

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050932.D
 Acq On : 28 Aug 2018 23:10
 Operator : MD\SY
 Sample : J4671-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TL-SPEEDY-DRY

Quant Time: Aug 29 03:58:01 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	598859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	991381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	809678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	280594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	395886	54.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.82%	
35) Dibromofluoromethane	7.59	113	379736	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	10.09	98	1320061	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	
62) 4-Bromofluorobenzene	12.40	95	355514	36.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.56%	

Target Compounds

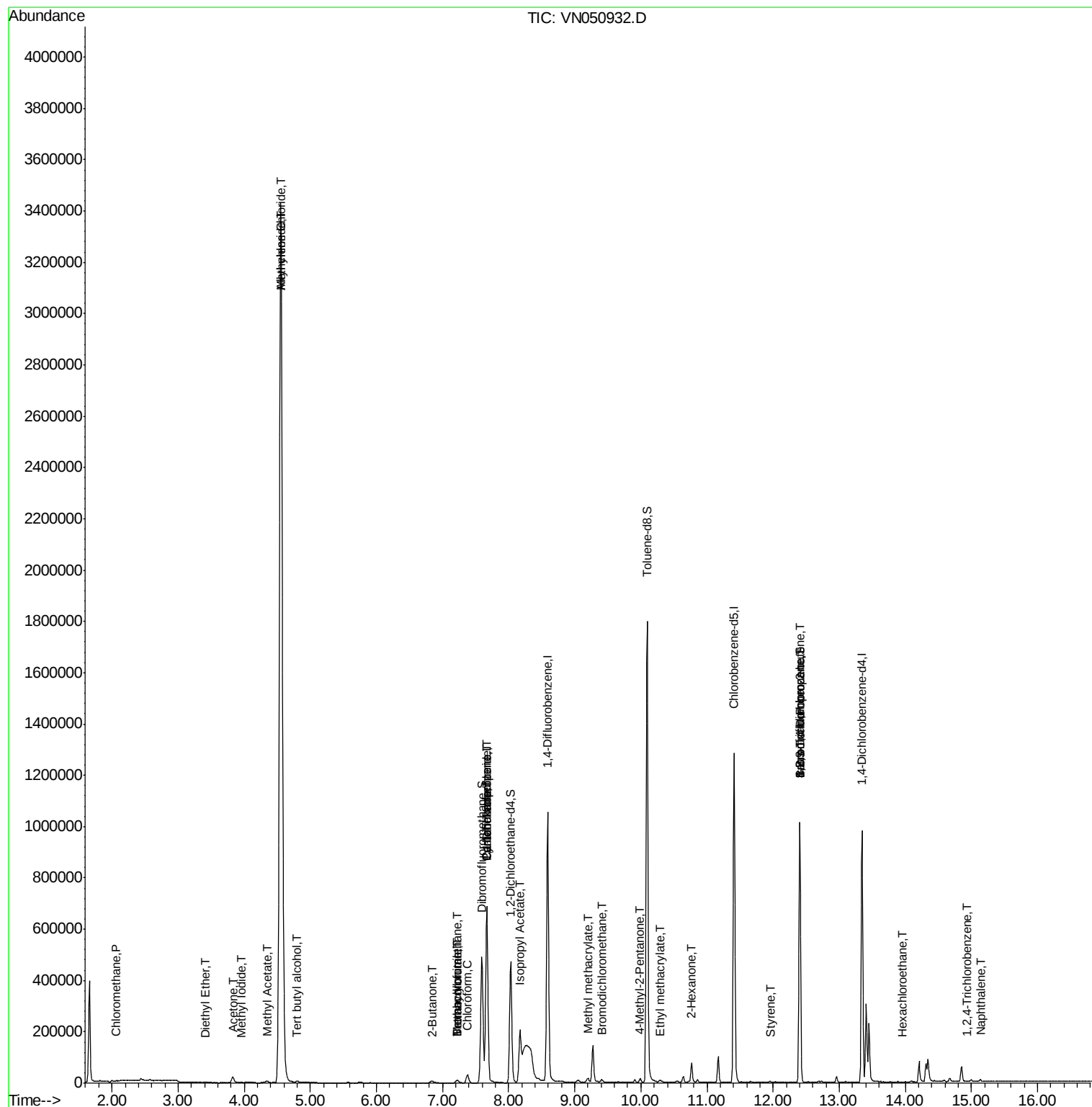
						Qvalue
3) Chloromethane	2.06	50	2162	0.22	ug/l	97
5) Bromomethane	2.57	94	2279	Below	Cal	88
8) Diethyl Ether	3.41	74	871	0.21	ug/l #	1
10) Methyl Iodide	3.96	142	549	6.41	ug/l #	57
11) Tert butyl alcohol	4.80	59	5049	11.00	ug/l #	78
14) Allyl chloride	4.55	41	98226	9.37	ug/l #	26
16) Acetone	3.83	43	37271	15.20	ug/l	95
18) Methyl Acetate	4.34	43	15150	2.23	ug/l	97
20) Methylene Chloride	4.55	84	2801003	344.72	ug/l	98
25) 2-Butanone	6.85	43	5679	1.95	ug/l #	84
28) Bromochloromethane	7.20	49	2148	0.38	ug/l #	91
29) Tetrahydrofuran	7.22	42	6838	4.11	ug/l	94
30) Chloroform	7.38	83	34649	2.61	ug/l	99
31) Cyclohexane	7.66	56	10073	1.28	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40520	3.46	ug/l #	49
38) Carbon Tetrachloride	7.67	117	54360	4.60	ug/l #	16
41) Methacrylonitrile	7.22	41	4300	1.18	ug/l #	29
43) Isopropyl Acetate	8.17	43	255617	22.12	ug/l	93
47) Bromodichloromethane	9.41	83	6545	0.57	ug/l #	89
48) Methyl methacrylate	9.19	41	10502	1.78	ug/l #	45
51) 4-Methyl-2-Pentanone	9.99	43	11086	1.61	ug/l	97
56) Ethyl methacrylate	10.28	69	187	2.37	ug/l #	1
59) 2-Hexanone	10.77	43	10863	2.37	ug/l	72
70) Styrene	11.97	104	408	1.29	ug/l #	31
71) Bromoform	12.40	173	1541	0.29	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.41	83	62	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	164183	33.41	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	164183	112.94	ug/l #	15
90) Hexachloroethane	13.95	117	202	0.24	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.92	180	59	4.09	ug/l #	74
95) Naphthalene	15.14	128	6888	5.95	ug/l #	93

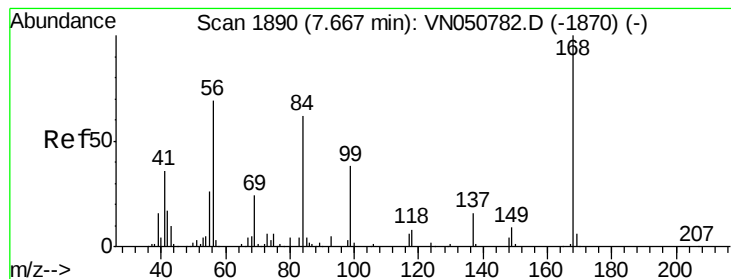
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

Instrument :

MSVOA_N

ClientSampleId :

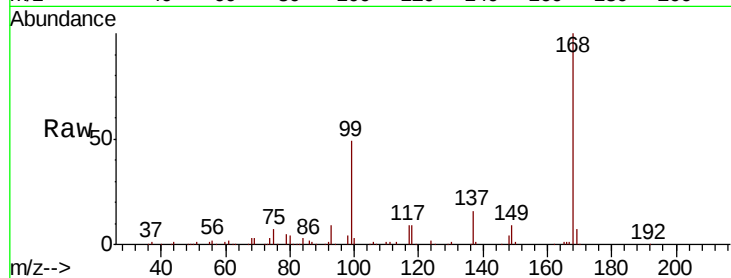
TL-SPEEDY-DRY

Tot Ion:168 Resp: 598859

Ion Ratio Lower Upper

168 100

99 48.9 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

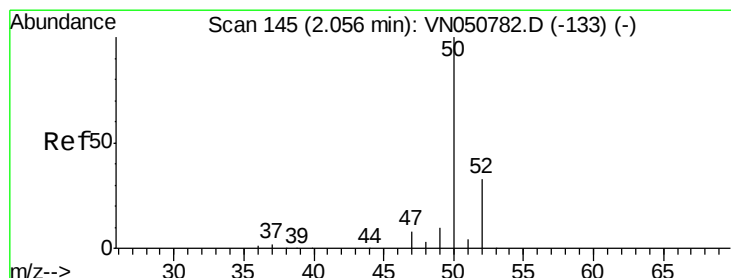
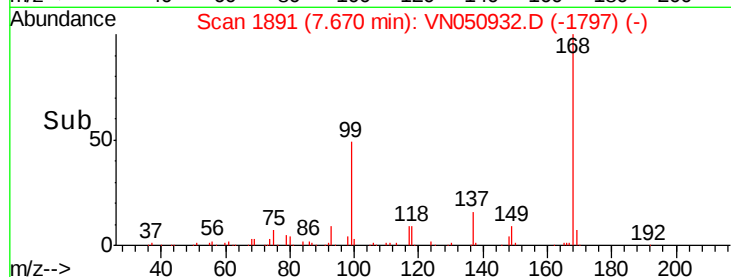
100000

50000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#3

Chloromethane

Concen: 0.22 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050932.D

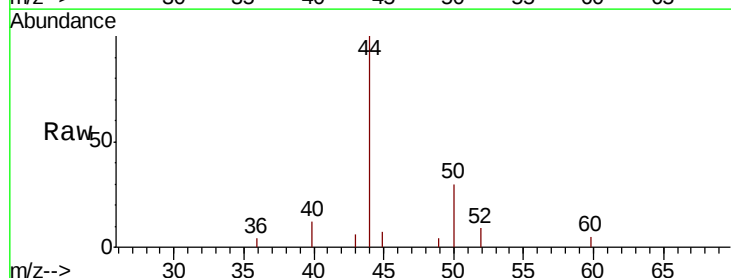
Acq: 28 Aug 2018 23:10

Tgt Ion: 50 Resp: 2162

Ion Ratio Lower Upper

50 100

52 31.3 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

1500

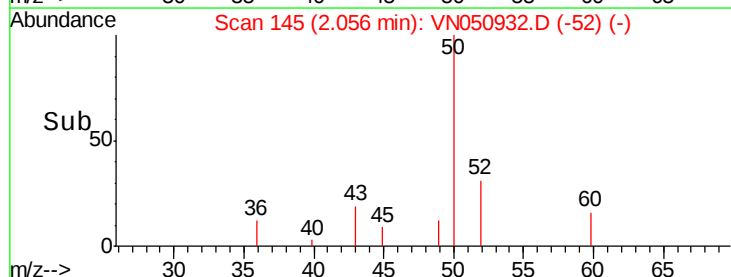
1000

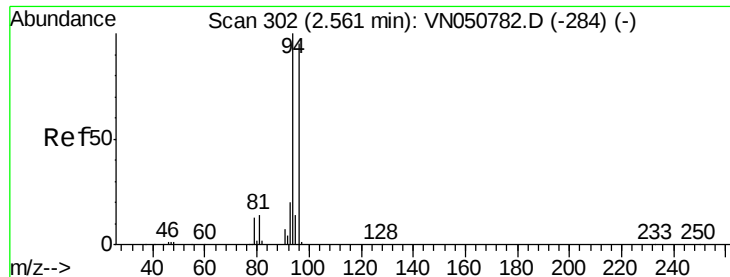
500

0

Time-->

2.05 2.10





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

Instrument :

MSVOA_N

ClientSampleId :

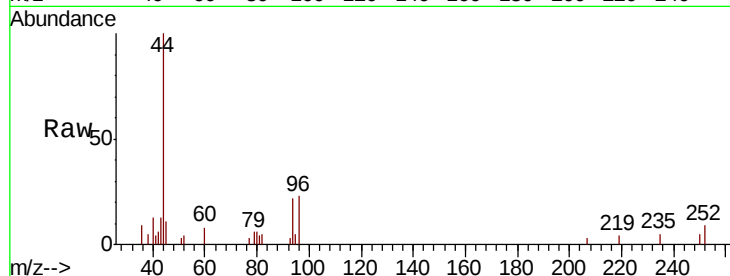
TL-SPEEDY-DRY

Tot Ion: 94 Resp: 2279

Ion Ratio Lower Upper

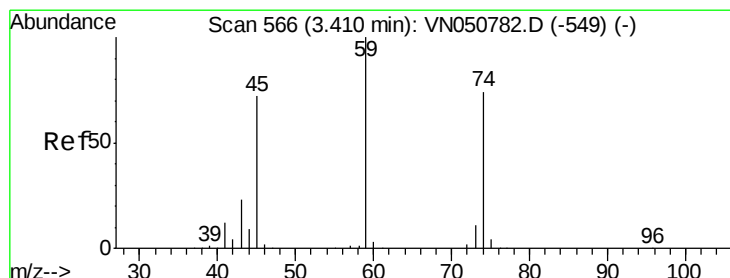
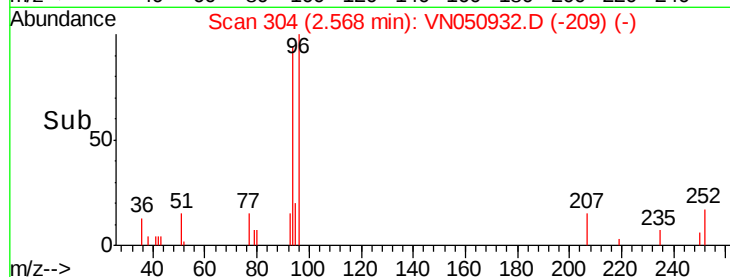
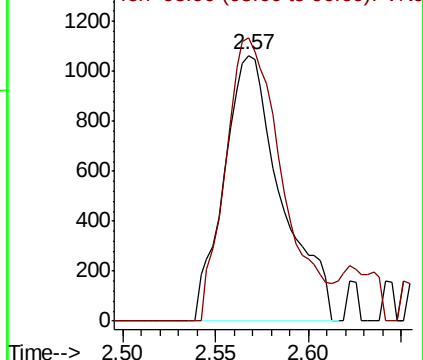
94 100

96 106.6 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: 0.21 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN050932.D

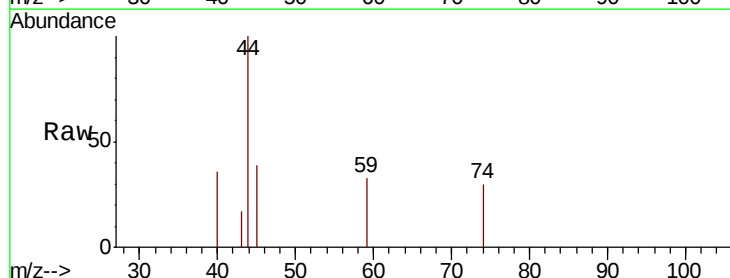
Acq: 28 Aug 2018 23:10

Tgt Ion: 74 Resp: 871

Ion Ratio Lower Upper

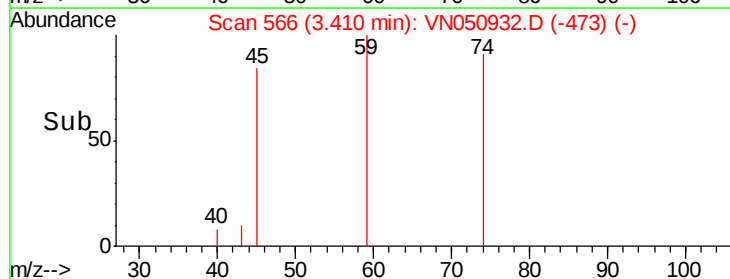
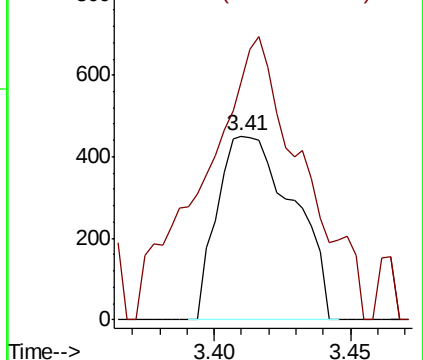
74 100

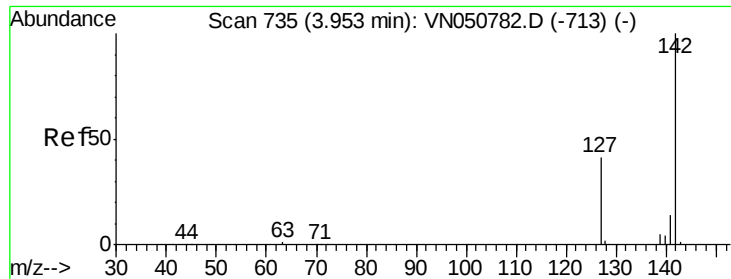
45 199.4 48.2 144.6#



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

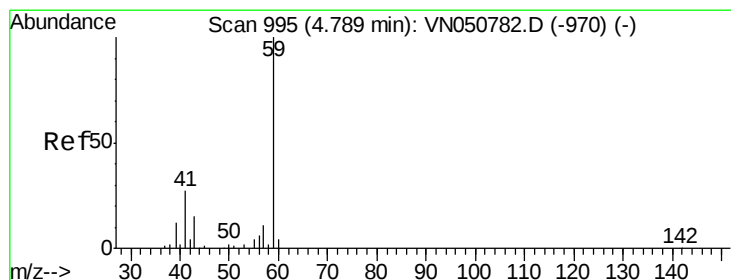
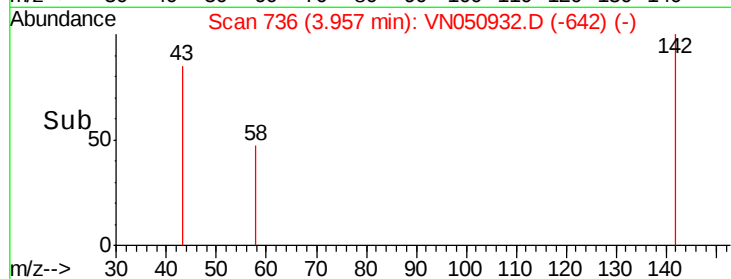
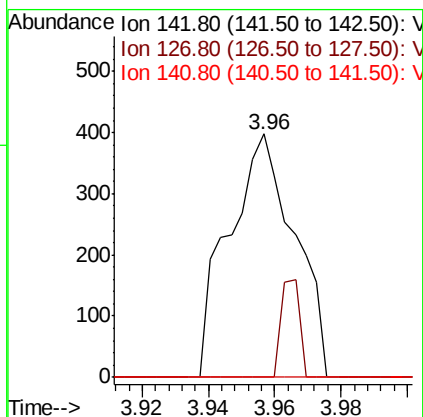
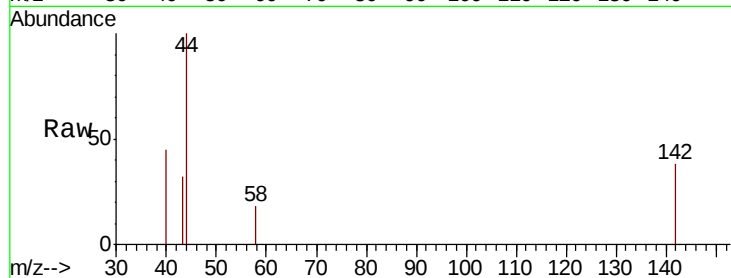




#10
Methyl Iodide
Concen: 6.41 ug/l
RT: 3.96 min Scan# 736
Delta R.T. 0.00 min
Lab File: VN050932.D
Acq: 28 Aug 2018 23:10

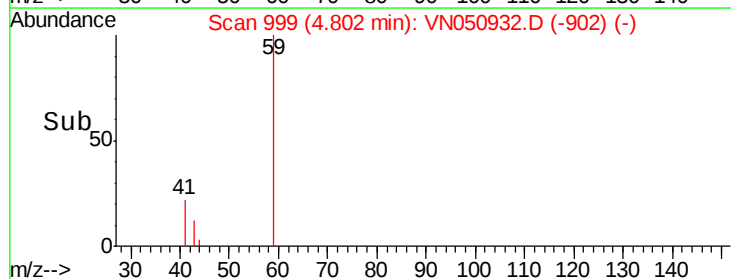
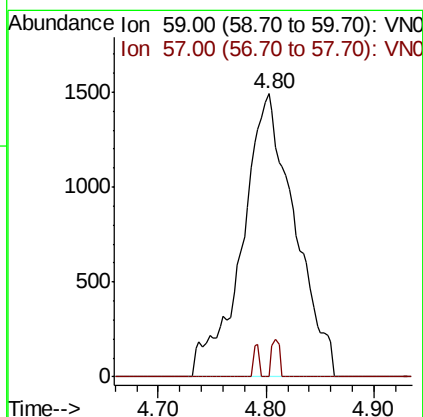
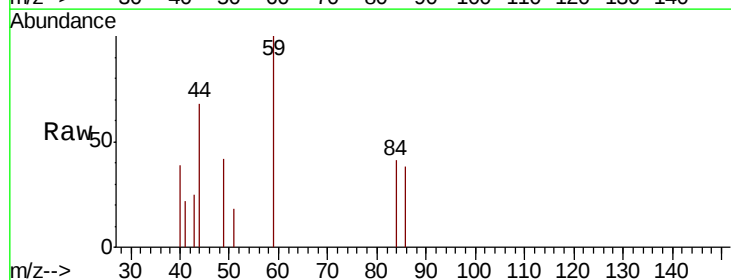
Instrument :
MSVOA_N
ClientSampled :
TL-SPEEDY-DRY

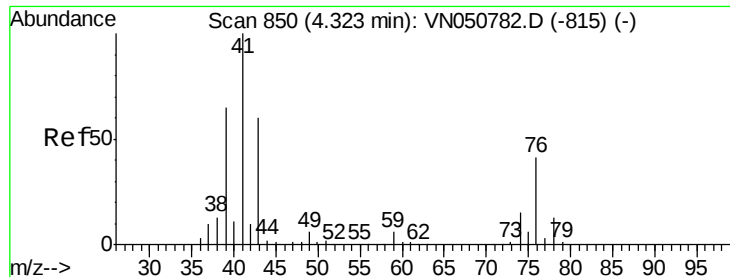
Tot Ion:142 Resp: 549
Ion Ratio Lower Upper
142 100
127 11.1 31.7 47.5#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 11.00 ug/l
RT: 4.80 min Scan# 999
Delta R.T. 0.01 min
Lab File: VN050932.D
Acq: 28 Aug 2018 23:10

Tgt Ion: 59 Resp: 5049
Ion Ratio Lower Upper
59 100
57 2.0 8.3 12.5#





#14

Allvl chloride

Concen: 9.37 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.23 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

Instrument :

MSVOA_N

ClientSampleId :

TL-SPEEDY-DRY

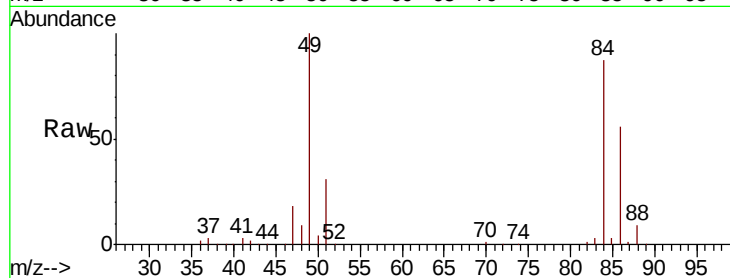
Tot Ion: 41 Resp: 98226

Ion Ratio Lower Upper

41 100

39 0.4 50.2 75.2#

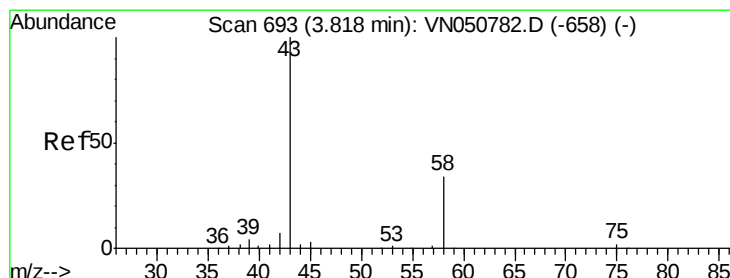
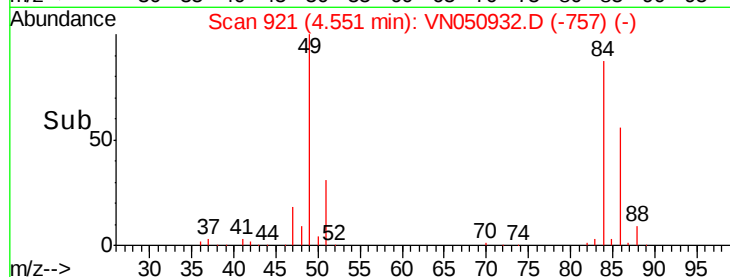
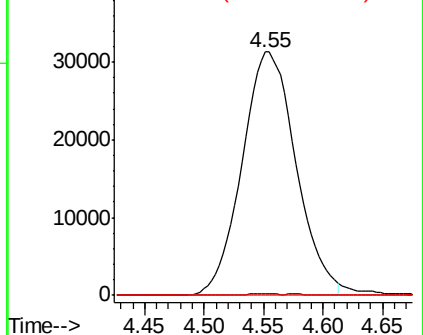
76 0.0 29.8 44.8#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 15.20 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050932.D

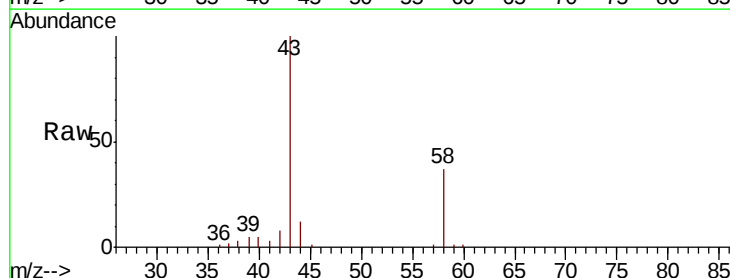
Acq: 28 Aug 2018 23:10

Tgt Ion: 43 Resp: 37271

Ion Ratio Lower Upper

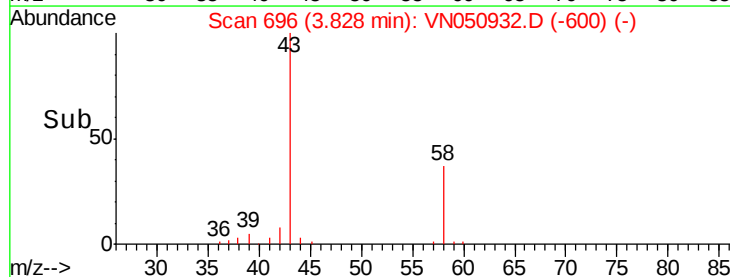
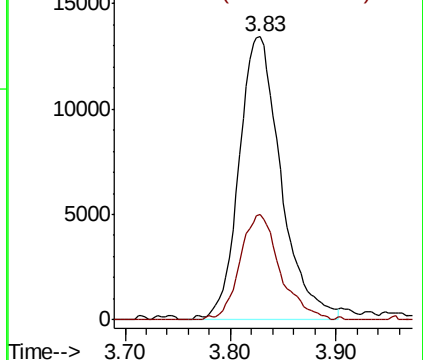
43 100

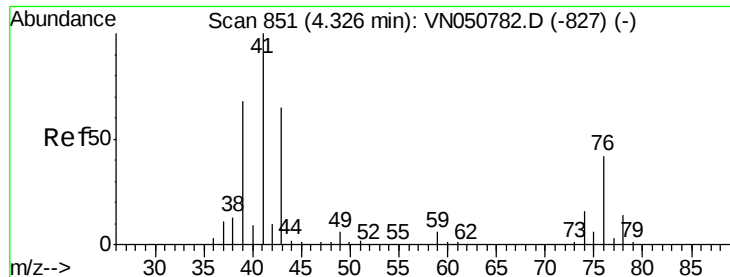
58 37.1 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

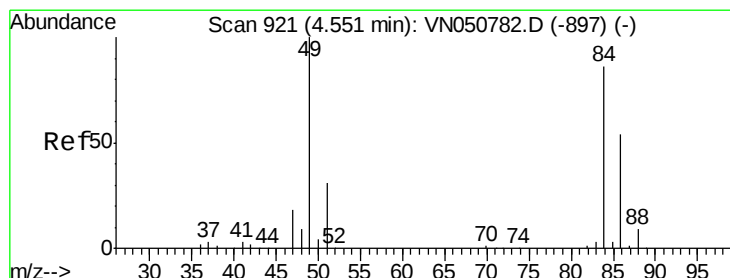
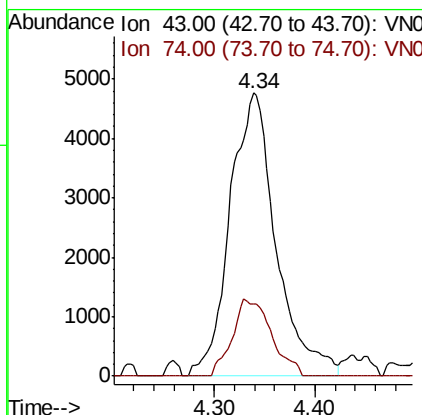
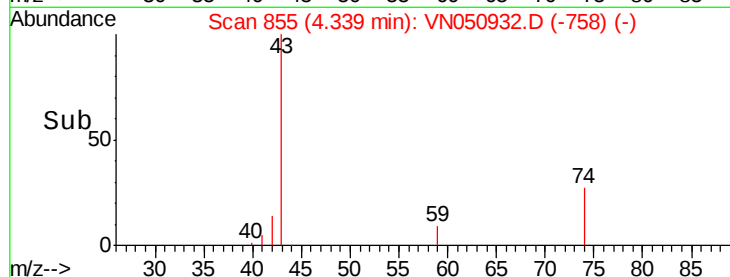
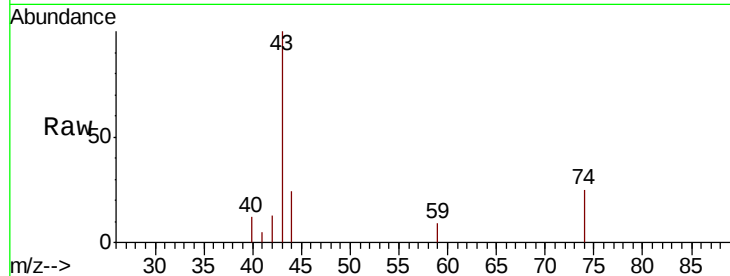




#18
Methyl Acetate
Concen: 2.23 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050932.D
Acq: 28 Aug 2018 23:10

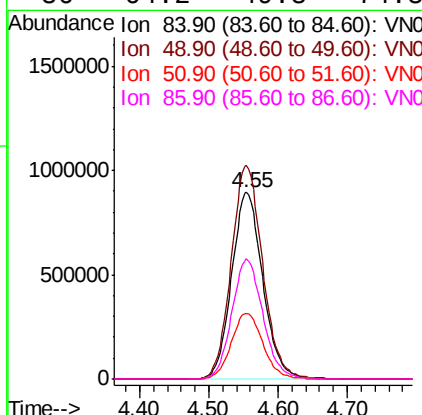
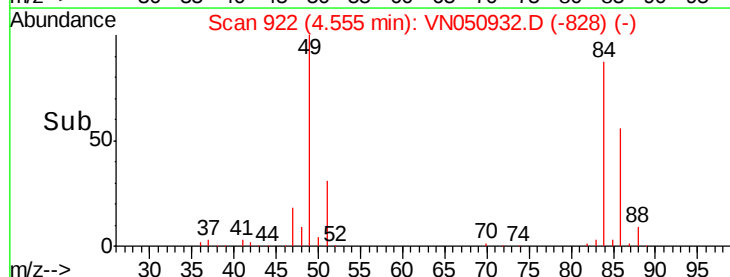
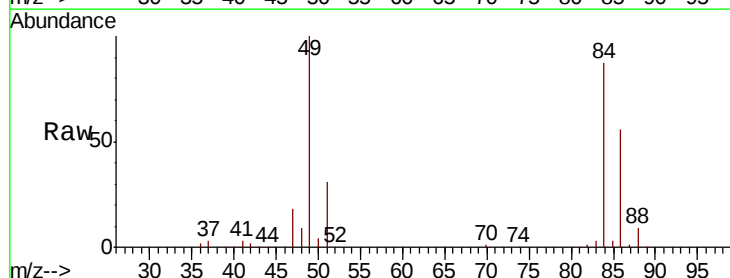
Instrument :
MSVOA_N
ClientSampleId :
TL-SPEEDY-DRY

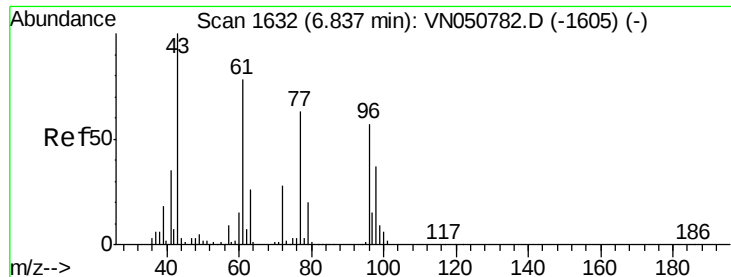
Tot Ion: 43 Resp: 15150
Ion Ratio Lower Upper
43 100
74 23.1 19.8 29.8



#20
Methylene Chloride
Concen: 344.72 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050932.D
Acq: 28 Aug 2018 23:10

Tgt Ion: 84 Resp: 2801003
Ion Ratio Lower Upper
84 100
49 114.3 93.2 139.8
51 35.3 29.0 43.6
86 64.2 49.8 74.8

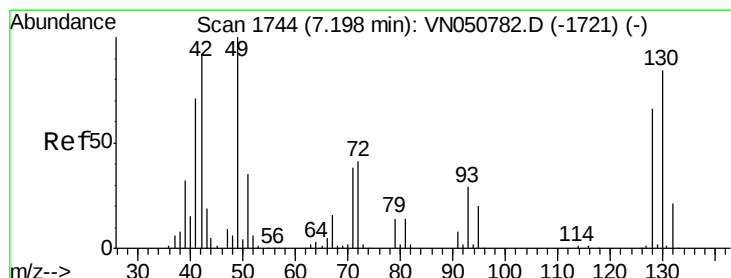
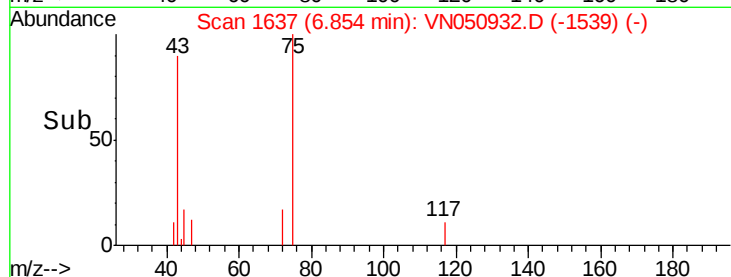
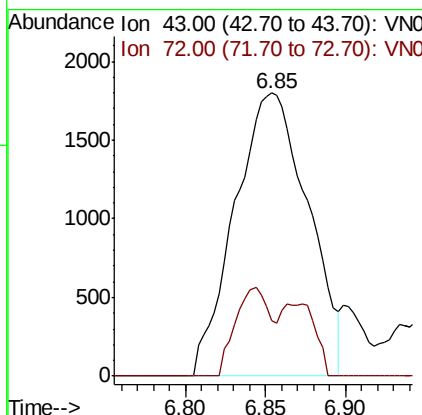
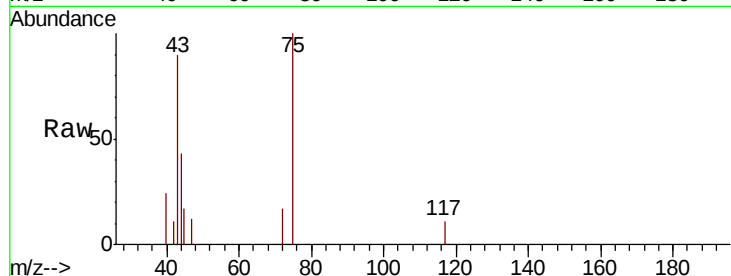




#25
2-Butanone
Concen: 1.95 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.02 min
Lab File: VN050932.D
Acq: 28 Aug 2018 23:10

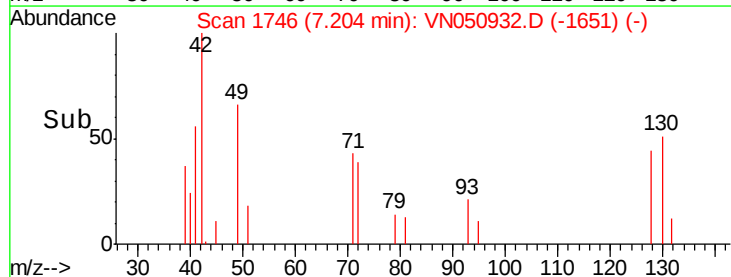
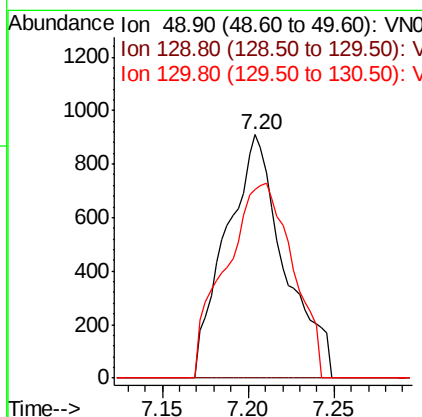
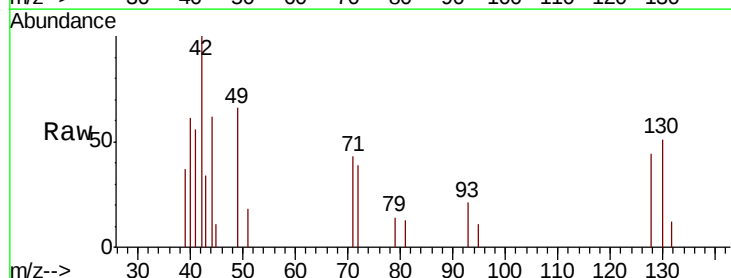
Instrument :
MSVOA_N
ClientSampleId :
TL-SPEEDY-DRY

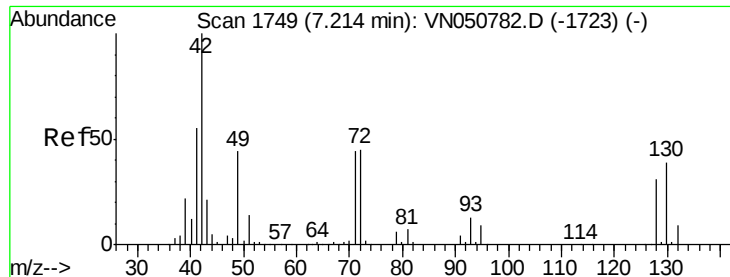
Tot Ion: 43 Resp: 5679
Ion Ratio Lower Upper
43 100
72 19.5 22.3 33.5#



#28
Bromochloromethane
Concen: 0.38 ug/l
RT: 7.20 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VN050932.D
Acq: 28 Aug 2018 23:10

Tgt Ion: 49 Resp: 2148
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 91.8 67.1 100.7





#29

Tetrahydrofuran

Concen: 4.11 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

Instrument :

MSVOA_N

ClientSampleId :

TL-SPEEDY-DRY

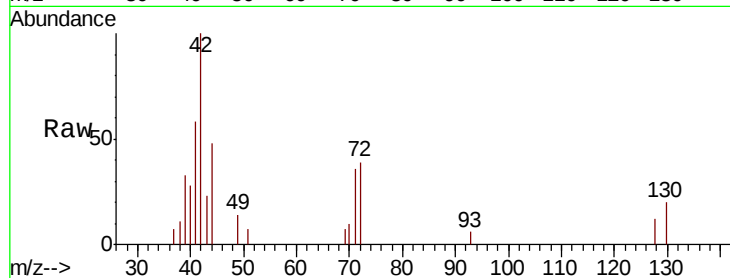
Tot Ion: 42 Resp: 6838

Ion Ratio Lower Upper

42 100

72 40.5 35.5 53.3

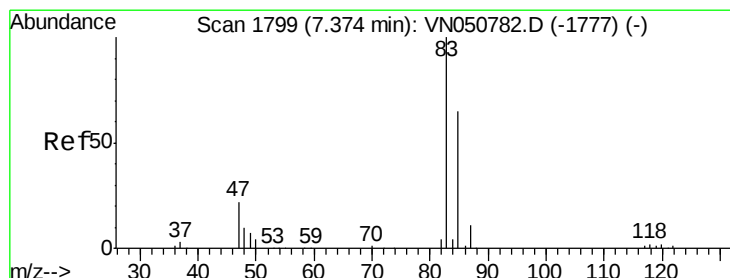
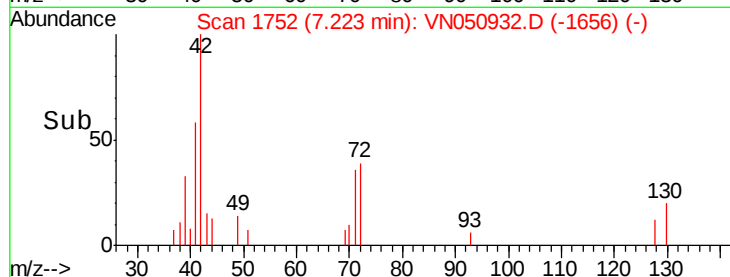
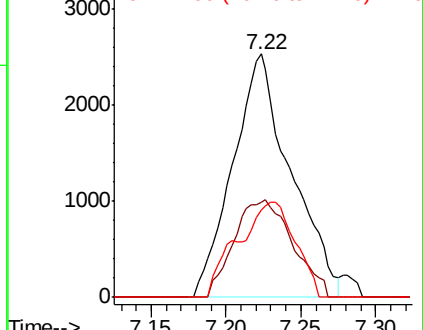
71 38.8 33.7 50.5



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



#30

Chloroform

Concen: 2.61 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050932.D

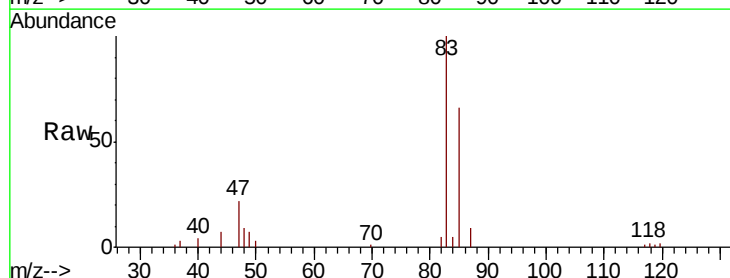
Acq: 28 Aug 2018 23:10

Tgt Ion: 83 Resp: 34649

Ion Ratio Lower Upper

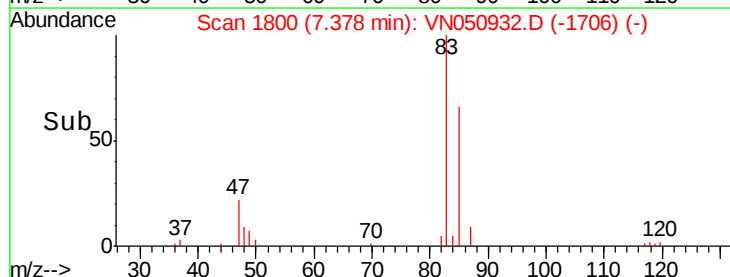
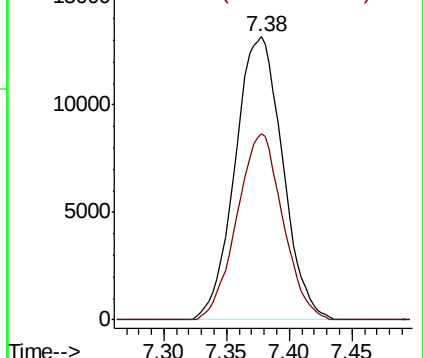
83 100

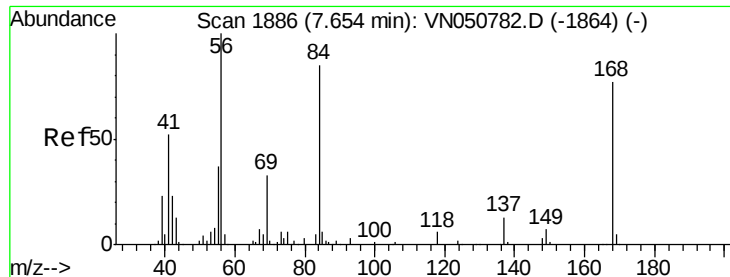
85 65.8 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

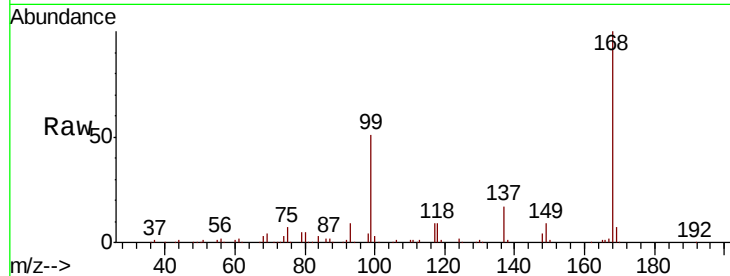




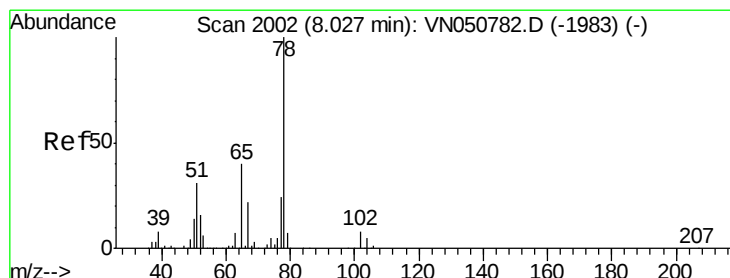
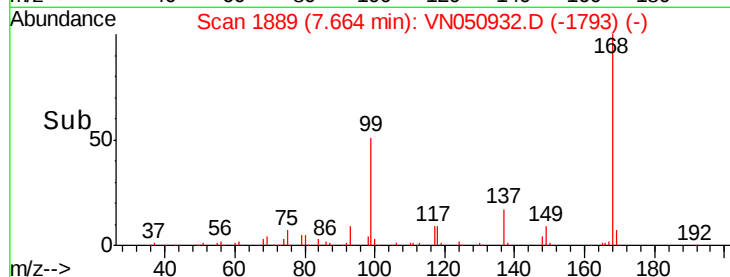
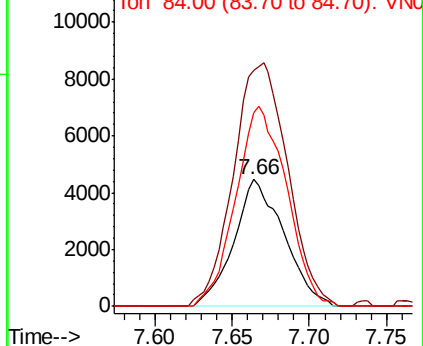
#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN050932.D
Acq: 28 Aug 2018 23:10

Instrument :
MSVOA_N
ClientSampleId :
TL-SPEEDY-DRY

Tot Ion: 56 Resp: 10073
Ion Ratio Lower Upper
56 100
69 185.8 26.2 39.4#
84 152.5 68.3 102.5#

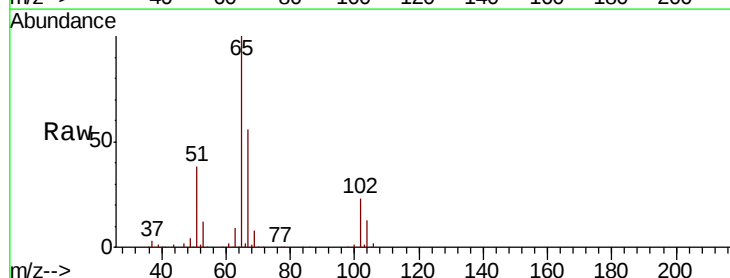


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

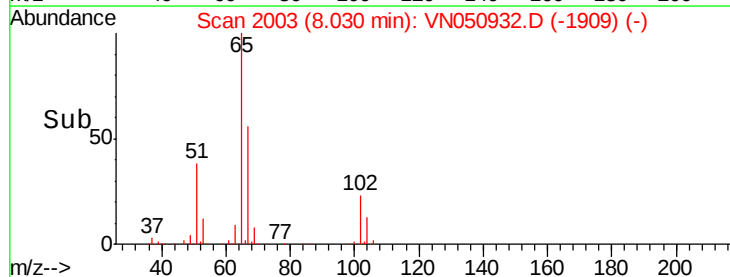
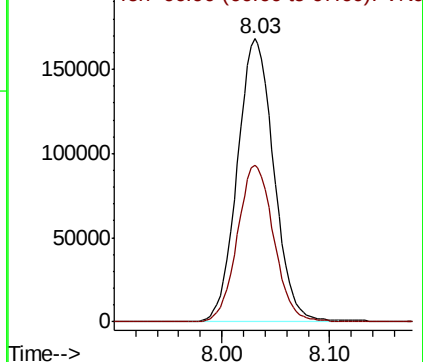


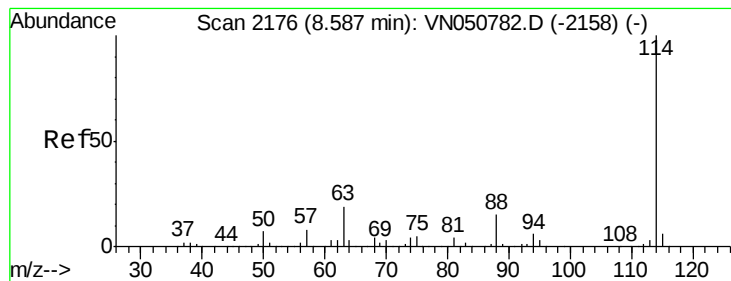
#33
1,2-Dichloroethane-d4
Concen: 54.91 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050932.D
Acq: 28 Aug 2018 23:10

Tgt Ion: 65 Resp: 395886
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.4



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

Instrument :

MSVOA_N

ClientSampleId :

TL-SPEEDY-DRY

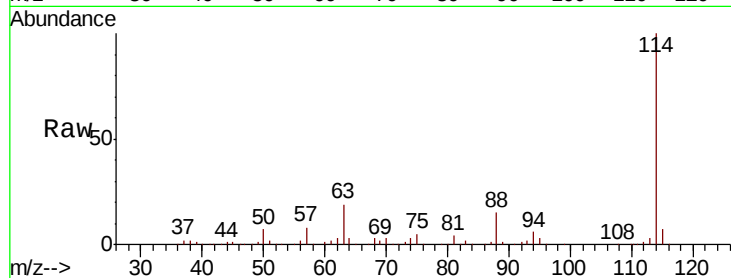
Tot Ion:114 Resp: 991381

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

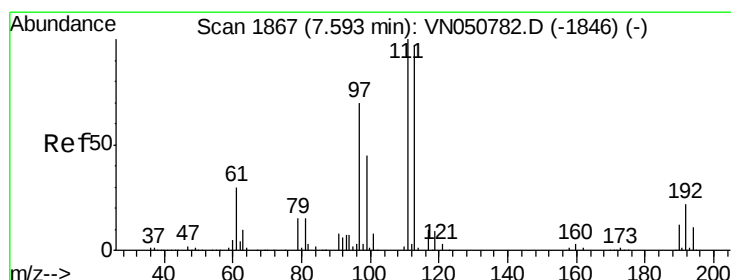
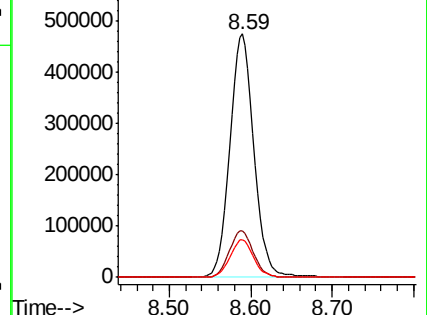
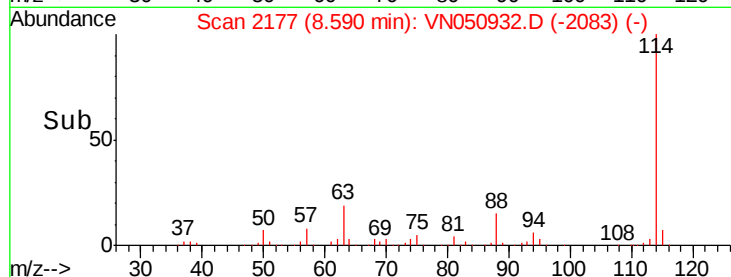
88 15.4 0.0 30.6



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: 48.15 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

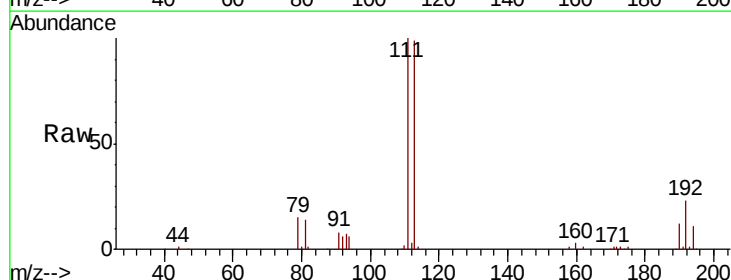
Tgt Ion:113 Resp: 379736

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

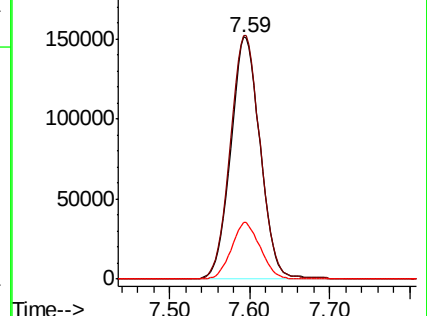
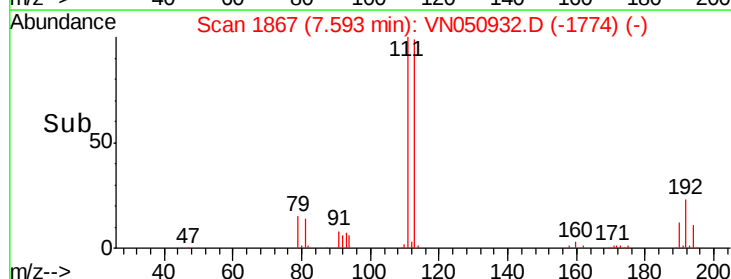
192 22.9 18.0 27.0

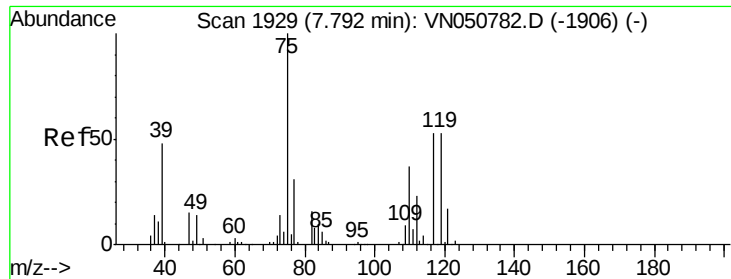


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

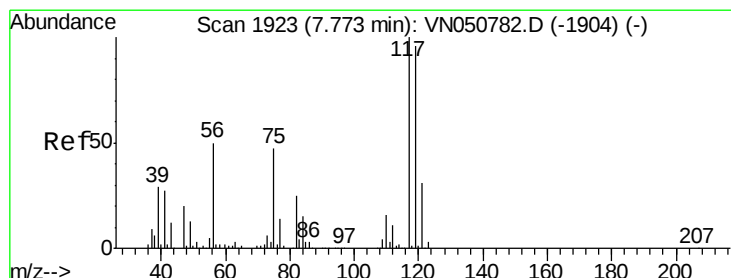
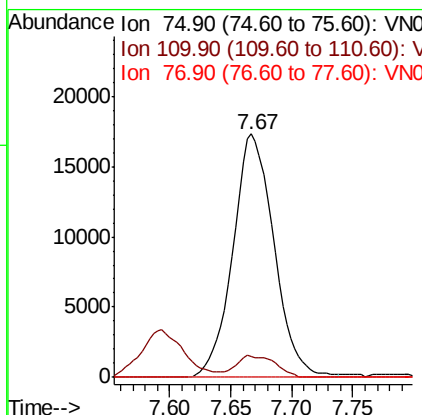
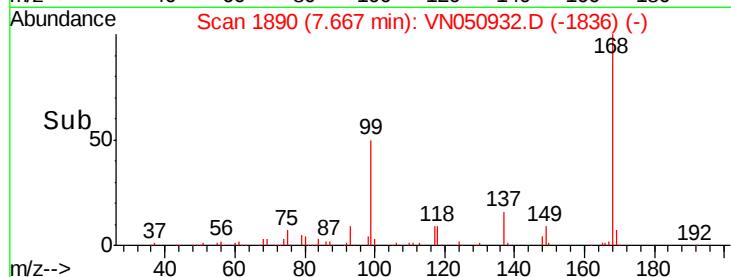
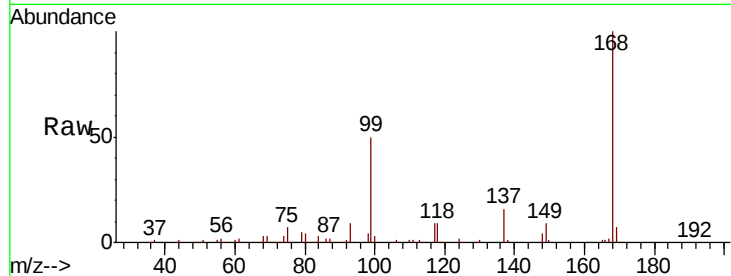




#36
 1,1-Dichloropropene
 Concen: 3.46 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050932.D
 Acq: 28 Aug 2018 23:10

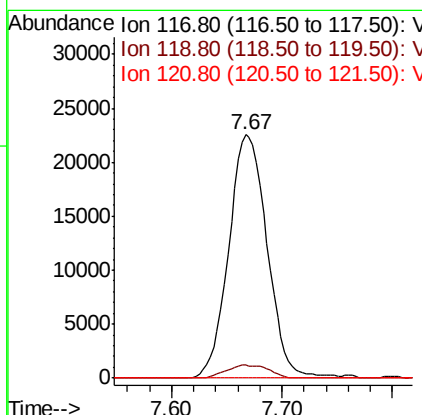
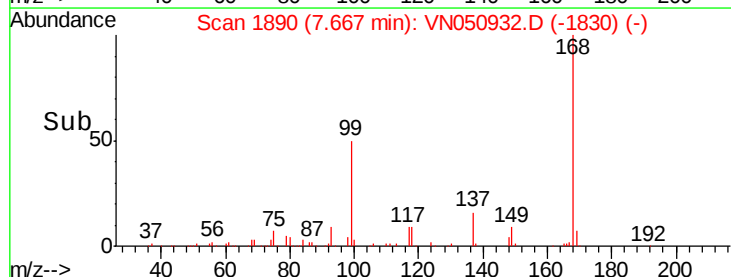
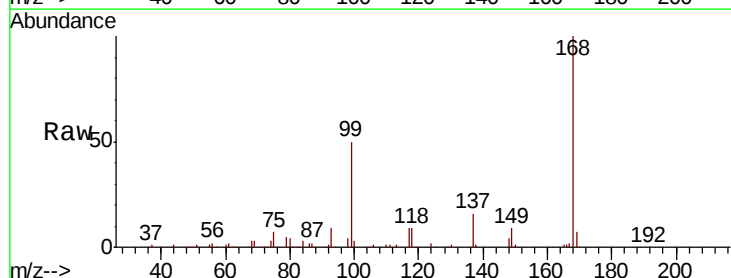
Instrument :
 MSVOA_N
 ClientSampleId :
 TL-SPEEDY-DRY

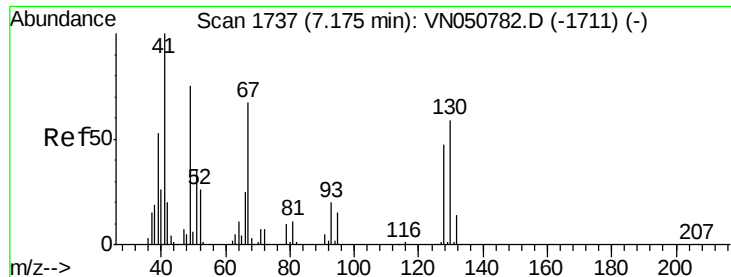
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 4.60 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050932.D
 Acq: 28 Aug 2018 23:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.3	114.5#
121	0.0	24.6	36.8#

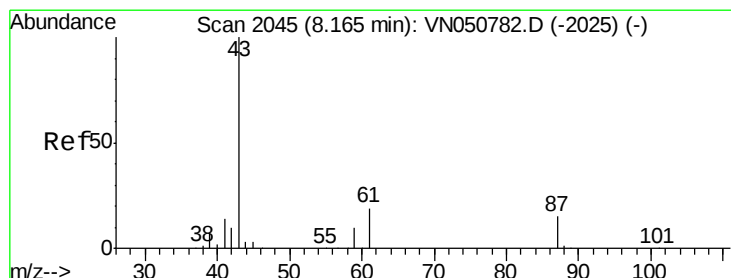
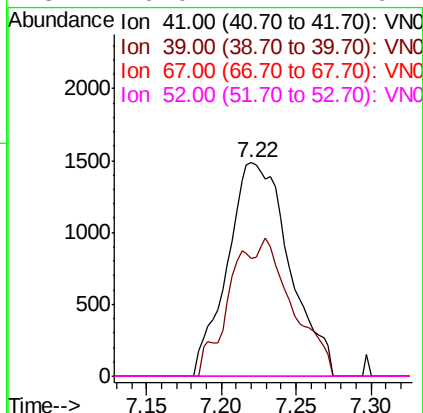
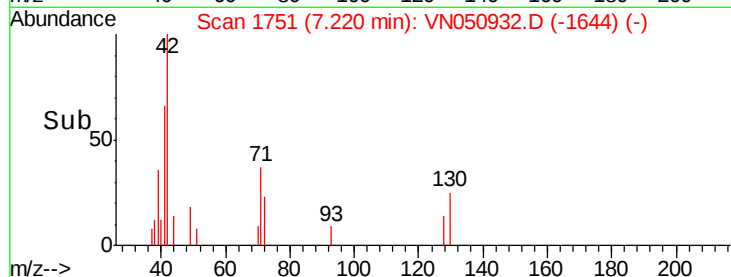
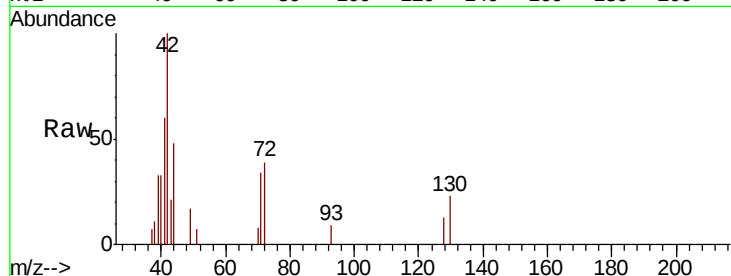




#41
Methacrylonitrile
Concen: 1.18 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.05 min
Lab File: VN050932.D
Acq: 28 Aug 2018 23:10

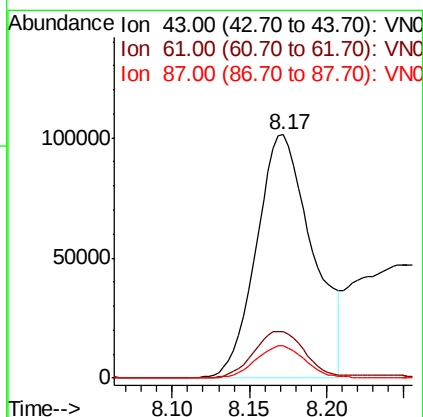
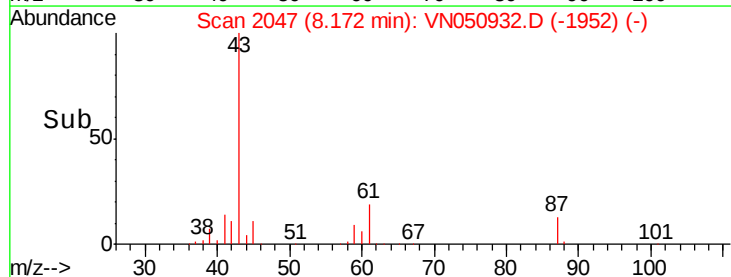
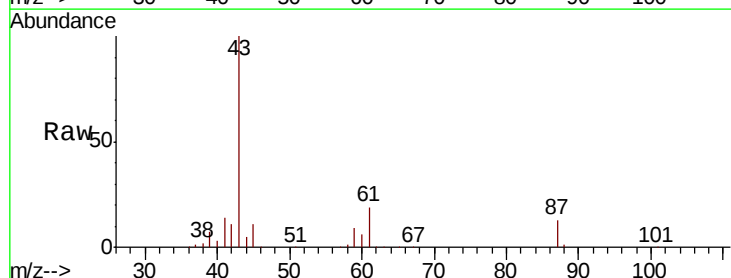
Instrument :
MSVOA_N
ClientSampleId :
TL-SPEEDY-DRY

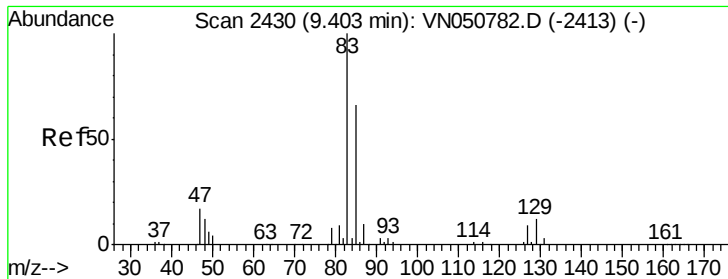
Tot Ion: 41 Resp: 4300
Ion Ratio Lower Upper
41 100
39 26.0 45.4 68.0#
67 0.0 70.6 106.0#
52 0.0 27.1 40.7#



#43
Isopropyl Acetate
Concen: 22.12 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.01 min
Lab File: VN050932.D
Acq: 28 Aug 2018 23:10

Tgt Ion: 43 Resp: 255617
Ion Ratio Lower Upper
43 100
61 18.0 17.5 26.3
87 11.7 11.3 16.9





#47

Bromodichloromethane

Concen: 0.57 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

Instrument :

MSVOA_N

ClientSampleId :

TL-SPEEDY-DRY

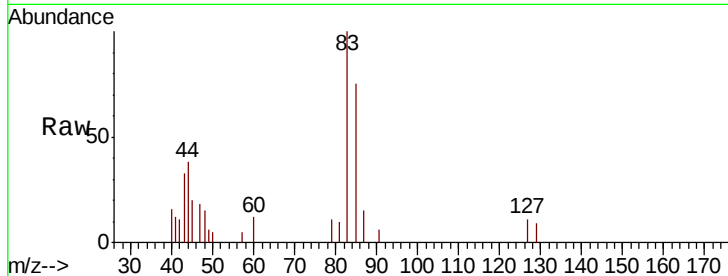
Tot Ion: 83 Resp: 6545

Ion Ratio Lower Upper

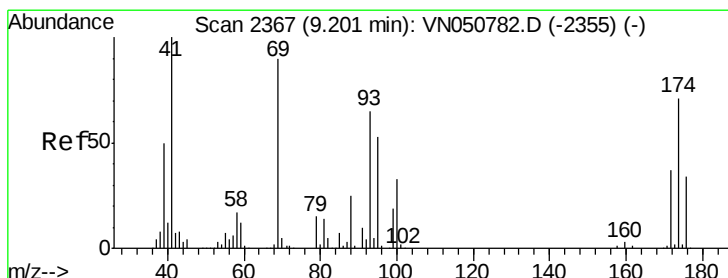
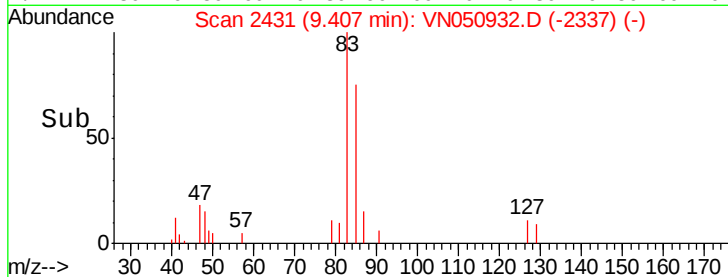
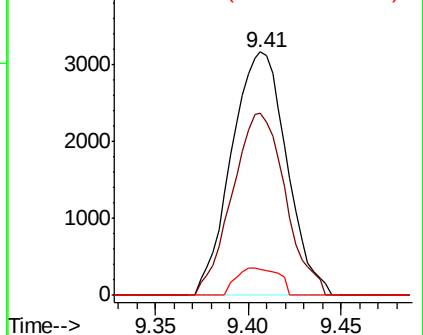
83 100

85 74.8 52.6 78.8

127 10.8 7.2 10.8#



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.78 ug/l

RT: 9.19 min Scan# 2363

Delta R.T. -0.01 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

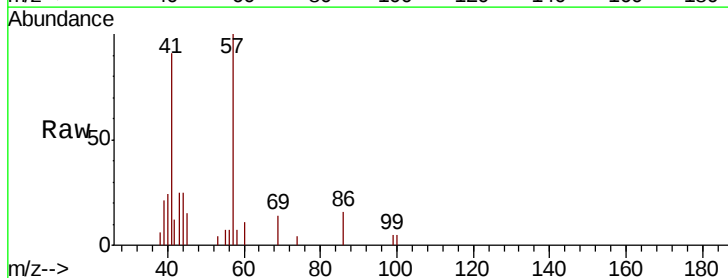
Tgt Ion: 41 Resp: 10502

Ion Ratio Lower Upper

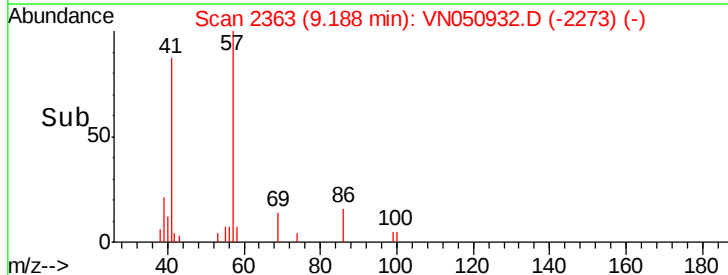
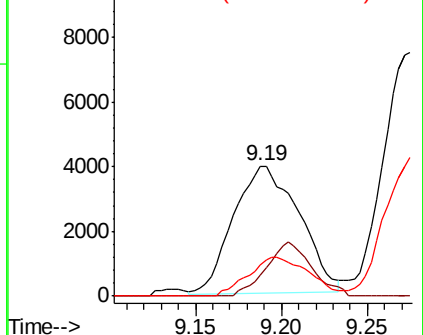
41 100

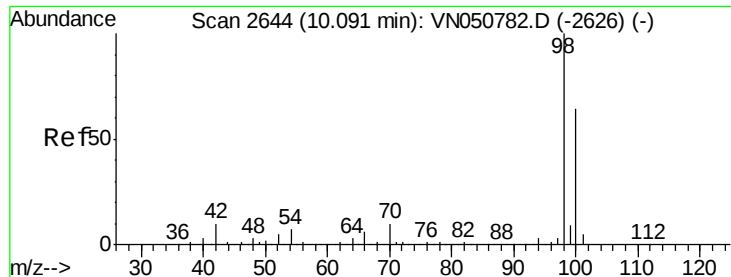
69 29.1 74.7 112.1#

39 27.9 42.2 63.2#



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: 44.77 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

Instrument :

MSVOA_N

ClientSampleId :

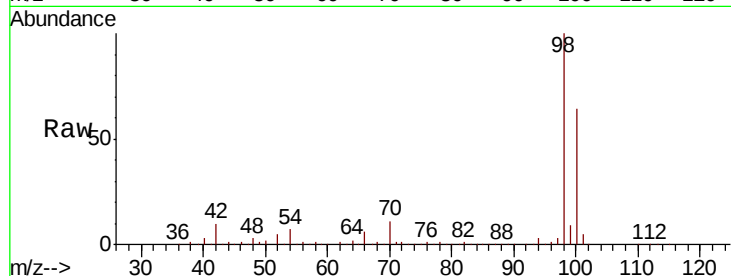
TL-SPEEDY-DRY

Tot Ion: 98 Resp: 1320061

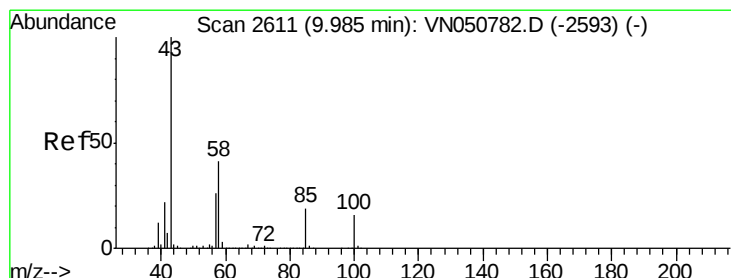
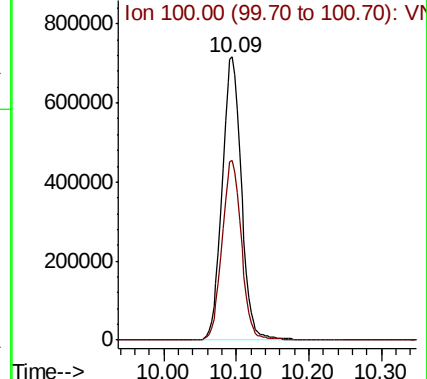
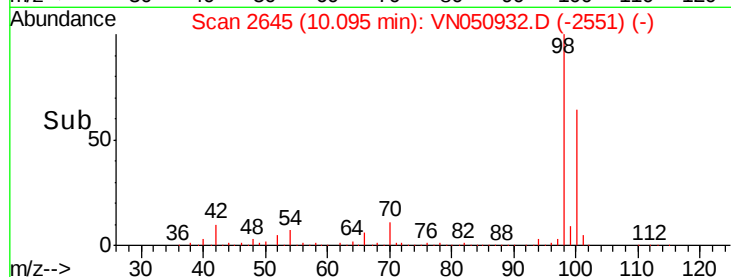
Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050932.D (-2551) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.61 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050932.D

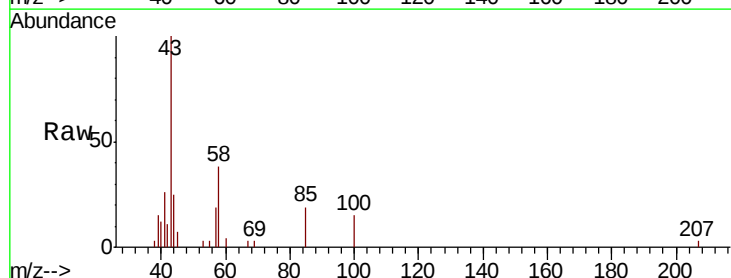
Acq: 28 Aug 2018 23:10

Tgt Ion: 43 Resp: 11086

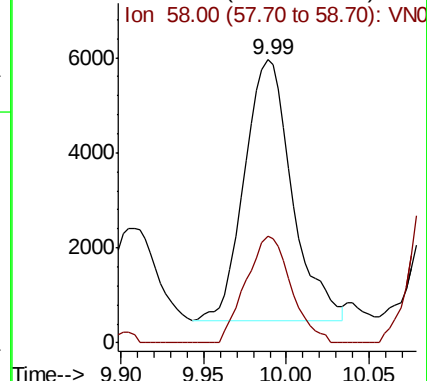
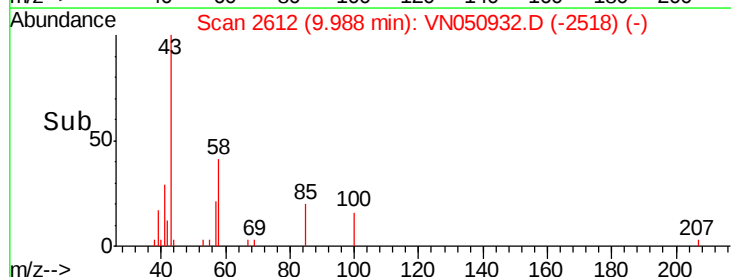
Ion Ratio Lower Upper

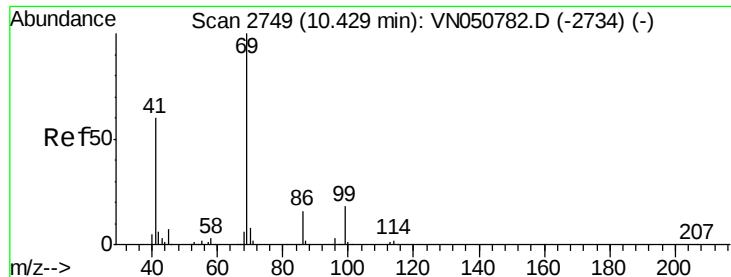
43 100

58 38.4 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN050932.D (-2518) (-)





#56

Ethyl methacrylate

Concen: 2.37 ug/l

RT: 10.28 min Scan# 2704

Delta R.T. -0.14 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

Instrument :

MSVOA_N

ClientSampled :

TL-SPEEDY-DRY

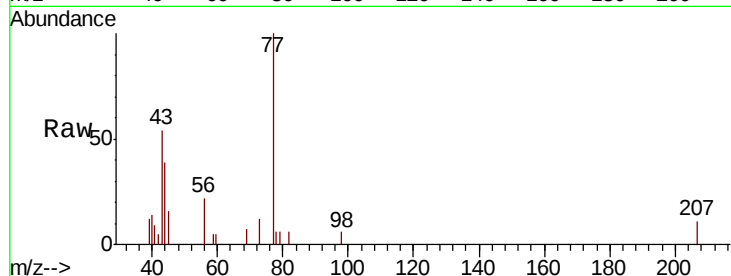
Tot Ion: 69 Resp: 187

Ion Ratio Lower Upper

69 100

41 139.6 48.3 72.5#

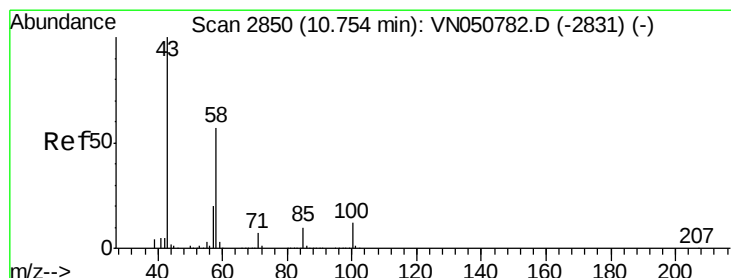
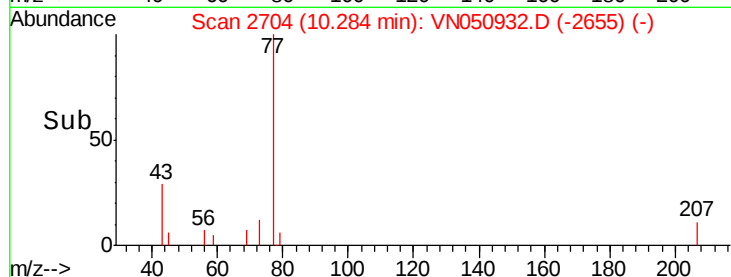
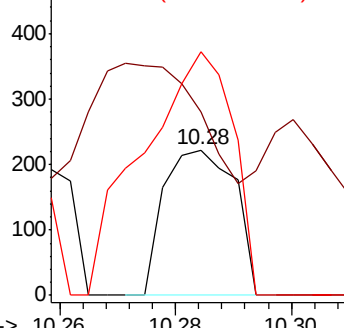
39 216.6 24.0 36.0#



Abundance Ion 69.00 (68.70 to 69.70): VN050932.D (-2655) (-)

Ion 41.00 (40.70 to 41.70): VN050932.D (-2655) (-)

Ion 39.00 (38.70 to 39.70): VN050932.D (-2655) (-)



#59

2-Hexanone

Concen: 2.37 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050932.D

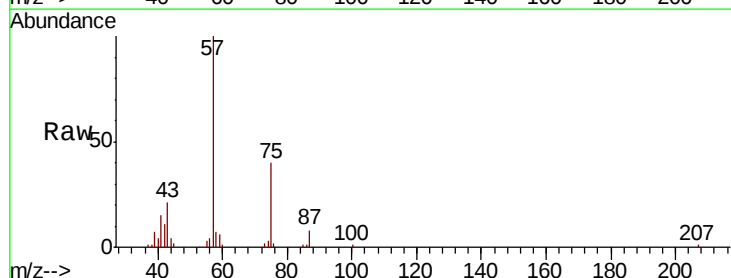
Acq: 28 Aug 2018 23:10

Tgt Ion: 43 Resp: 10863

Ion Ratio Lower Upper

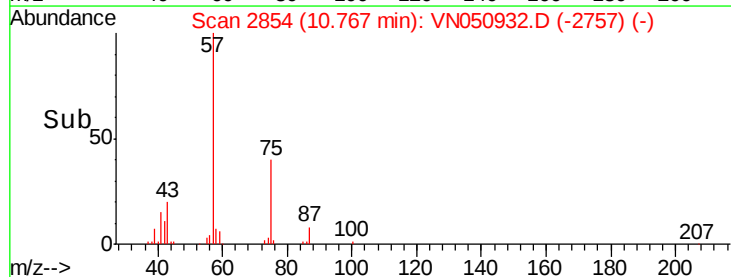
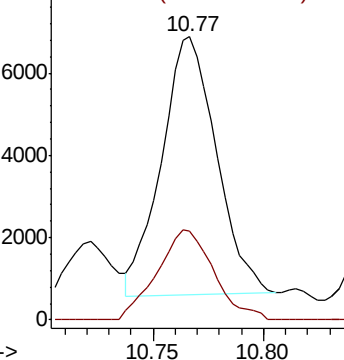
43 100

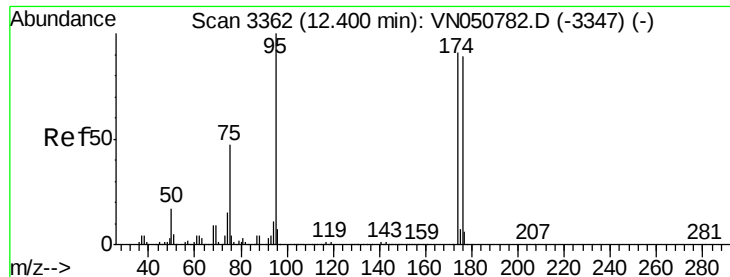
58 35.9 28.3 85.0



Abundance Ion 43.00 (42.70 to 43.70): VN050932.D (-2757) (-)

Ion 58.00 (57.70 to 58.70): VN050932.D (-2757) (-)





#62

4-Bromofluorobenzene

Concen: 36.28 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

Instrument :

MSVOA_N

ClientSampleId :

TL-SPEEDY-DRY

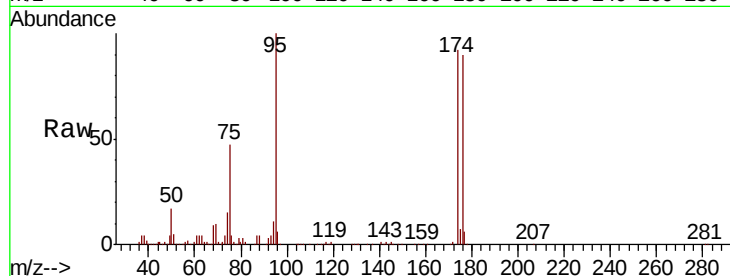
Tot Ion: 95 Resp: 355514

Ion Ratio Lower Upper

95 100

174 91.6 0.0 183.0

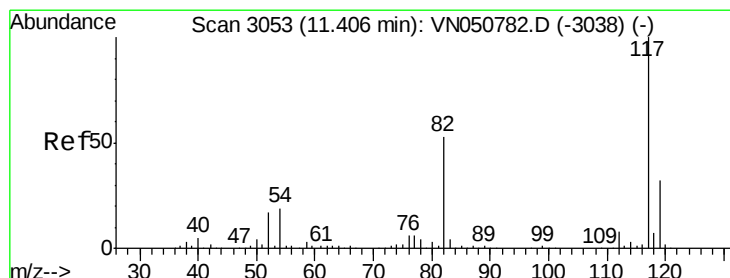
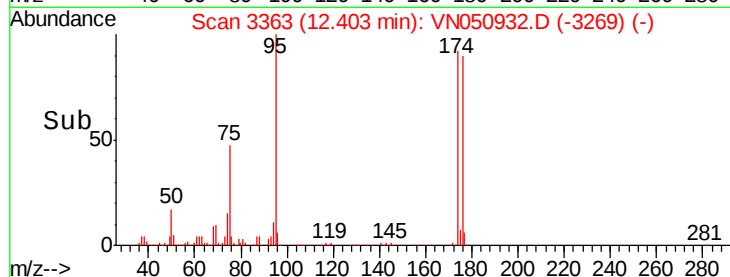
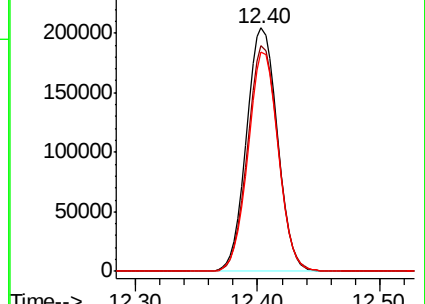
176 87.9 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

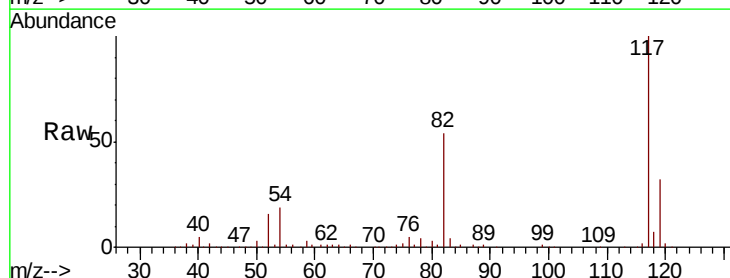
Tgt Ion: 117 Resp: 809678

Ion Ratio Lower Upper

117 100

82 54.4 42.6 64.0

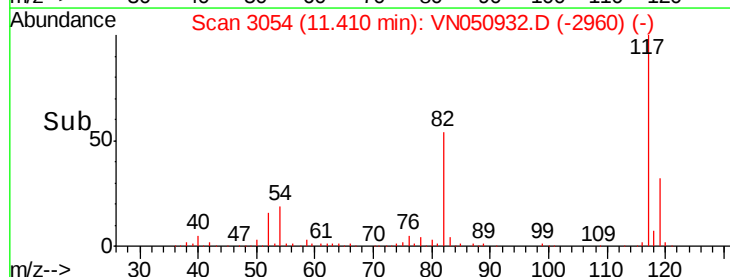
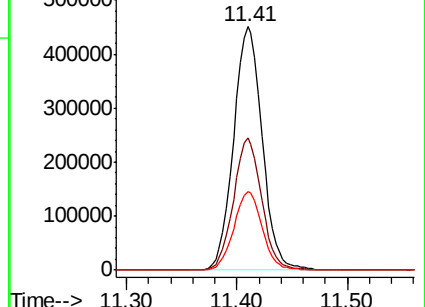
119 32.3 25.8 38.6

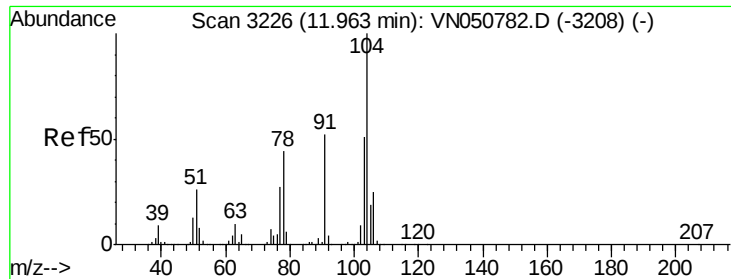


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)





#70

Stvrene

Concen: 1.29 ug/l

RT: 11.97 min Scan# 3228

Delta R.T. 0.01 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

Instrument :

MSVOA_N

ClientSampleId :

TL-SPEEDY-DRY

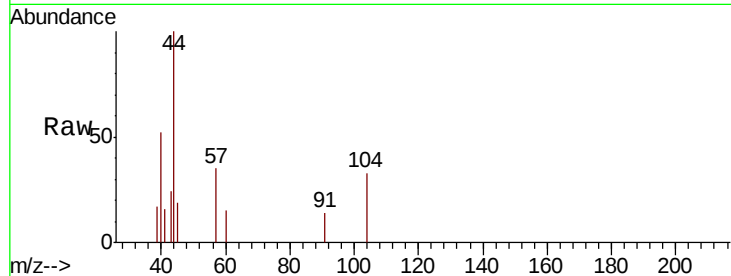
Tot Ion:104 Resp: 408

Ion Ratio Lower Upper

104 100

78 7.1 38.2 57.4#

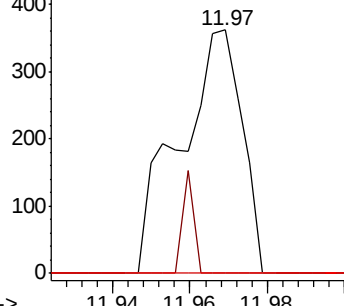
103 0.0 44.4 66.6#



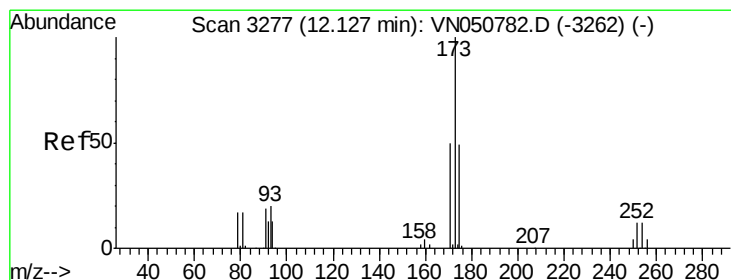
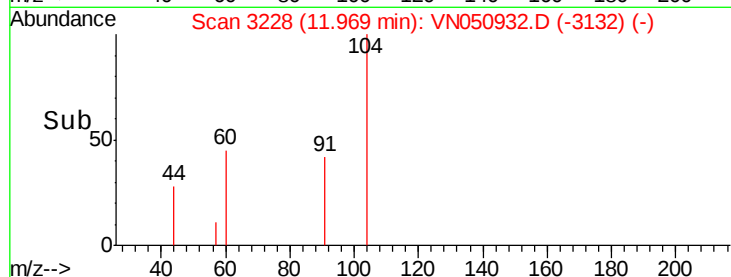
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#71

Bromoform

Concen: 0.29 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

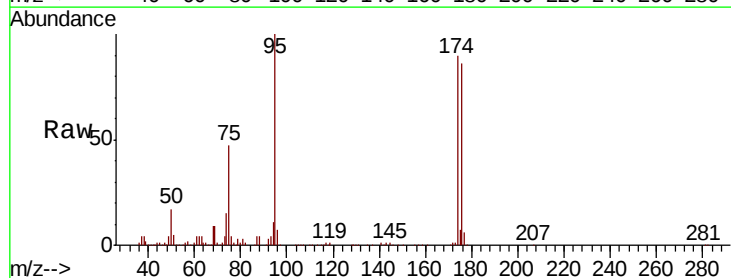
Tgt Ion:173 Resp: 1541

Ion Ratio Lower Upper

173 100

175 1226.5 24.4 73.4#

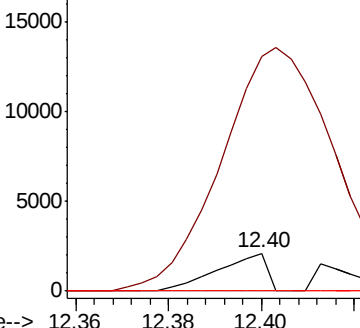
254 0.0 0.1 0.1#



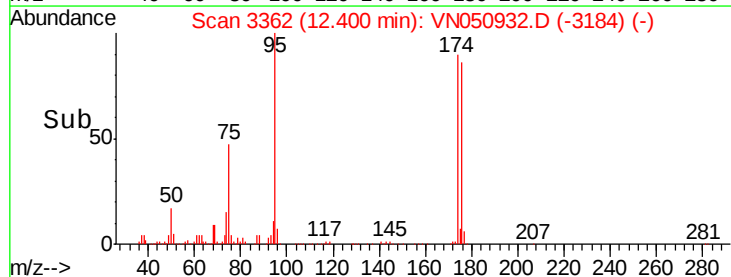
Abundance Ion 172.70 (172.40 to 173.40): V

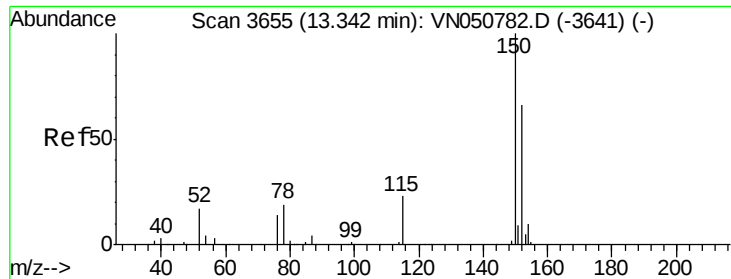
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

Instrument :

MSVOA_N

ClientSampleId :

TL-SPEEDY-DRY

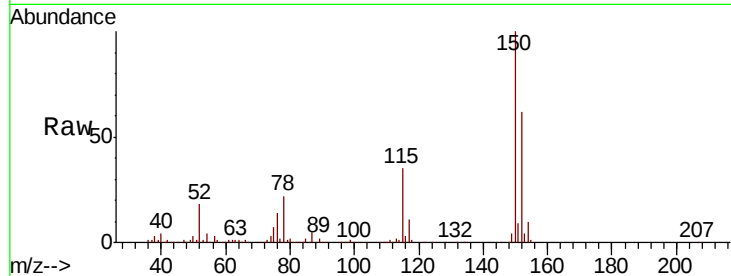
Tot Ion:152 Resp: 280594

Ion Ratio Lower Upper

152 100

115 56.4 27.8 83.4

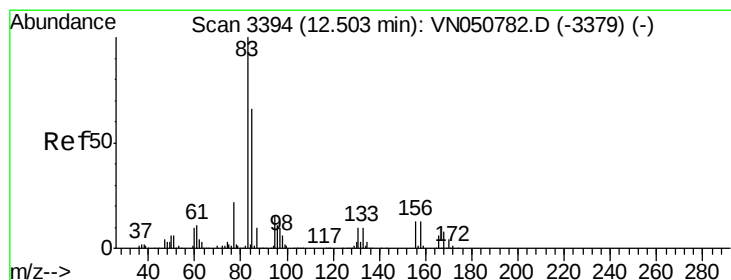
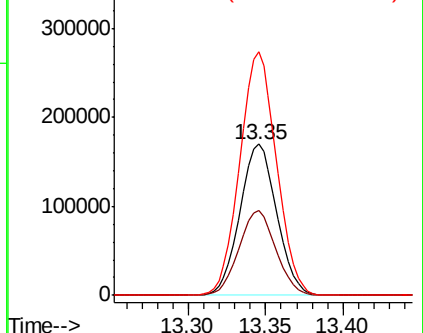
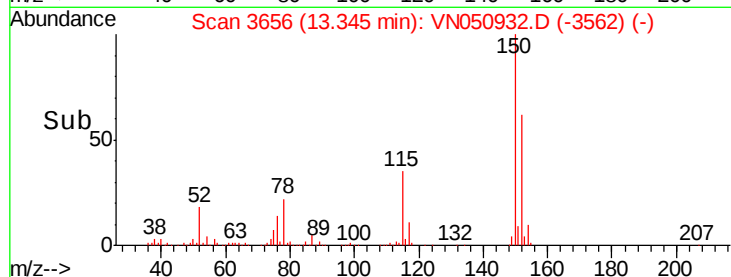
150 160.7 0.0 351.4



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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3364

Delta R.T. -0.10 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

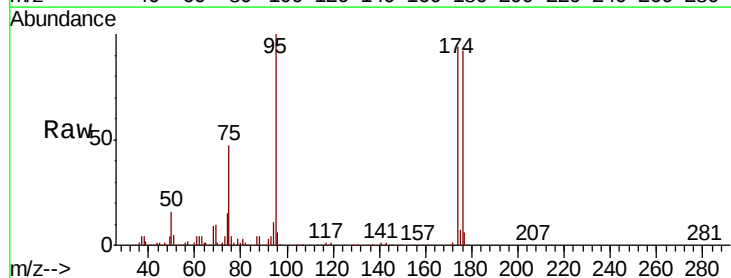
Tgt Ion: 83 Resp: 62

Ion Ratio Lower Upper

83 100

131 724.2 5.3 15.9#

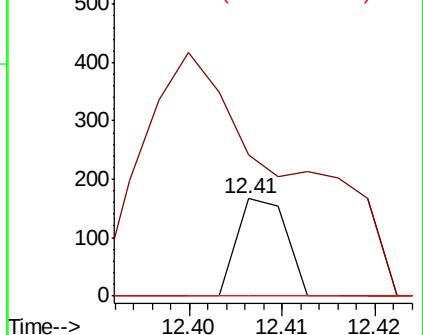
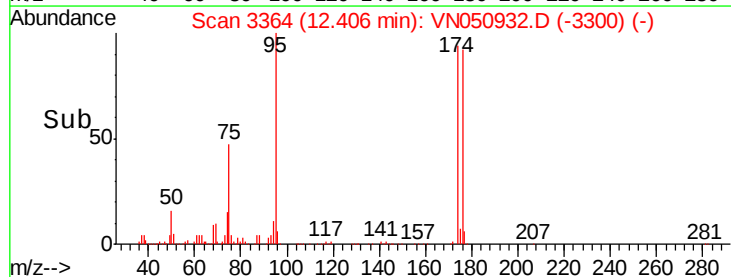
85 0.0 31.9 95.7#

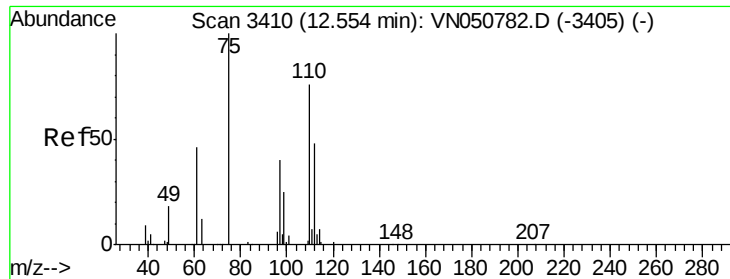


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 33.41 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

Instrument :

MSVOA_N

ClientSampleId :

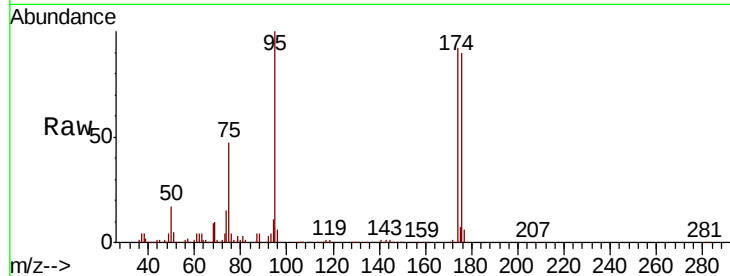
TL-SPEEDY-DRY

Tot Ion: 75 Resp: 164183

Ion Ratio Lower Upper

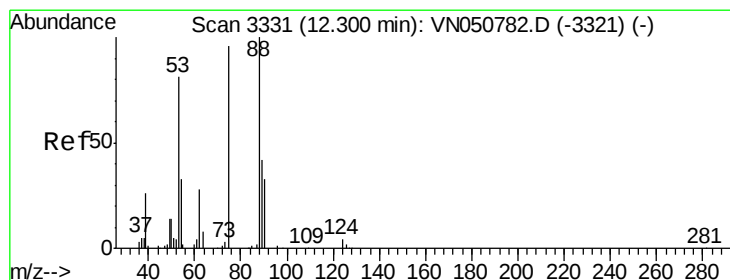
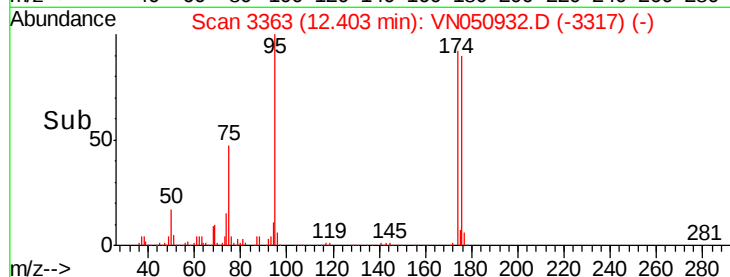
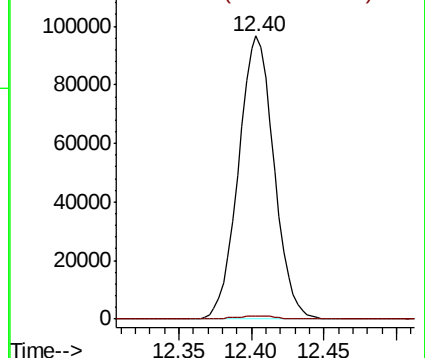
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 112.94 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

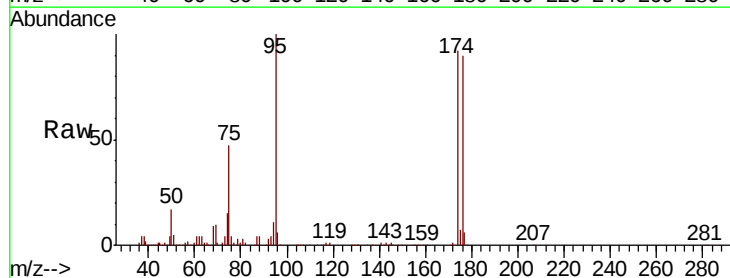
Tgt Ion: 75 Resp: 164183

Ion Ratio Lower Upper

75 100

53 0.3 68.9 103.3#

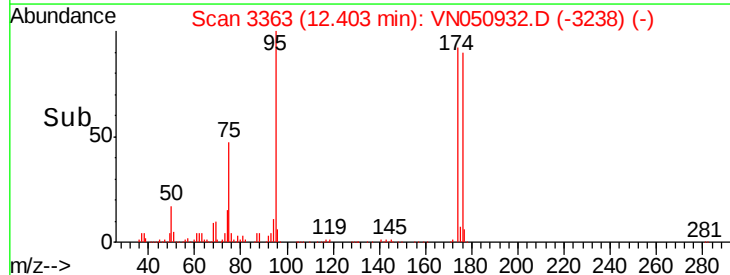
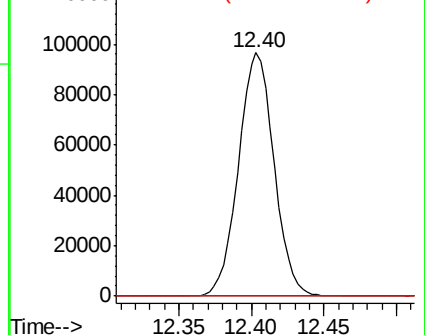
89 0.0 36.1 54.1#

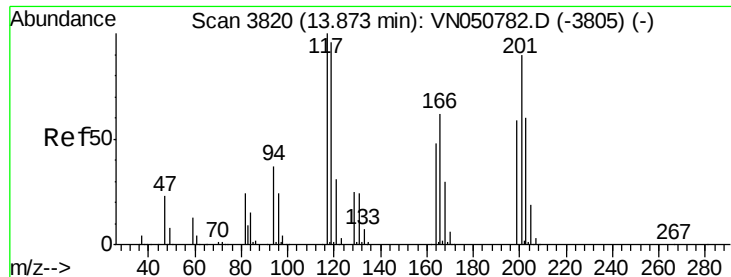


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#90

Hexachloroethane

Concen: 0.24 ug/l

RT: 13.95 min Scan# 3843

Delta R.T. 0.07 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

Instrument :

MSVOA_N

ClientSampleId :

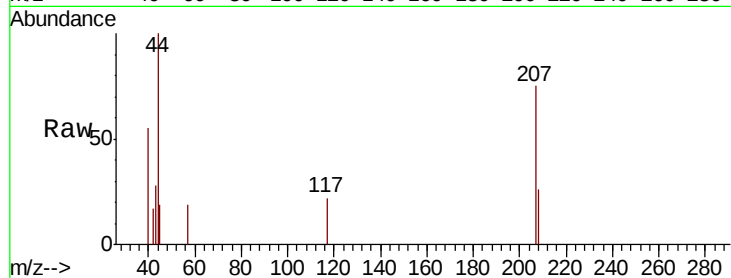
TL-SPEEDY-DRY

Tot Ion:117 Resp: 202

Ion Ratio Lower Upper

117 100

201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.95

250

200

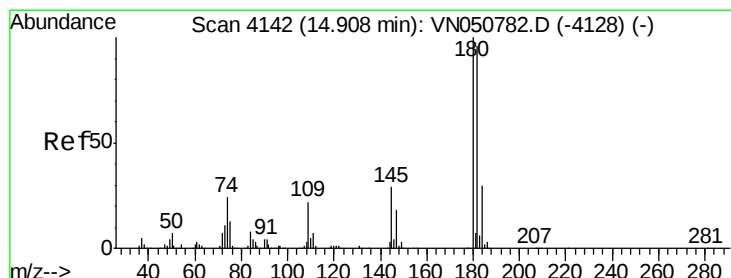
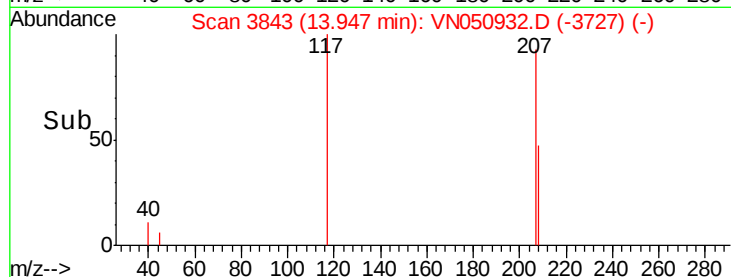
150

100

50

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 4.09 ug/l

RT: 14.92 min Scan# 4146

Delta R.T. 0.01 min

Lab File: VN050932.D

Acq: 28 Aug 2018 23:10

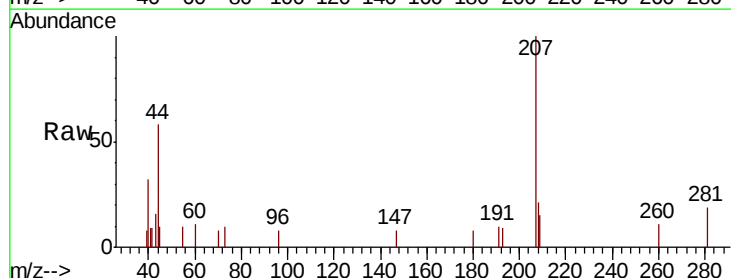
Tgt Ion:180 Resp: 59

Ion Ratio Lower Upper

180 100

182 113.6 48.2 144.6

145 0.0 14.1 42.2#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

14.92

200

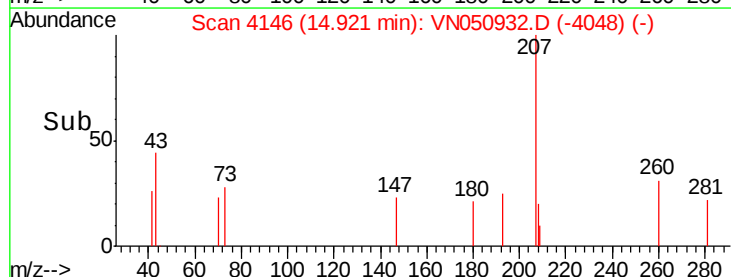
150

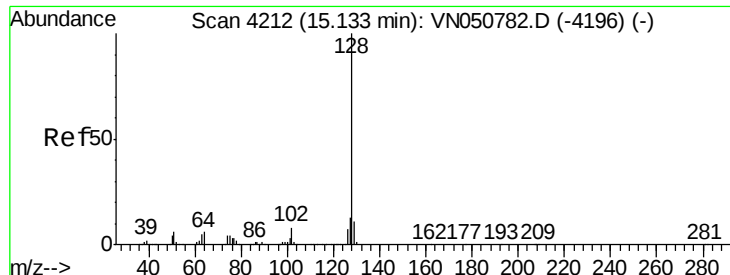
100

50

0

Time-->

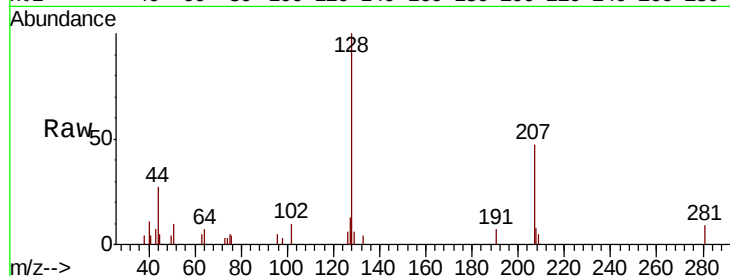




#95
Naphthalene
Concen: 5.95 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050932.D
Acq: 28 Aug 2018 23:10

Instrument :
MSVOA_N
ClientSampleId :
TL-SPEEDY-DRY

Tot Ion:128 Resp: 6888
Ion Ratio Lower Upper
128 100
127 14.4 10.5 15.7
129 6.5 8.7 13.1#



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

