

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051580.D
 Acq On : 27 Sep 2018 13:28
 Operator : MD\SY
 Sample : J4773-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-092518-B

Quant Time: Sep 27 14:30:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	632547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1032947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	872672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	315276	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	456990	57.67	ug/l	0.00
Spiked Amount						
			Recovery	=	115.34%	
35) Dibromofluoromethane	7.59	113	399610	48.38	ug/l	0.00
Spiked Amount						
			Recovery	=	96.76%	
50) Toluene-d8	10.09	98	1430978	46.01	ug/l	0.00
Spiked Amount						
			Recovery	=	92.02%	
62) 4-Bromofluorobenzene	12.40	95	393808	39.14	ug/l	0.00
Spiked Amount						
			Recovery	=	78.28%	

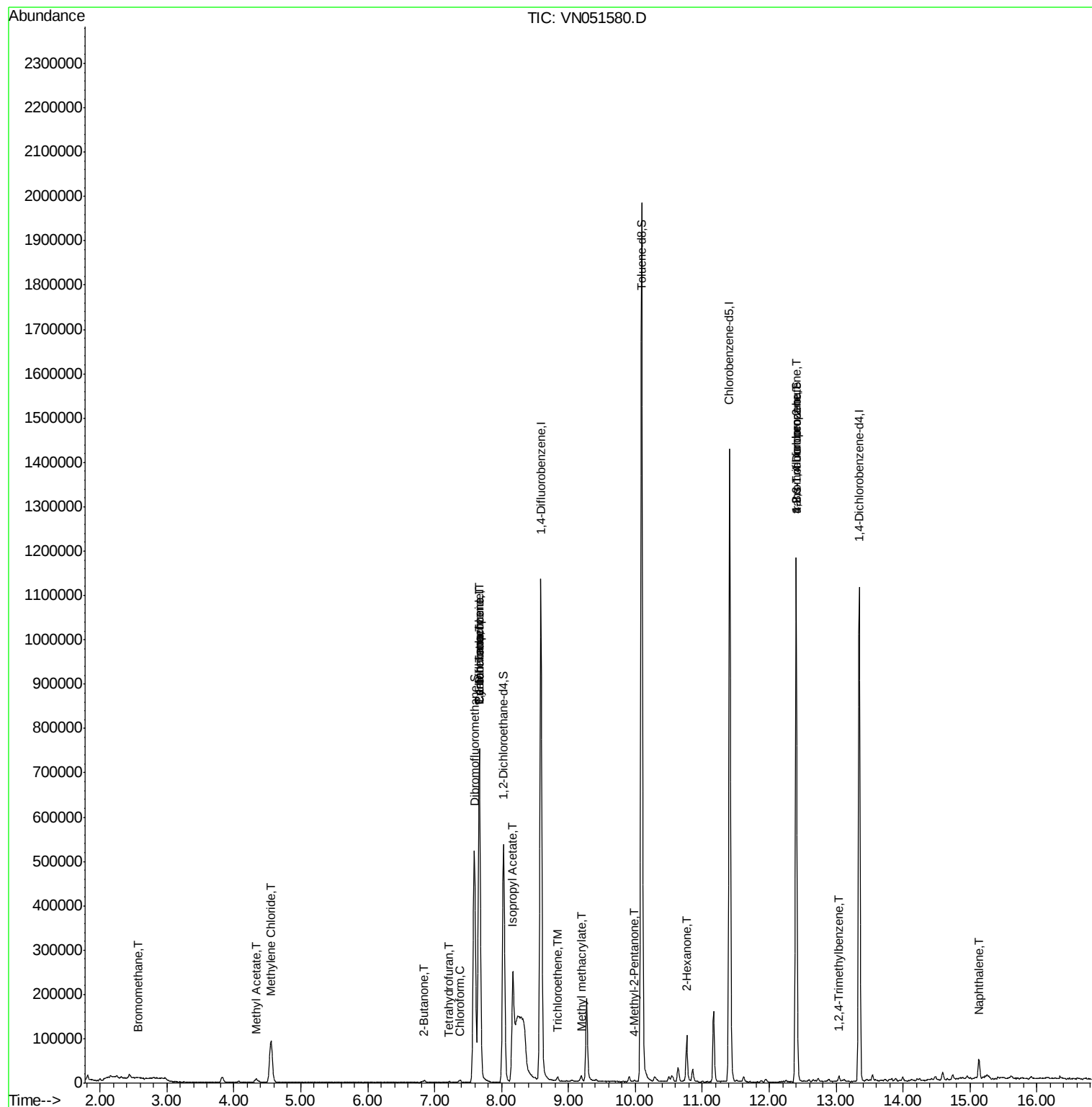
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	1063	0.230	ug/l	89
16) Acetone	3.83	43	20674	Below Cal		93
18) Methyl Acetate	4.34	43	17061	2.827	ug/l	92
20) Methylene Chloride	4.55	84	67651	8.628	ug/l	99
25) 2-Butanone	6.84	43	2154	0.794	ug/l #	77
29) Tetrahydrofuran	7.22	42	599	0.349	ug/l #	59
30) Chloroform	7.37	83	5491	0.407	ug/l	95
31) Cyclohexane	7.67	56	12524	1.004	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	46464	3.884	ug/l #	48
38) Carbon Tetrachloride	7.67	117	57471	4.593	ug/l #	16
43) Isopropyl Acetate	8.17	43	321140	25.822	ug/l #	91
44) Trichloroethene	8.83	130	3442	0.369	ug/l	96
48) Methyl methacrylate	9.18	41	7683	1.239	ug/l #	25
51) 4-Methyl-2-Pentanone	9.98	43	1585	0.232	ug/l #	84
59) 2-Hexanone	10.77	43	14067	3.173	ug/l #	61
76) 1,2,3-Trichloropropane	12.40	75	191687	36.625	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	191687	112.619	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	6597	0.302	ug/l	96
95) Naphthalene	15.13	128	38609	10.808	ug/l	98

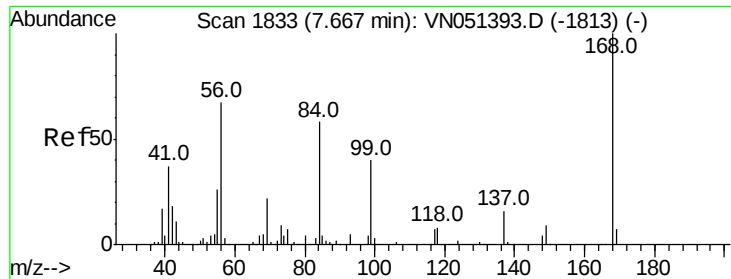
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

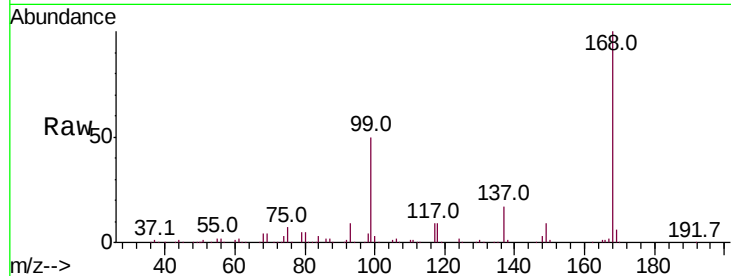
CL-02-092518-B

Tot Ion:168 Resp: 632547

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

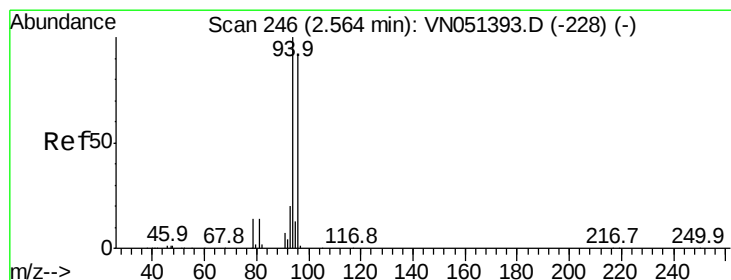
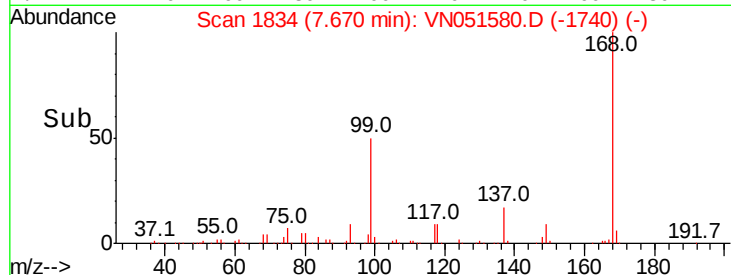
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.230 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051580.D

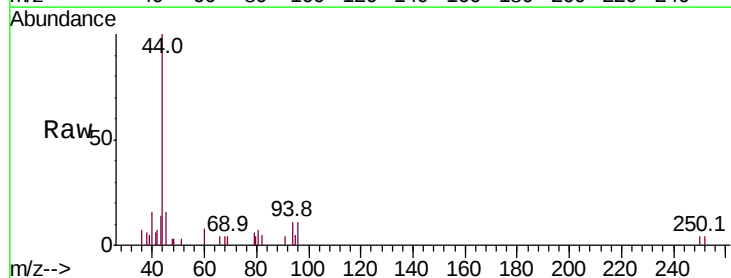
Acq: 27 Sep 2018 13:28

Tgt Ion: 94 Resp: 1063

Ion Ratio Lower Upper

94 100

96 102.5 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

800

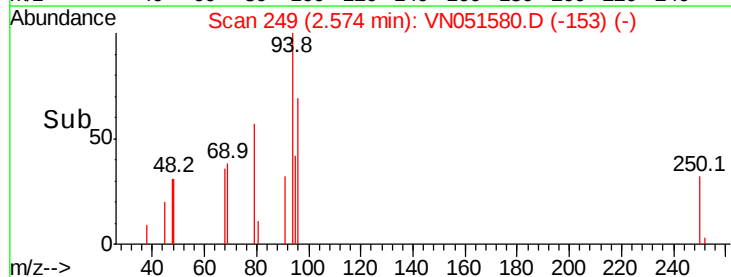
600

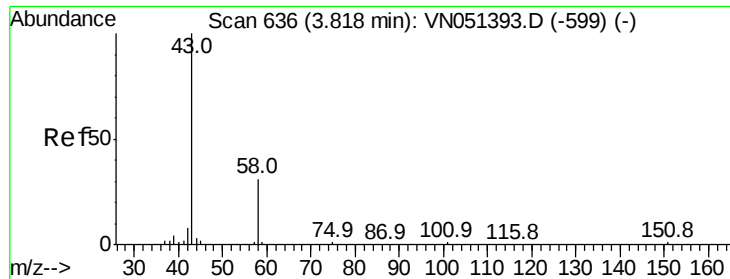
400

200

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

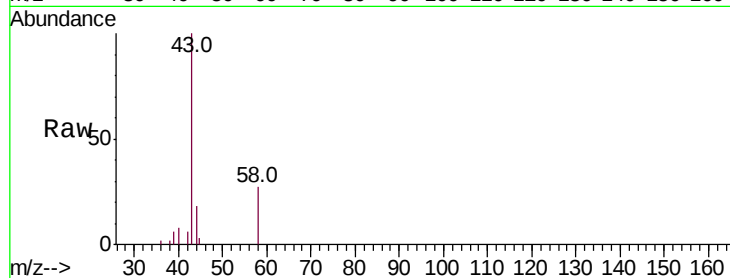
CL-02-092518-B

Tot Ion: 43 Resp: 20674

Ion Ratio Lower Upper

43 100

58 27.2 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

8000

6000

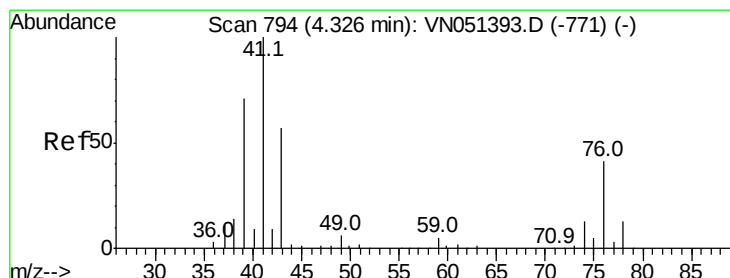
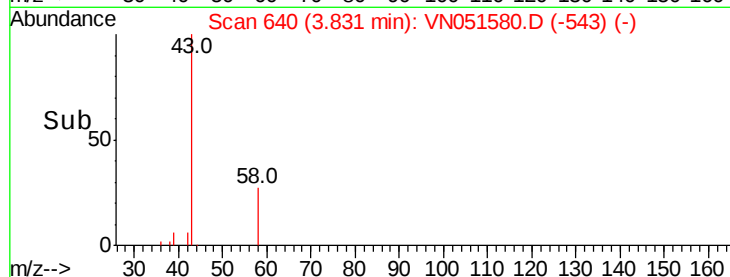
4000

2000

0

3.75 3.80 3.85 3.90

Time-->



#18

Methyl Acetate

Concen: 2.827 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051580.D

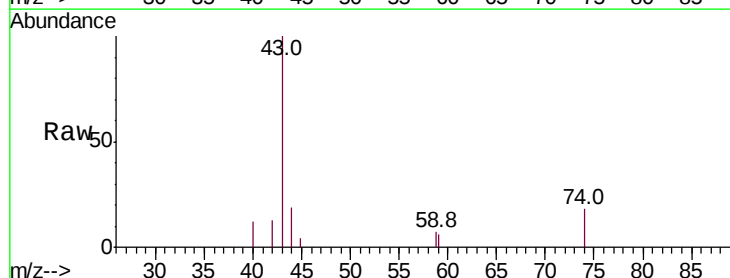
Acq: 27 Sep 2018 13:28

Tgt Ion: 43 Resp: 17061

Ion Ratio Lower Upper

43 100

74 19.7 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

6000

5000

4000

3000

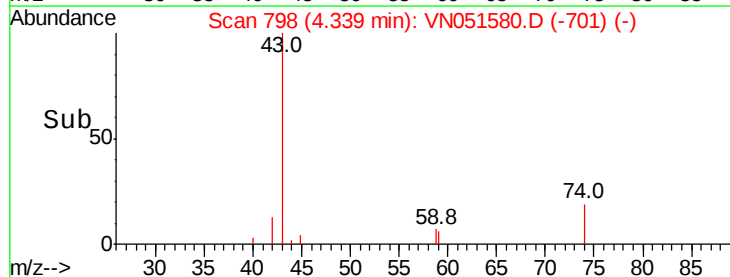
2000

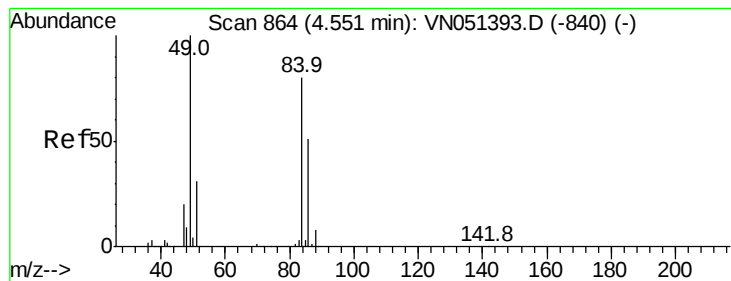
1000

0

4.25 4.30 4.35 4.40

Time-->





#20

Methylene Chloride

Concen: 8.628 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

CL-02-092518-B

Tot Ion: 84 Resp: 67651

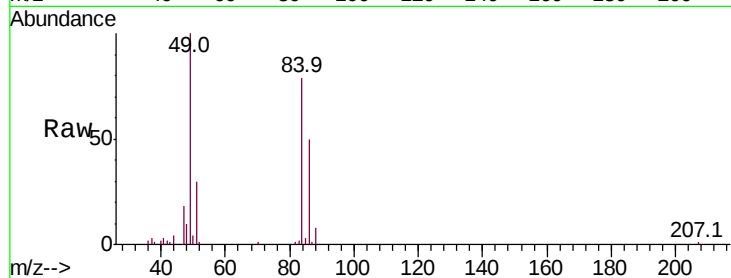
Ion Ratio Lower Upper

84 100

49 125.9 99.9 149.9

51 38.2 31.4 47.2

86 63.9 50.9 76.3

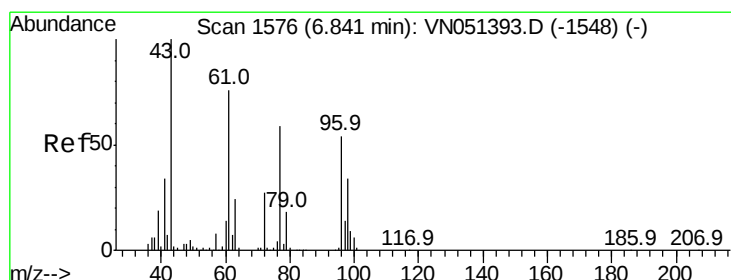
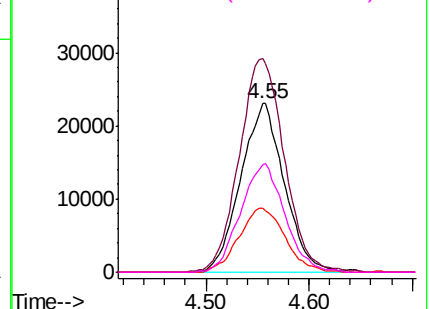
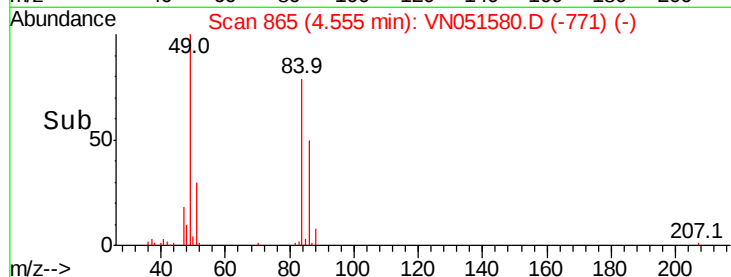


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.794 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN051580.D

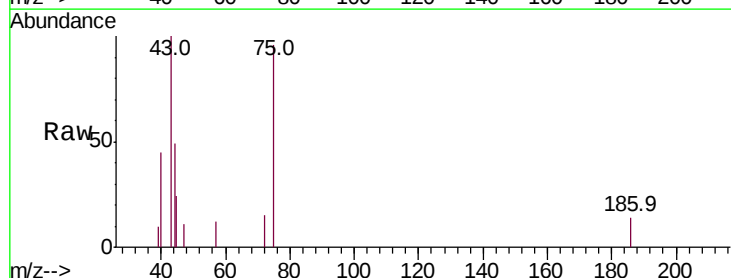
Acq: 27 Sep 2018 13:28

Tgt Ion: 43 Resp: 2154

Ion Ratio Lower Upper

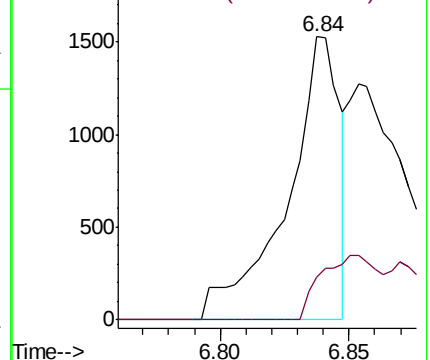
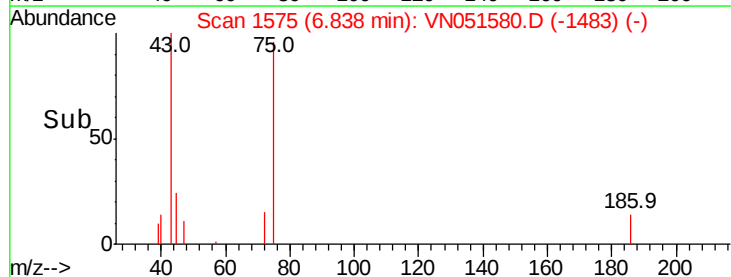
43 100

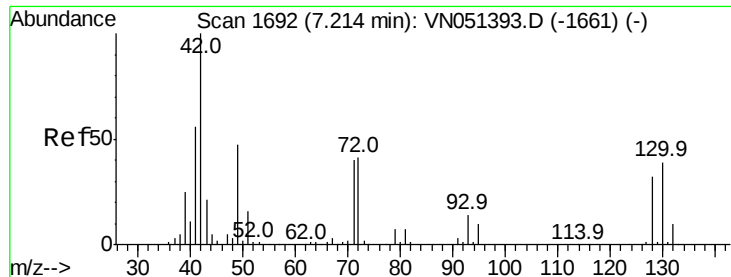
72 15.3 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.349 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

CL-02-092518-B

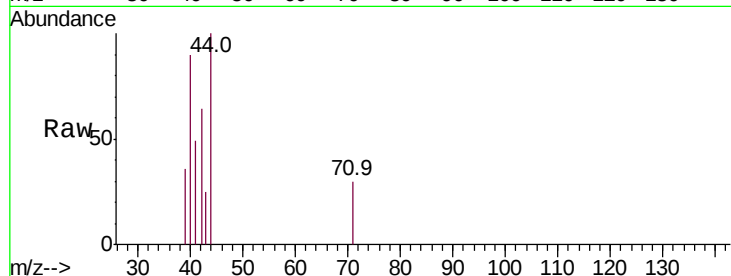
Tot Ion: 42 Resp: 599

Ion Ratio Lower Upper

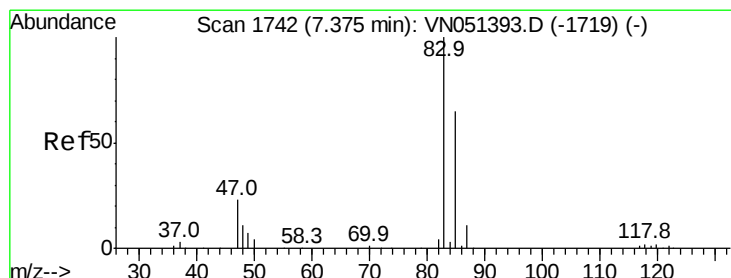
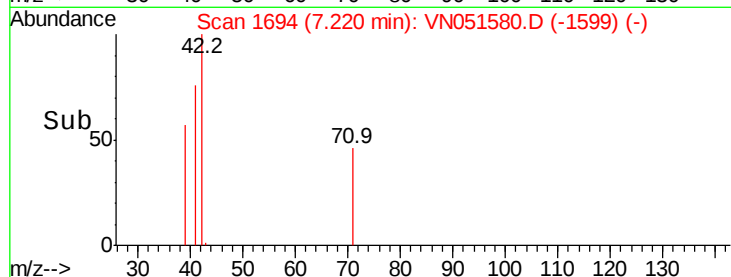
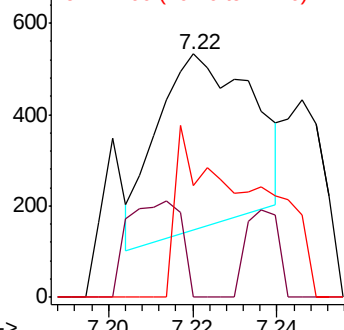
42 100

72 30.9 34.3 51.5#

71 80.0 32.2 48.4#



Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO



#30

Chloroform

Concen: 0.407 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051580.D

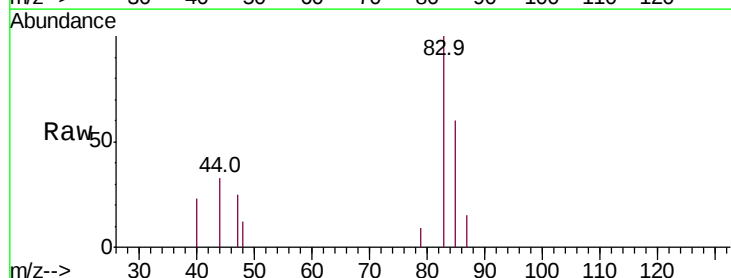
Acq: 27 Sep 2018 13:28

Tgt Ion: 83 Resp: 5491

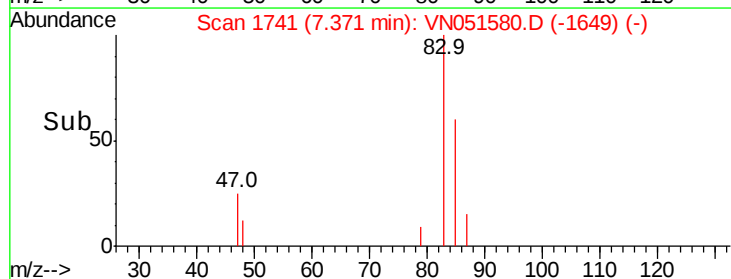
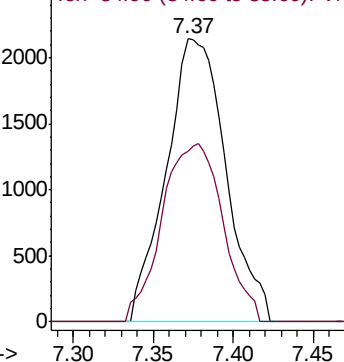
Ion Ratio Lower Upper

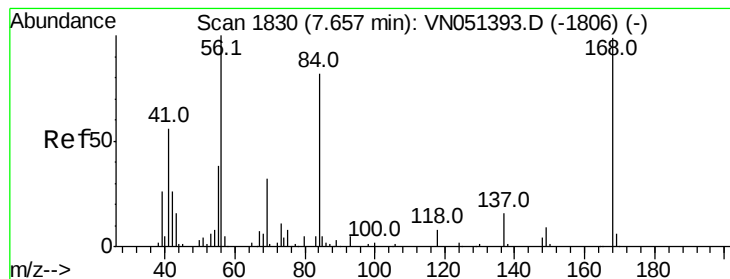
83 100

85 60.4 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO





#31

Cyclohexane

Concen: 1.004 ug/l

RT: 7.67 min Scan# 1835

Delta R.T. 0.02 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

Instrument :

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ClientSampleId :

CL-02-092518-B

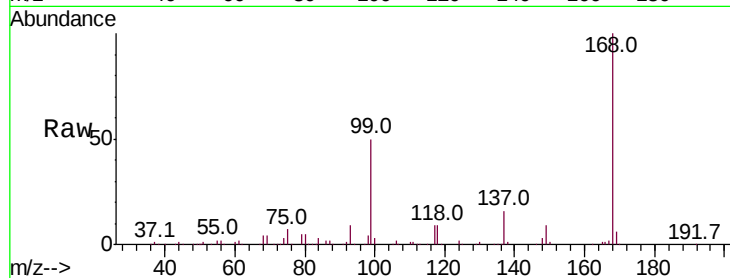
Tot Ion: 56 Resp: 12524

Ion Ratio Lower Upper

56 100

69 169.9 25.8 38.6#

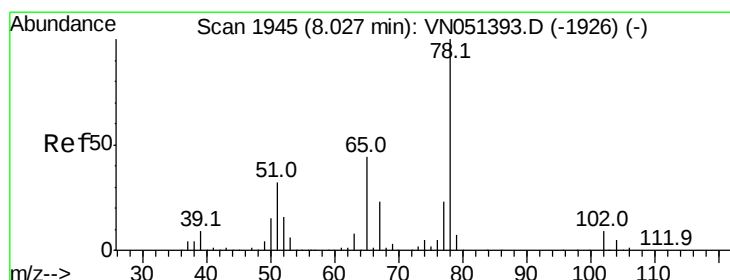
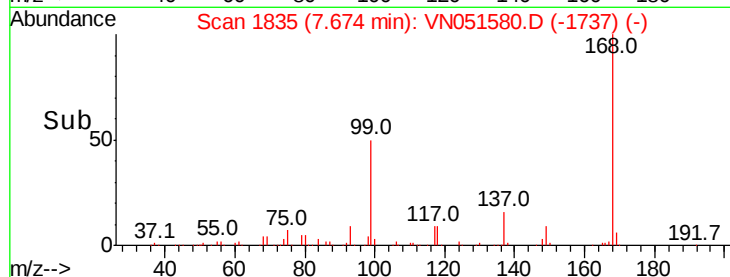
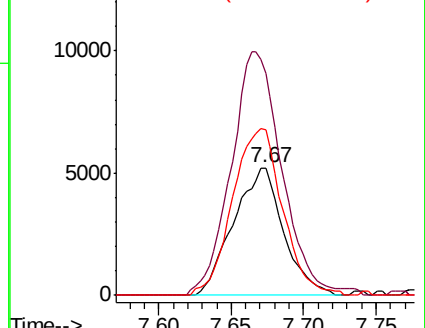
84 130.5 66.0 99.0#



Abundance Ion 56.00 (55.70 to 56.70): VN051393.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN051393.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN051393.D (-1806) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.673 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051580.D

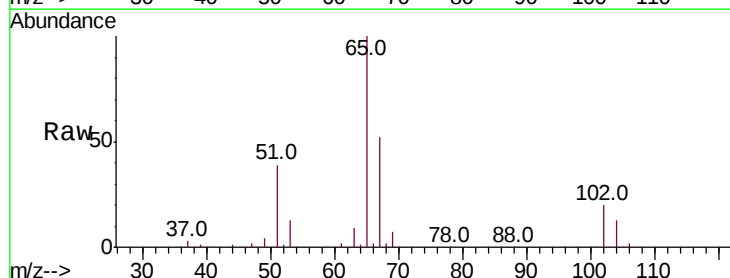
Acq: 27 Sep 2018 13:28

Tgt Ion: 65 Resp: 456990

Ion Ratio Lower Upper

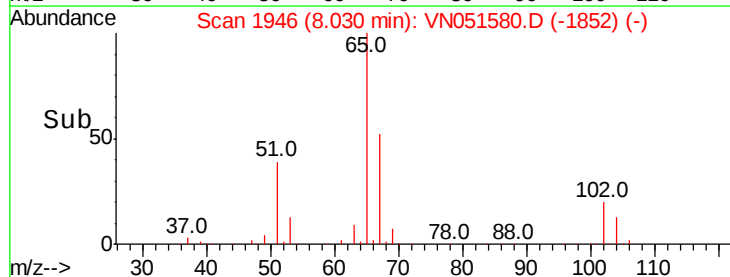
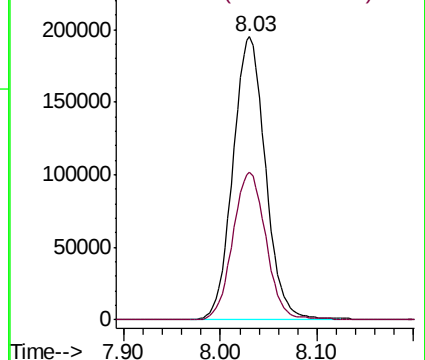
65 100

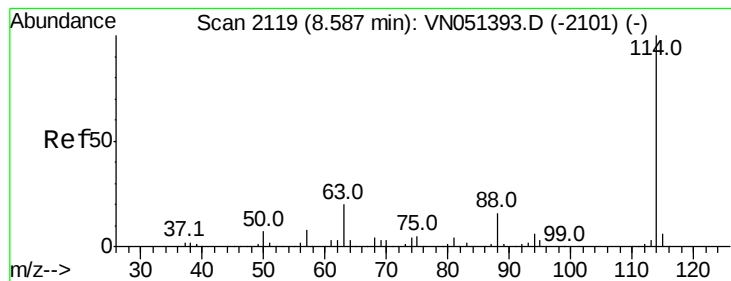
67 53.2 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VN051393.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051393.D (-1926) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

Instrument :

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ClientSampleId :

CL-02-092518-B

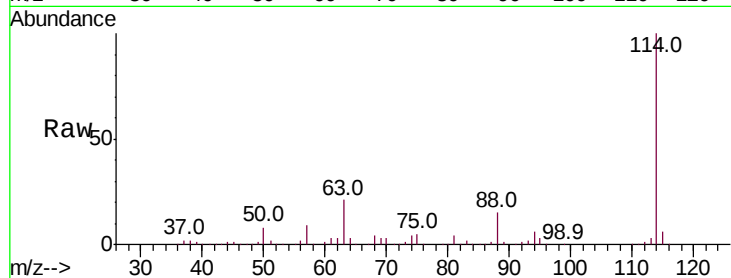
Tot Ion:114 Resp: 1032947

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

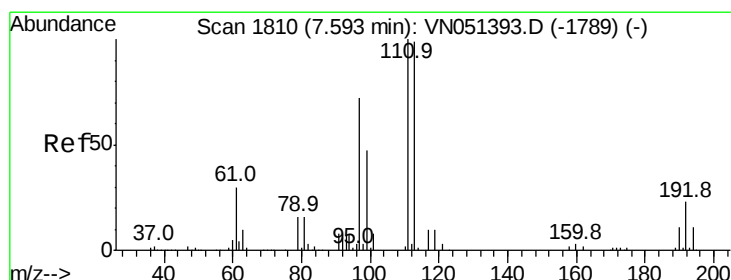
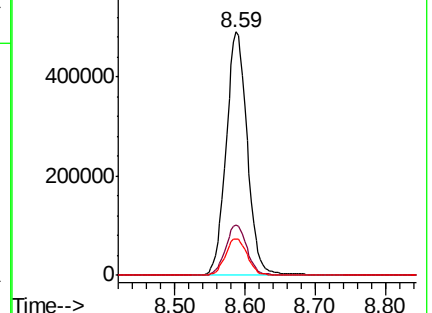
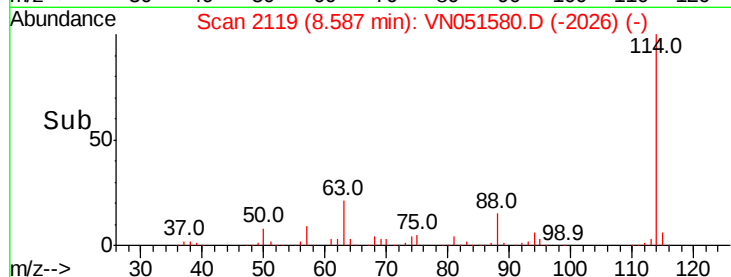
88 15.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.379 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

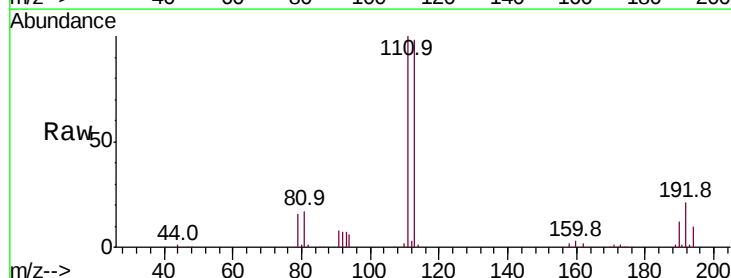
Tgt Ion:113 Resp: 399610

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

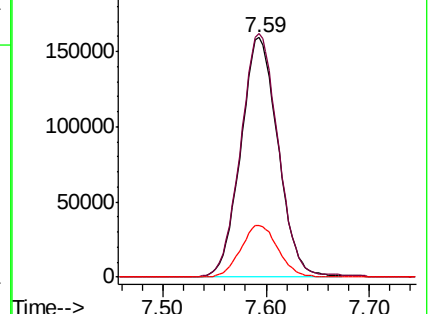
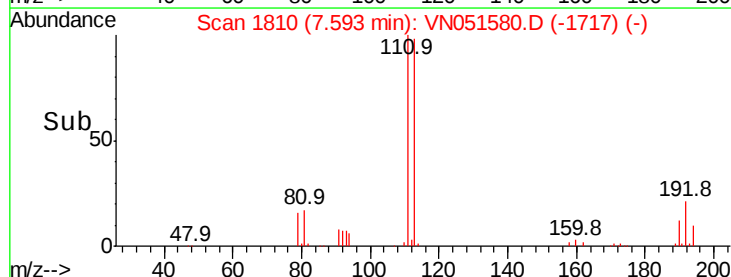
192 21.6 18.0 27.0

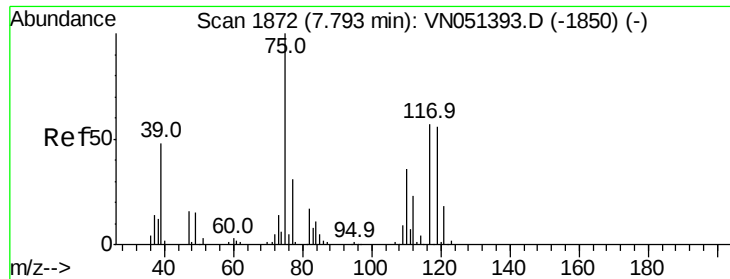


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

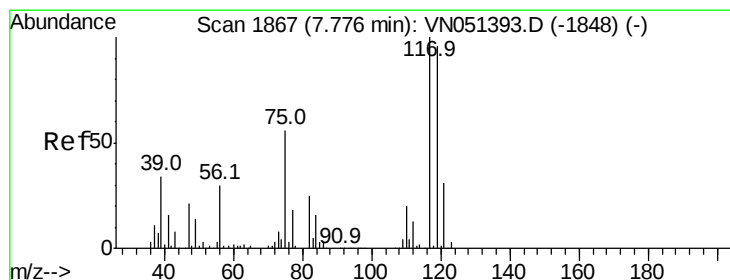
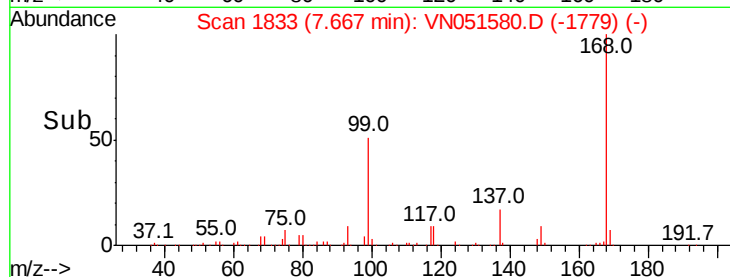
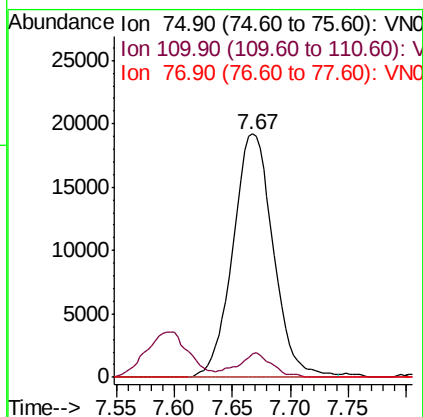
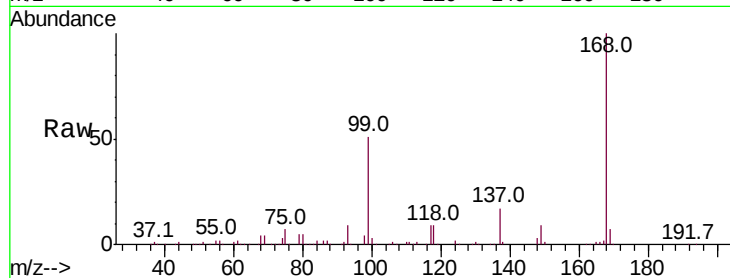




#36
 1,1-Dichloropropene
 Concen: 3.884 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051580.D
 Acq: 27 Sep 2018 13:28

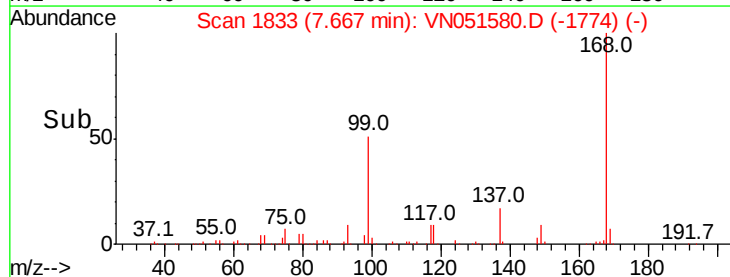
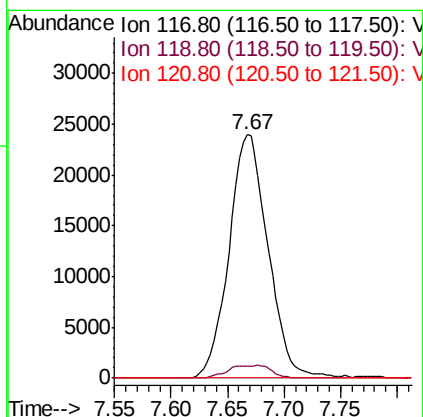
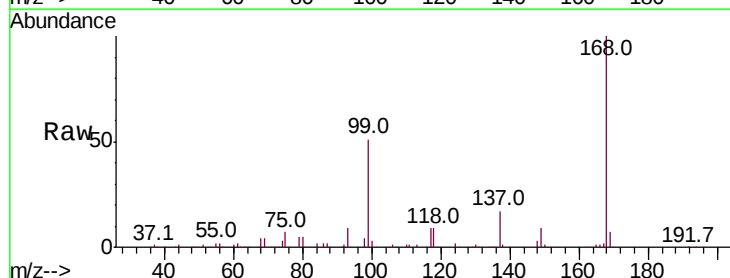
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-092518-B

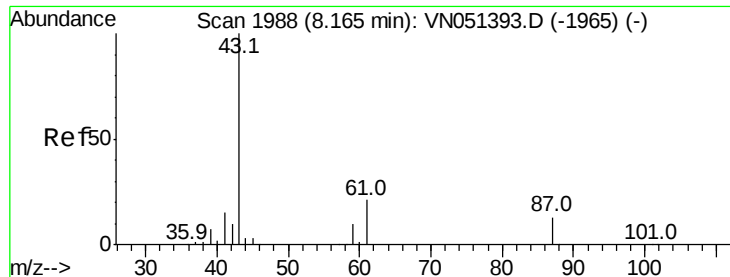
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.3#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 4.593 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051580.D
 Acq: 27 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.9	115.3#
121	0.0	24.6	37.0#





#43

Isopropyl Acetate

Concen: 25.822 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

CL-02-092518-B

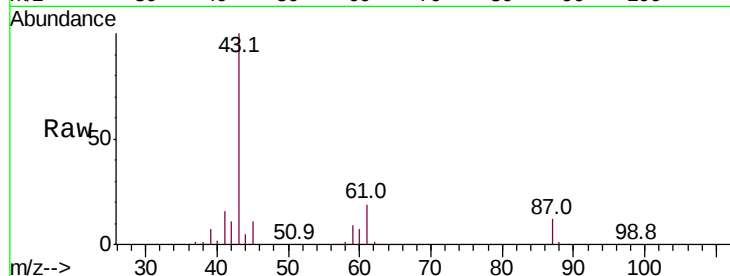
Tot Ion: 43 Resp: 321140

Ion Ratio Lower Upper

43 100

61 16.4 16.8 25.2#

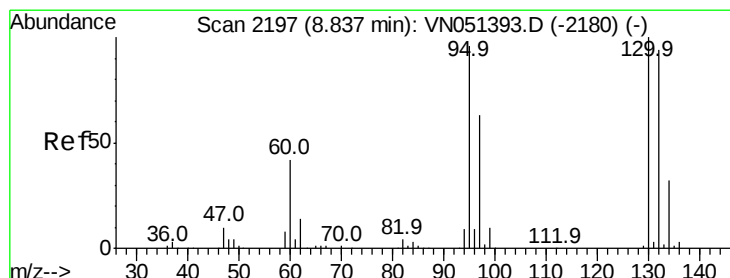
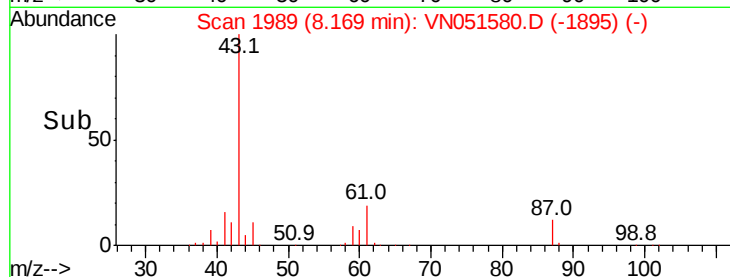
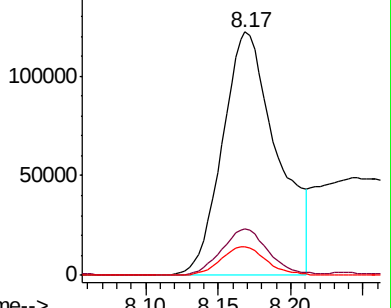
87 9.9 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)



#44

Trichloroethene

Concen: 0.369 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.01 min

Lab File: VN051580.D

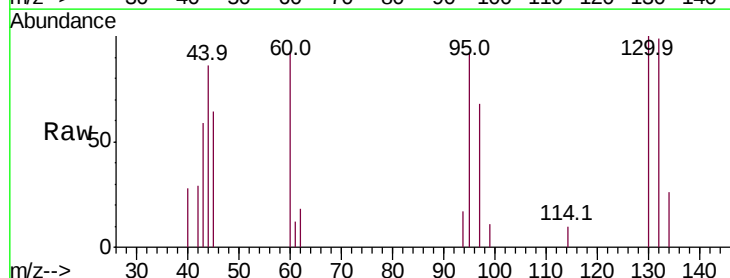
Acq: 27 Sep 2018 13:28

Tgt Ion:130 Resp: 3442

Ion Ratio Lower Upper

130 100

95 92.1 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VN051393.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN051393.D (-2180) (-)

Ion 114.10 (113.80 to 114.40): VN051393.D (-2180) (-)

Ion 130.00 (129.70 to 130.30): VN051393.D (-2180) (-)

Ion 147.00 (146.70 to 147.30): VN051393.D (-2180) (-)

Ion 162.00 (161.70 to 162.30): VN051393.D (-2180) (-)

Ion 177.00 (176.70 to 177.30): VN051393.D (-2180) (-)

Ion 192.00 (191.70 to 192.30): VN051393.D (-2180) (-)

Ion 207.00 (206.70 to 207.30): VN051393.D (-2180) (-)

Ion 222.00 (221.70 to 222.30): VN051393.D (-2180) (-)

Ion 237.00 (236.70 to 237.30): VN051393.D (-2180) (-)

Ion 252.00 (251.70 to 252.30): VN051393.D (-2180) (-)

Ion 267.00 (266.70 to 267.30): VN051393.D (-2180) (-)

Ion 282.00 (281.70 to 282.30): VN051393.D (-2180) (-)

Ion 297.00 (296.70 to 297.30): VN051393.D (-2180) (-)

Ion 312.00 (311.70 to 312.30): VN051393.D (-2180) (-)

Ion 327.00 (326.70 to 327.30): VN051393.D (-2180) (-)

Ion 342.00 (341.70 to 342.30): VN051393.D (-2180) (-)

Ion 357.00 (356.70 to 357.30): VN051393.D (-2180) (-)

Ion 372.00 (371.70 to 372.30): VN051393.D (-2180) (-)

Ion 387.00 (386.70 to 387.30): VN051393.D (-2180) (-)

Ion 402.00 (401.70 to 402.30): VN051393.D (-2180) (-)

Ion 417.00 (416.70 to 417.30): VN051393.D (-2180) (-)

Ion 432.00 (431.70 to 432.30): VN051393.D (-2180) (-)

Ion 447.00 (446.70 to 447.30): VN051393.D (-2180) (-)

Ion 462.00 (461.70 to 462.30): VN051393.D (-2180) (-)

Ion 477.00 (476.70 to 477.30): VN051393.D (-2180) (-)

Ion 492.00 (491.70 to 492.30): VN051393.D (-2180) (-)

Ion 507.00 (506.70 to 507.30): VN051393.D (-2180) (-)

Ion 522.00 (521.70 to 522.30): VN051393.D (-2180) (-)

Ion 537.00 (536.70 to 537.30): VN051393.D (-2180) (-)

Ion 552.00 (551.70 to 552.30): VN051393.D (-2180) (-)

Ion 567.00 (566.70 to 567.30): VN051393.D (-2180) (-)

Ion 582.00 (581.70 to 582.30): VN051393.D (-2180) (-)

Ion 597.00 (596.70 to 597.30): VN051393.D (-2180) (-)

Ion 612.00 (611.70 to 612.30): VN051393.D (-2180) (-)

Ion 627.00 (626.70 to 627.30): VN051393.D (-2180) (-)

Ion 642.00 (641.70 to 642.30): VN051393.D (-2180) (-)

Ion 657.00 (656.70 to 657.30): VN051393.D (-2180) (-)

Ion 672.00 (671.70 to 672.30): VN051393.D (-2180) (-)

Ion 687.00 (686.70 to 687.30): VN051393.D (-2180) (-)

Ion 702.00 (701.70 to 702.30): VN051393.D (-2180) (-)

Ion 717.00 (716.70 to 717.30): VN051393.D (-2180) (-)

Ion 732.00 (731.70 to 732.30): VN051393.D (-2180) (-)

Ion 747.00 (746.70 to 747.30): VN051393.D (-2180) (-)

Ion 762.00 (761.70 to 762.30): VN051393.D (-2180) (-)

Ion 777.00 (776.70 to 777.30): VN051393.D (-2180) (-)

Ion 792.00 (791.70 to 792.30): VN051393.D (-2180) (-)

Ion 807.00 (806.70 to 807.30): VN051393.D (-2180) (-)

Ion 822.00 (821.70 to 822.30): VN051393.D (-2180) (-)

Ion 837.00 (836.70 to 837.30): VN051393.D (-2180) (-)

Ion 852.00 (851.70 to 852.30): VN051393.D (-2180) (-)

Ion 867.00 (866.70 to 867.30): VN051393.D (-2180) (-)

Ion 882.00 (881.70 to 882.30): VN051393.D (-2180) (-)

Ion 897.00 (896.70 to 897.30): VN051393.D (-2180) (-)

Ion 912.00 (911.70 to 912.30): VN051393.D (-2180) (-)

Ion 927.00 (926.70 to 927.30): VN051393.D (-2180) (-)

Ion 942.00 (941.70 to 942.30): VN051393.D (-2180) (-)

Ion 957.00 (956.70 to 957.30): VN051393.D (-2180) (-)

Ion 972.00 (971.70 to 972.30): VN051393.D (-2180) (-)

Ion 987.00 (986.70 to 987.30): VN051393.D (-2180) (-)

Ion 1002.00 (1001.70 to 1002.30): VN051393.D (-2180) (-)

Ion 1017.00 (1016.70 to 1017.30): VN051393.D (-2180) (-)

Ion 1032.00 (1031.70 to 1032.30): VN051393.D (-2180) (-)

Ion 1047.00 (1046.70 to 1047.30): VN051393.D (-2180) (-)

Ion 1062.00 (1061.70 to 1062.30): VN051393.D (-2180) (-)

Ion 1077.00 (1076.70 to 1077.30): VN051393.D (-2180) (-)

Ion 1092.00 (1091.70 to 1092.30): VN051393.D (-2180) (-)

Ion 1107.00 (1106.70 to 1107.30): VN051393.D (-2180) (-)

Ion 1122.00 (1121.70 to 1122.30): VN051393.D (-2180) (-)

Ion 1137.00 (1136.70 to 1137.30): VN051393.D (-2180) (-)

Ion 1152.00 (1151.70 to 1152.30): VN051393.D (-2180) (-)

Ion 1167.00 (1166.70 to 1167.30): VN051393.D (-2180) (-)

Ion 1182.00 (1181.70 to 1182.30): VN051393.D (-2180) (-)

Ion 1197.00 (1196.70 to 1197.30): VN051393.D (-2180) (-)

Ion 1212.00 (1211.70 to 1212.30): VN051393.D (-2180) (-)

Ion 1227.00 (1226.70 to 1227.30): VN051393.D (-2180) (-)

Ion 1242.00 (1241.70 to 1242.30): VN051393.D (-2180) (-)

Ion 1257.00 (1256.70 to 1257.30): VN051393.D (-2180) (-)

Ion 1272.00 (1271.70 to 1272.30): VN051393.D (-2180) (-)

Ion 1287.00 (1286.70 to 1287.30): VN051393.D (-2180) (-)

Ion 1302.00 (1301.70 to 1302.30): VN051393.D (-2180) (-)

Ion 1317.00 (1316.70 to 1317.30): VN051393.D (-2180) (-)

Ion 1332.00 (1331.70 to 1332.30): VN051393.D (-2180) (-)

Ion 1347.00 (1346.70 to 1347.30): VN051393.D (-2180) (-)

Ion 1362.00 (1361.70 to 1362.30): VN051393.D (-2180) (-)

Ion 1377.00 (1376.70 to 1377.30): VN051393.D (-2180) (-)

Ion 1392.00 (1391.70 to 1392.30): VN051393.D (-2180) (-)

Ion 1407.00 (1406.70 to 1407.30): VN051393.D (-2180) (-)

Ion 1422.00 (1421.70 to 1422.30): VN051393.D (-2180) (-)

Ion 1437.00 (1436.70 to 1437.30): VN051393.D (-2180) (-)

Ion 1452.00 (1451.70 to 1452.30): VN051393.D (-2180) (-)

Ion 1467.00 (1466.70 to 1467.30): VN051393.D (-2180) (-)

Ion 1482.00 (1481.70 to 1482.30): VN051393.D (-2180) (-)

Ion 1497.00 (1496.70 to 1497.30): VN051393.D (-2180) (-)

Ion 1512.00 (1511.70 to 1512.30): VN051393.D (-2180) (-)

Ion 1527.00 (1526.70 to 1527.30): VN051393.D (-2180) (-)

Ion 1542.00 (1541.70 to 1542.30): VN051393.D (-2180) (-)

Ion 1557.00 (1556.70 to 1557.30): VN051393.D (-2180) (-)

Ion 1572.00 (1571.70 to 1572.30): VN051393.D (-2180) (-)

Ion 1587.00 (1586.70 to 1587.30): VN051393.D (-2180) (-)

Ion 1602.00 (1601.70 to 1602.30): VN051393.D (-2180) (-)

Ion 1617.00 (1616.70 to 1617.30): VN051393.D (-2180) (-)

Ion 1632.00 (1631.70 to 1632.30): VN051393.D (-2180) (-)

Ion 1647.00 (1646.70 to 1647.30): VN051393.D (-2180) (-)

Ion 1662.00 (1661.70 to 1662.30): VN051393.D (-2180) (-)

Ion 1677.00 (1676.70 to 1677.30): VN051393.D (-2180) (-)

Ion 1692.00 (1691.70 to 1692.30): VN051393.D (-2180) (-)

Ion 1707.00 (1706.70 to 1707.30): VN051393.D (-2180) (-)

Ion 1722.00 (1721.70 to 1722.30): VN051393.D (-2180) (-)

Ion 1737.00 (1736.70 to 1737.30): VN051393.D (-2180) (-)

Ion 1752.00 (1751.70 to 1752.30): VN051393.D (-2180) (-)

Ion 1767.00 (1766.70 to 1767.30): VN051393.D (-2180) (-)

Ion 1782.00 (1781.70 to 1782.30): VN051393.D (-2180) (-)

Ion 1797.00 (1796.70 to 1797.30): VN051393.D (-2180) (-)

Ion 1812.00 (1811.70 to 1812.30): VN051393.D (-2180) (-)

Ion 1827.00 (1826.70 to 1827.30): VN051393.D (-2180) (-)

Ion 1842.00 (1841.70 to 1842.30): VN051393.D (-2180) (-)

Ion 1857.00 (1856.70 to 1857.30): VN051393.D (-2180) (-)

Ion 1872.00 (1871.70 to 1872.30): VN051393.D (-2180) (-)

Ion 1887.00 (1886.70 to 1887.30): VN051393.D (-2180) (-)

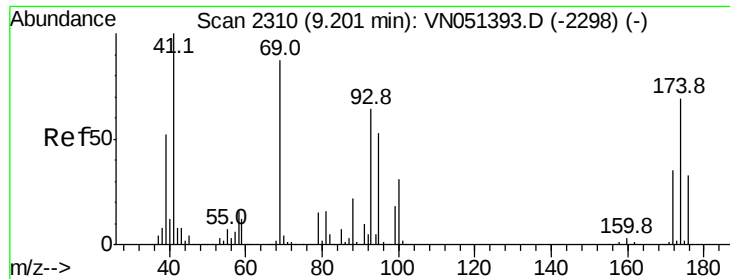
Ion 1902.00 (1901.70 to 1902.30): VN051393.D (-2180) (-)

Ion 1917.00 (1916.70 to 1917.30): VN051393.D (-2180) (-)

Ion 1932.00 (1931.70 to 1932.30): VN051393.D (-2180) (-)

Ion 1947.00 (1946.70 to 1947.30): VN051393.D (-2180) (-)

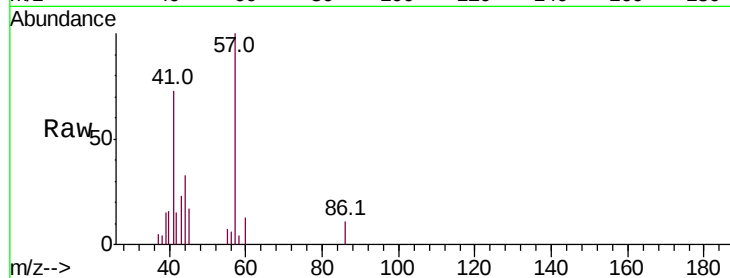
Ion 1962.00 (1961.70 to 1962.30): VN051393.D (-2180) (-)



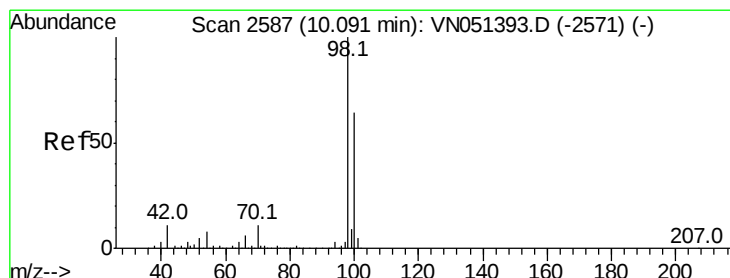
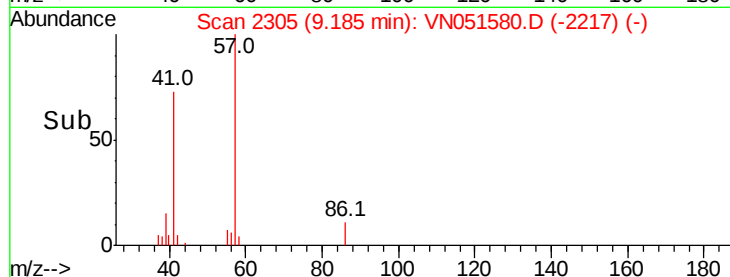
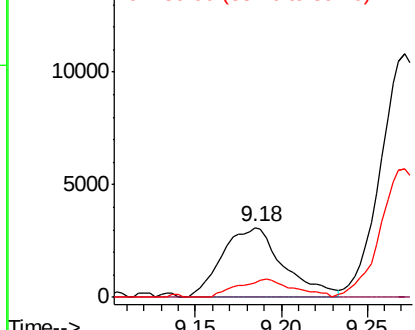
#48
Methvl methacrylate
Concen: 1.239 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN051580.D
Acq: 27 Sep 2018 13:28

Instrument :
MSVOA_N
ClientSampleId :
CL-02-092518-B

Tot Ion: 41 Resp: 7683
Ion Ratio Lower Upper
41 100
69 0.0 70.4 105.6#
39 23.5 43.8 65.8#

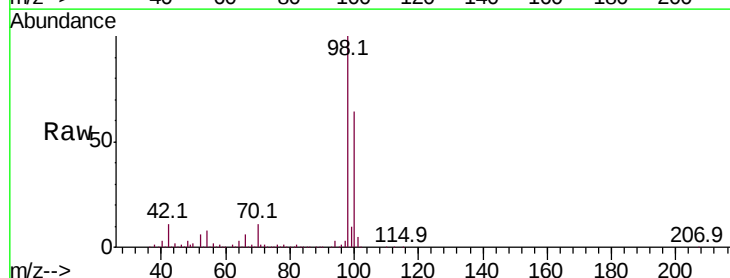


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

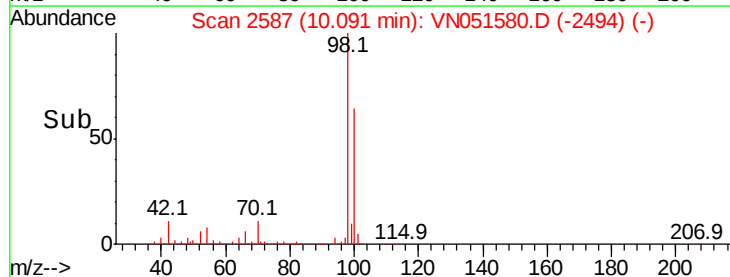
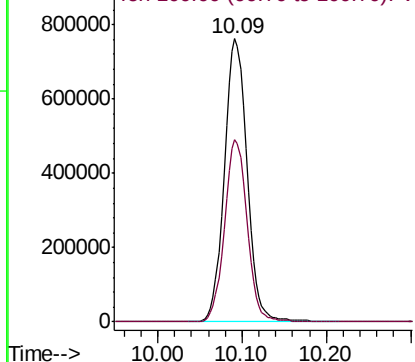


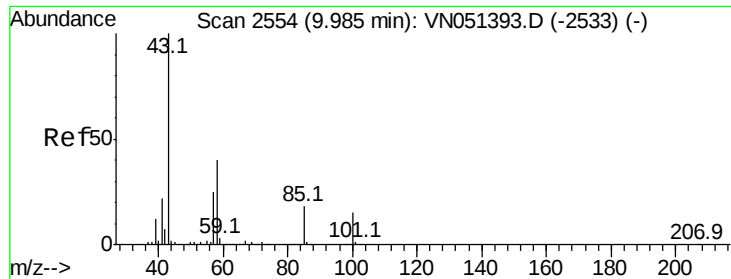
#50
Toluene-d8
Concen: 46.006 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051580.D
Acq: 27 Sep 2018 13:28

Tgt Ion: 98 Resp: 1430978
Ion Ratio Lower Upper
98 100
100 63.7 50.6 75.8



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





#51

4-Methyl-2-Pentanone

Concen: 0.232 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.01 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

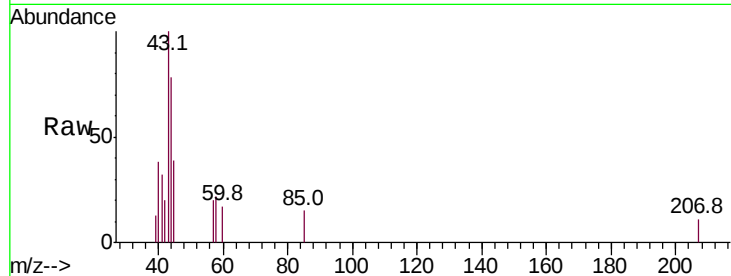
CL-02-092518-B

Tot Ion: 43 Resp: 1585

Ion Ratio Lower Upper

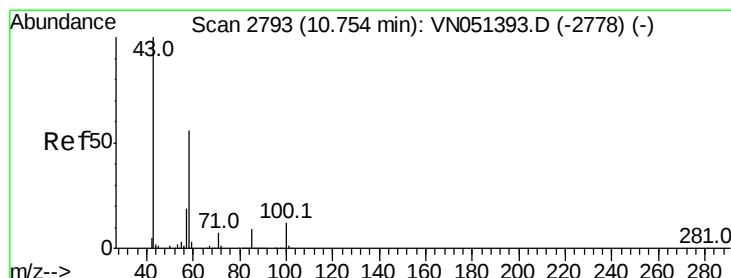
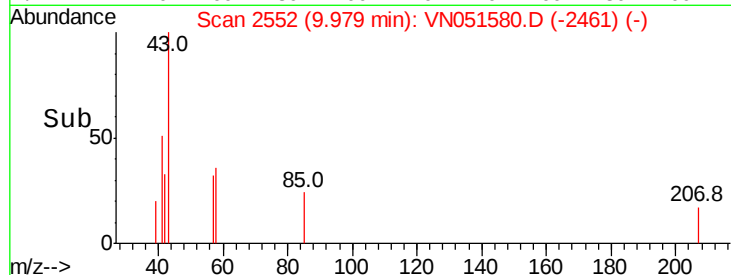
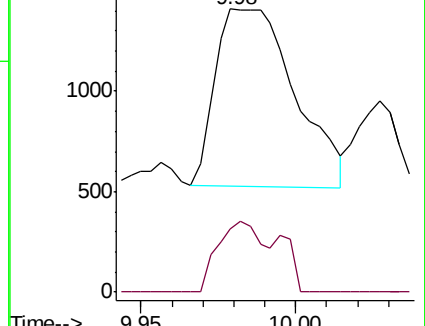
43 100

58 29.7 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN051393.D (-2533) (-)



#59

2-Hexanone

Concen: 3.173 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN051580.D

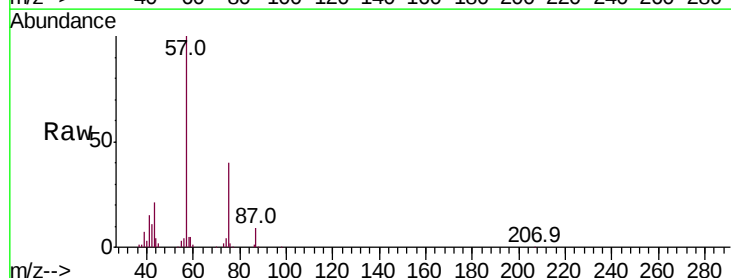
Acq: 27 Sep 2018 13:28

Tgt Ion: 43 Resp: 14067

Ion Ratio Lower Upper

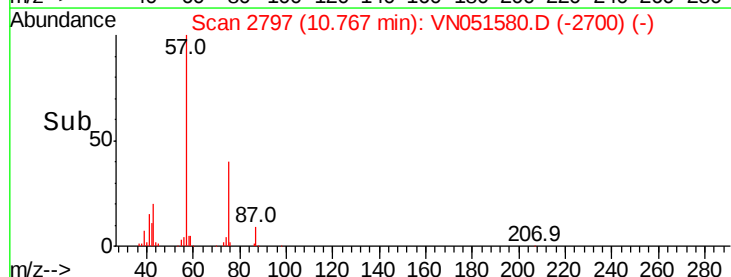
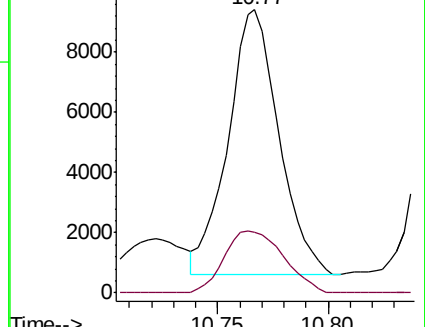
43 100

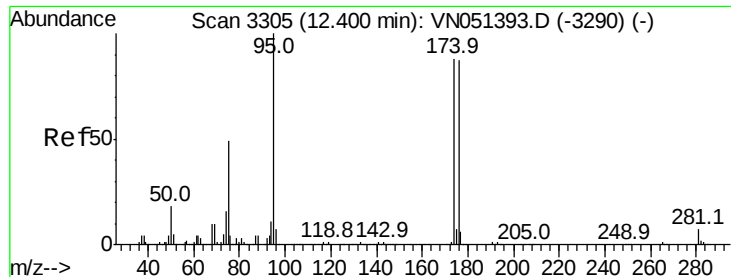
58 27.3 27.7 83.0#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-2778) (-)

Ion 58.00 (57.70 to 58.70): VN051393.D (-2778) (-)

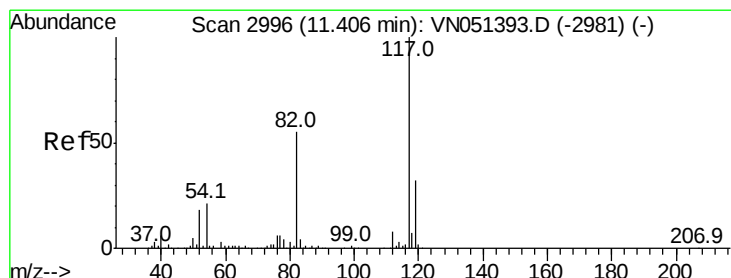
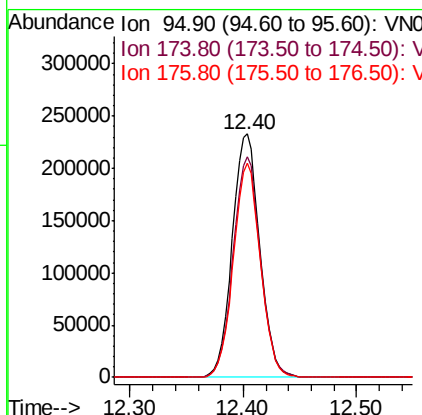
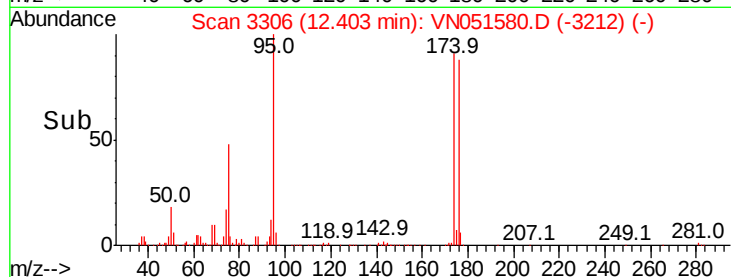
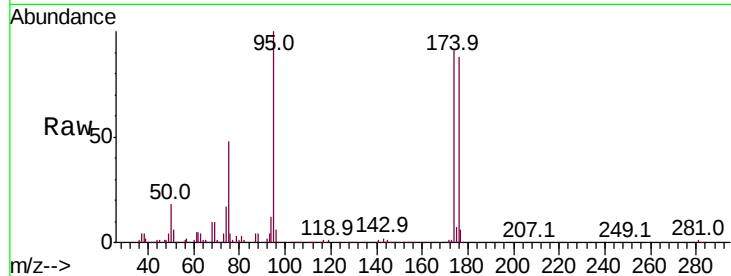




#62
4-Bromofluorobenzene
Concen: 39.137 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051580.D
Acq: 27 Sep 2018 13:28

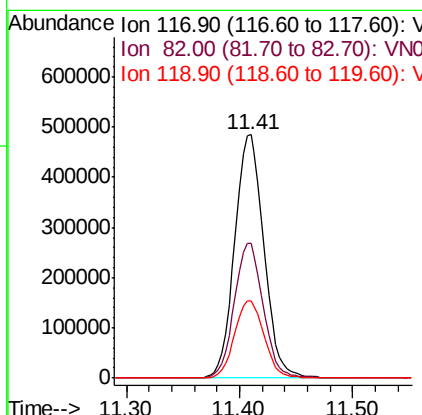
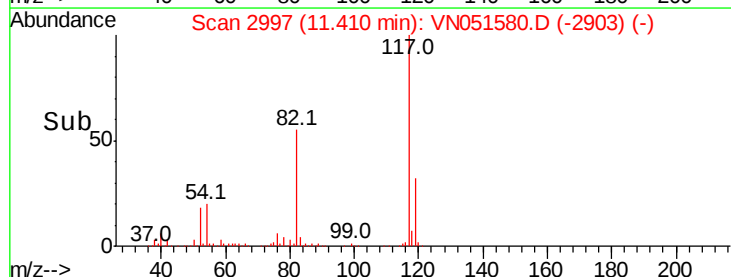
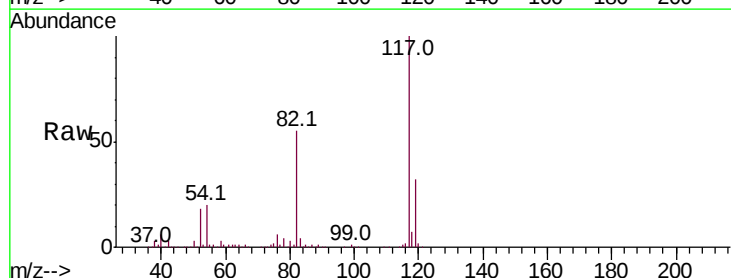
Instrument :
MSVOA_N
ClientSampleId :
CL-02-092518-B

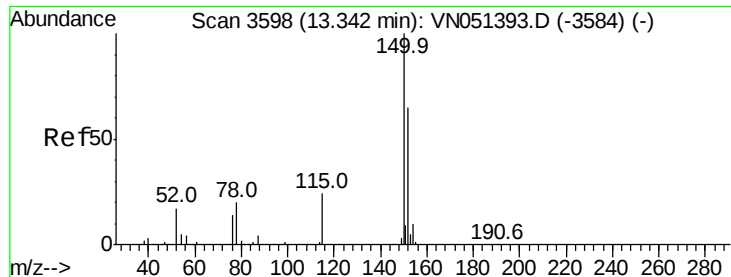
Tot Ion: 95 Resp: 393808
Ion Ratio Lower Upper
95 100
174 90.1 0.0 181.6
176 86.5 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051580.D
Acq: 27 Sep 2018 13:28

Tgt Ion: 117 Resp: 872672
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

CL-02-092518-B

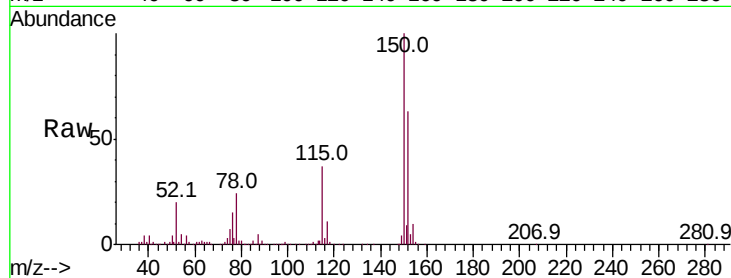
Tot Ion:152 Resp: 315276

Ion Ratio Lower Upper

152 100

115 57.4 28.3 84.9

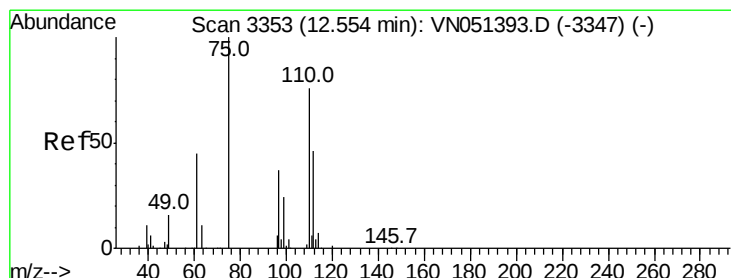
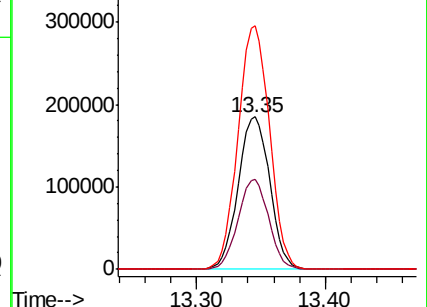
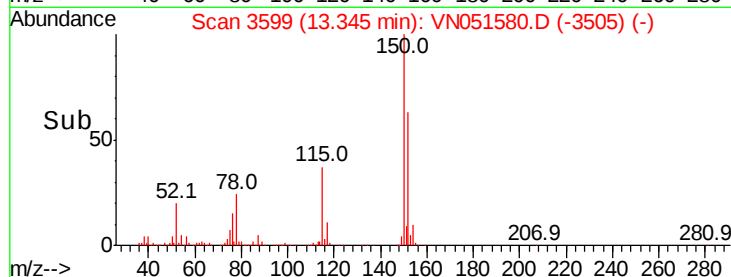
150 159.2 0.0 353.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 36.625 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051580.D

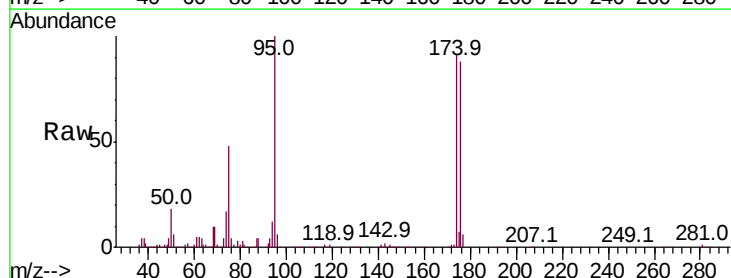
Acq: 27 Sep 2018 13:28

Tgt Ion: 75 Resp: 191687

Ion Ratio Lower Upper

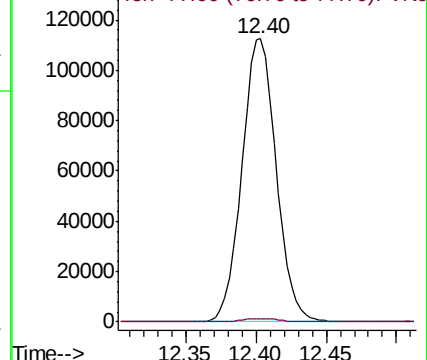
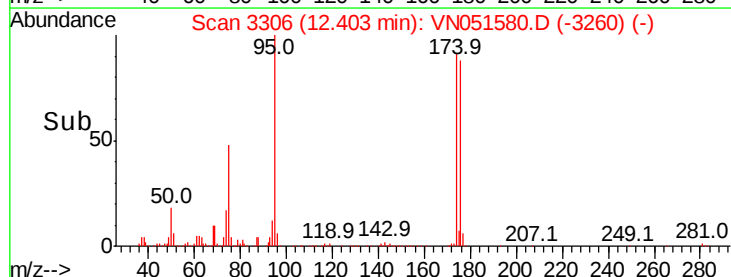
75 100

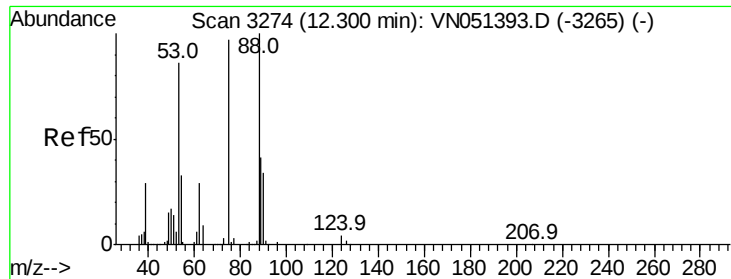
77 1.4 0.0 0.0#



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: 112.619 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

CL-02-092518-B

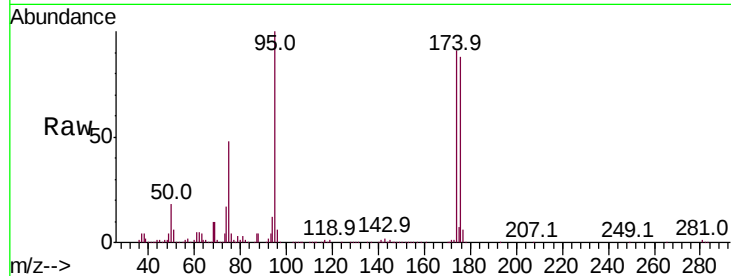
Tot Ion: 75 Resp: 191687

Ion Ratio Lower Upper

75 100

53 0.3 73.9 110.9#

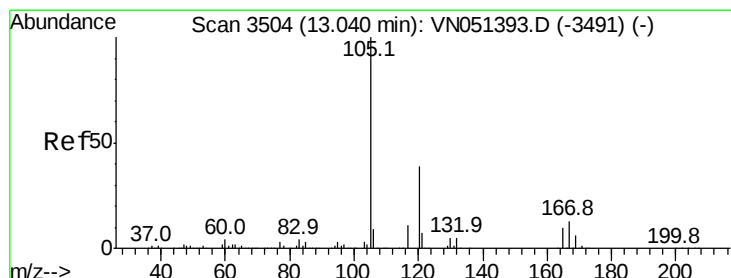
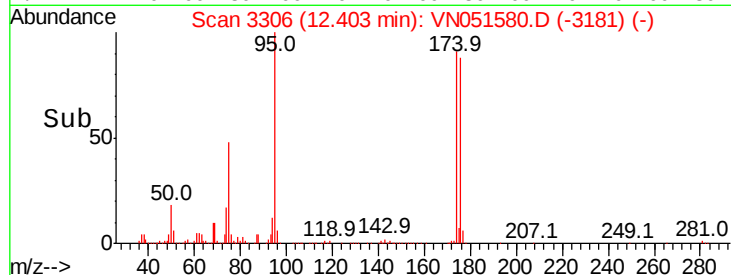
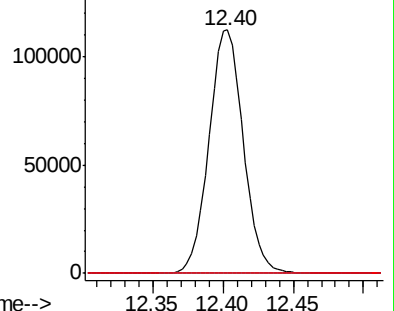
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VN051393.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN051393.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN051393.D (-3265) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.302 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051580.D

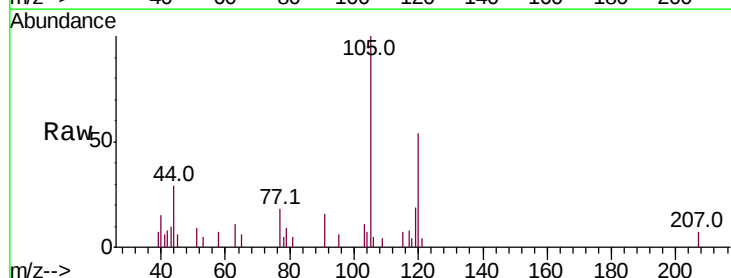
Acq: 27 Sep 2018 13:28

Tgt Ion: 105 Resp: 6597

Ion Ratio Lower Upper

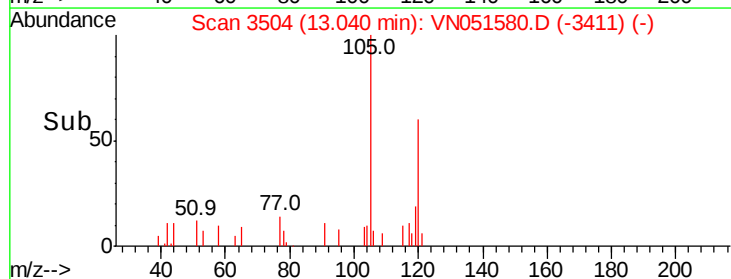
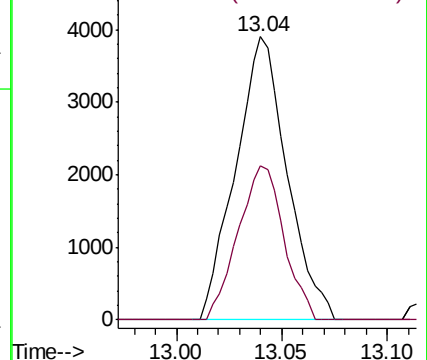
105 100

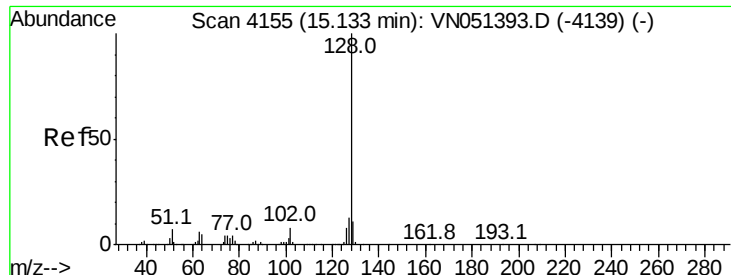
120 48.5 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): VN051393.D (-3491) (-)

Ion 120.00 (119.70 to 120.70): VN051393.D (-3491) (-)





#95

Naphthalene

Concen: 10.808 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051580.D

Acq: 27 Sep 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

CL-02-092518-B

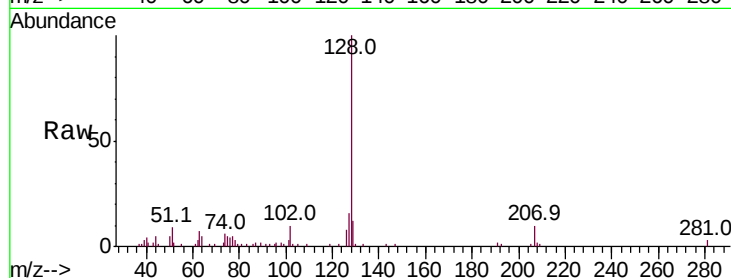
Tot Ion:128 Resp: 38609

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 11.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

