

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071718\
 Data File : VN049844.D
 Acq On : 17 Jul 2018 13:15
 Operator : MD\SY
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 17 16:42:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 13:20:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	634627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	988620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	828042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	308305	50.00	ug/l	0.00

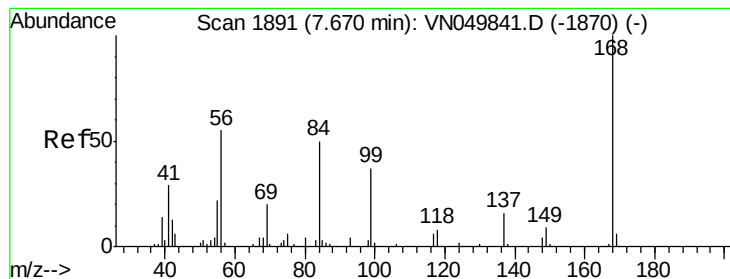
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	428531	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
35) Dibromofluoromethane	7.59	113	383080	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	10.09	98	1349221	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
62) 4-Bromofluorobenzene	12.40	95	378042	39.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	627	Below Cal		97
3) Chloromethane	2.06	50	2142	Below Cal	#	78
5) Bromomethane	2.56	94	4381	Below Cal		85
6) Chloroethane	2.70	64	564	Below Cal	#	54
7) Trichlorofluoromethane	3.01	101	1035	Below Cal		90
9) 1,1,2-Trichlorotrifluoroet	3.77	101	296	Below Cal	#	48
16) Acetone	3.83	43	3433	Below Cal		93
17) Carbon Disulfide	4.04	76	25989	Below Cal		99
18) Methyl Acetate	4.34	43	9701	Below Cal	#	87
20) Methylene Chloride	4.55	84	2507	Below Cal	#	83
31) Cyclohexane	7.67	56	12022	Below Cal	#	1
51) 4-Methyl-2-Pentanone	9.99	43	3432	0.44	ug/l	88
59) 2-Hexanone	10.76	43	6958	1.30	ug/l	89
68) m/p-Xylenes	11.62	106	3495	0.29	ug/l	100
74) N-amyl acetate	12.08	43	3082	0.42	ug/l	96
77) Bromobenzene	12.53	156	2767	0.45	ug/l	94
78) n-propylbenzene	12.60	91	7593	0.30	ug/l	98
79) 2-Chlorotoluene	12.68	91	4099	0.26	ug/l	98
82) 4-Chlorotoluene	12.78	91	7513	0.49	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	3975	0.22	ug/l	97
85) sec-Butylbenzene	13.18	105	4564	0.22	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	6611	0.63	ug/l	99
88) 1,4-Dichlorobenzene	13.29	146	6611	0.64	ug/l	98
89) n-Butylbenzene	13.62	91	6710	0.47	ug/l	96
90) Hexachloroethane	13.87	117	630	Below Cal		98
91) 1,2-Dichlorobenzene	13.66	146	6032	0.56	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.28	75	1097	Below Cal		70
93) 1,2,4-Trichlorobenzene	14.91	180	9409	1.98	ug/l	98
94) Hexachlorobutadiene	15.01	225	7036	2.11	ug/l	93
95) Naphthalene	15.14	128	31159	5.05	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	11542	2.29	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

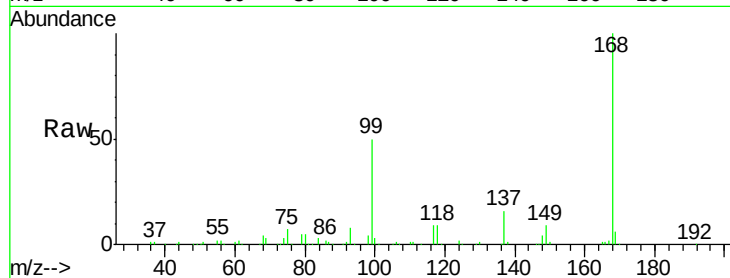
IBLK

Tot Ion:168 Resp: 634627

Ion Ratio Lower Upper

168 100

99 49.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

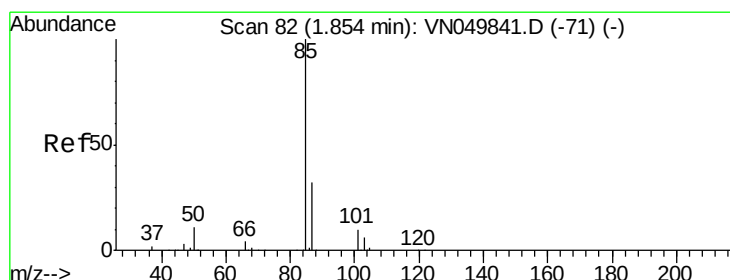
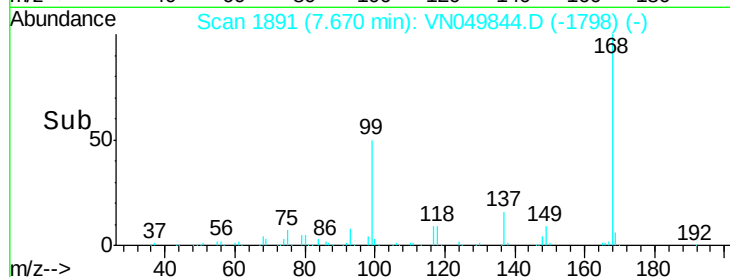
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049844.D

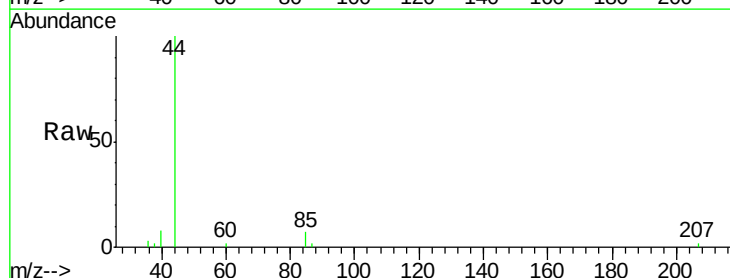
Acq: 17 Jul 2018 13:15

Tgt Ion: 85 Resp: 627

Ion Ratio Lower Upper

85 100

87 29.2 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

600

500

400

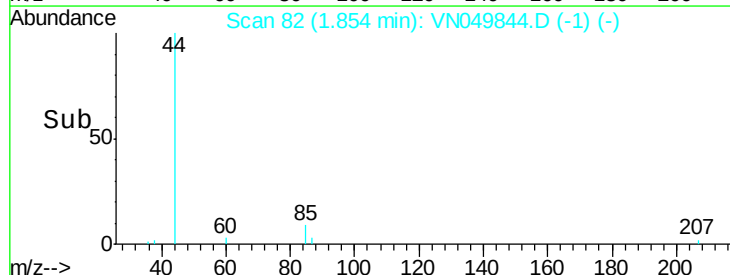
300

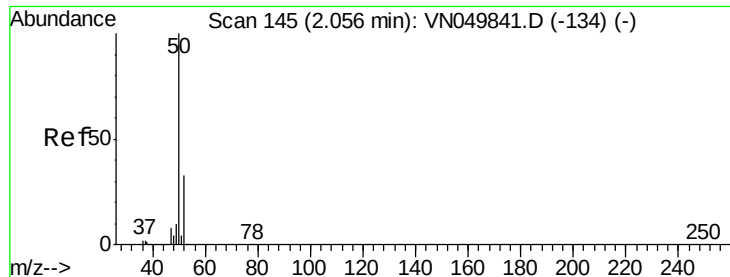
200

100

0

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

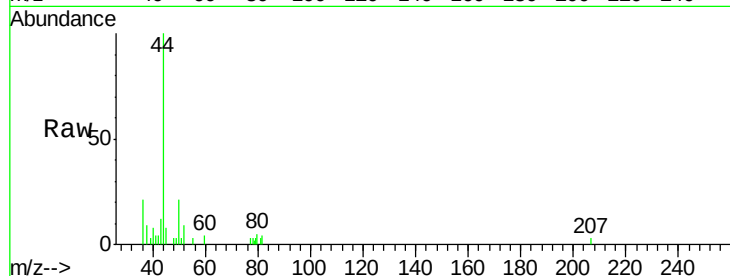
IBLK

Tot Ion: 50 Resp: 2142

Ion Ratio Lower Upper

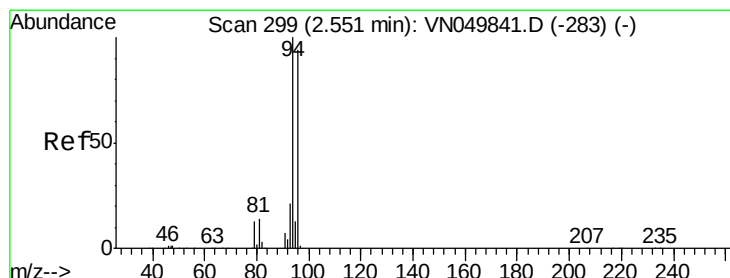
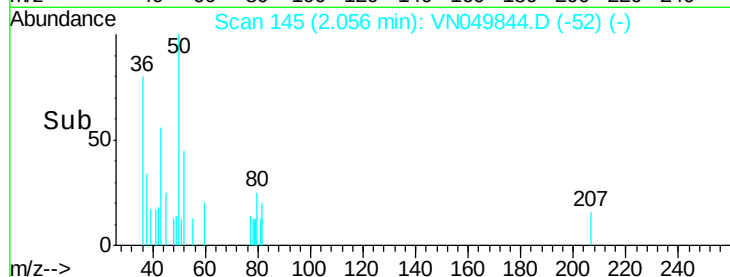
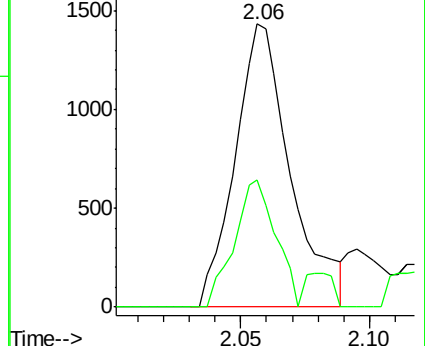
50 100

52 45.0 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN049844.D

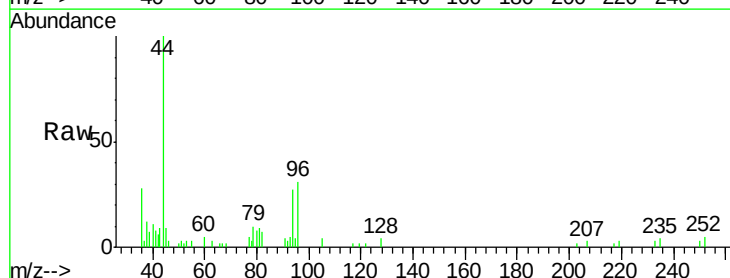
Acq: 17 Jul 2018 13:15

Tgt Ion: 94 Resp: 4381

Ion Ratio Lower Upper

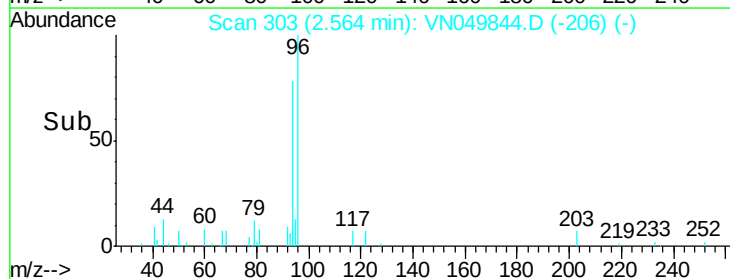
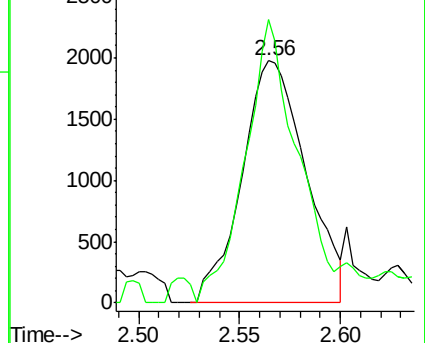
94 100

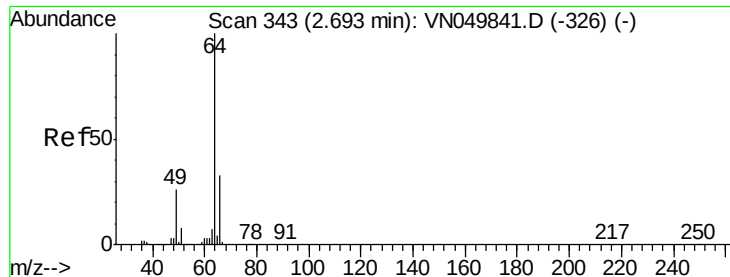
96 109.3 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#6

Chloroethane

Concen: Below Cal

RT: 2.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

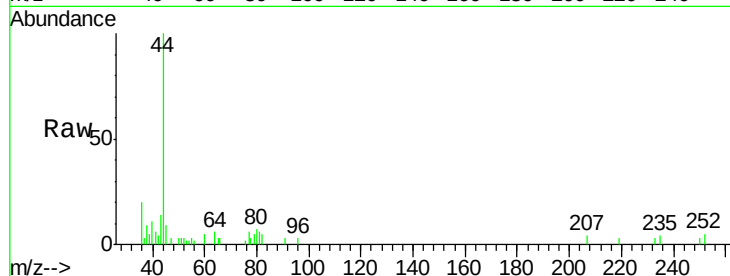
IBLK

Tot Ion: 64 Resp: 564

Ion Ratio Lower Upper

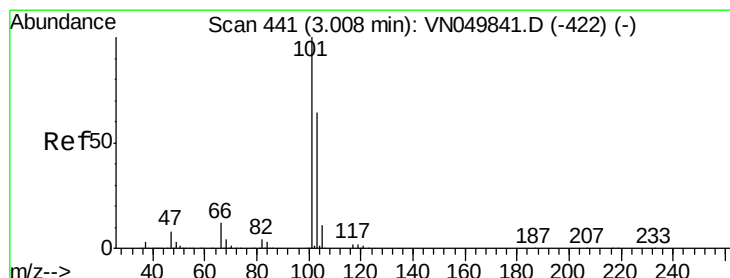
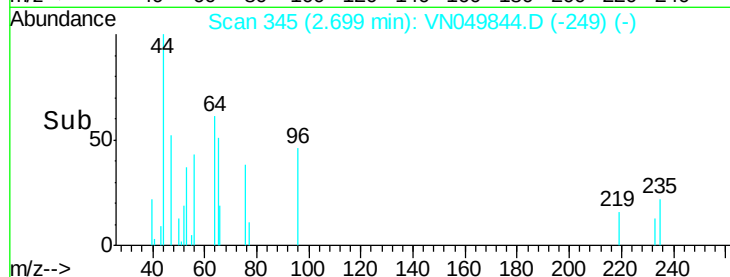
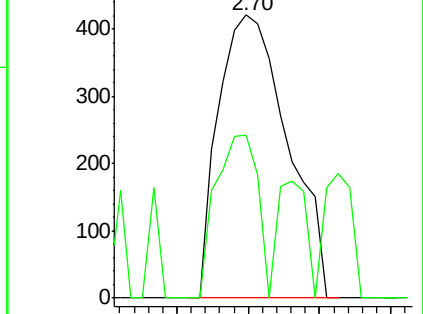
64 100

66 57.7 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VN049841.D (-326) (-)

Ion 65.90 (65.60 to 66.60): VN049841.D (-326) (-)



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 3.01 min Scan# 442

Delta R.T. 0.00 min

Lab File: VN049844.D

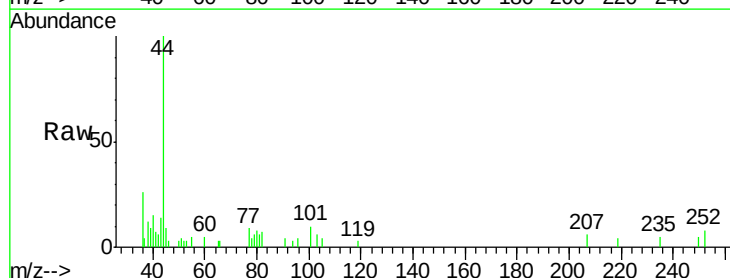
Acq: 17 Jul 2018 13:15

Tgt Ion: 101 Resp: 1035

Ion Ratio Lower Upper

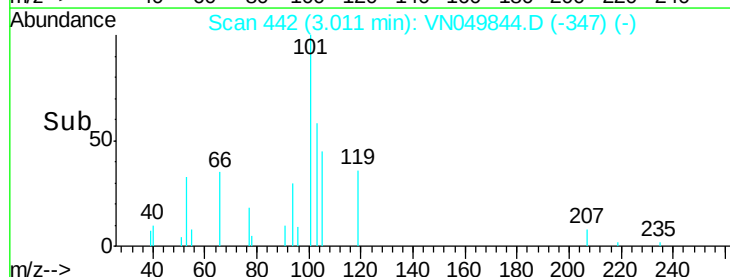
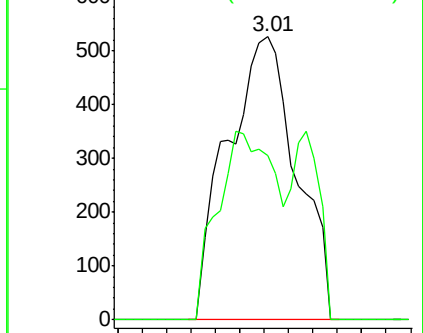
101 100

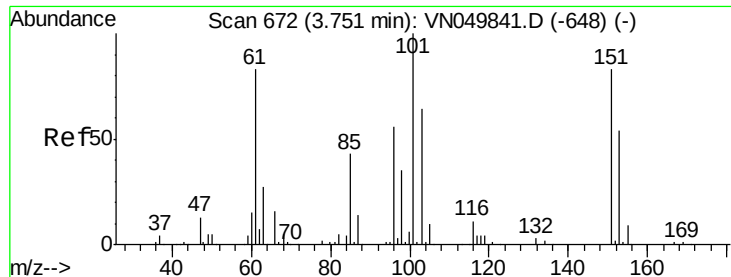
103 58.0 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): VN049841.D (-422) (-)

Ion 102.80 (102.50 to 103.50): VN049841.D (-422) (-)





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.77 min Scan# 678

Delta R.T. 0.02 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

IBLK

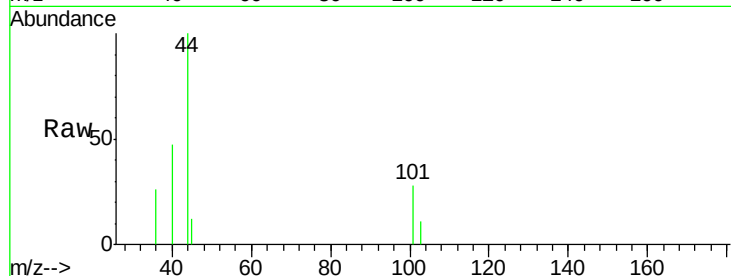
Tot Ion:101 Resp: 296

Ion Ratio Lower Upper

101 100

85 81.4 34.4 51.6#

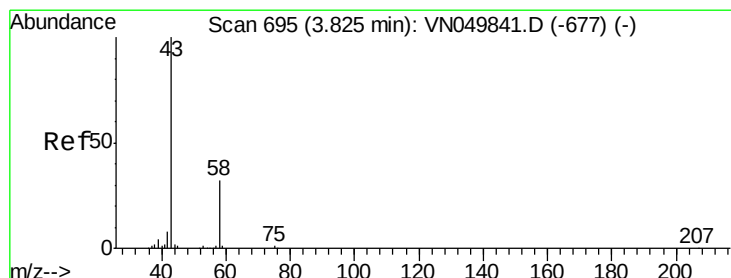
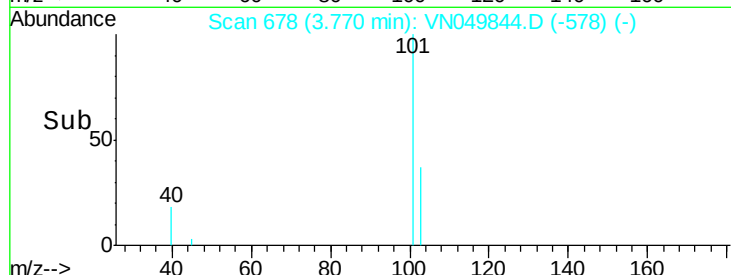
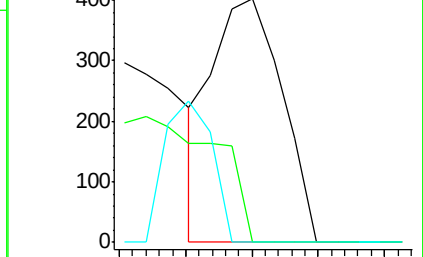
151 39.9 66.2 99.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049844.D

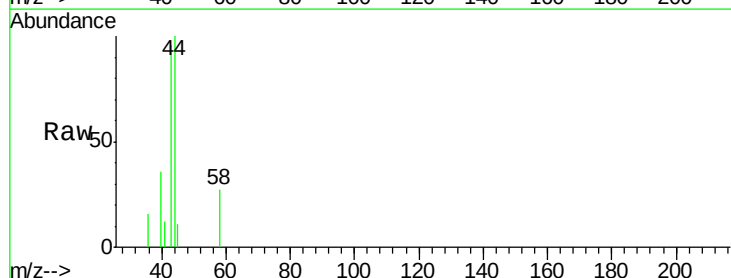
Acq: 17 Jul 2018 13:15

Tgt Ion: 43 Resp: 3433

Ion Ratio Lower Upper

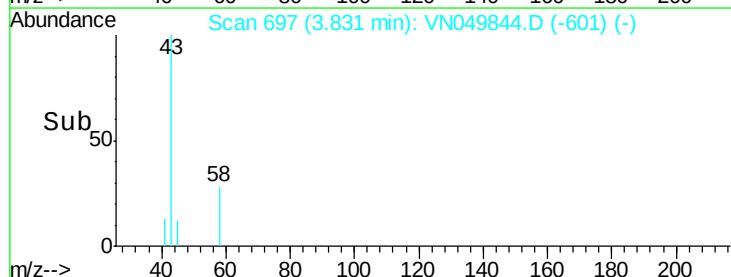
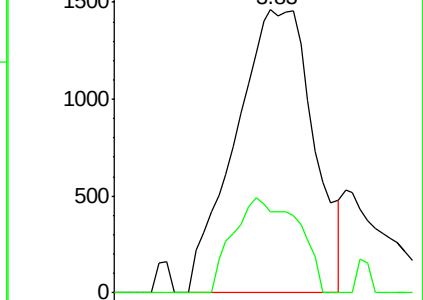
43 100

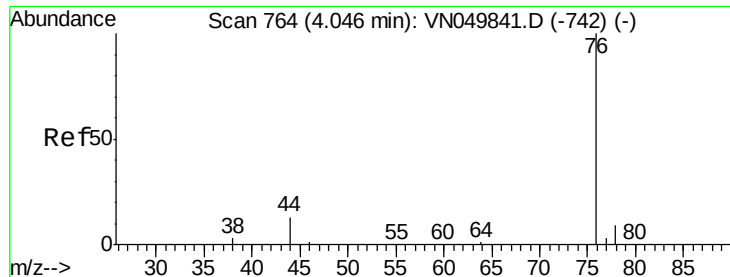
58 28.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

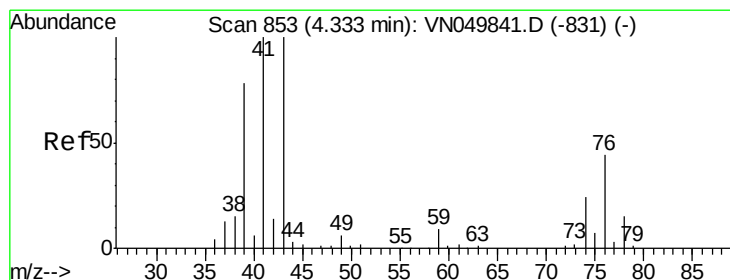
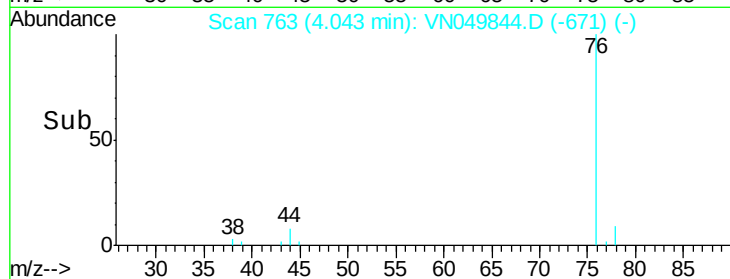
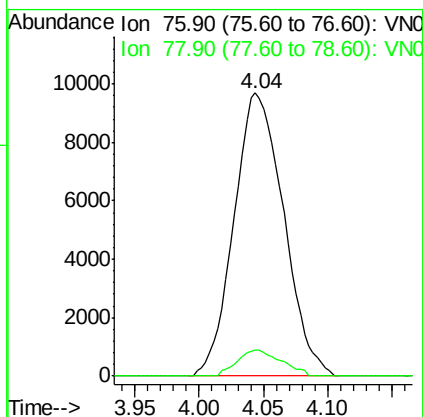
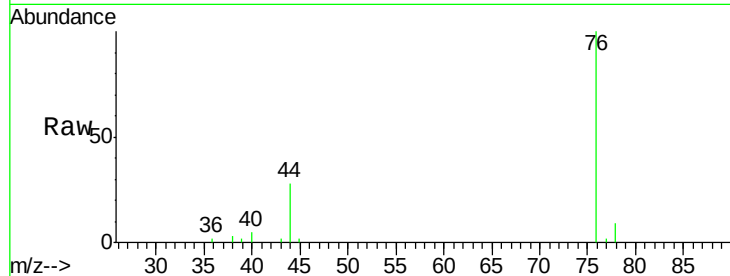




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.04 min Scan# 763
Delta R.T. -0.00 min
Lab File: VN049844.D
Acq: 17 Jul 2018 13:15

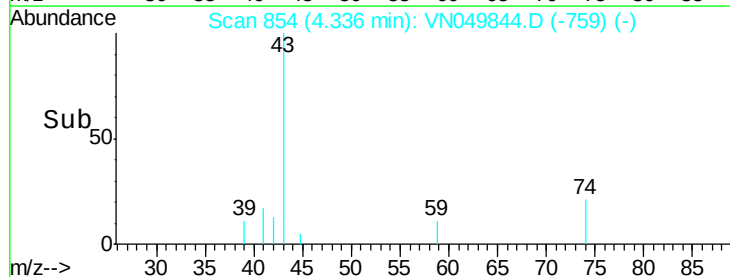
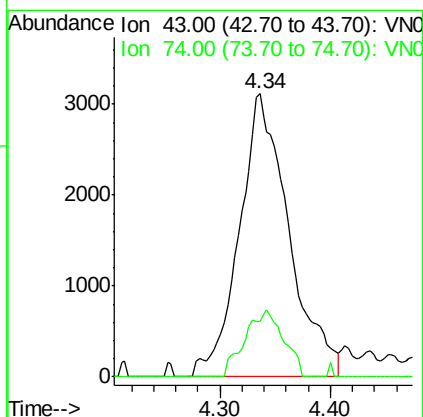
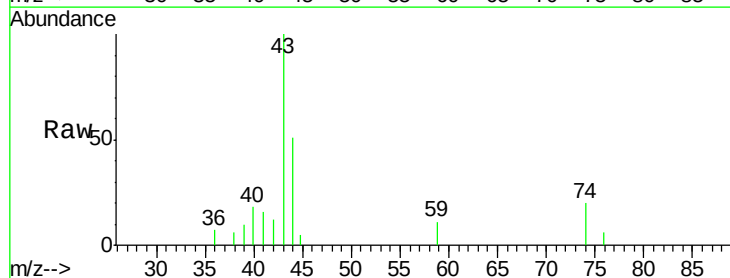
Instrument :
MSVOA_N
ClientSampled :
IBLK

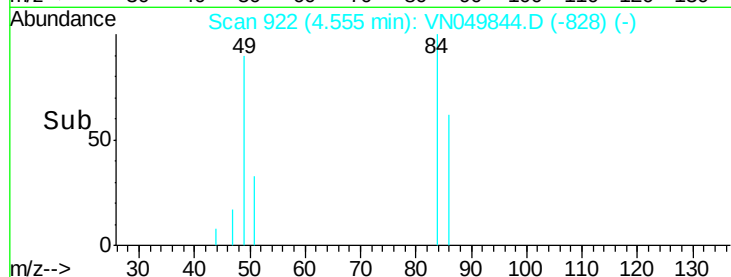
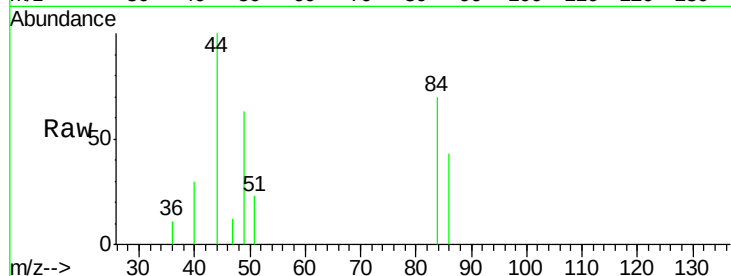
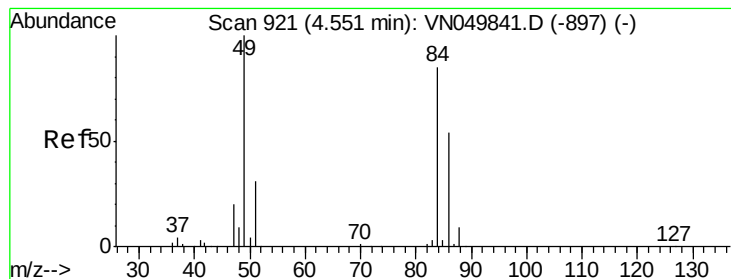
Tot Ion: 76 Resp: 25989
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN049844.D
Acq: 17 Jul 2018 13:15

Tgt Ion: 43 Resp: 9701
Ion Ratio Lower Upper
43 100
74 18.5 19.8 29.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

IBLK

Tot Ion: 84 Resp: 2507

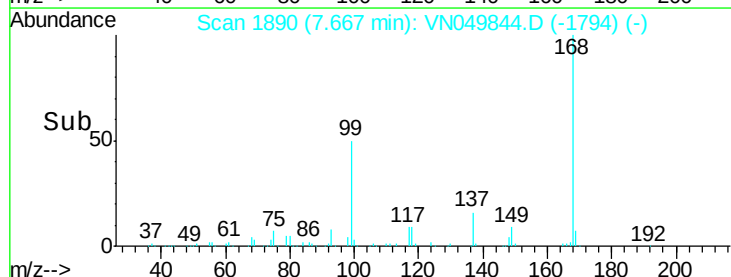
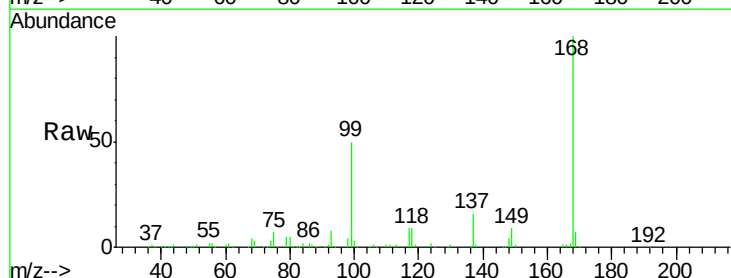
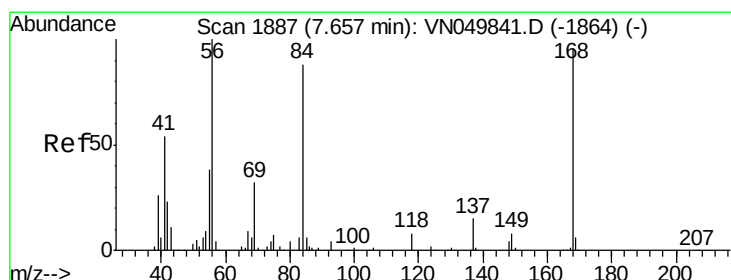
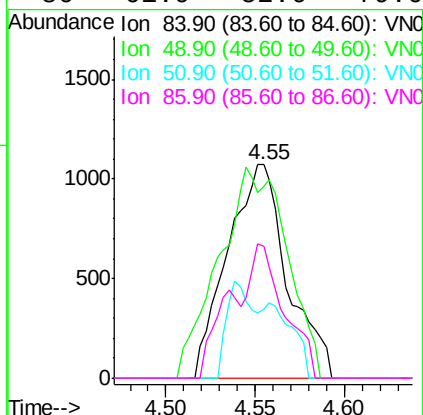
Ion Ratio Lower Upper

84 100

49 89.9 95.4 143.2#

51 32.6 28.4 42.6

86 61.9 52.6 79.0



#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

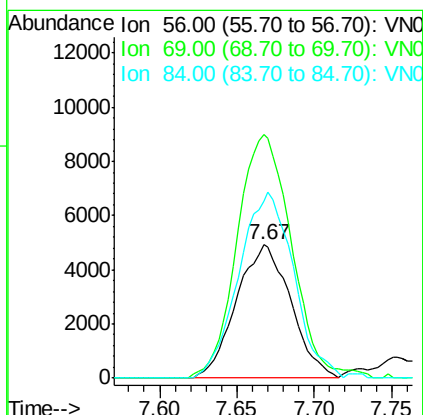
Tgt Ion: 56 Resp: 12022

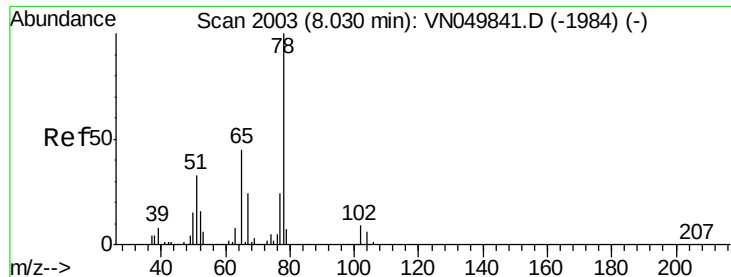
Ion Ratio Lower Upper

56 100

69 183.2 26.6 40.0#

84 133.3 69.0 103.6#

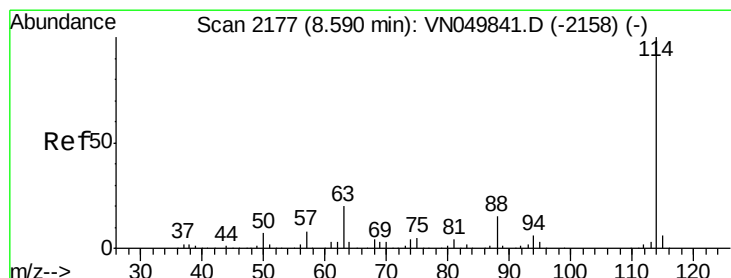
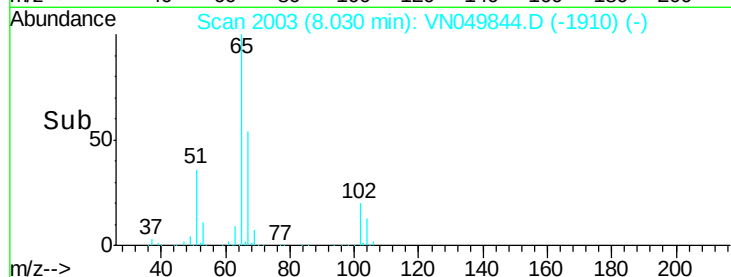
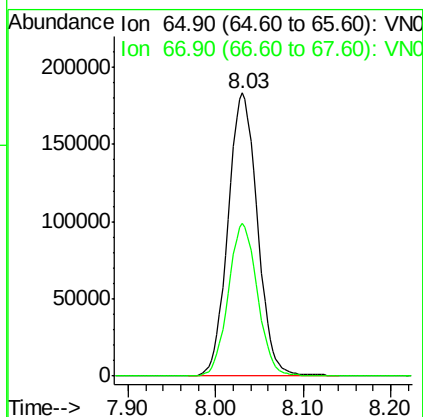
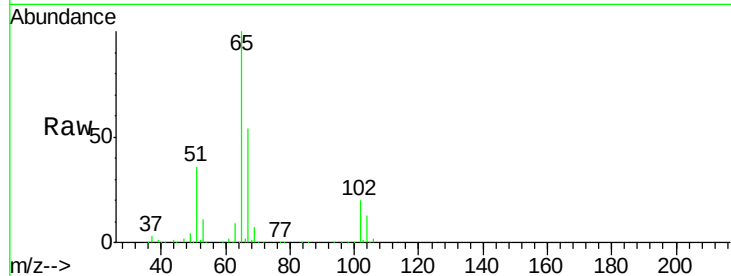




#33
 1,2-Dichloroethane-d4
 Concen: 50.41 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049844.D
 Acq: 17 Jul 2018 13:15

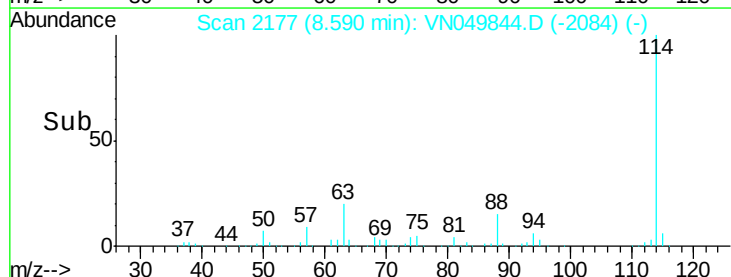
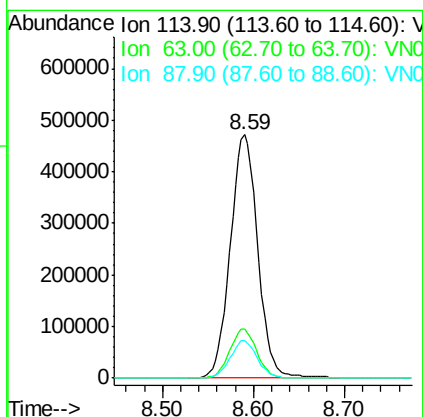
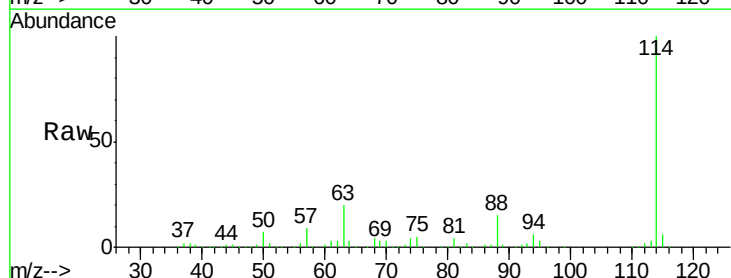
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

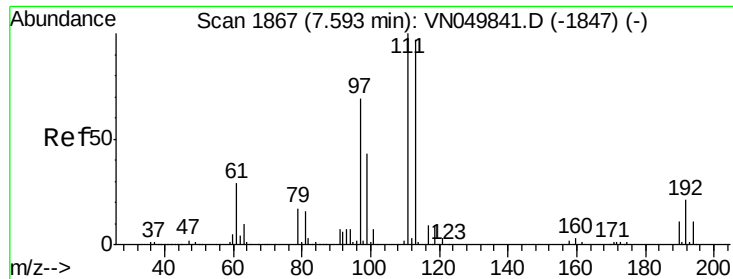
Tot Ion: 65 Resp: 428531
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049844.D
 Acq: 17 Jul 2018 13:15

Tgt Ion: 114 Resp: 988620
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.4 0.0 30.6

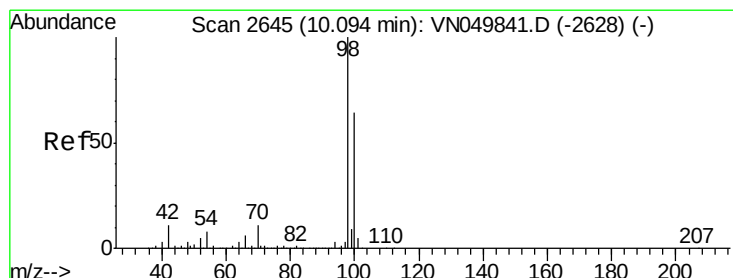
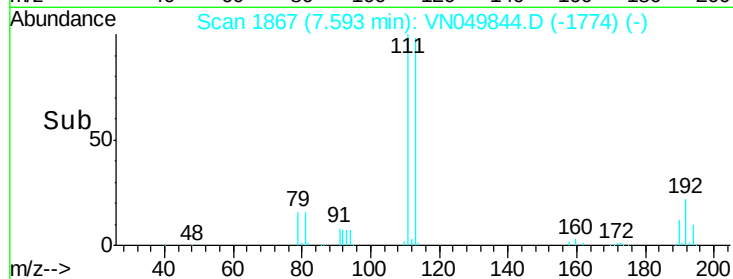
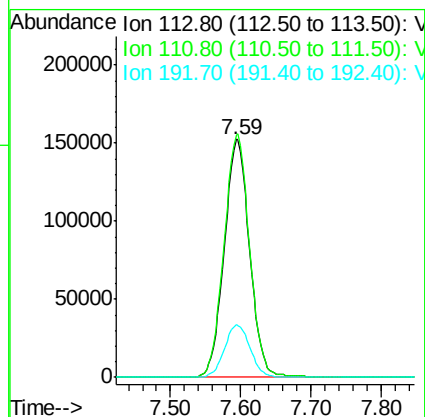
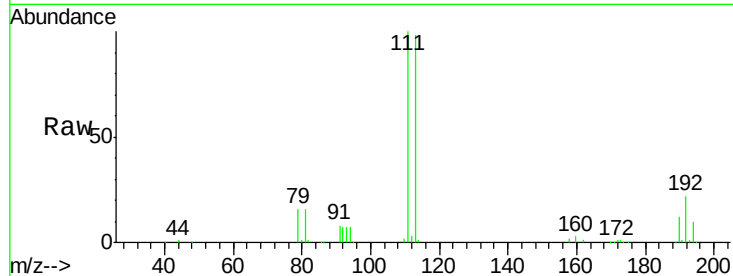




#35
 Dibromofluoromethane
 Concen: 48.85 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049844.D
 Acq: 17 Jul 2018 13:15

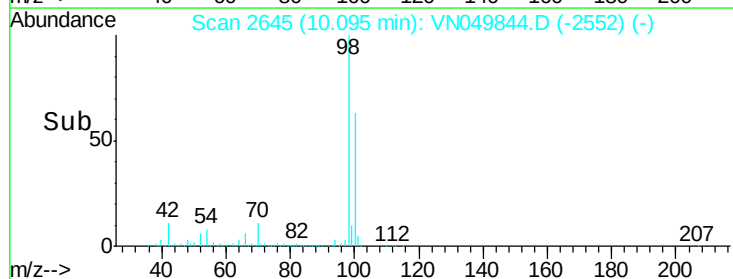
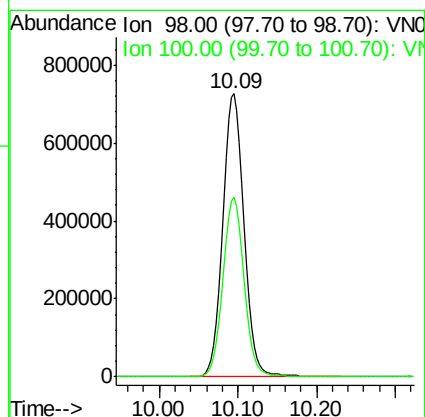
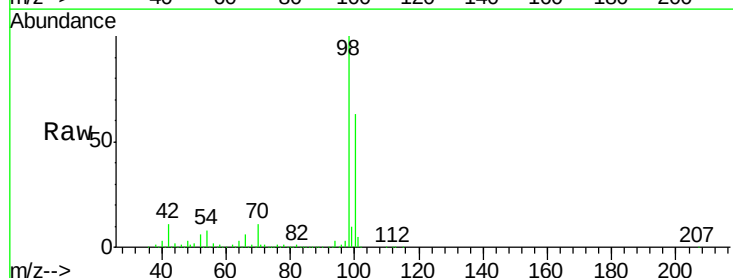
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

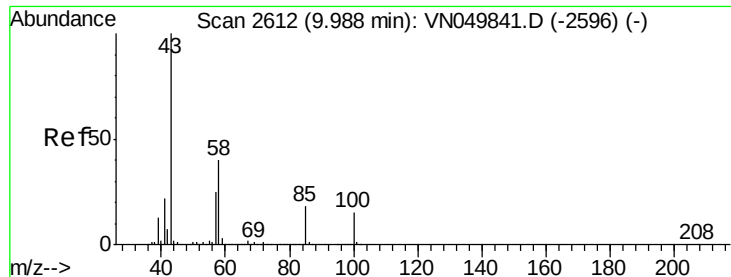
Tot Ion:113 Resp: 383080
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.8
 192 22.3 17.8 26.6



#50
 Toluene-d8
 Concen: 46.86 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049844.D
 Acq: 17 Jul 2018 13:15

Tgt Ion: 98 Resp: 1349221
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.7 77.5

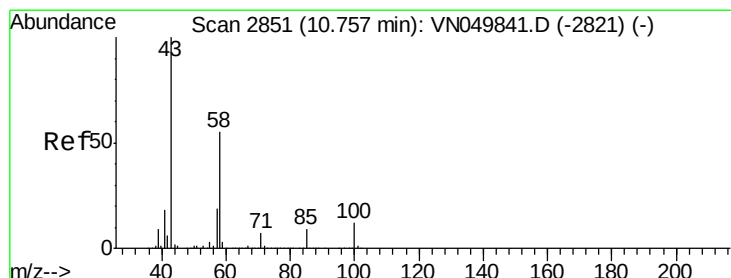
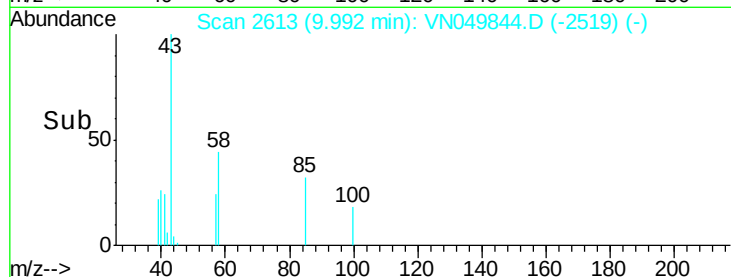
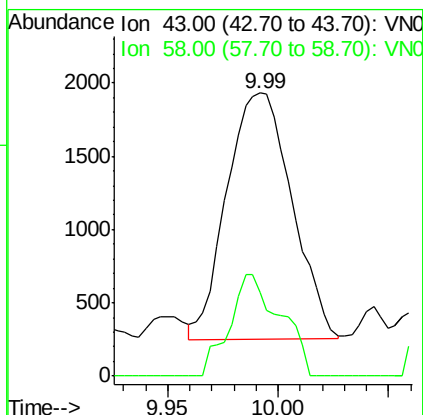
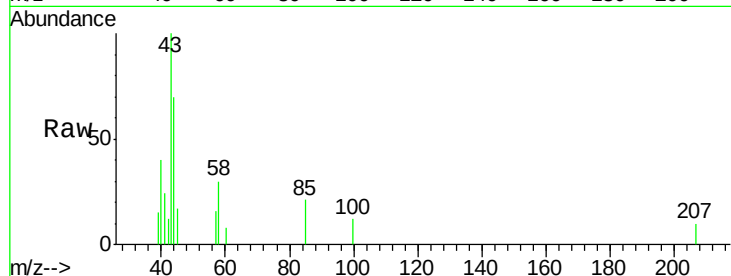




#51
 4-Methyl-2-Pentanone
 Concen: 0.44 ug/l
 RT: 9.99 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: VN049844.D
 Acq: 17 Jul 2018 13:15

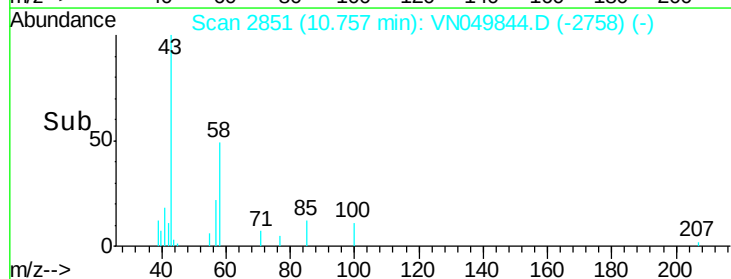
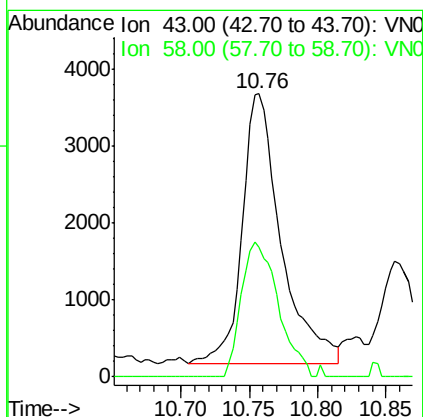
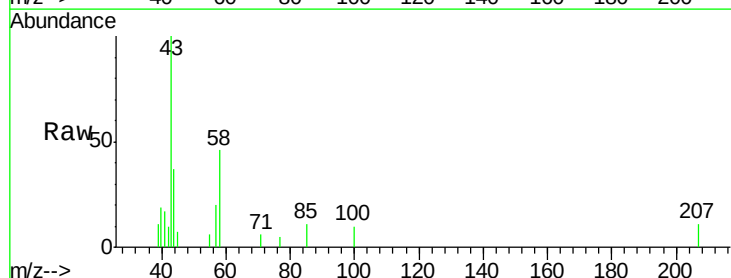
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

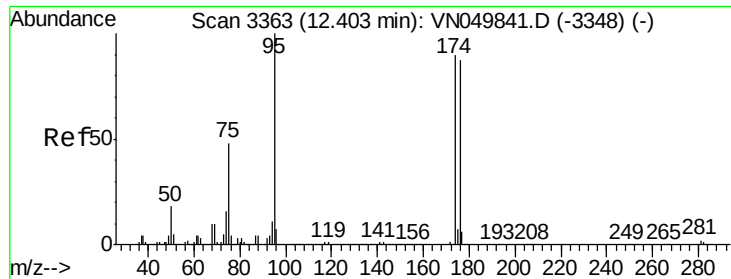
Tot Ion: 43 Resp: 3432
 Ion Ratio Lower Upper
 43 100
 58 32.3 31.8 47.8



#59
 2-Hexanone
 Concen: 1.30 ug/l
 RT: 10.76 min Scan# 2851
 Delta R.T. 0.00 min
 Lab File: VN049844.D
 Acq: 17 Jul 2018 13:15

Tgt Ion: 43 Resp: 6958
 Ion Ratio Lower Upper
 43 100
 58 47.6 27.8 83.4





#62

4-Bromofluorobenzene

Concen: 39.21 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

IBLK

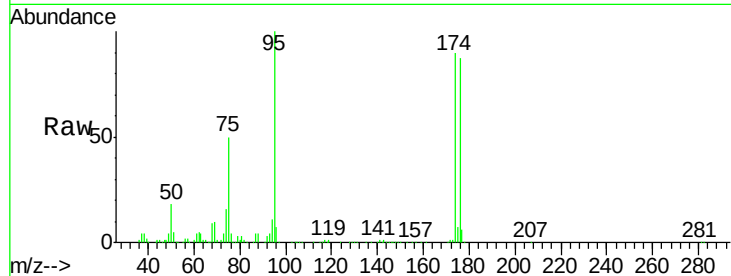
Tot Ion: 95 Resp: 378042

Ion Ratio Lower Upper

95 100

174 91.1 0.0 179.6

176 87.5 0.0 174.0

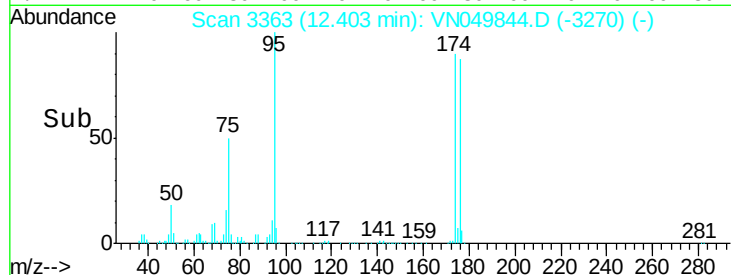


Abundance Ion 94.90 (94.60 to 95.60): VN049841.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN049841.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN049841.D (-3348) (-)

Time-->

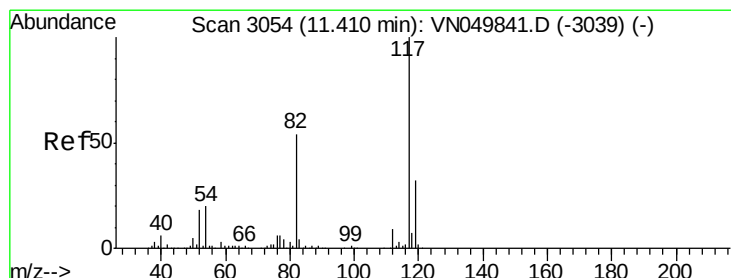


Abundance Ion 94.90 (94.60 to 95.60): VN049841.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN049841.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN049841.D (-3348) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

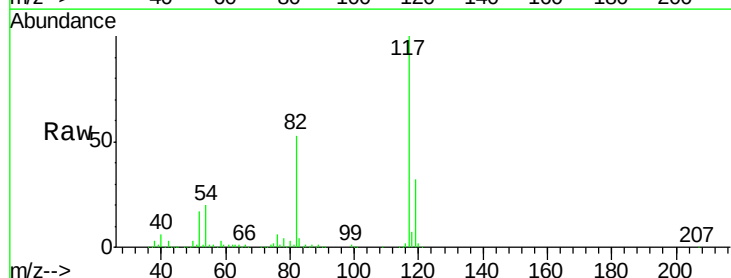
Tgt Ion: 117 Resp: 828042

Ion Ratio Lower Upper

117 100

82 53.0 41.9 62.9

119 32.1 25.4 38.2

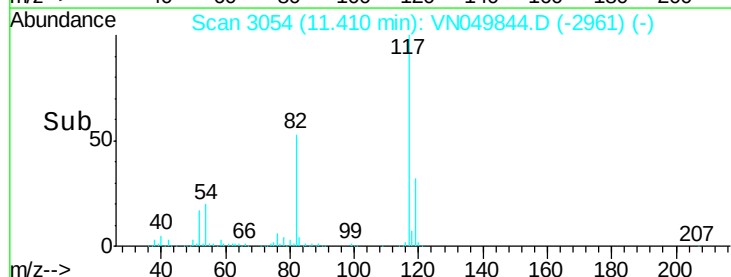


Abundance Ion 116.90 (116.60 to 117.60): VN049841.D (-3039) (-)

Ion 82.00 (81.70 to 82.70): VN049841.D (-3039) (-)

Ion 118.90 (118.60 to 119.60): VN049841.D (-3039) (-)

Time-->

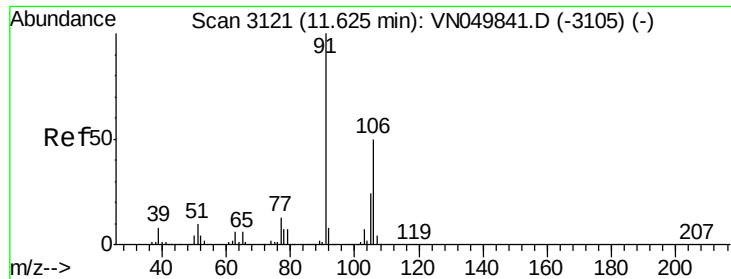


Abundance Ion 116.90 (116.60 to 117.60): VN049841.D (-3039) (-)

Ion 82.00 (81.70 to 82.70): VN049841.D (-3039) (-)

Ion 118.90 (118.60 to 119.60): VN049841.D (-3039) (-)

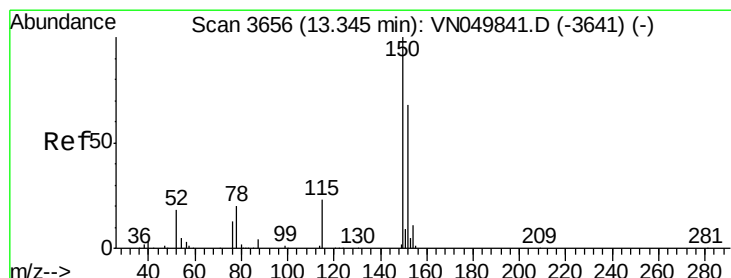
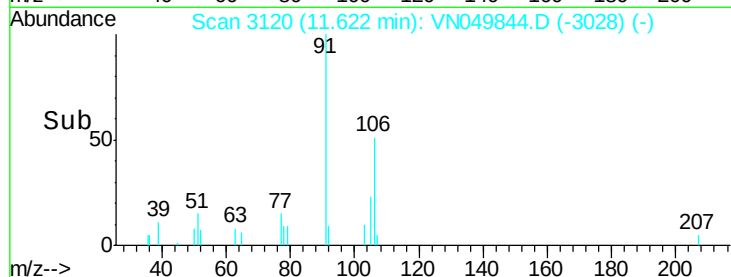
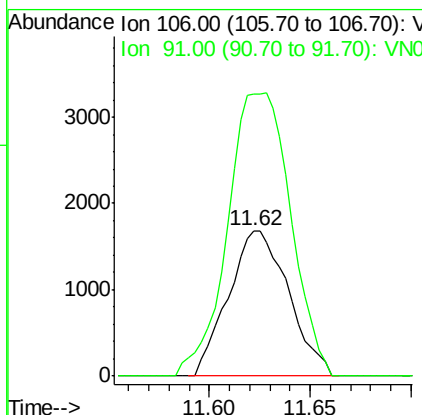
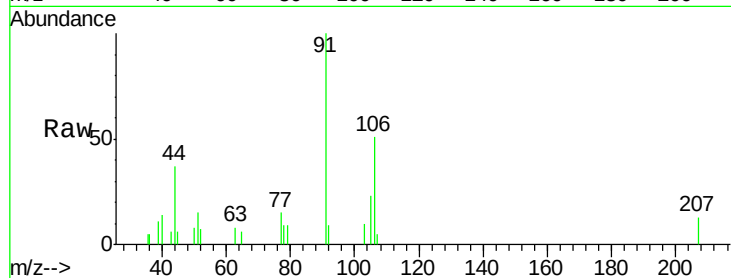
Time-->



#68
m/p-Xvlenes
Concen: 0.29 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049844.D
Acq: 17 Jul 2018 13:15

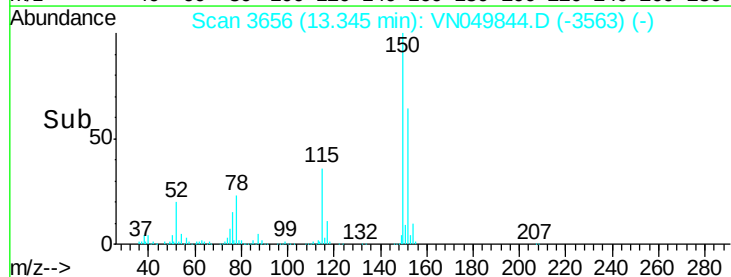
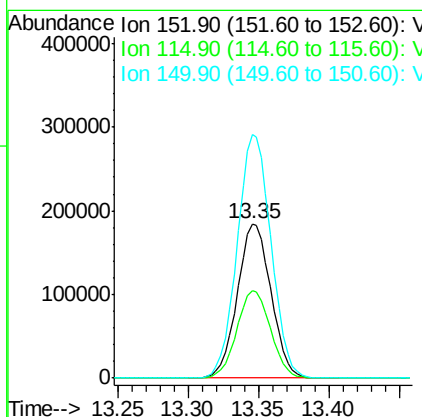
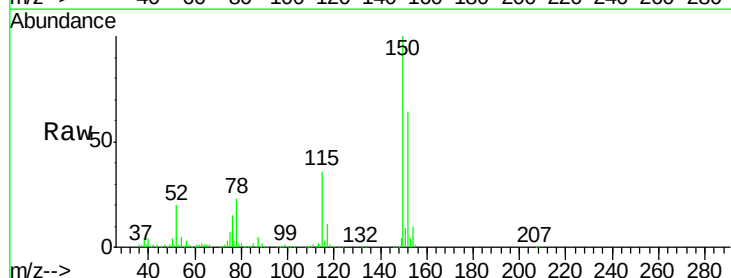
Instrument :
MSVOA_N
ClientSampled :
IBLK

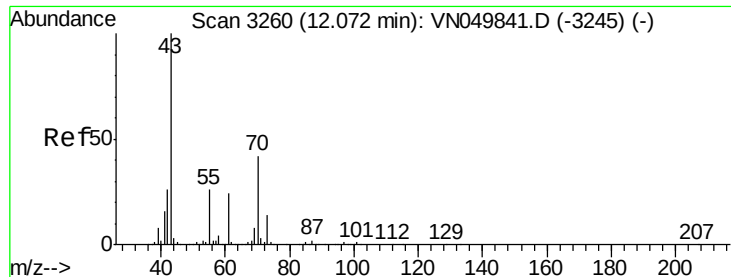
Tot Ion:106 Resp: 3495
Ion Ratio Lower Upper
106 100
91 204.2 163.4 245.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049844.D
Acq: 17 Jul 2018 13:15

Tgt Ion:152 Resp: 308305
Ion Ratio Lower Upper
152 100
115 56.7 28.1 84.2
150 158.3 0.0 347.6

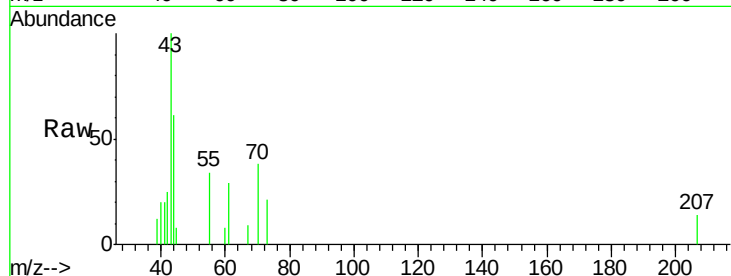




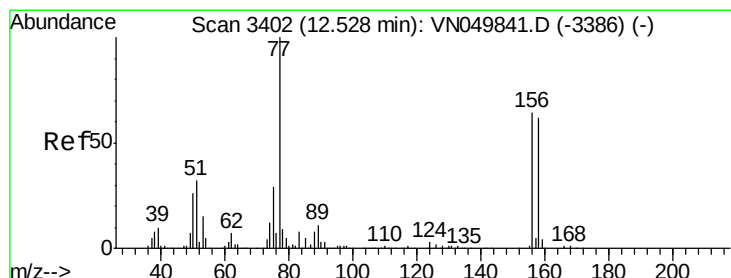
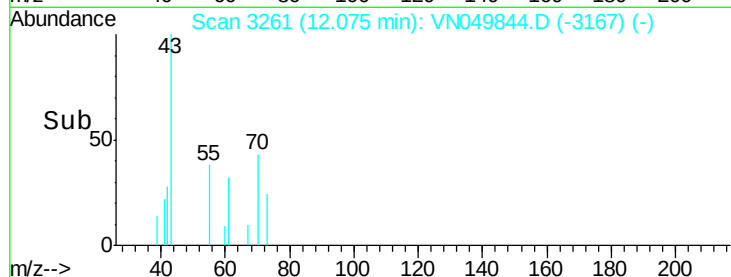
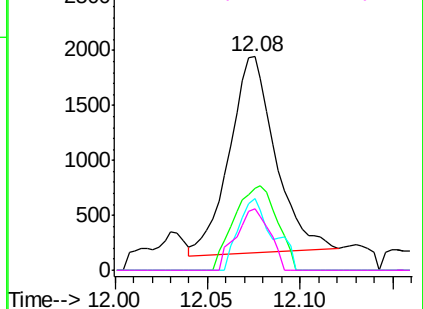
#74
N-amyl acetate
Concen: 0.42 ug/l
RT: 12.08 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN049844.D
Acq: 17 Jul 2018 13:15

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tot Ion:	43	Resp:	3082
Ion	Ratio	Lower	Upper
43	100		
70	39.9	34.8	52.2
55	27.1	20.9	31.3
61	22.9	19.9	29.9

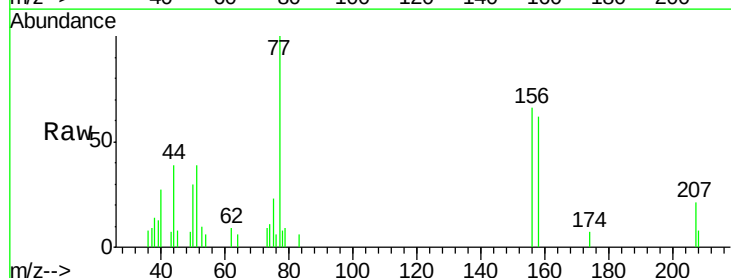


Abundance Ion 43.00 (42.70 to 43.70): VN049841.D (-3245) (-)
Ion 70.00 (69.70 to 70.70): VN049841.D (-3245) (-)
Ion 55.00 (54.70 to 55.70): VN049841.D (-3245) (-)
Ion 61.00 (60.70 to 61.70): VN049841.D (-3245) (-)

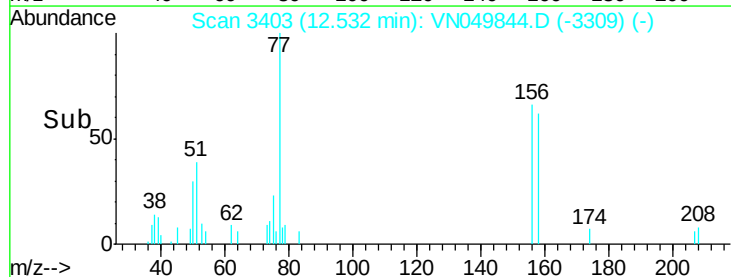
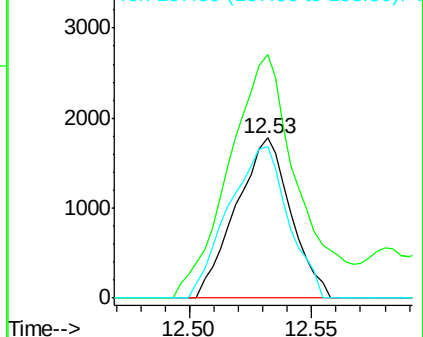


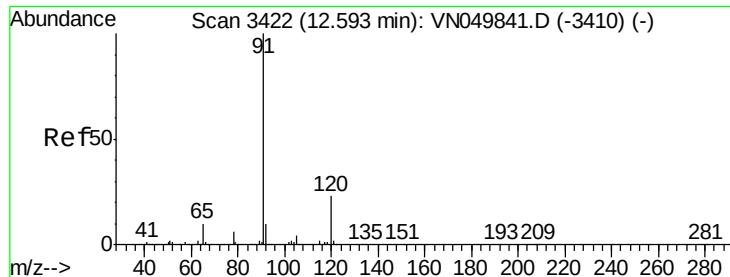
#77
Bromobenzene
Concen: 0.45 ug/l
RT: 12.53 min Scan# 3403
Delta R.T. 0.00 min
Lab File: VN049844.D
Acq: 17 Jul 2018 13:15

Tgt Ion:	156	Resp:	2767
Ion	Ratio	Lower	Upper
156	100		
77	190.9	90.2	270.6
158	102.9	49.1	147.3



Abundance Ion 155.80 (155.50 to 156.50): VN049841.D (-3386) (-)
Ion 77.00 (76.70 to 77.70): VN049841.D (-3386) (-)
Ion 157.80 (157.50 to 158.50): VN049841.D (-3386) (-)





#78

n-propylbenzene

Concen: 0.30 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

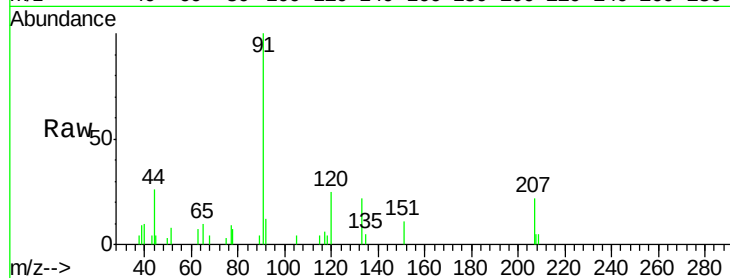
IBLK

Tot Ion: 91 Resp: 7593

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN049841.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN049841.D (-3410) (-)

12.60

5000

4000

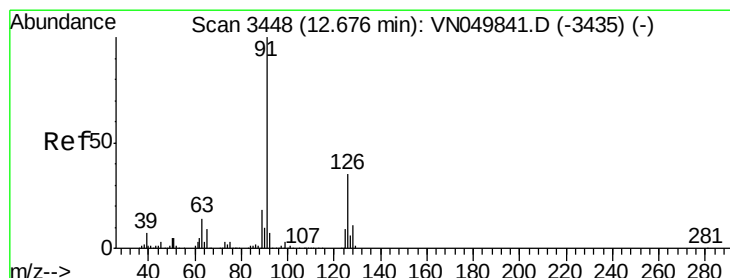
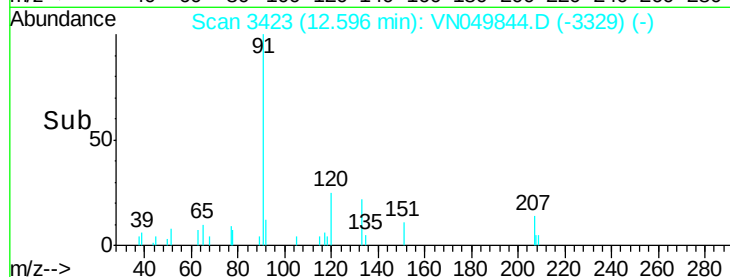
3000

2000

1000

0

Time-->



#79

2-Chlorotoluene

Concen: 0.26 ug/l

RT: 12.68 min Scan# 3449

Delta R.T. 0.00 min

Lab File: VN049844.D

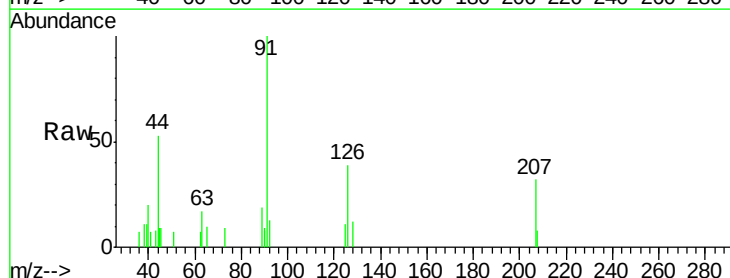
Acq: 17 Jul 2018 13:15

Tgt Ion: 91 Resp: 4099

Ion Ratio Lower Upper

91 100

126 36.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN049841.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN049841.D (-3435) (-)

12.68

2500

2000

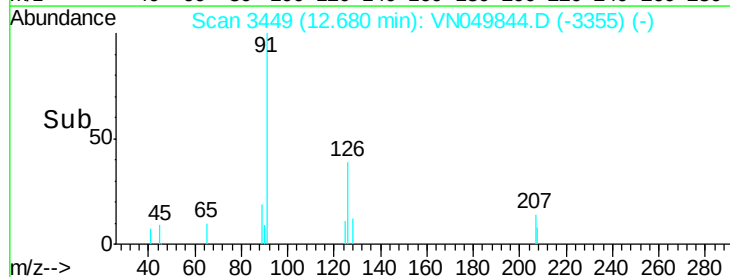
1500

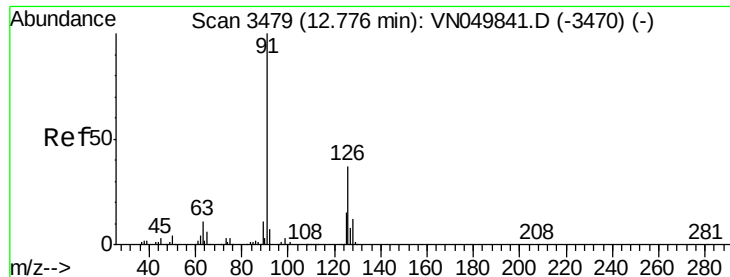
1000

500

0

Time-->





#82

4-Chlorotoluene

Concen: 0.49 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

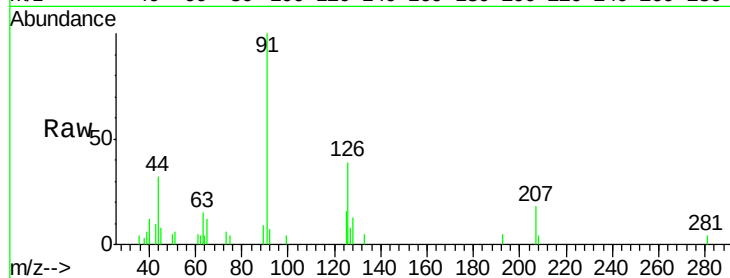
IBLK

Tot Ion: 91 Resp: 7513

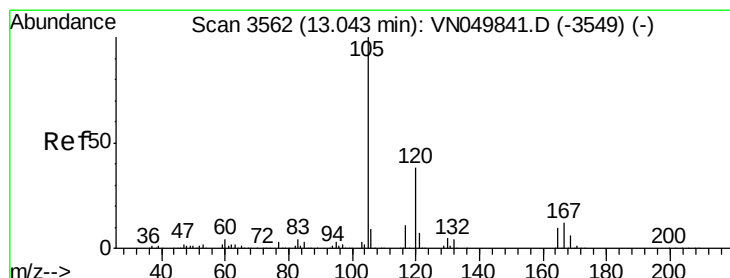
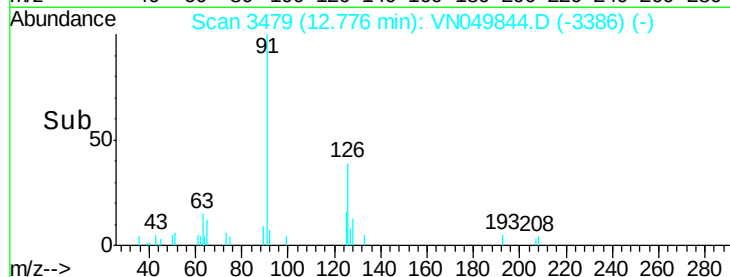
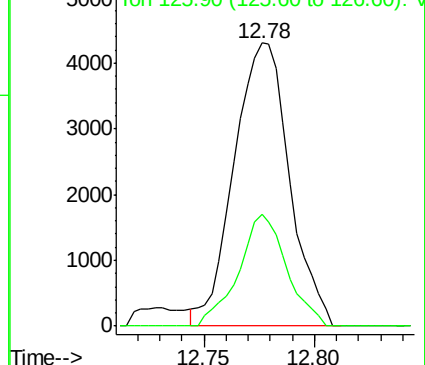
Ion Ratio Lower Upper

91 100

126 34.3 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN049841.D (-3470) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.22 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049844.D

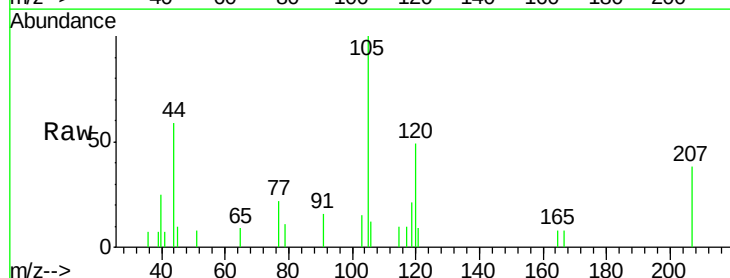
Acq: 17 Jul 2018 13:15

Tgt Ion: 105 Resp: 3975

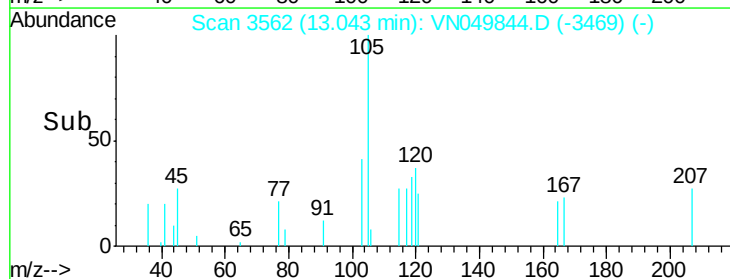
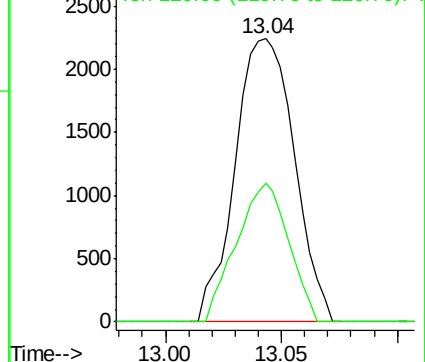
Ion Ratio Lower Upper

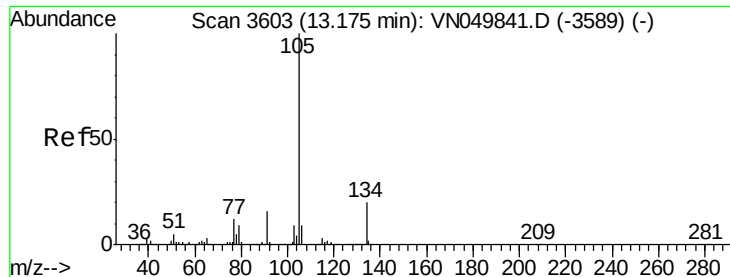
105 100

120 43.2 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): VN049841.D (-3549) (-)





#85

sec-Butylbenzene

Concen: 0.22 ug/l

RT: 13.18 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

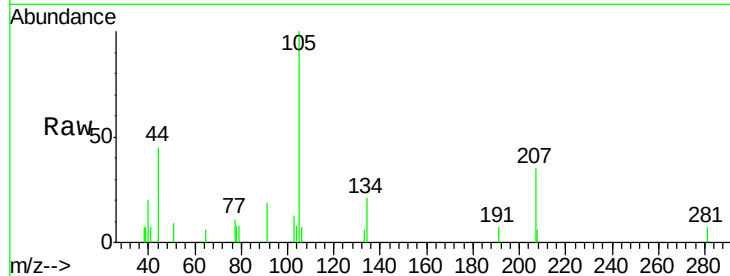
IBLK

Tot Ion:105 Resp: 4564

Ion Ratio Lower Upper

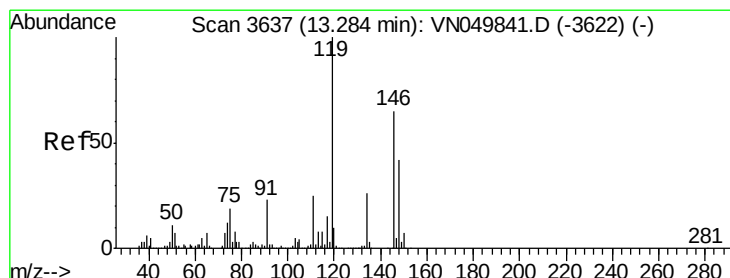
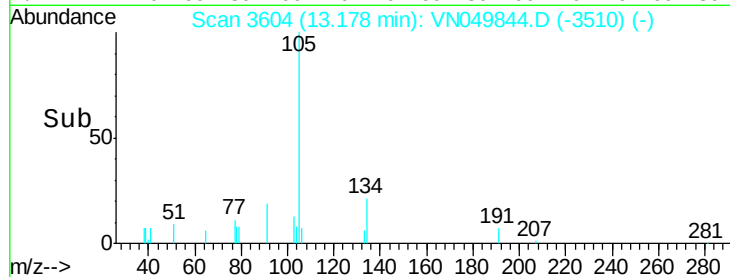
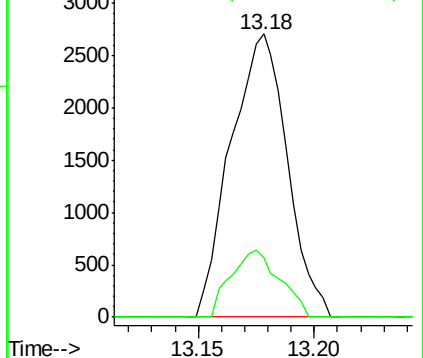
105 100

134 20.5 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#87

1,3-Dichlorobenzene

Concen: 0.63 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.01 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

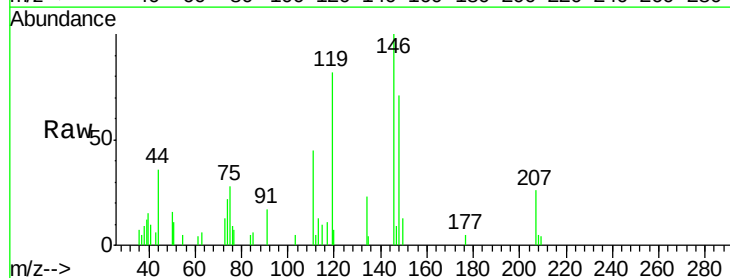
Tgt Ion:146 Resp: 6611

Ion Ratio Lower Upper

146 100

111 38.7 19.0 57.0

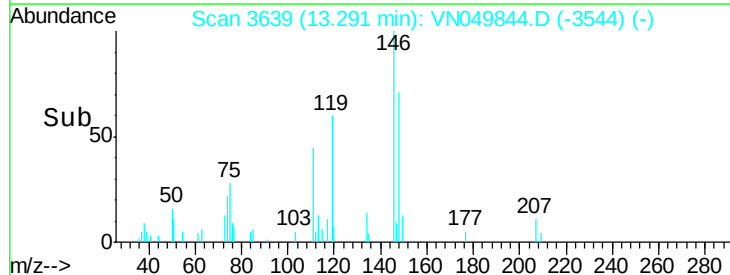
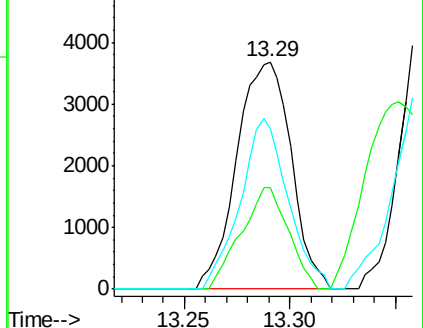
148 66.1 32.5 97.5

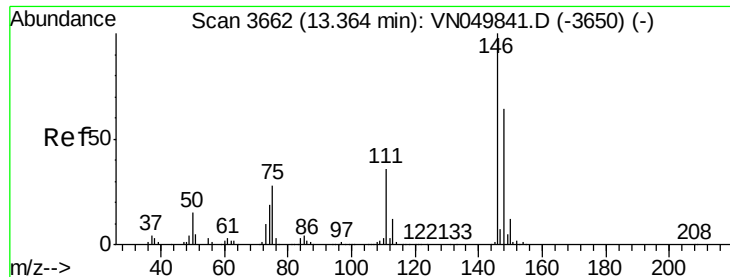


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

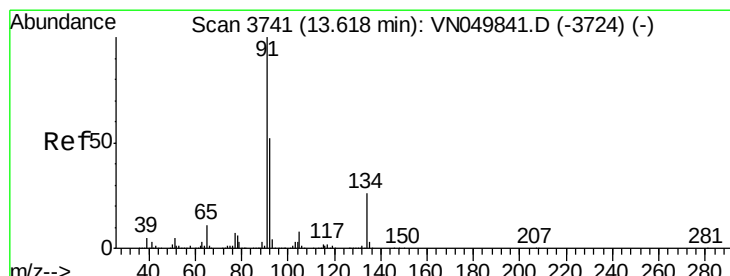
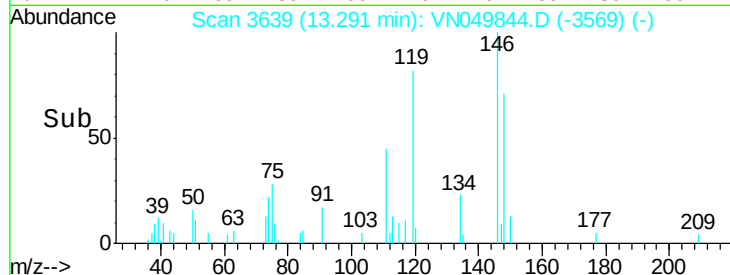
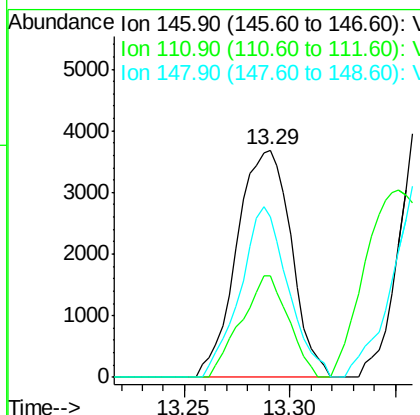
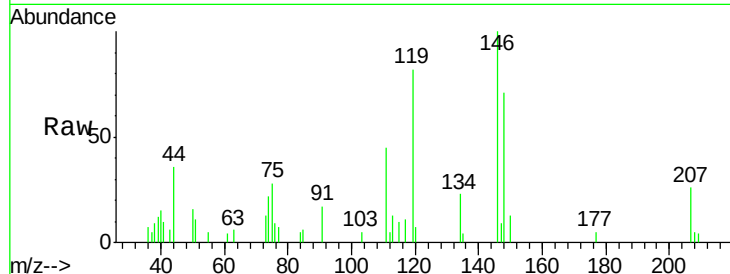




#88
 1,4-Dichlorobenzene
 Concen: 0.64 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.07 min
 Lab File: VN049844.D
 Acq: 17 Jul 2018 13:15

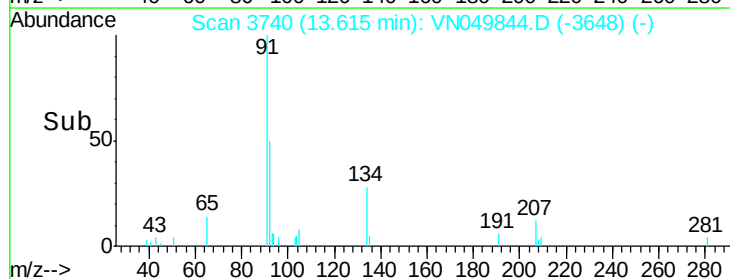
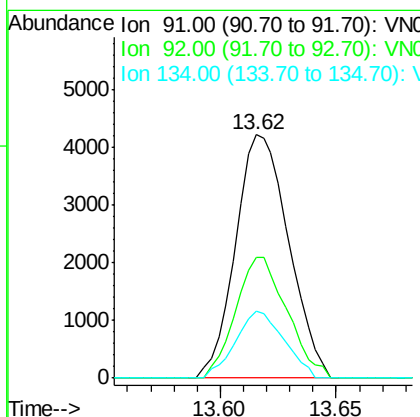
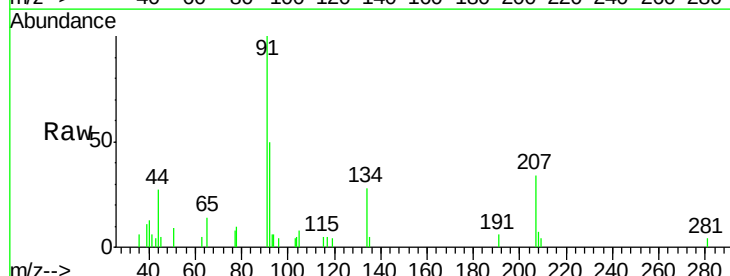
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

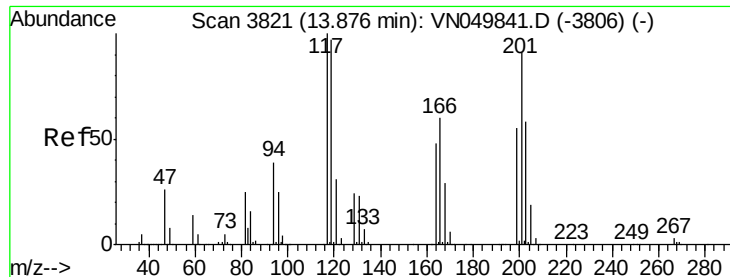
Tot Ion:146 Resp: 6611
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.9 56.5
 148 66.1 32.1 96.3



#89
 n-Butylbenzene
 Concen: 0.47 ug/l
 RT: 13.62 min Scan# 3740
 Delta R.T. -0.00 min
 Lab File: VN049844.D
 Acq: 17 Jul 2018 13:15

Tgt Ion: 91 Resp: 6710
 Ion Ratio Lower Upper
 91 100
 92 47.8 25.8 77.3
 134 25.1 13.0 38.9





#90

Hexachloroethane

Concen: Below Cal

RT: 13.87 min Scan# 3819

Delta R.T. -0.01 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

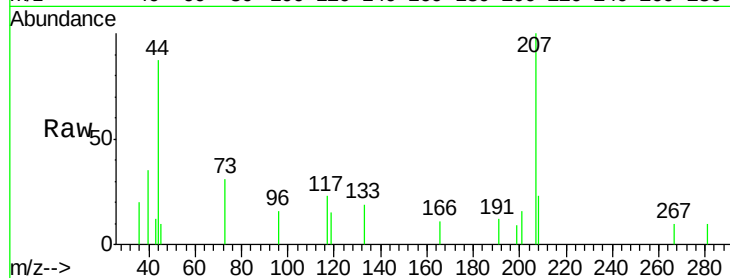
IBLK

Tot Ion:117 Resp: 630

Ion Ratio Lower Upper

117 100

201 88.6 45.3 135.8

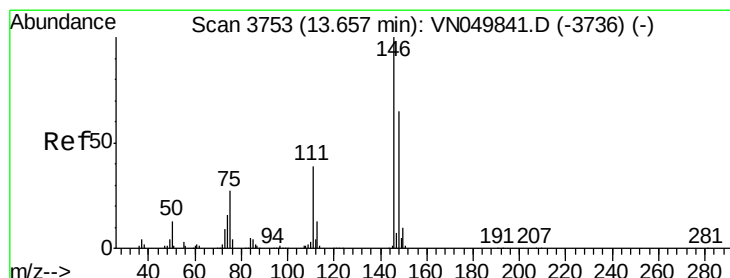
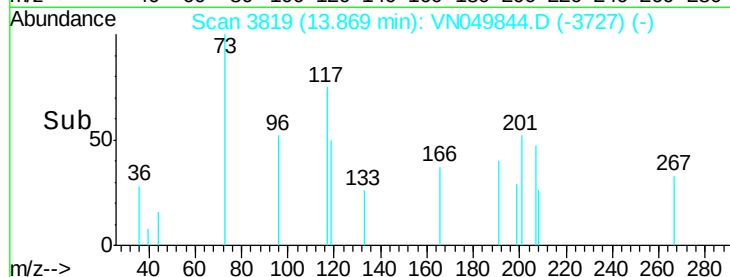


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

Time-->

13.85 13.90



#91

1,2-Dichlorobenzene

Concen: 0.56 ug/l

RT: 13.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

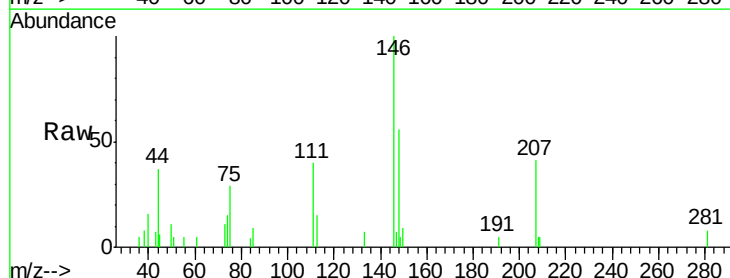
Tgt Ion:146 Resp: 6032

Ion Ratio Lower Upper

146 100

111 38.8 19.7 59.1

148 62.6 32.0 96.2



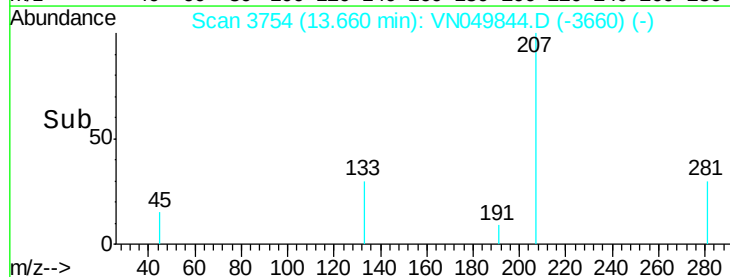
Abundance Ion 145.90 (145.60 to 146.60): V

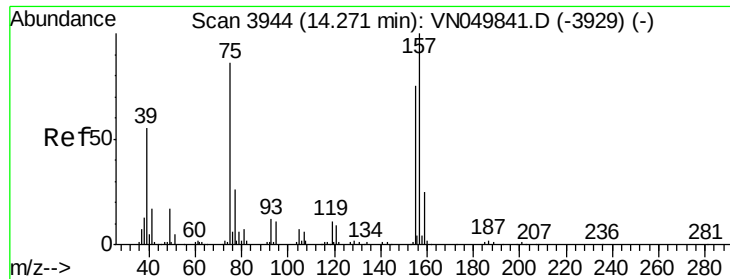
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

Time-->

13.60 13.65 13.70





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.28 min Scan# 3946

Delta R.T. 0.01 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

IBLK

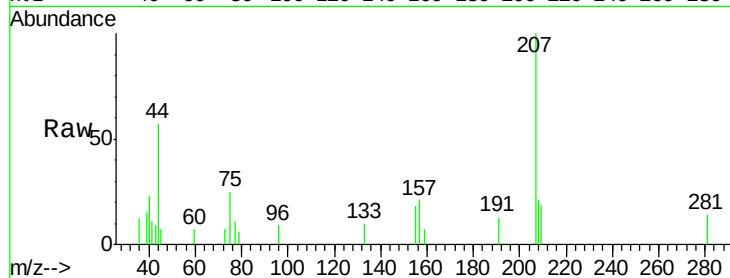
Tot Ion: 75 Resp: 1097

Ion Ratio Lower Upper

75 100

155 76.8 45.7 137.1

157 67.9 56.9 170.7

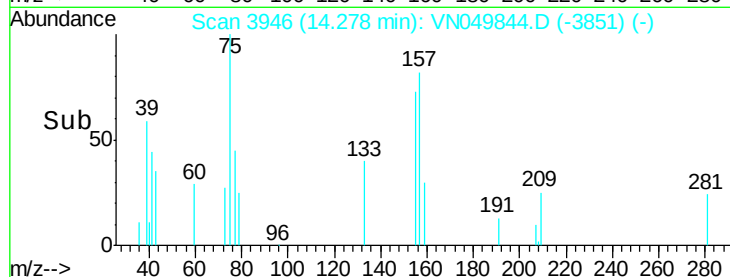


Abundance Ion 74.90 (74.60 to 75.60): VN049841.D (-3929) (-)

Ion 154.80 (154.50 to 155.50): VN049841.D (-3929) (-)

Ion 156.80 (156.50 to 157.50): VN049841.D (-3929) (-)

Time-->

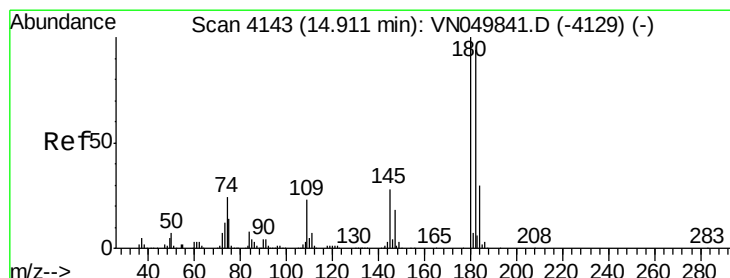


Abundance Ion 74.90 (74.60 to 75.60): VN049841.D (-3929) (-)

Ion 154.80 (154.50 to 155.50): VN049841.D (-3929) (-)

Ion 156.80 (156.50 to 157.50): VN049841.D (-3929) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.98 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

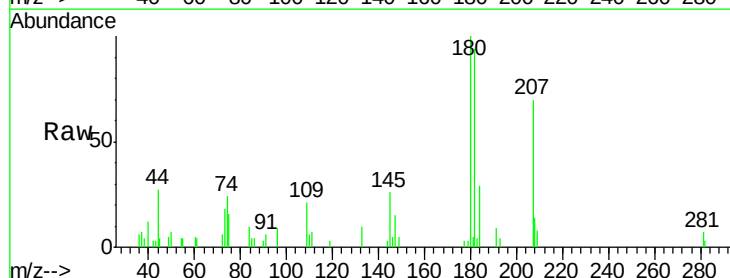
Tgt Ion: 180 Resp: 9409

Ion Ratio Lower Upper

180 100

182 92.8 47.3 141.9

145 26.8 14.4 43.0

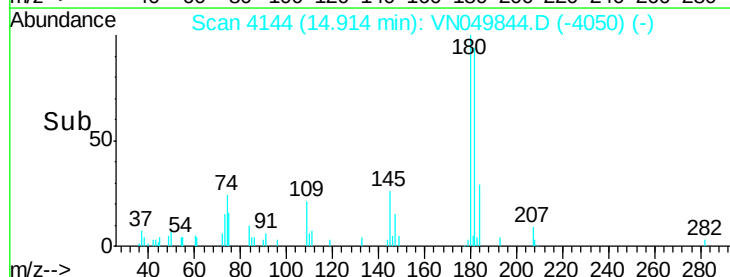


Abundance Ion 179.80 (179.50 to 180.50): VN049841.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN049841.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN049841.D (-4129) (-)

Time-->

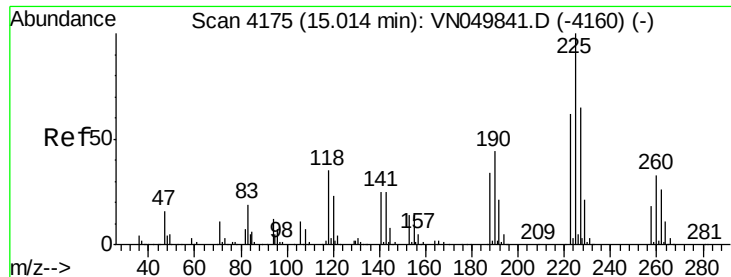


Abundance Ion 179.80 (179.50 to 180.50): VN049841.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN049841.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN049841.D (-4129) (-)

Time-->



#94

Hexachlorobutadiene

Concen: 2.11 ug/l

RT: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

IBLK

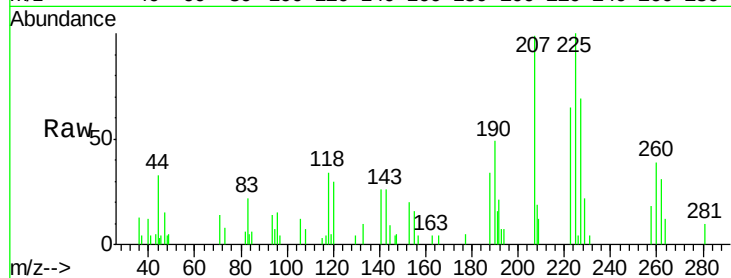
Tot Ion:225 Resp: 7036

Ion Ratio Lower Upper

225 100

223 66.0 30.9 92.7

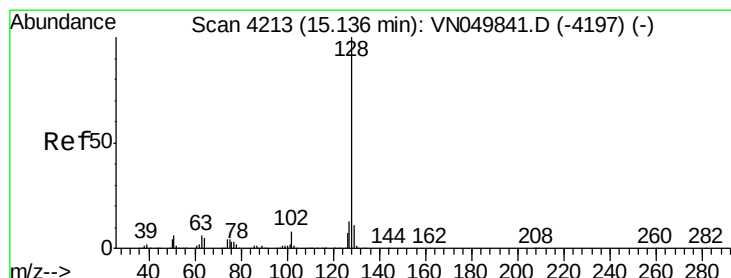
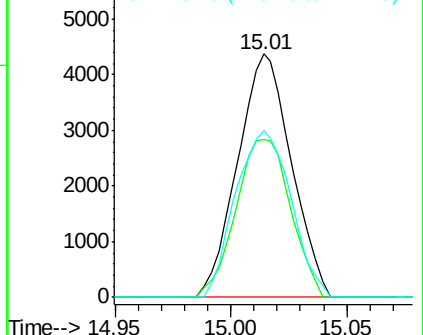
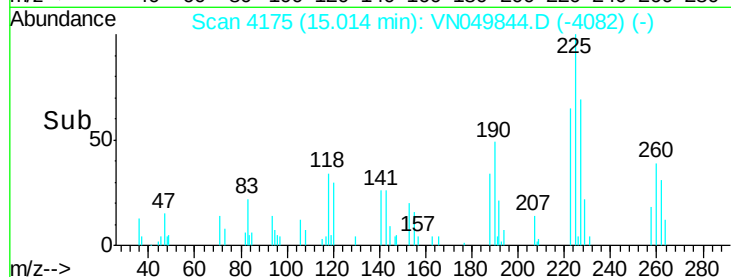
227 70.8 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 5.05 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049844.D

Acq: 17 Jul 2018 13:15

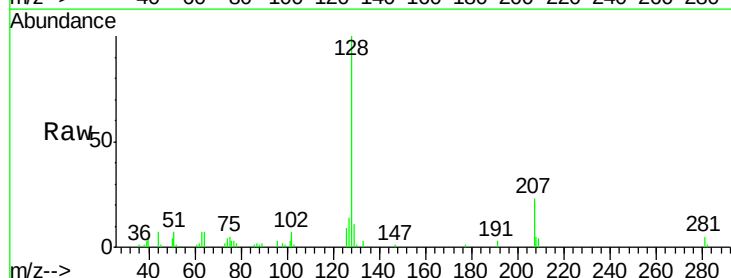
Tgt Ion:128 Resp: 31159

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

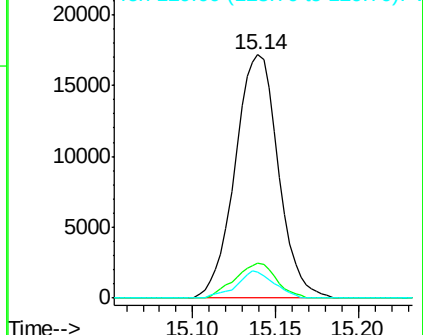
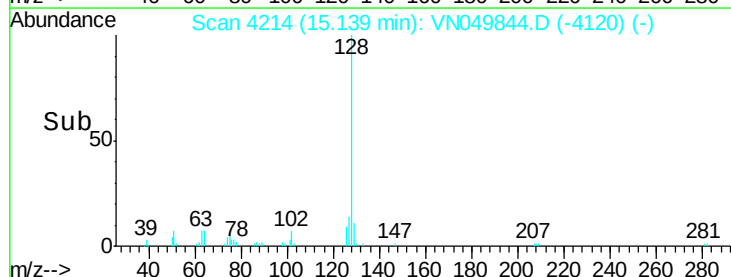
129 9.6 8.6 13.0

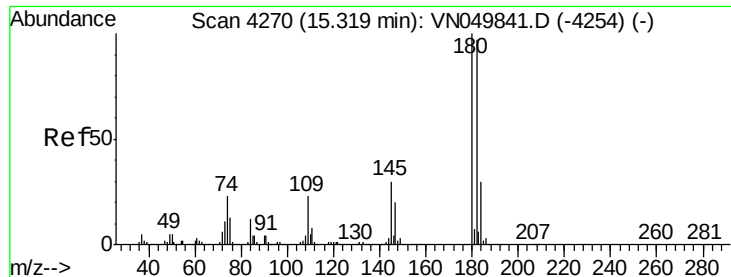


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.29 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN049844.D
 Acq: 17 Jul 2018 13:15

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tot Ion:180 Resp: 11542
 Ion Ratio Lower Upper
 180 100
 182 91.8 47.4 142.2
 145 30.2 15.2 45.6

