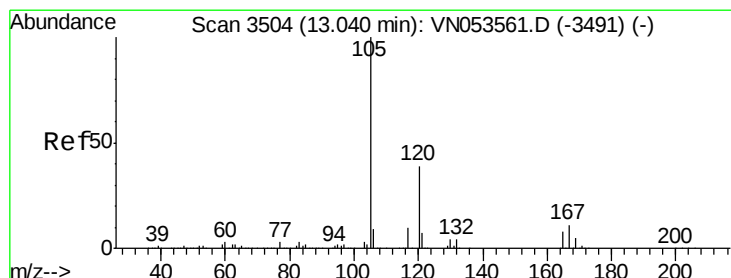
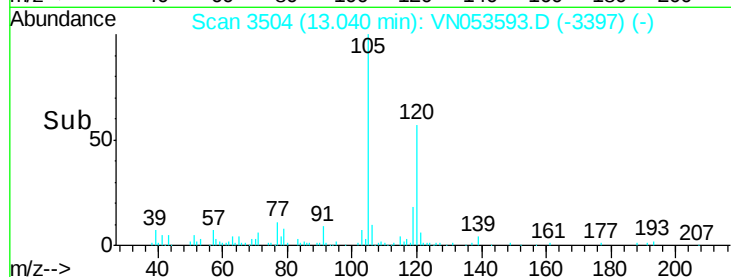
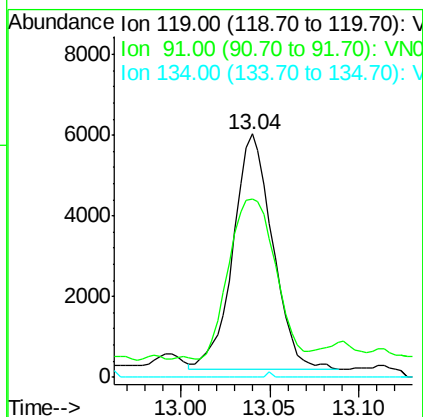
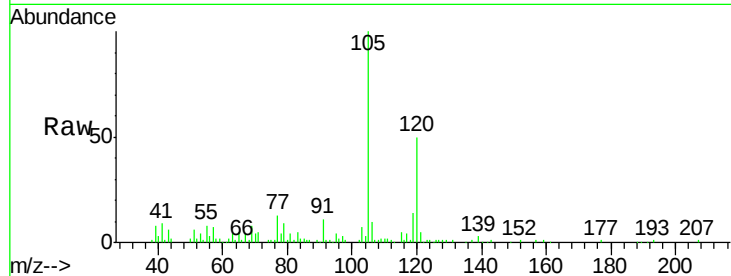




#83
 tert-Butylbenzene
 Concen: 0.336 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN053593.D
 Acq: 4 Feb 2019 13:43

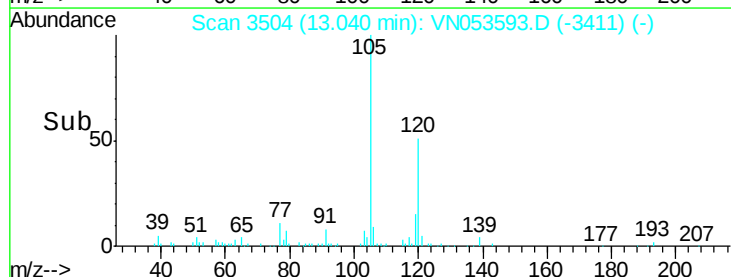
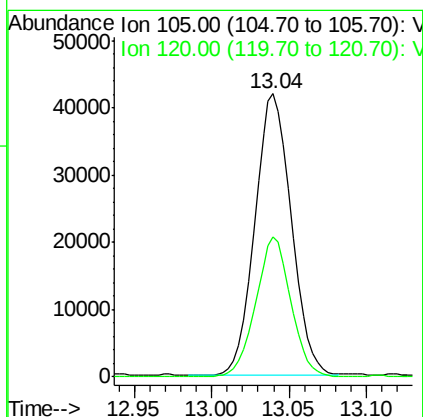
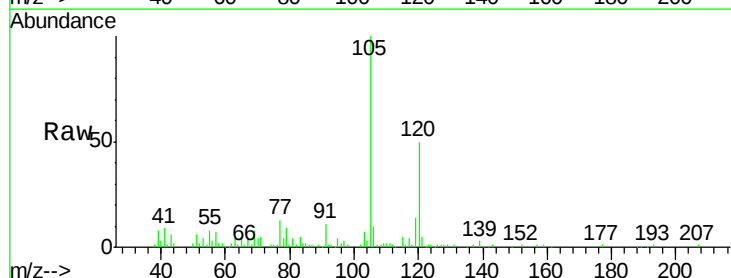
Instrument :
 MSVOA_N
 ClientSampleId :
 0037-COMP-3

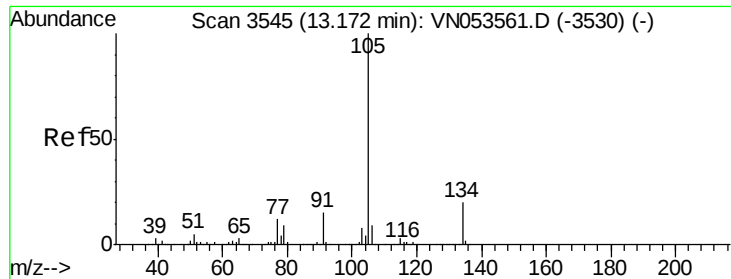
Tot Ion:119 Resp: 9018
 Ion Ratio Lower Upper
 119 100
 91 80.3 31.3 93.8
 134 0.0 12.9 38.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 2.220 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053593.D
 Acq: 4 Feb 2019 13:43

Tgt Ion:105 Resp: 68660
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 1.880 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

Instrument :

MSVOA_N

ClientSampleId :

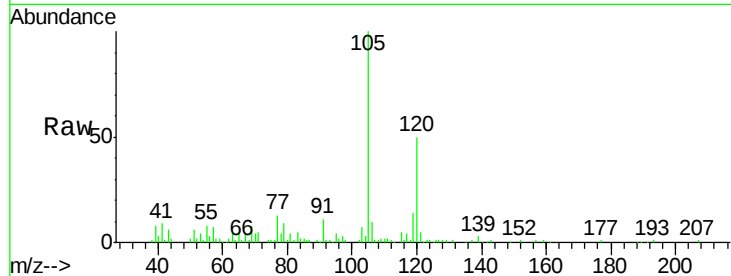
0037-COMP-3

Tot Ion:105 Resp: 68660

Ion Ratio Lower Upper

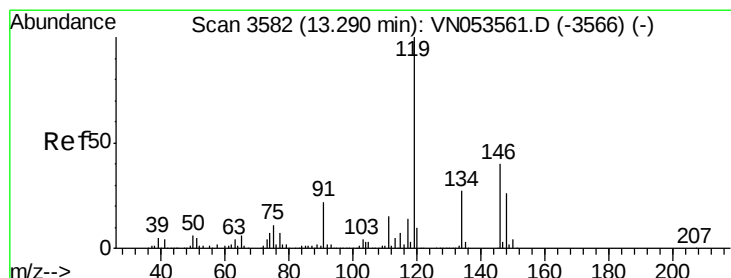
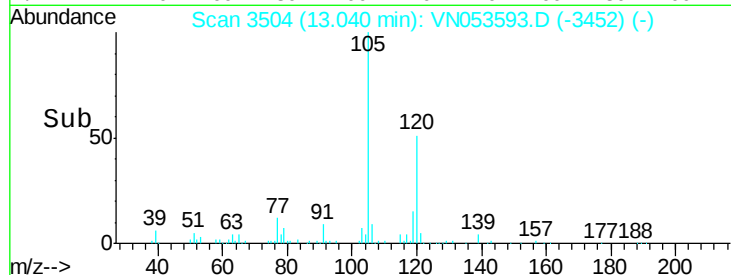
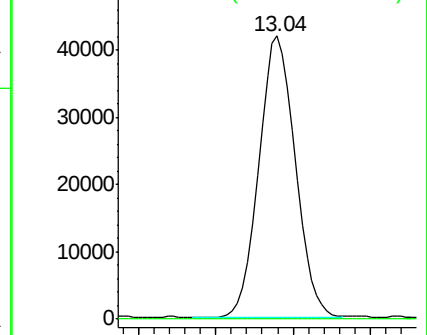
105 100

134 0.0 10.2 30.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.679 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

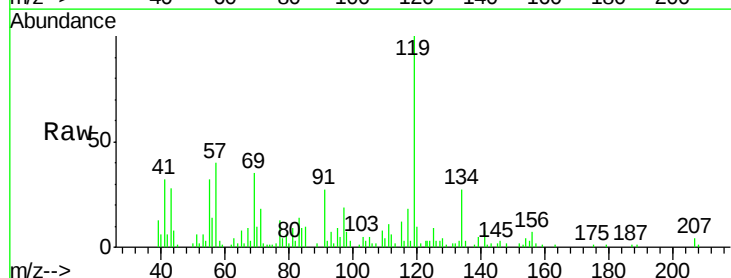
Tgt Ion:119 Resp: 21700

Ion Ratio Lower Upper

119 100

134 25.7 13.5 40.4

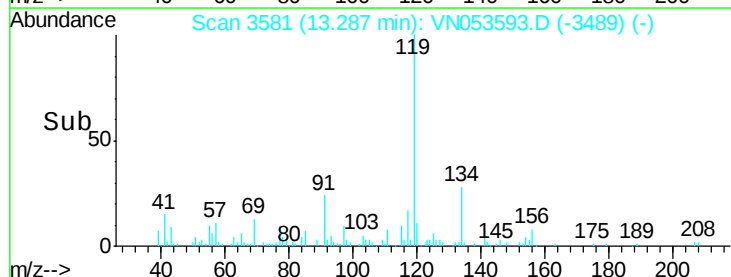
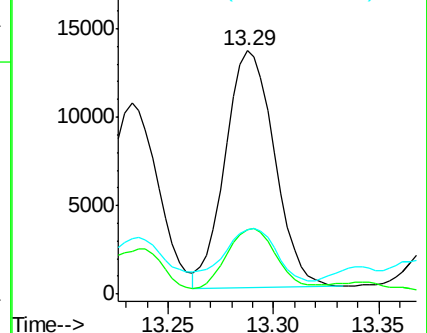
91 25.0 11.0 33.0

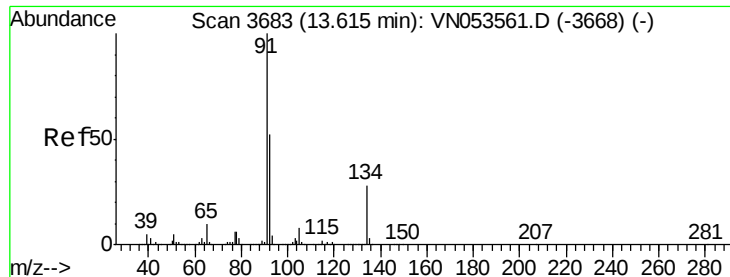


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 0.324 ug/l

RT: 13.58 min Scan# 3673

Delta R.T. -0.03 min

Lab File: VN053593.D

Acq: 4 Feb 2019 13:43

Instrument :

MSVOA_N

ClientSampleId :

0037-COMP-3

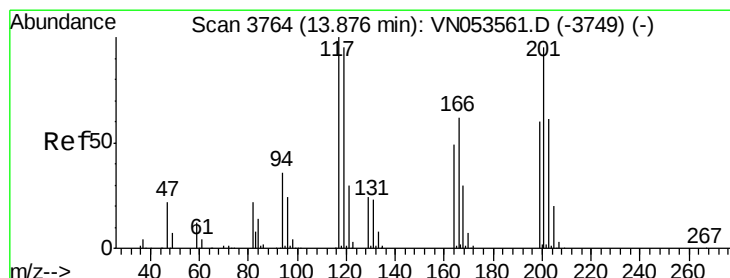
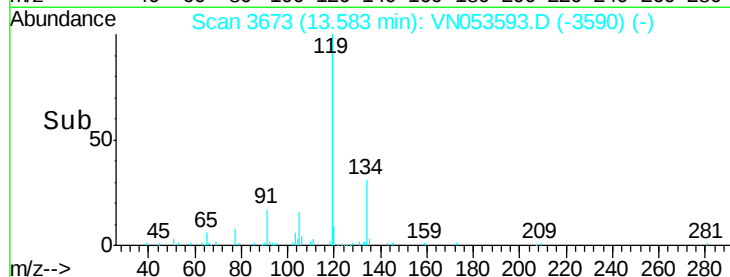
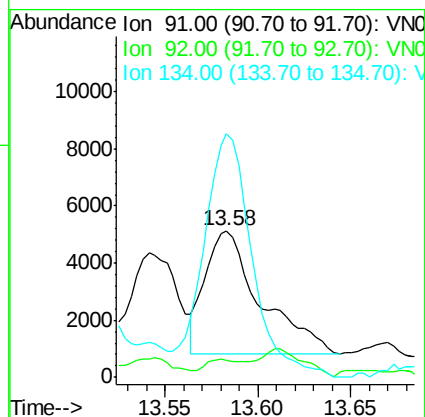
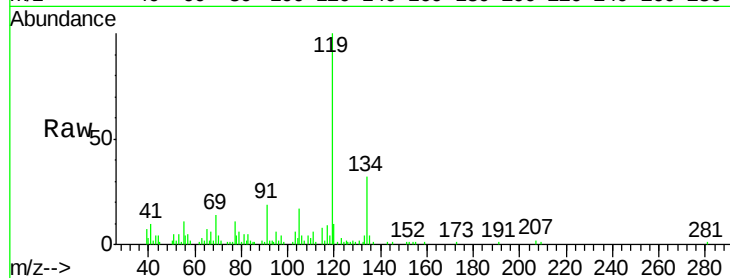
Tot Ion: 91 Resp: 8970

Ion Ratio Lower Upper

91 100

92 9.3 26.3 78.8#

134 172.4 13.5 40.5#



#90

Hexachloroethane

Concen: 0.867 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN053593.D

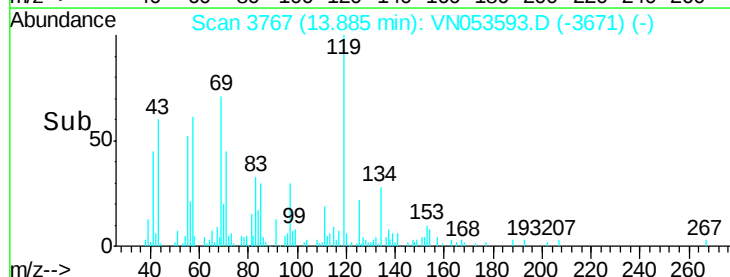
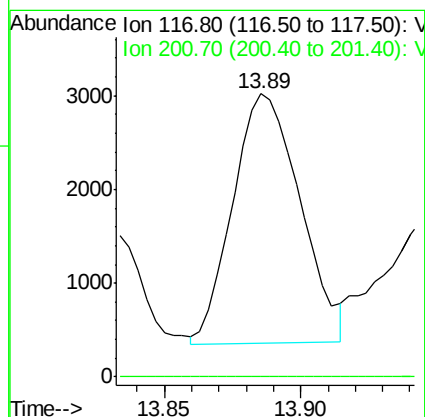
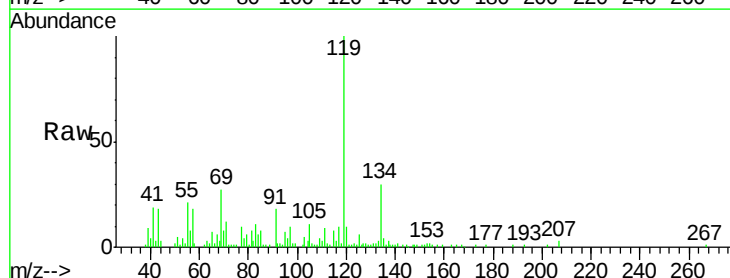
Acq: 4 Feb 2019 13:43

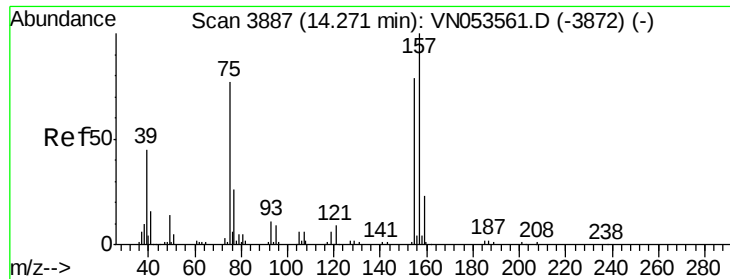
Tgt Ion: 117 Resp: 4567

Ion Ratio Lower Upper

117 100

201 0.0 46.8 140.4#

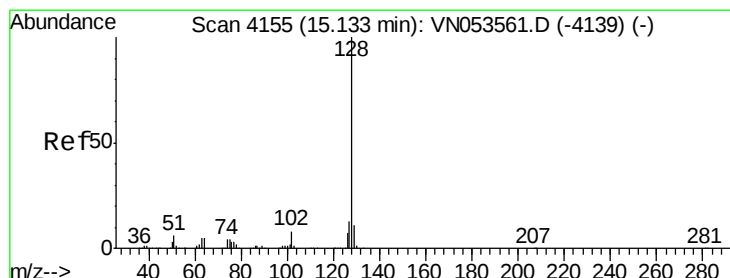
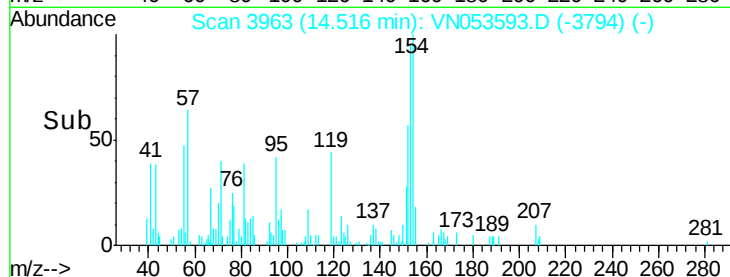
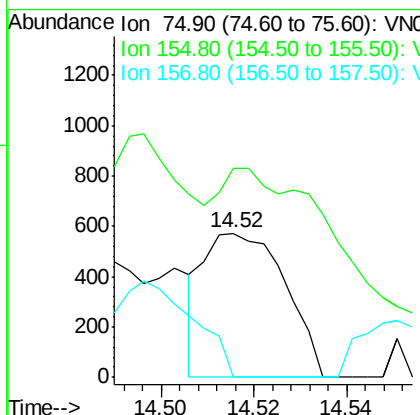
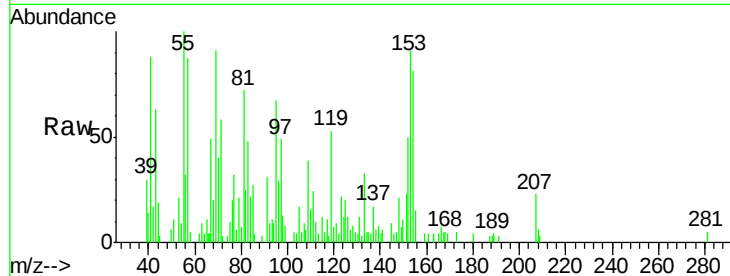




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.556 ug/l
 RT: 14.52 min Scan# 3963
 Delta R.T. 0.24 min
 Lab File: VN053593.D
 Acq: 4 Feb 2019 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 0037-COMP-3

Tot Ion: 75 Resp: 694
 Ion Ratio Lower Upper
 75 100
 155 85.6 48.9 146.7
 157 66.9 63.7 191.3



#95
 Naphthalene
 Concen: 42.778 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053593.D
 Acq: 4 Feb 2019 13:43

Tgt Ion: 128 Resp: 972783
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.3 15.5
 129 10.7 8.6 13.0

