

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082918\
 Data File : VN050949.D
 Acq On : 29 Aug 2018 14:28
 Operator : MD\SY
 Sample : J4663-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 6722AA

Quant Time: Aug 30 01:02:09 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	595275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	982530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	825025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	299475	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	391450	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
35) Dibromofluoromethane	7.59	113	370551	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	10.09	98	1326750	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
62) 4-Bromofluorobenzene	12.40	95	363142	37.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.78%	

Target Compounds

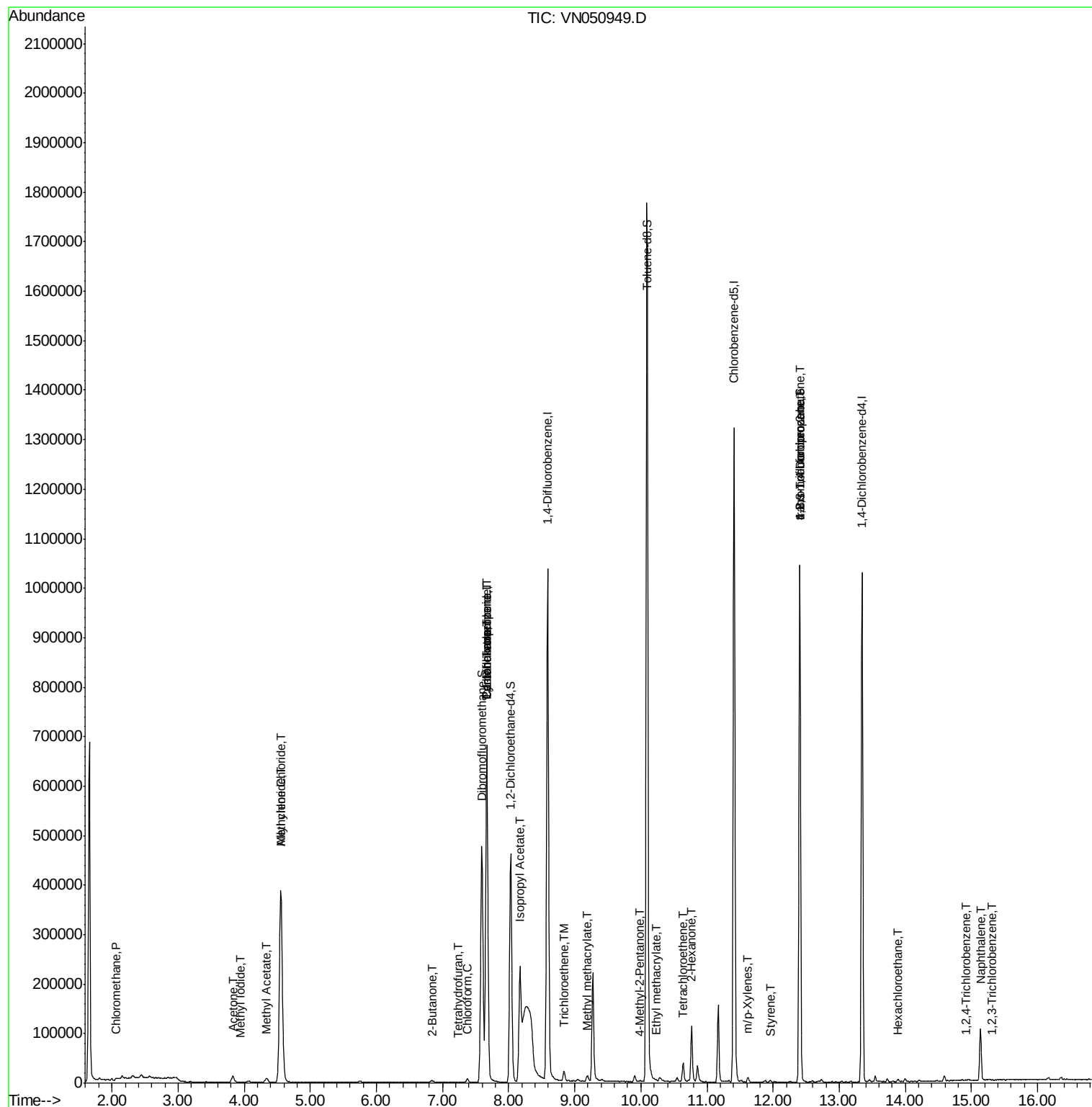
						Qvalue
3) Chloromethane	2.06	50	2140	0.22	ug/l	99
5) Bromomethane	2.56	94	2156	Below Cal	#	75
10) Methyl Iodide	3.95	142	321	6.38	ug/l #	43
14) Allyl chloride	4.55	41	12477	1.20	ug/l #	26
16) Acetone	3.82	43	22144	6.16	ug/l	99
18) Methyl Acetate	4.34	43	16280	2.41	ug/l	97
20) Methylene Chloride	4.55	84	318401	39.42	ug/l	98
25) 2-Butanone	6.85	43	1878	0.65	ug/l #	84
29) Tetrahydrofuran	7.23	42	464	0.28	ug/l #	33
30) Chloroform	7.37	83	8489	0.64	ug/l	99
31) Cyclohexane	7.67	56	9603	1.25	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40111	3.46	ug/l #	49
38) Carbon Tetrachloride	7.67	117	52483	4.48	ug/l #	17
43) Isopropyl Acetate	8.17	43	281890	24.62	ug/l	93
44) Trichloroethene	8.84	130	8348	0.91	ug/l	98
48) Methyl methacrylate	9.18	41	7779	1.33	ug/l #	19
51) 4-Methyl-2-Pentanone	9.99	43	2015	0.29	ug/l	96
56) Ethyl methacrylate	10.23	69	2081	2.55	ug/l #	65
59) 2-Hexanone	10.77	43	16575	3.64	ug/l #	54
64) Tetrachloroethene	10.63	164	2721	0.35	ug/l	88
68) m/p-Xylenes	11.62	106	3206	0.24	ug/l	99
70) Styrene	11.97	104	373	1.29	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.41	83	72	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	171472	32.69	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	171472	110.51	ug/l #	15
90) Hexachloroethane	13.88	117	176	0.23	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.92	180	100	4.10	ug/l #	1
95) Naphthalene	15.14	128	91129	12.19	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	143	3.32	ug/l #	1

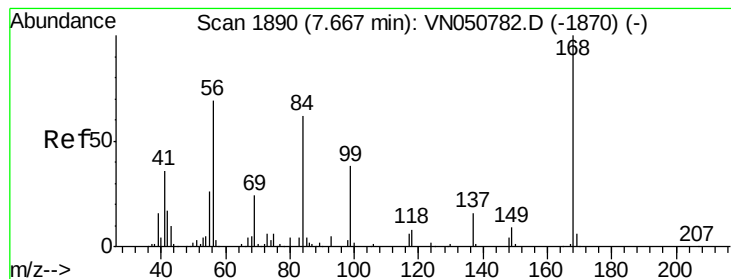
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 30 01:02:09 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050949.D

Acq: 29 Aug 2018 14:28

Instrument :

MSVOA_N

ClientSampleId :

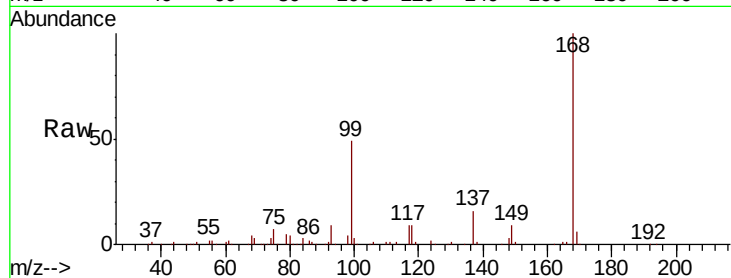
6722AA

Tot Ion:168 Resp: 595275

Ion Ratio Lower Upper

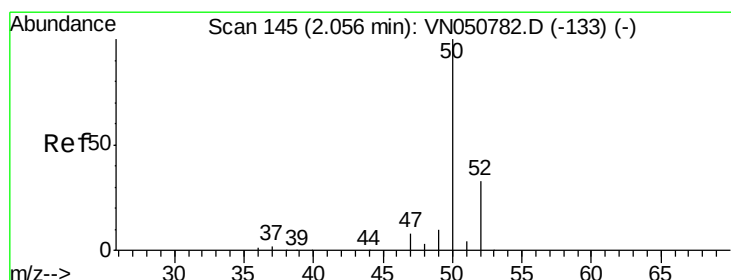
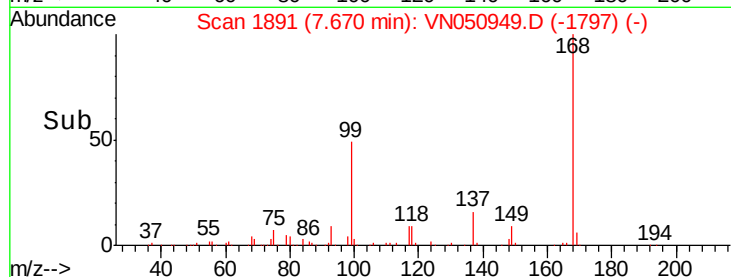
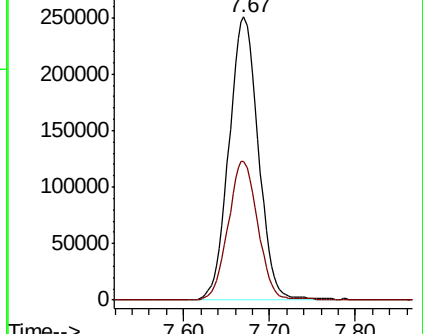
168 100

99 49.2 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.22 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050949.D

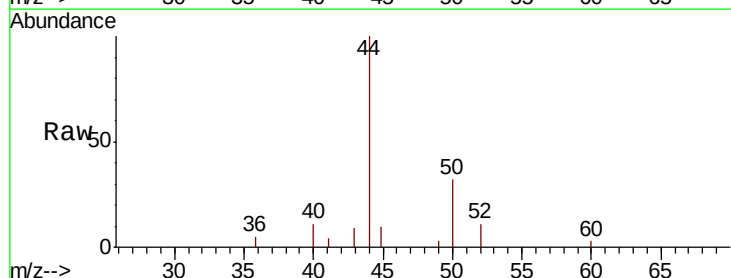
Acq: 29 Aug 2018 14:28

Tgt Ion: 50 Resp: 2140

Ion Ratio Lower Upper

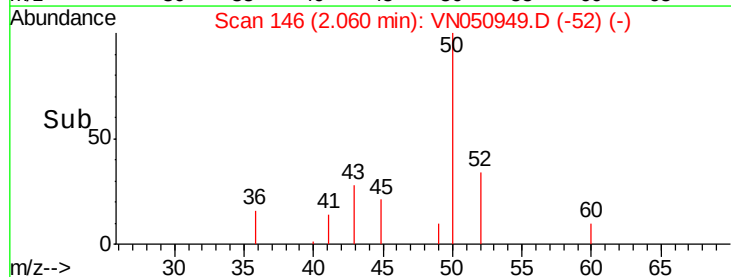
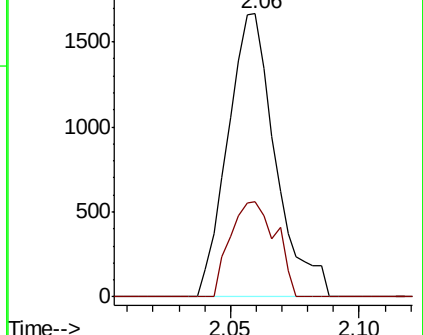
50 100

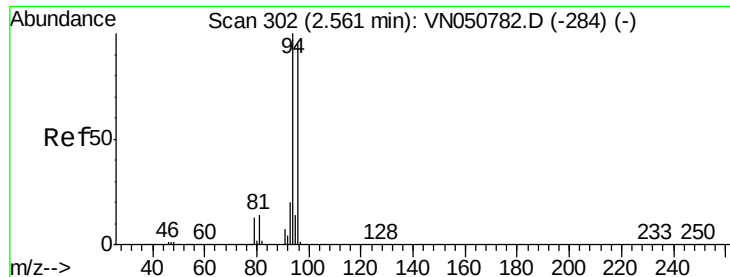
52 33.6 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050949.D

Acq: 29 Aug 2018 14:28

Instrument :

MSVOA_N

ClientSampleId :

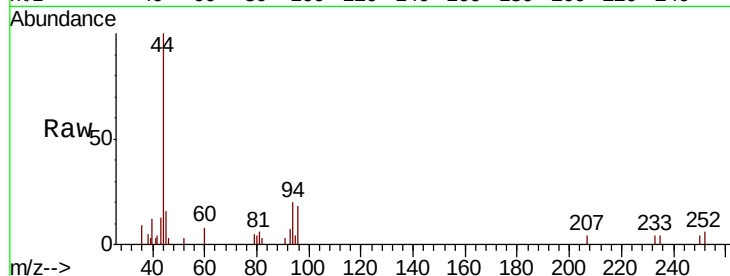
6722AA

Tot Ion: 94 Resp: 2156

Ion Ratio Lower Upper

94 100

96 71.1 76.2 114.2#



Abundance Ion 93.90 (93.60 to 94.60): VN050782.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050782.D (-284) (-)

2.56

1200

1000

800

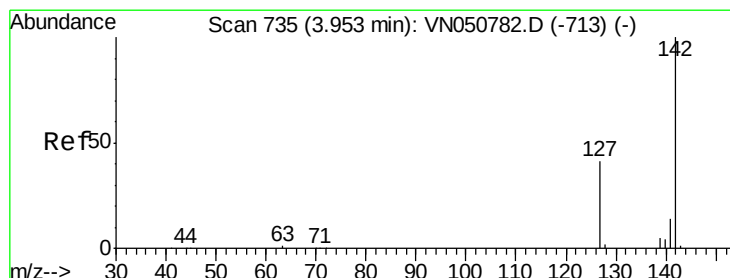
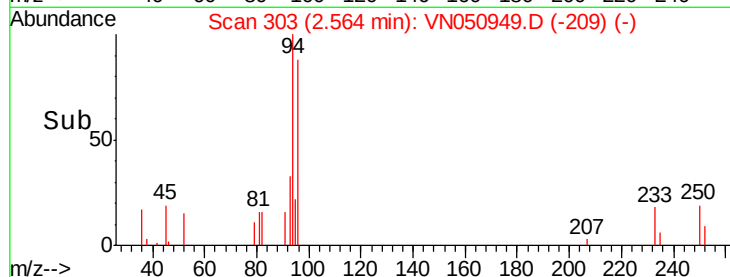
600

400

200

0

Time-->



#10

Methyl Iodide

Concen: 6.38 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.01 min

Lab File: VN050949.D

Acq: 29 Aug 2018 14:28

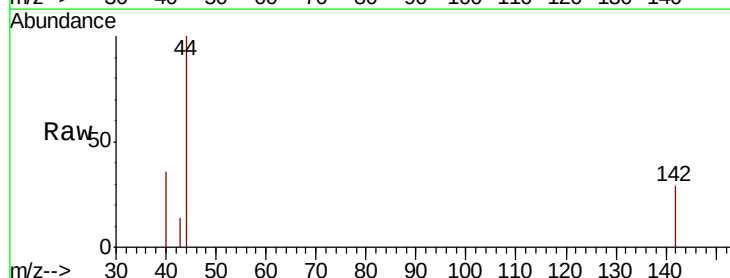
Tgt Ion: 142 Resp: 321

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): VN050782.D (-713) (-)

Ion 126.80 (126.50 to 127.50): VN050782.D (-713) (-)

Ion 140.80 (140.50 to 141.50): VN050782.D (-713) (-)

3.95

500

400

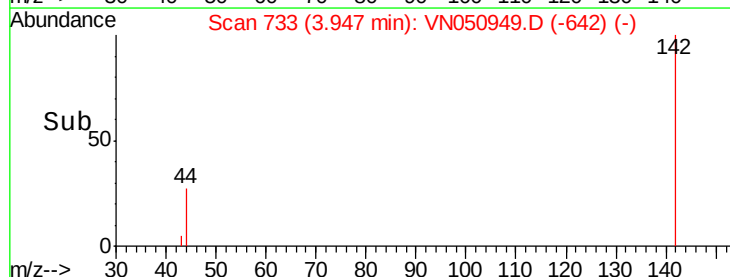
300

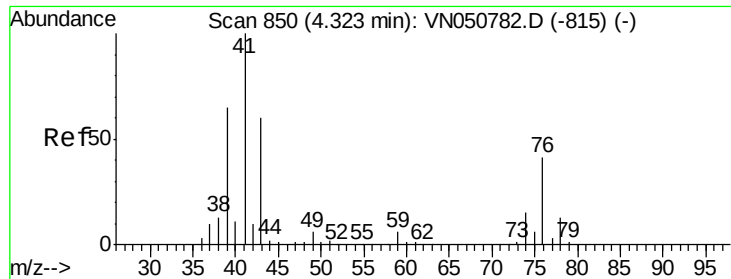
200

100

0

Time-->





#14

Allvl chloride

Concen: 1.20 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.23 min

Lab File: VN050949.D

Acq: 29 Aug 2018 14:28

Instrument :

MSVOA_N

ClientSampled :

6722AA

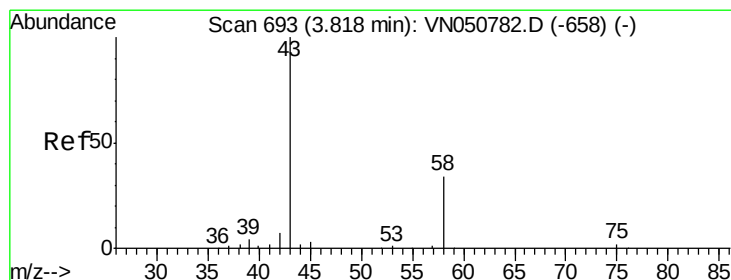
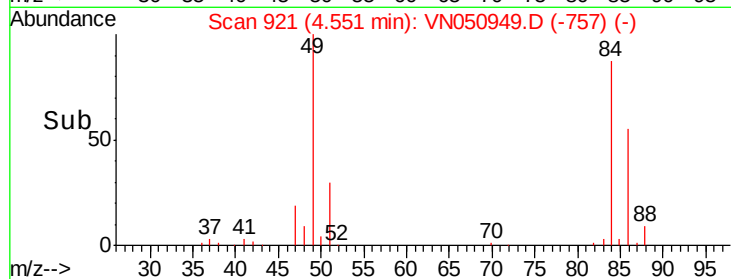
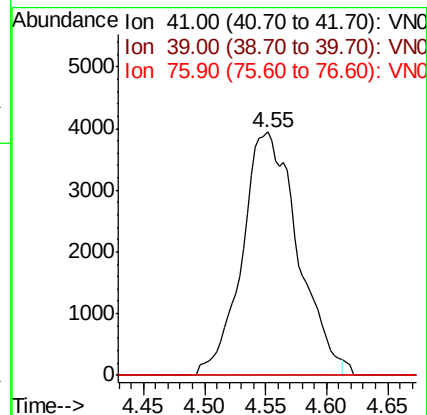
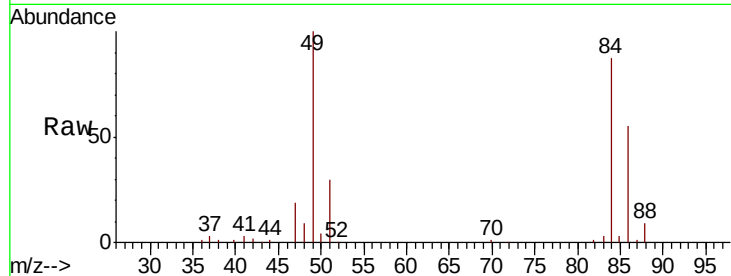
Tot Ion: 41 Resp: 12477

Ion Ratio Lower Upper

41 100

39 0.0 50.2 75.2#

76 0.0 29.8 44.8#



#16

Acetone

Concen: 6.16 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050949.D

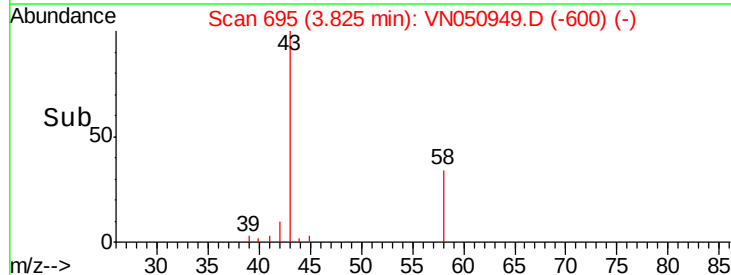
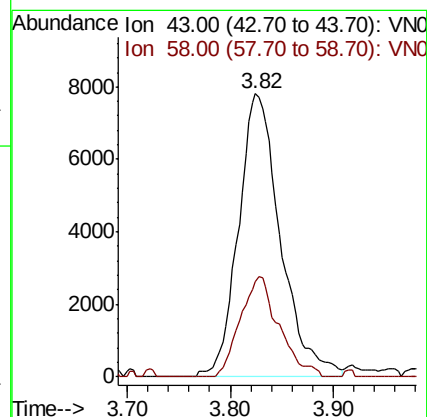
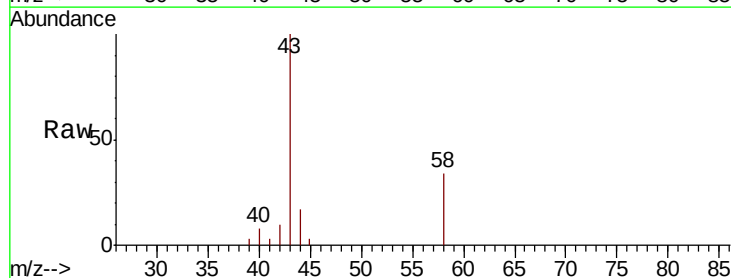
Acq: 29 Aug 2018 14:28

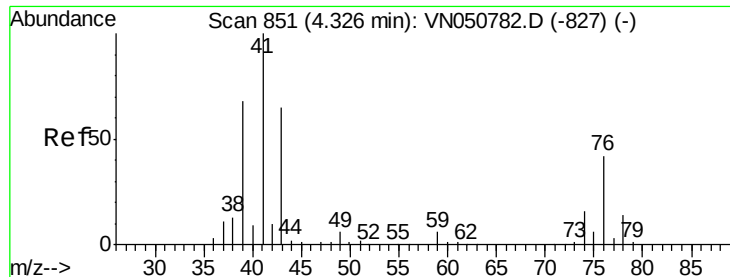
Tgt Ion: 43 Resp: 22144

Ion Ratio Lower Upper

43 100

58 33.7 27.2 40.8

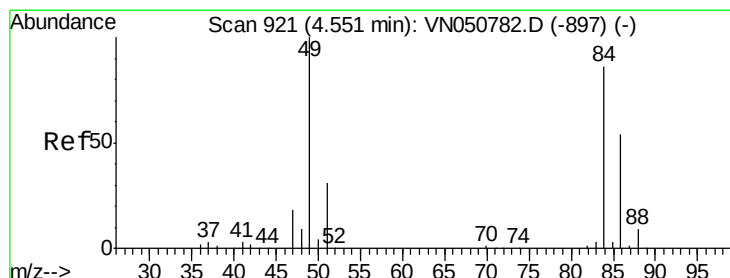
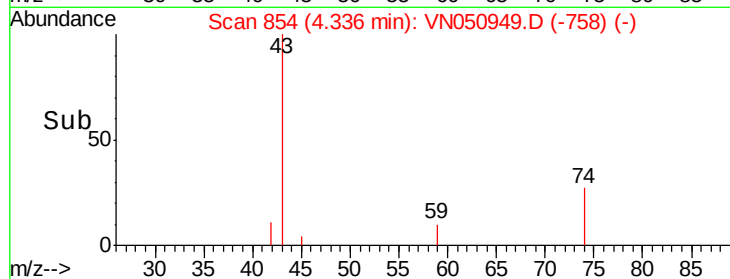
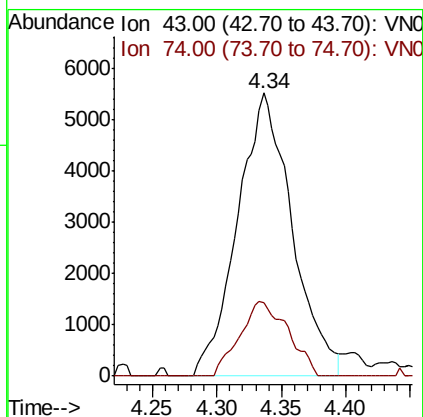
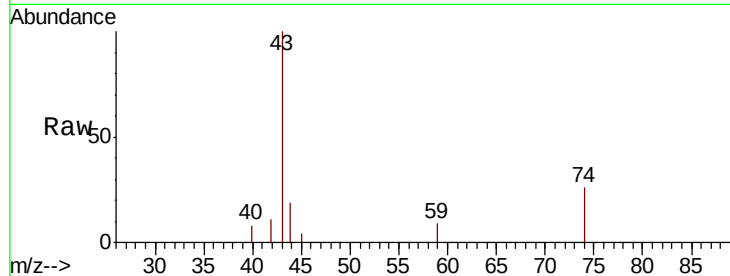




#18
Methyl Acetate
Concen: 2.41 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050949.D
Acq: 29 Aug 2018 14:28

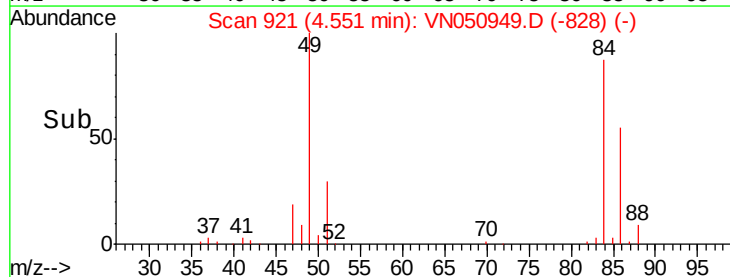
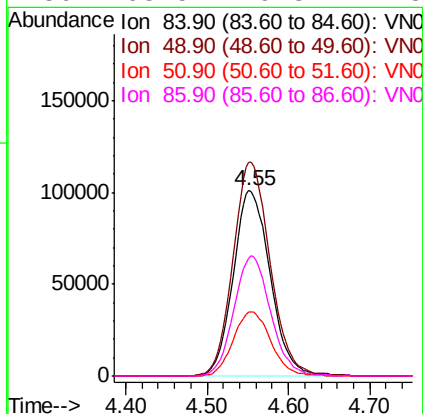
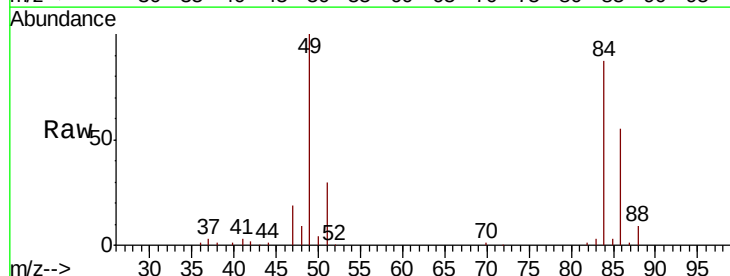
Instrument :
MSVOA_N
ClientSampleId :
6722AA

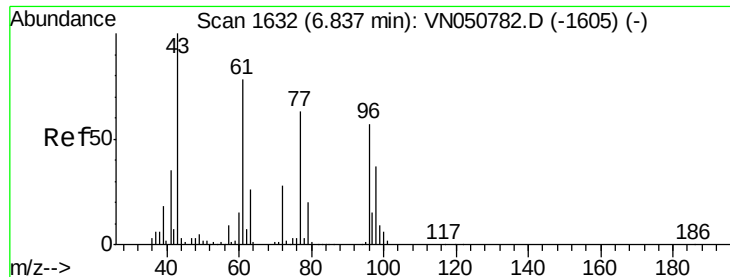
Tot Ion: 43 Resp: 16280
Ion Ratio Lower Upper
43 100
74 23.3 19.8 29.8



#20
Methylene Chloride
Concen: 39.42 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050949.D
Acq: 29 Aug 2018 14:28

Tgt Ion: 84 Resp: 318401
Ion Ratio Lower Upper
84 100
49 115.4 93.2 139.8
51 34.5 29.0 43.6
86 63.5 49.8 74.8





#25

2-Butanone

Concen: 0.65 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VN050949.D

Acq: 29 Aug 2018 14:28

Instrument :

MSVOA_N

ClientSampleId :

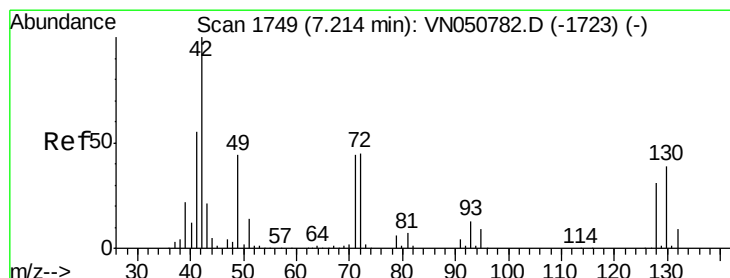
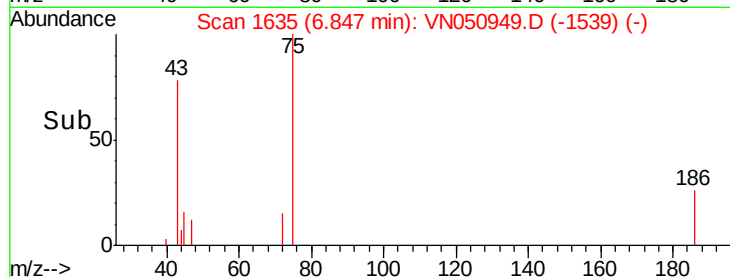
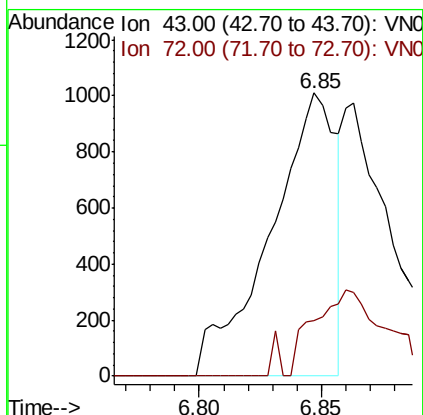
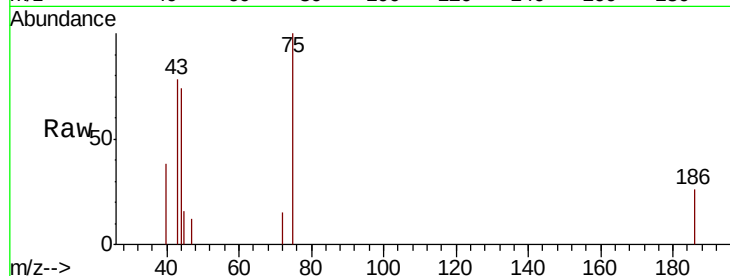
6722AA

Tot Ion: 43 Resp: 1878

Ion Ratio Lower Upper

43 100

72 19.7 22.3 33.5#



#29

Tetrahydrofuran

Concen: 0.28 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN050949.D

Acq: 29 Aug 2018 14:28

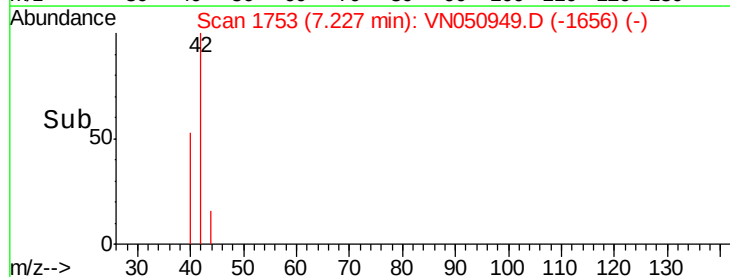
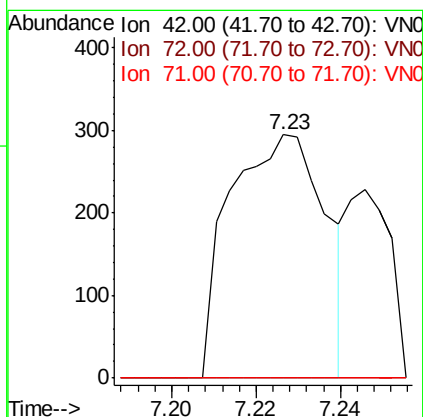
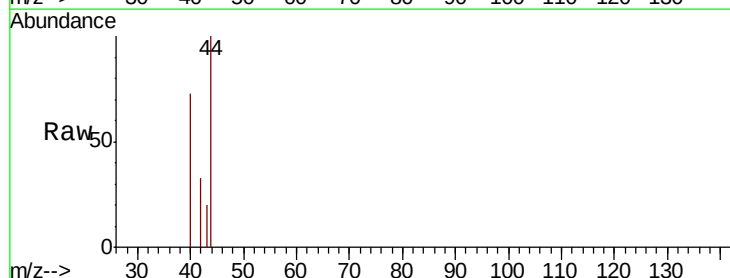
Tgt Ion: 42 Resp: 464

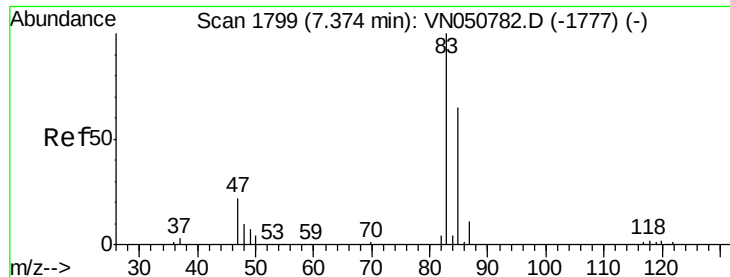
Ion Ratio Lower Upper

42 100

72 0.0 35.5 53.3#

71 0.0 33.7 50.5#





#30

Chloroform

Concen: 0.64 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN050949.D

Acq: 29 Aug 2018 14:28

Instrument :

MSVOA_N

ClientSampleId :

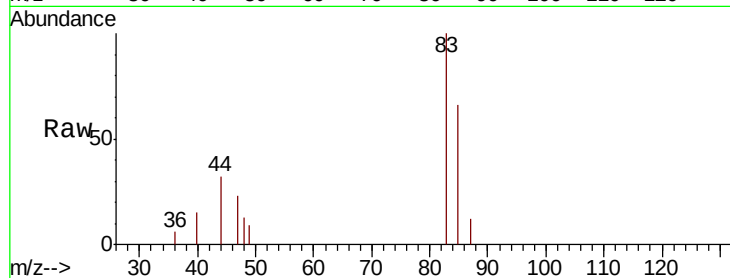
6722AA

Tot Ion: 83 Resp: 8489

Ion Ratio Lower Upper

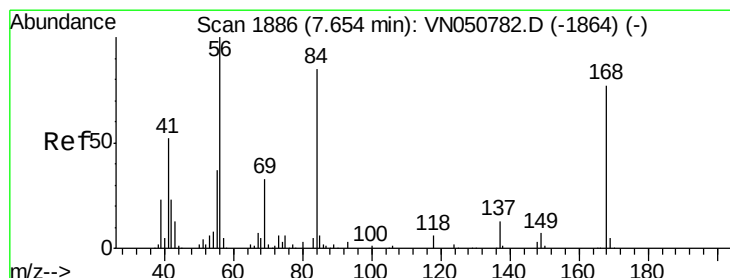
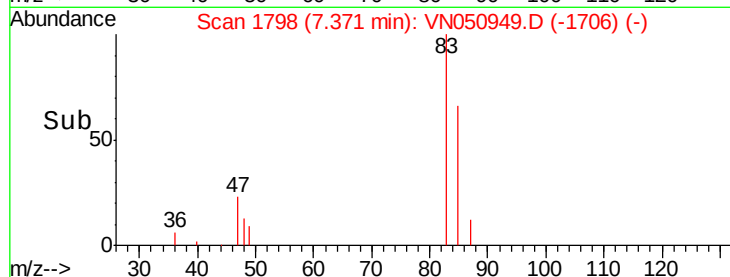
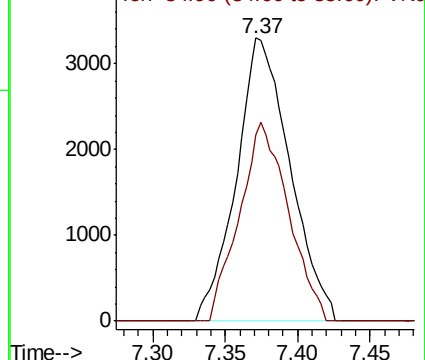
83 100

85 66.0 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: 1.25 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.02 min

Lab File: VN050949.D

Acq: 29 Aug 2018 14:28

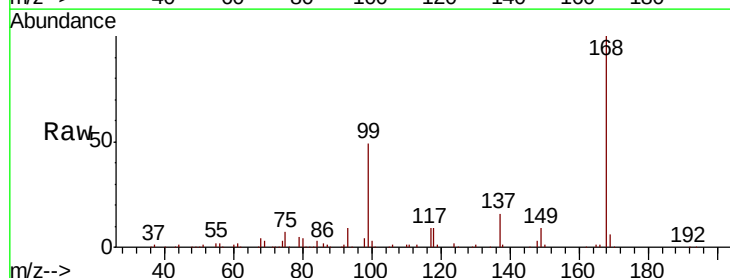
Tgt Ion: 56 Resp: 9603

Ion Ratio Lower Upper

56 100

69 198.0 26.2 39.4#

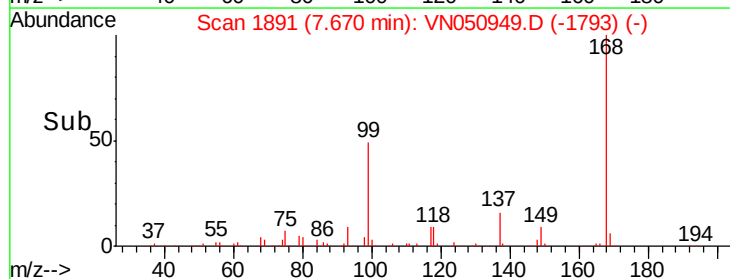
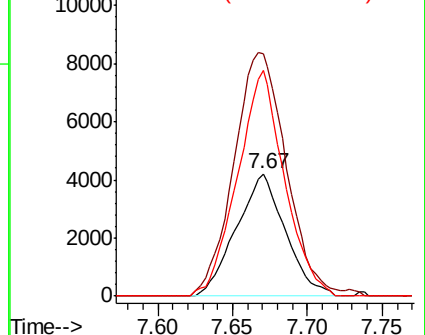
84 184.1 68.3 102.5#

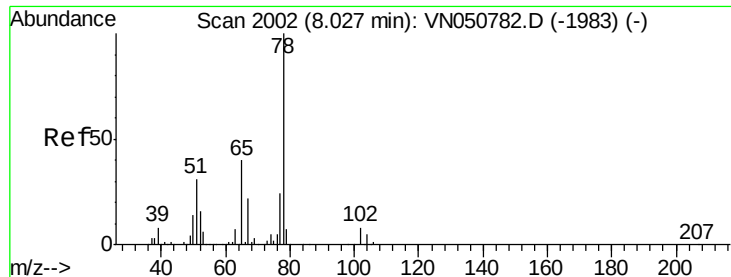


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

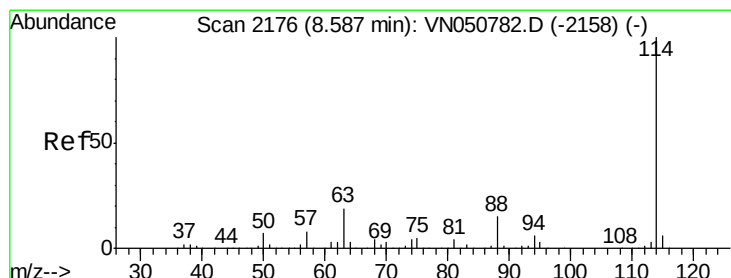
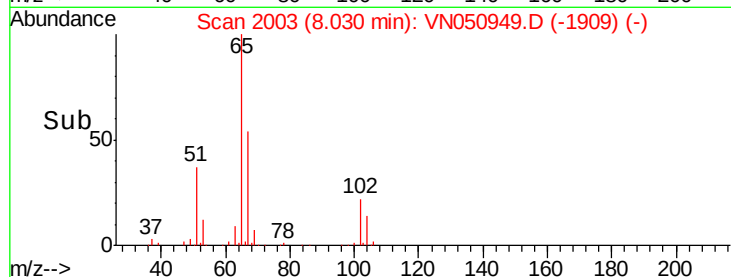
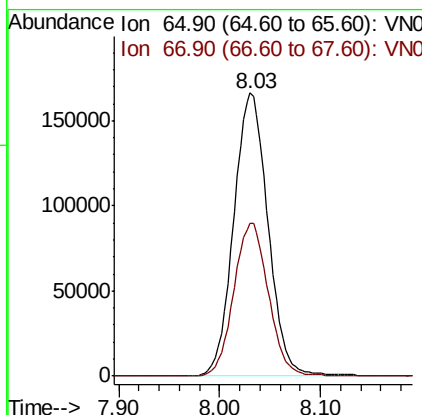
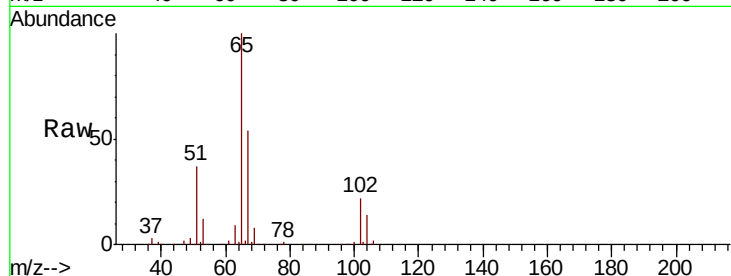




#33
 1,2-Dichloroethane-d4
 Concen: 54.62 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050949.D
 Acq: 29 Aug 2018 14:28

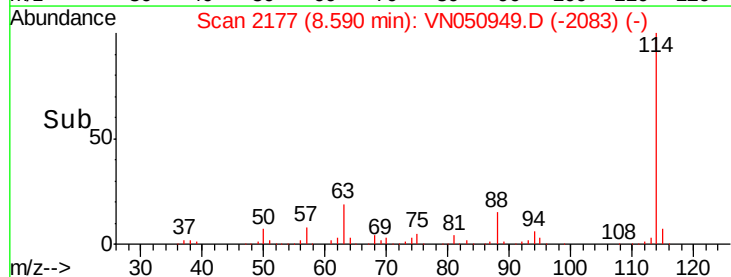
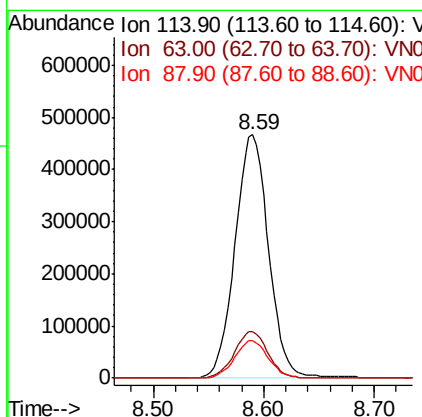
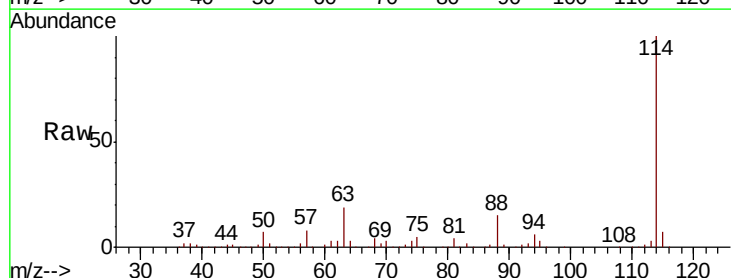
Instrument :
 MSVOA_N
 ClientSampleId :
 6722AA

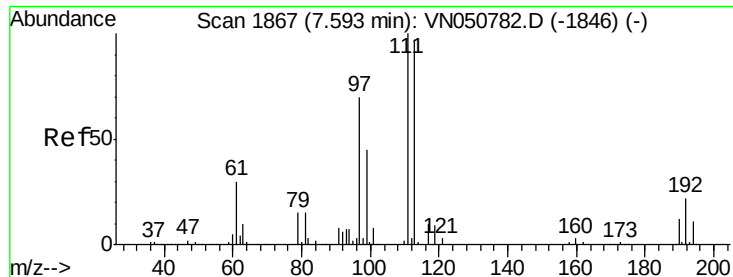
Tot Ion: 65 Resp: 391450
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050949.D
 Acq: 29 Aug 2018 14:28

Tgt Ion: 114 Resp: 982530
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.4 0.0 30.6

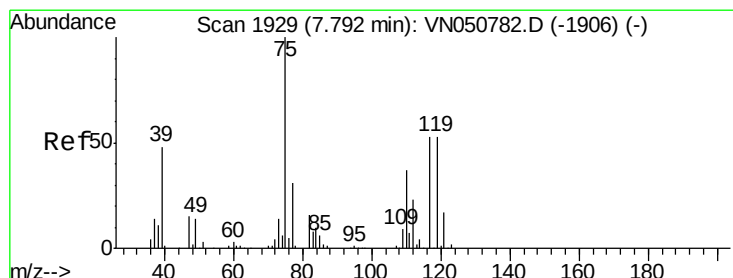
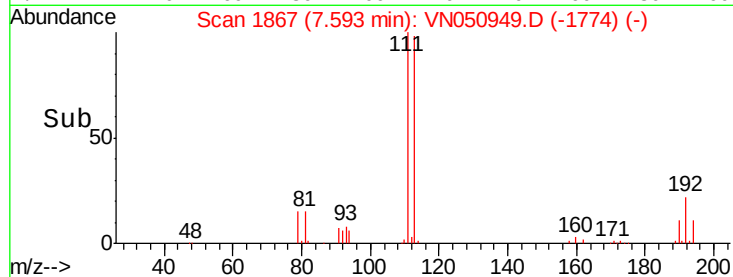
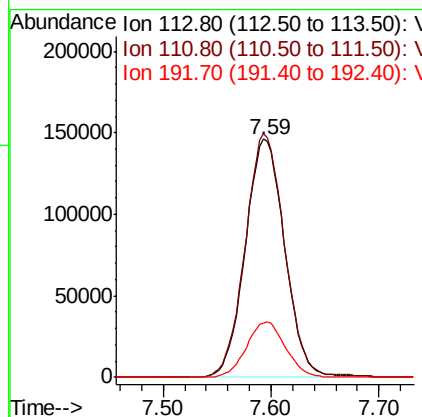
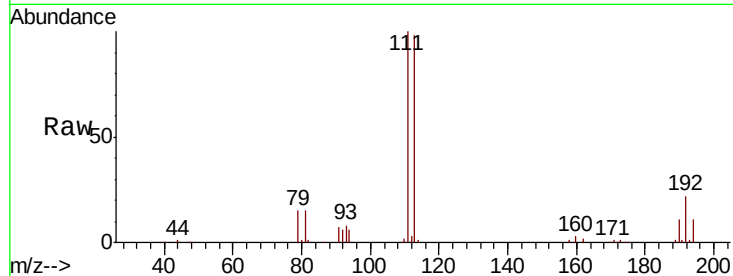




#35
 Dibromofluoromethane
 Concen: 47.41 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050949.D
 Acq: 29 Aug 2018 14:28

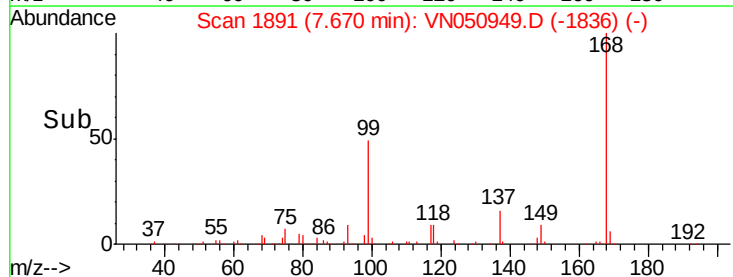
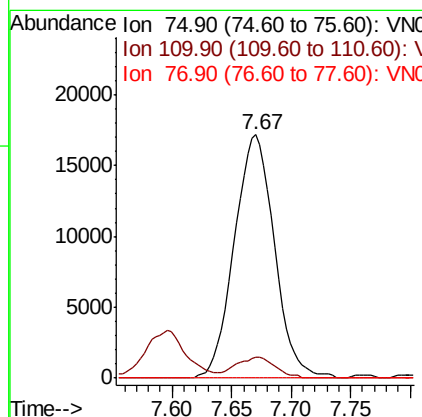
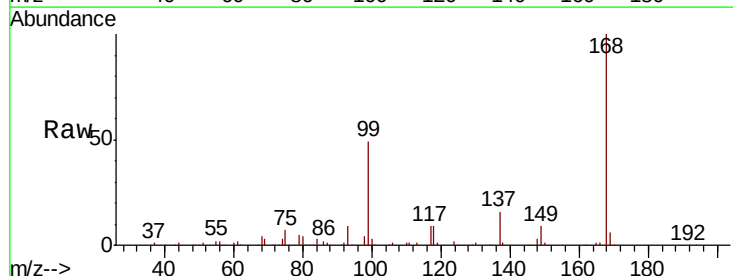
Instrument :
 MSVOA_N
 ClientSampleId :
 6722AA

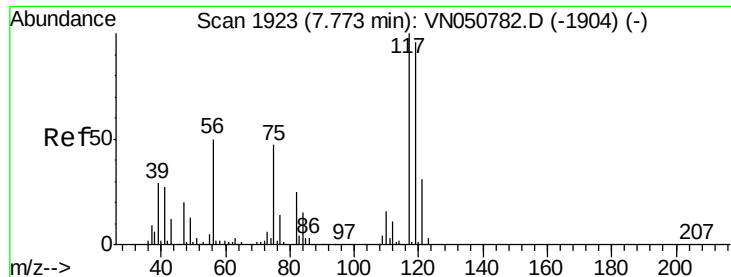
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	23.0	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 3.46 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN050949.D
 Acq: 29 Aug 2018 14:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.4#
77	0.0	24.8	37.2#

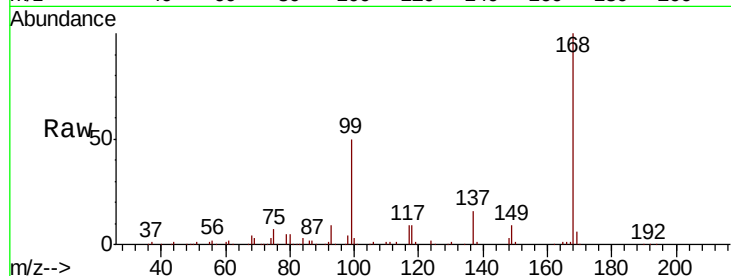




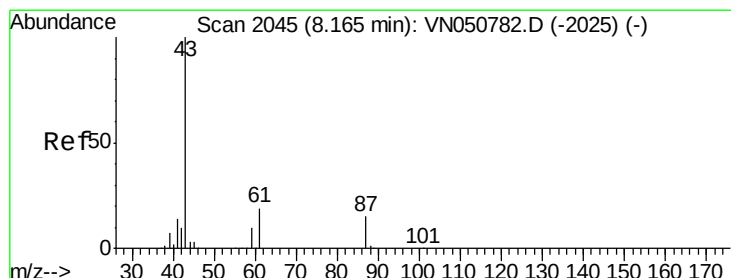
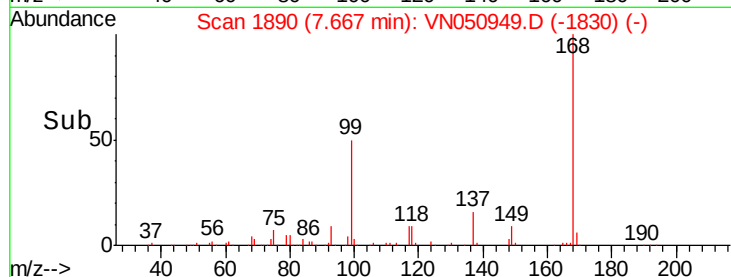
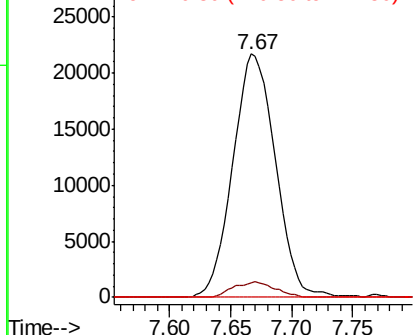
#38
Carbon Tetrachloride
Concen: 4.48 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050949.D
Acq: 29 Aug 2018 14:28

Instrument :
MSVOA_N
ClientSampled :
6722AA

Tot Ion:117 Resp: 52483
Ion Ratio Lower Upper
117 100
119 6.1 76.3 114.5#
121 0.0 24.6 36.8#

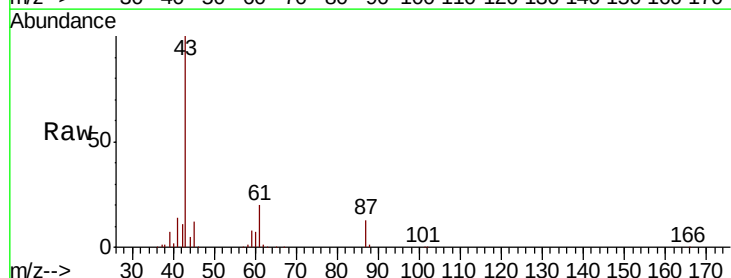


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

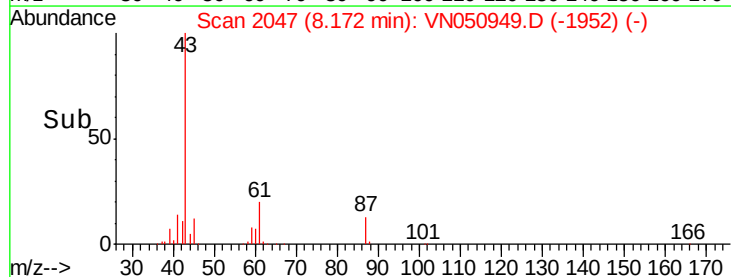
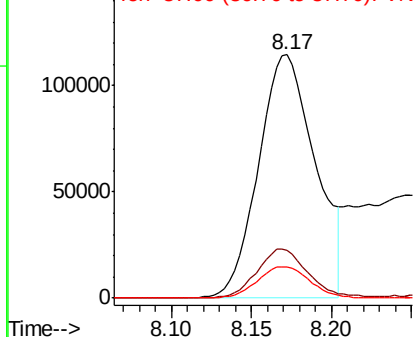


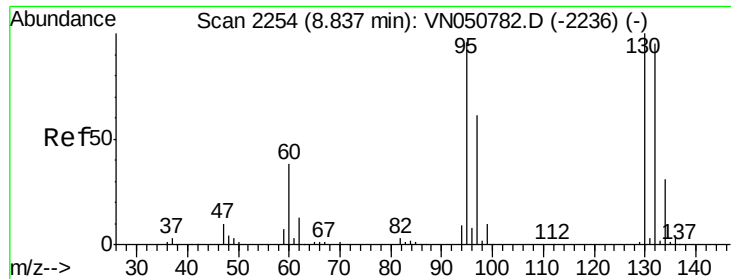
#43
Isopropyl Acetate
Concen: 24.62 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.01 min
Lab File: VN050949.D
Acq: 29 Aug 2018 14:28

Tgt Ion: 43 Resp: 281890
Ion Ratio Lower Upper
43 100
61 18.2 17.5 26.3
87 12.0 11.3 16.9



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





#44

Trichloroethene

Concen: 0.91 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050949.D

Acq: 29 Aug 2018 14:28

Instrument :

MSVOA_N

ClientSampleId :

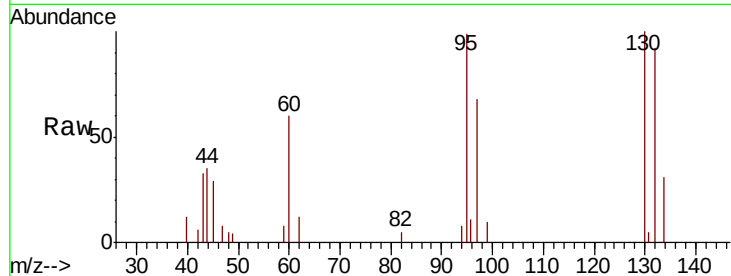
6722AA

Tot Ion:130 Resp: 8348

Ion Ratio Lower Upper

130 100

95 98.8 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.84

4000

3000

2000

1000

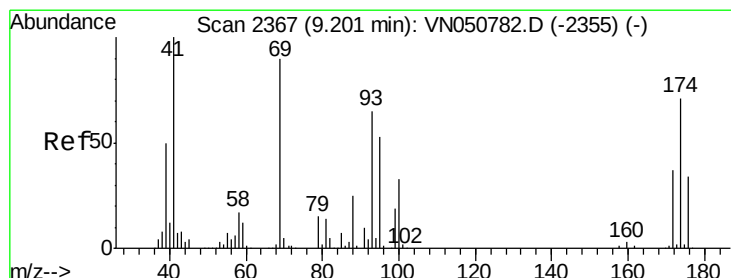
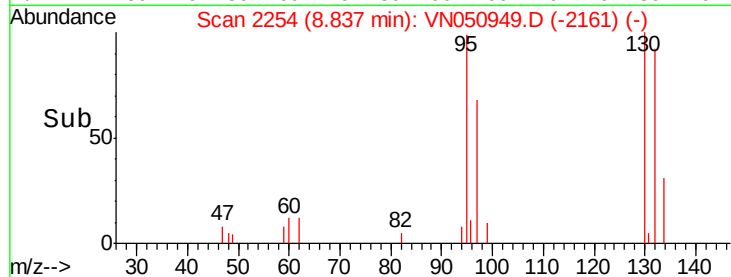
0

8.80

8.85

8.90

Time-->



#48

Methyl methacrylate

Concen: 1.33 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN050949.D

Acq: 29 Aug 2018 14:28

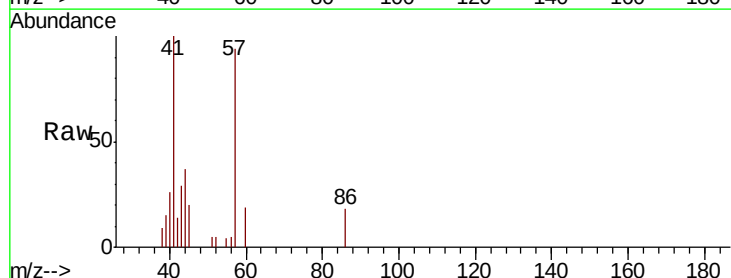
Tgt Ion: 41 Resp: 7779

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 15.3 42.2 63.2#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 39.00 (38.70 to 39.70): VN

10000

5000

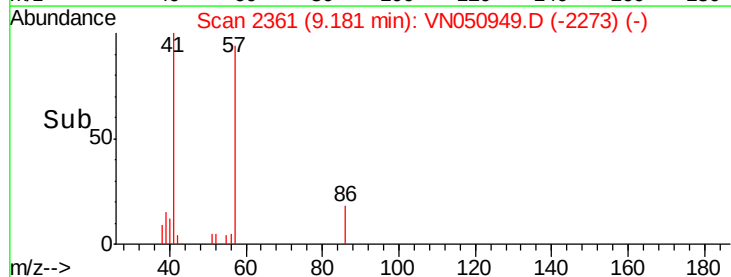
0

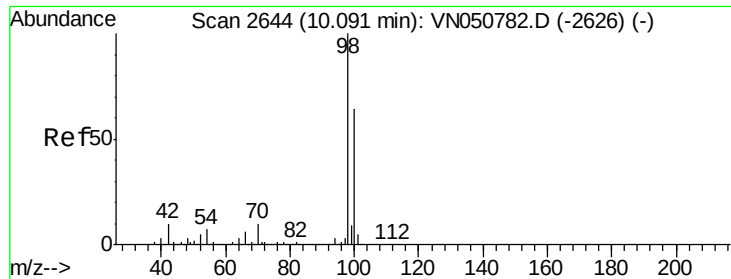
9.15

9.20

9.25

Time-->

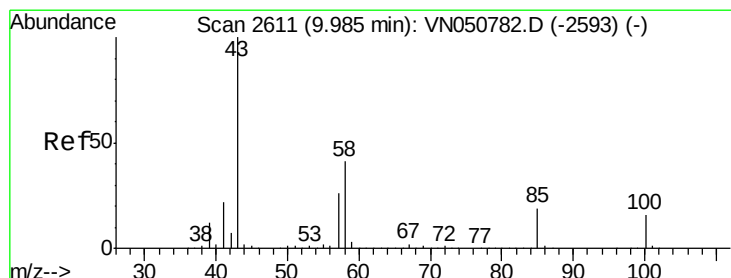
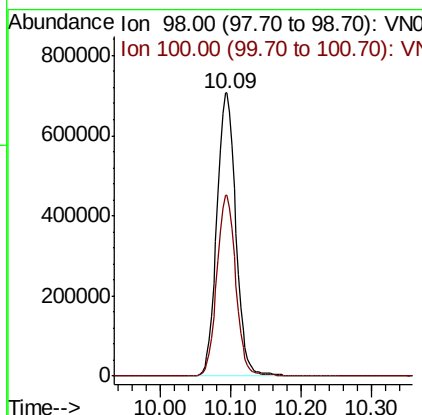
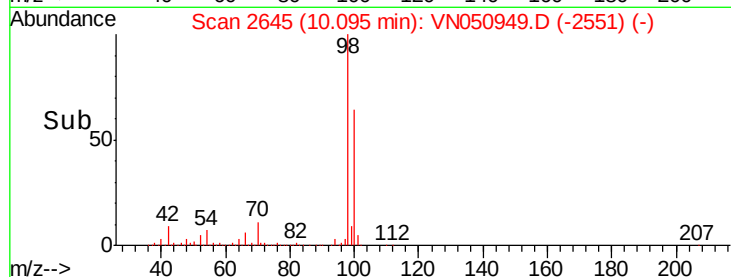
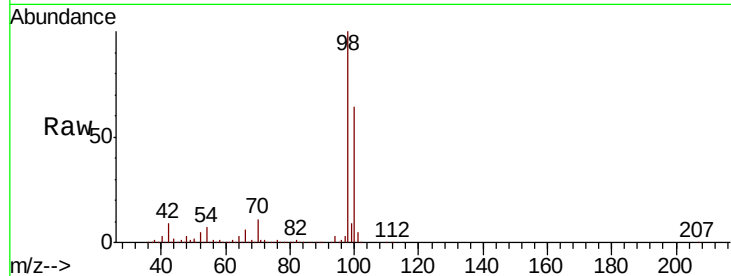




#50
Toluene-d8
Concen: 45.40 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050949.D
Acq: 29 Aug 2018 14:28

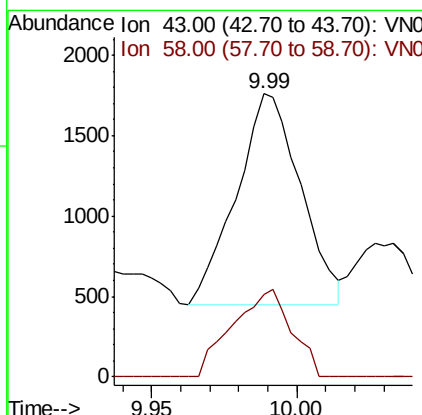
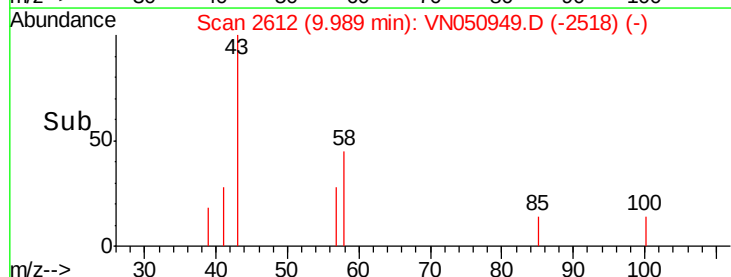
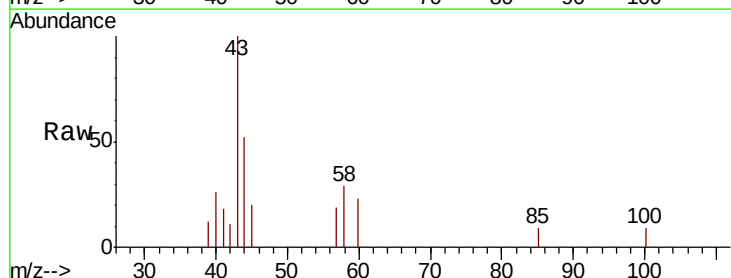
Instrument :
MSVOA_N
ClientSampled :
6722AA

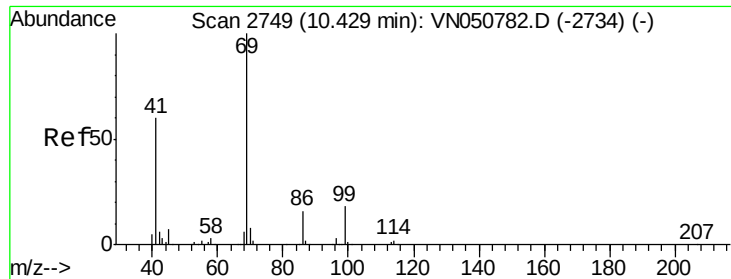
Tot Ion: 98 Resp: 1326750
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.29 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050949.D
Acq: 29 Aug 2018 14:28

Tgt Ion: 43 Resp: 2015
Ion Ratio Lower Upper
43 100
58 38.1 32.4 48.6





#56

Ethyl methacrylate

Concen: 2.55 ug/l

RT: 10.23 min Scan# 2688

Delta R.T. -0.20 min

Lab File: VN050949.D

Acq: 29 Aug 2018 14:28

Instrument :

MSVOA_N

ClientSampled :

6722AA

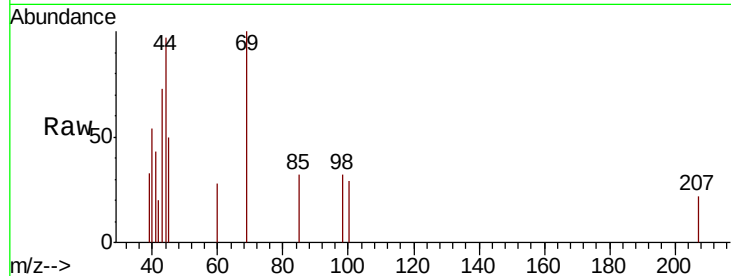
Tot Ion: 69 Resp: 2081

Ion Ratio Lower Upper

69 100

41 30.5 48.3 72.5#

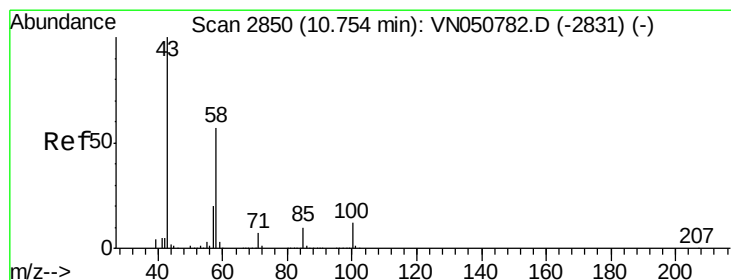
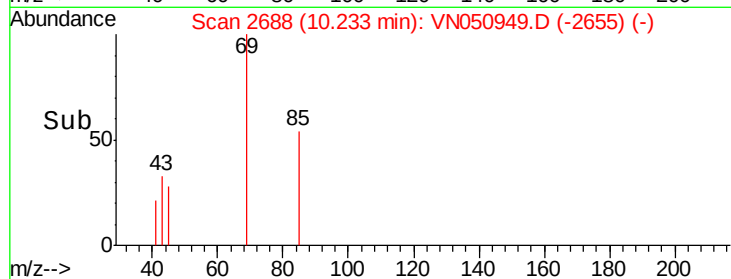
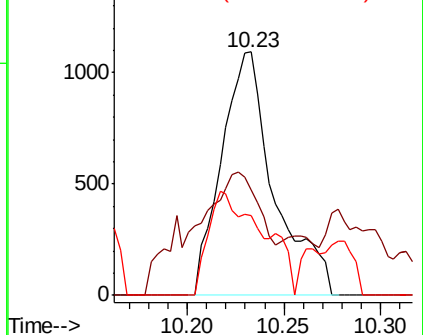
39 44.1 24.0 36.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 3.64 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050949.D

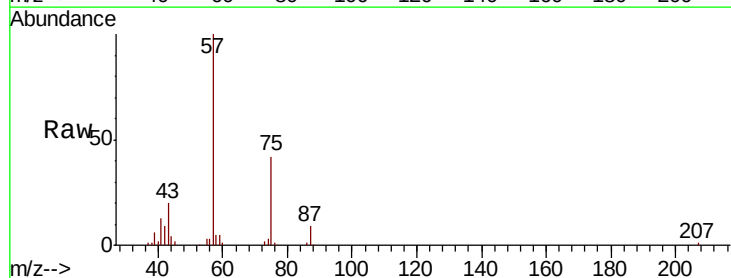
Acq: 29 Aug 2018 14:28

Tgt Ion: 43 Resp: 16575

Ion Ratio Lower Upper

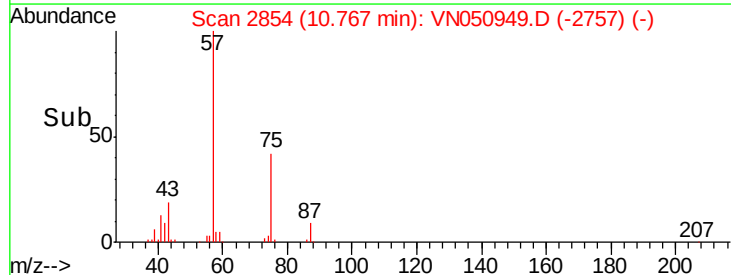
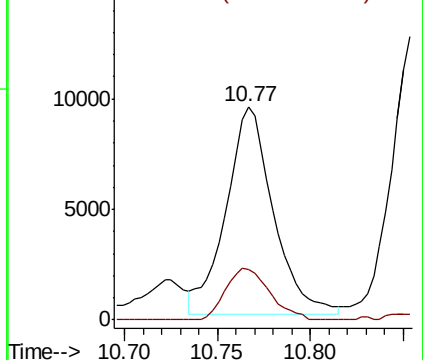
43 100

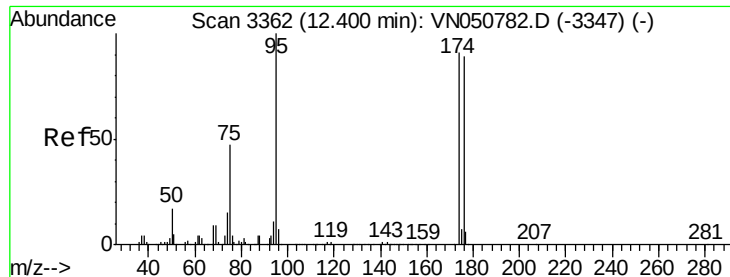
58 23.2 28.3 85.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 37.39 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050949.D

Acq: 29 Aug 2018 14:28

Instrument :

MSVOA_N

ClientSampleId :

6722AA

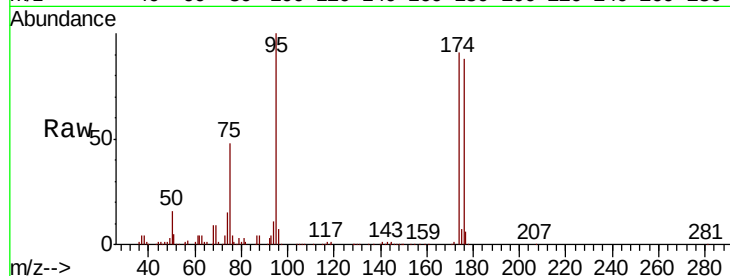
Tot Ion: 95 Resp: 363142

Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.0

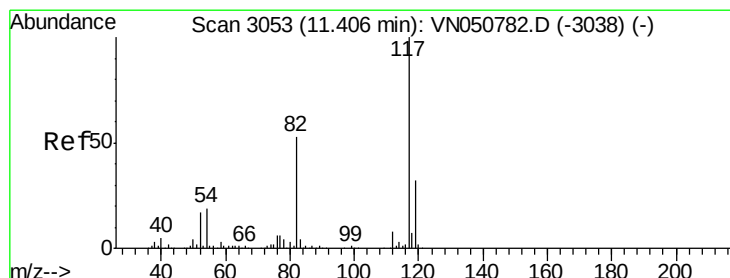
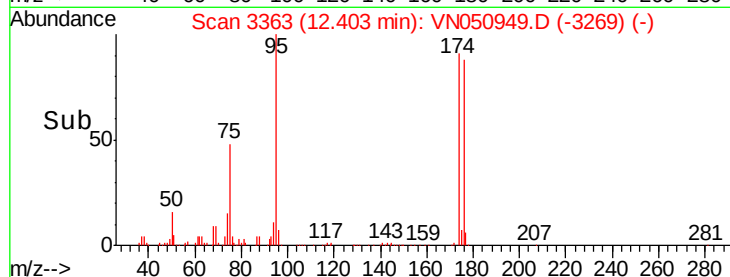
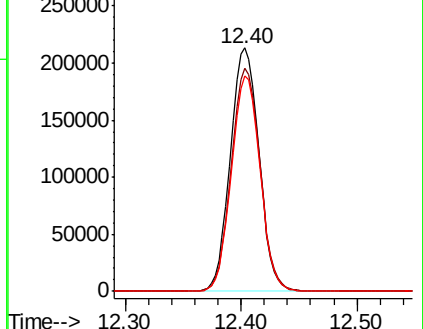
176 88.4 0.0 178.8



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: VN050949.D

Acq: 29 Aug 2018 14:28

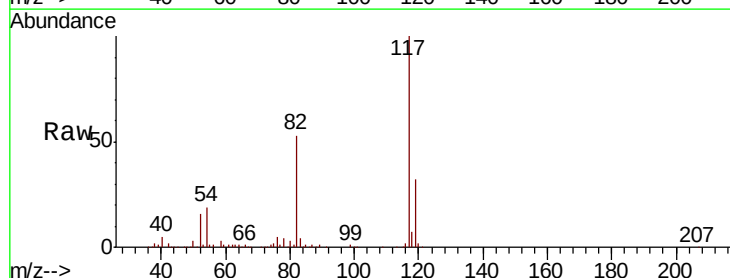
Tgt Ion: 117 Resp: 825025

Ion Ratio Lower Upper

117 100

82 53.4 42.6 64.0

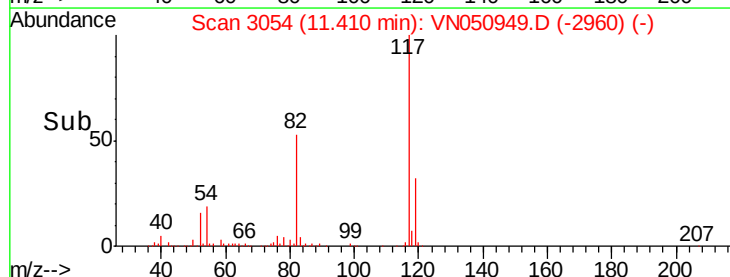
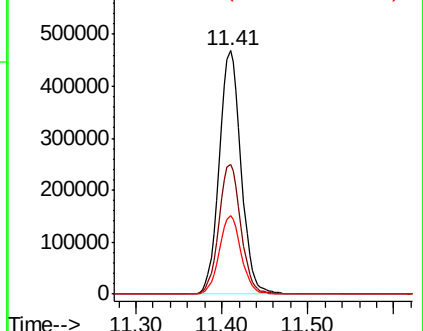
119 32.0 25.8 38.6

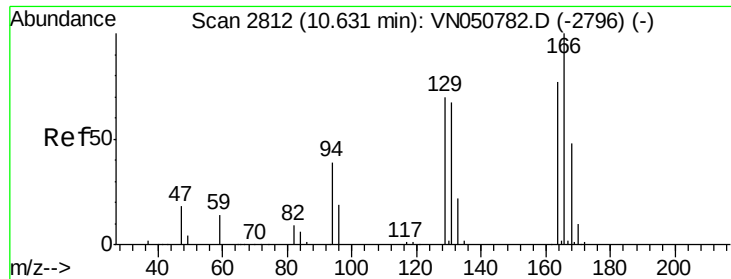


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

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

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

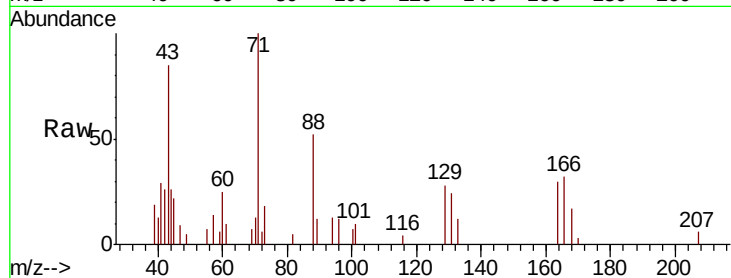




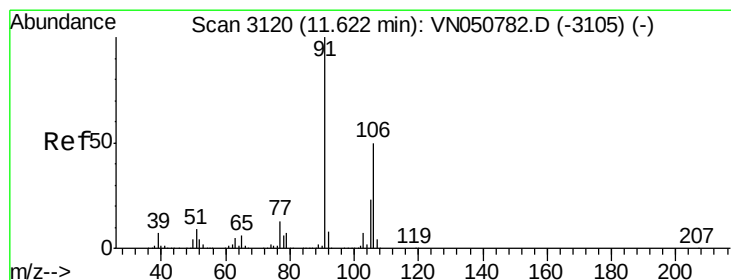
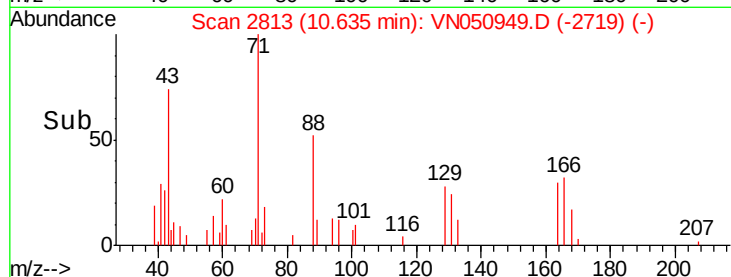
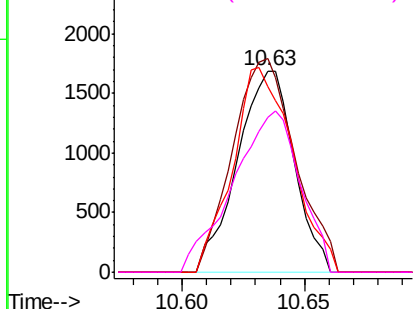
#64
Tetrachloroethene
Concen: 0.35 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050949.D
Acq: 29 Aug 2018 14:28

Instrument :
MSVOA_N
ClientSampled :
6722AA

Tot Ion:164 Resp: 2721
Ion Ratio Lower Upper
164 100
166 106.2 103.5 155.3
129 92.5 72.7 109.1
131 77.1 69.5 104.3

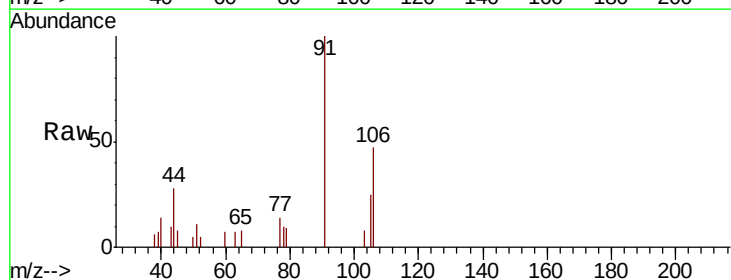


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

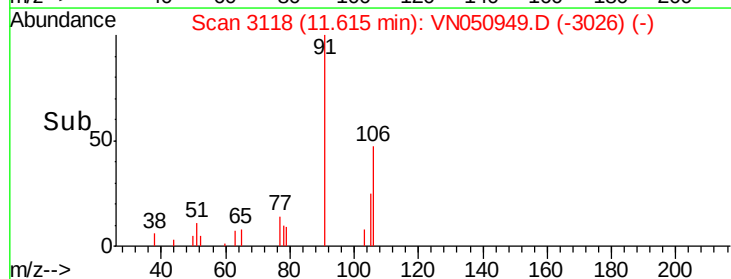
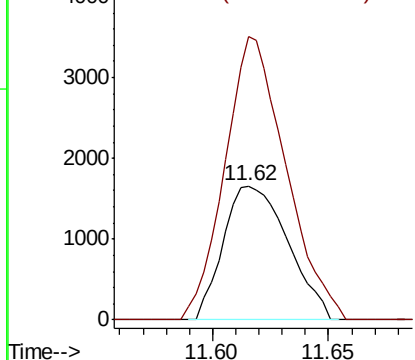


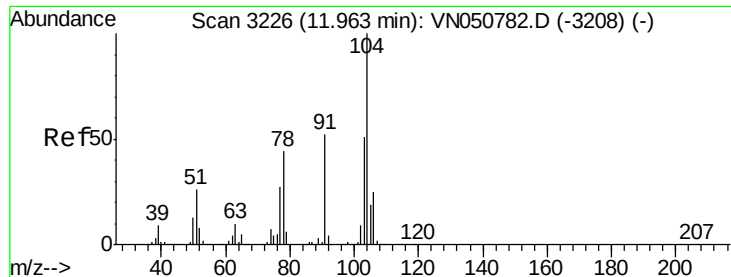
#68
m/p-Xylenes
Concen: 0.24 ug/l
RT: 11.62 min Scan# 3118
Delta R.T. -0.01 min
Lab File: VN050949.D
Acq: 29 Aug 2018 14:28

Tgt Ion:106 Resp: 3206
Ion Ratio Lower Upper
106 100
91 199.7 161.0 241.6



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

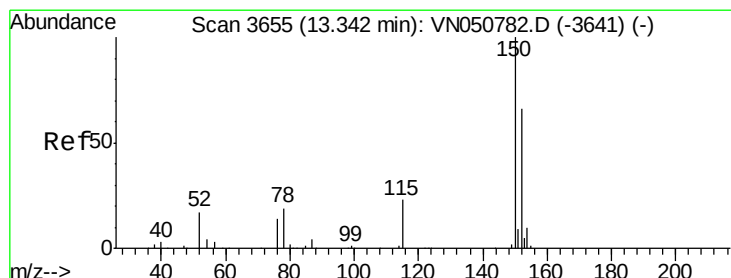
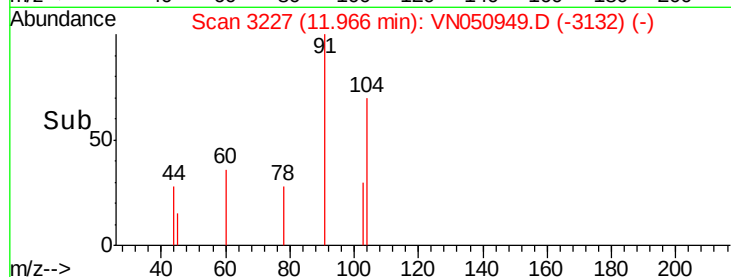
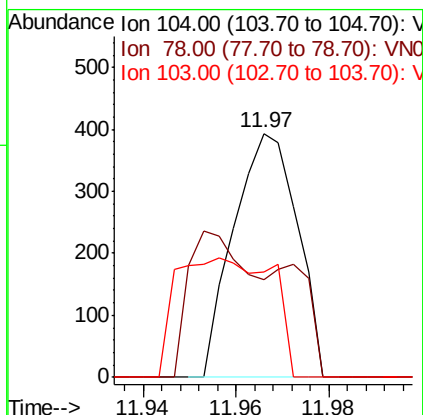
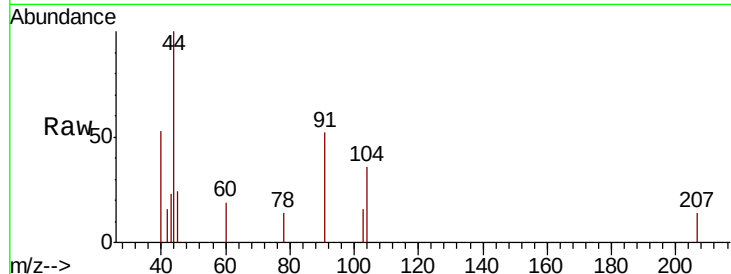




#70
Stvrene
Concen: 1.29 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050949.D
Acq: 29 Aug 2018 14:28

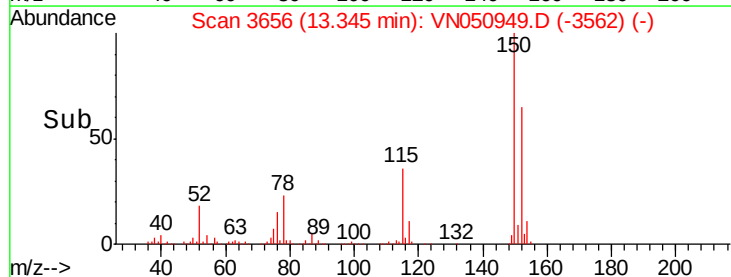
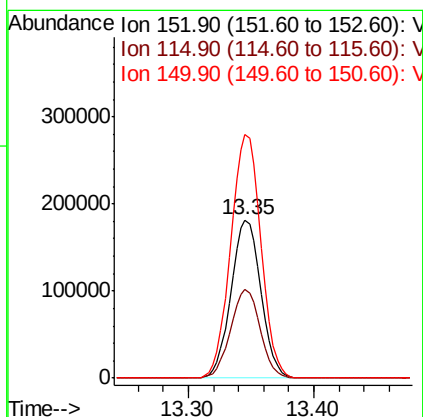
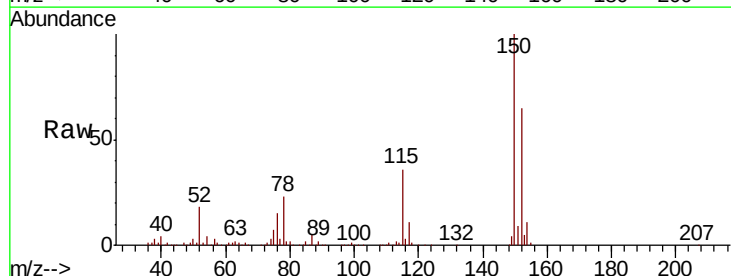
Instrument :
MSVOA_N
ClientSampled :
6722AA

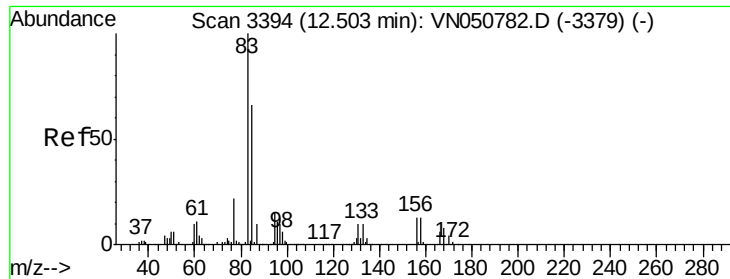
Tot Ion:104 Resp: 373
Ion Ratio Lower Upper
104 100
78 59.8 38.2 57.4#
103 74.0 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050949.D
Acq: 29 Aug 2018 14:28

Tgt Ion:152 Resp: 299475
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.4
150 155.7 0.0 351.4





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3364

Delta R.T. -0.10 min

Lab File: VN050949.D

Acq: 29 Aug 2018 14:28

Instrument :

MSVOA_N

ClientSampleId :

6722AA

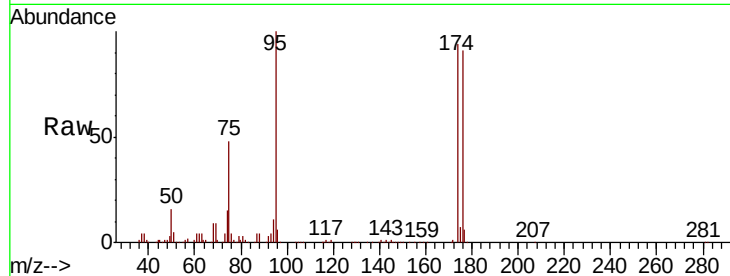
Tot Ion: 83 Resp: 72

Ion Ratio Lower Upper

83 100

131 505.6 5.3 15.9#

85 0.0 31.9 95.7#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO

400

300

200

100

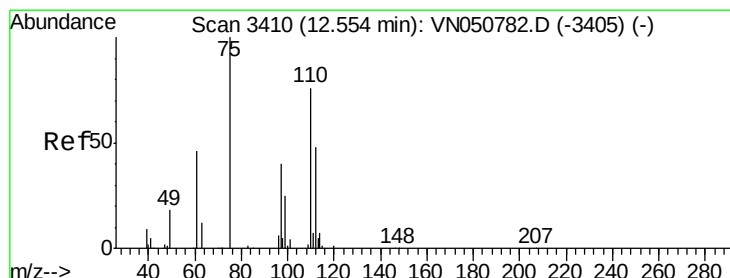
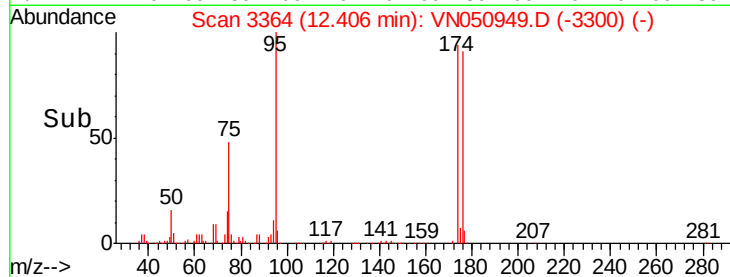
0

12.40

12.41

12.42

Time-->



#76

1,2,3-Trichloropropane

Concen: 32.69 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050949.D

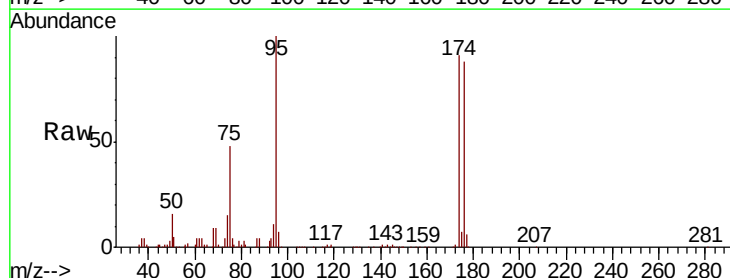
Acq: 29 Aug 2018 14:28

Tgt Ion: 75 Resp: 171472

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

120000

100000

80000

60000

40000

20000

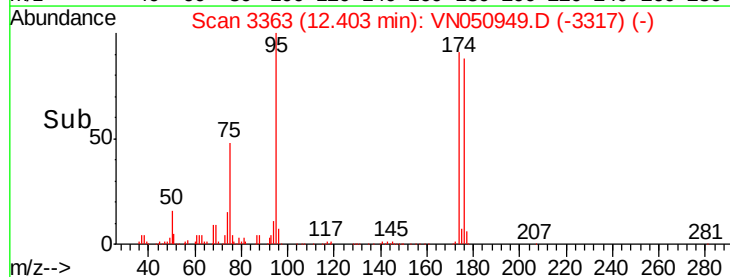
0

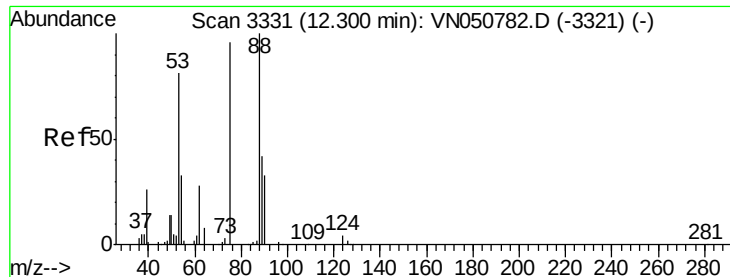
12.35

12.40

12.45

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 110.51 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050949.D

Acq: 29 Aug 2018 14:28

Instrument :

MSVOA_N

ClientSampleId :

6722AA

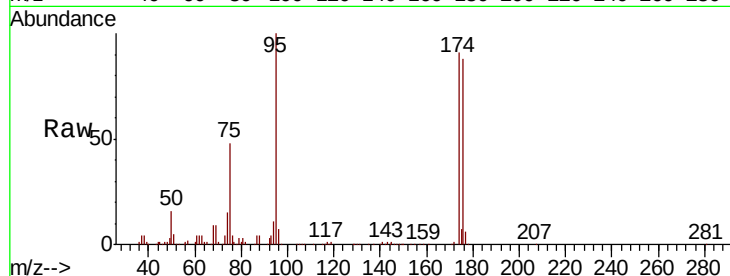
Tot Ion: 75 Resp: 171472

Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

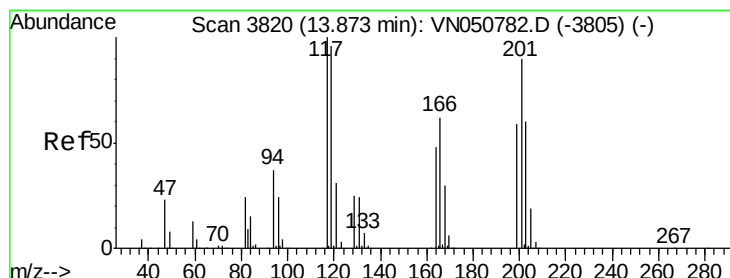
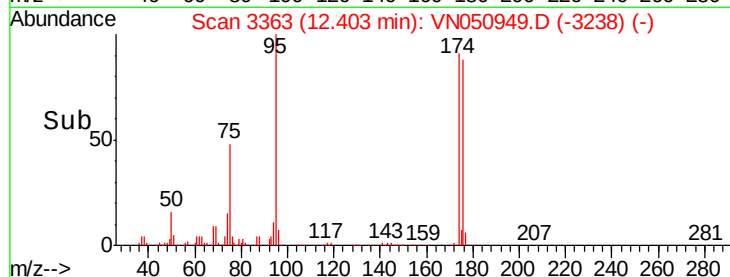
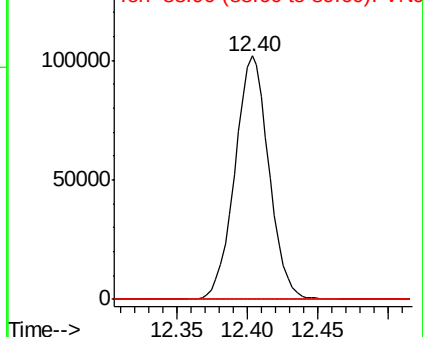
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#90

Hexachloroethane

Concen: 0.23 ug/l

RT: 13.88 min Scan# 3822

Delta R.T. 0.01 min

Lab File: VN050949.D

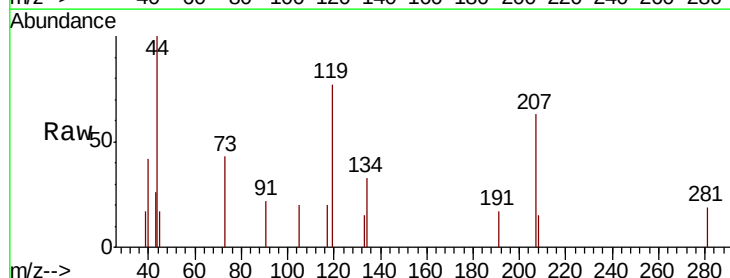
Acq: 29 Aug 2018 14:28

Tgt Ion: 117 Resp: 176

Ion Ratio Lower Upper

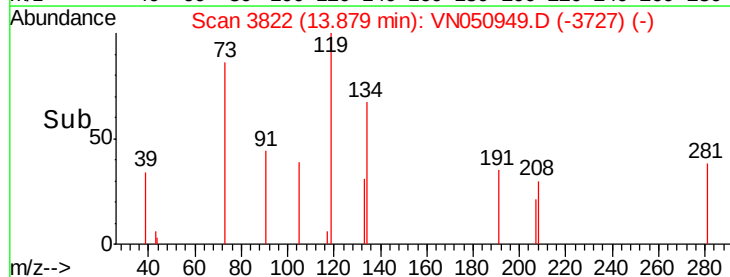
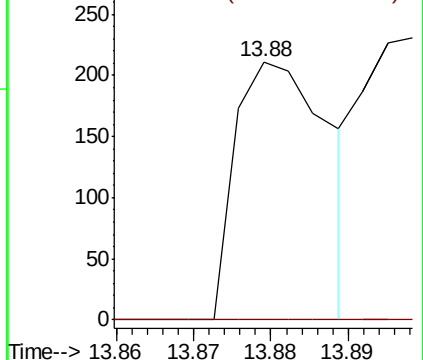
117 100

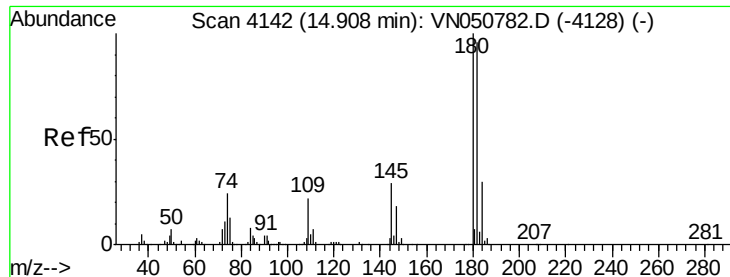
201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

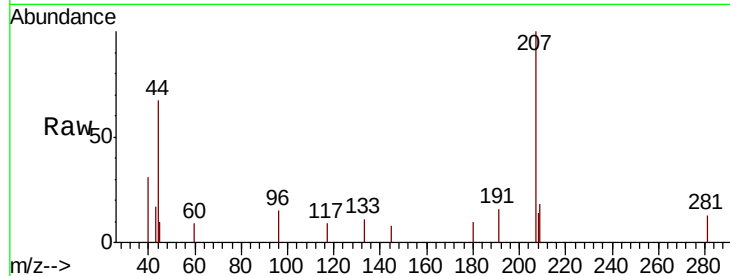




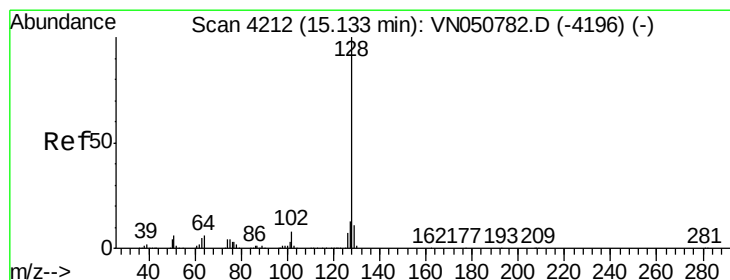
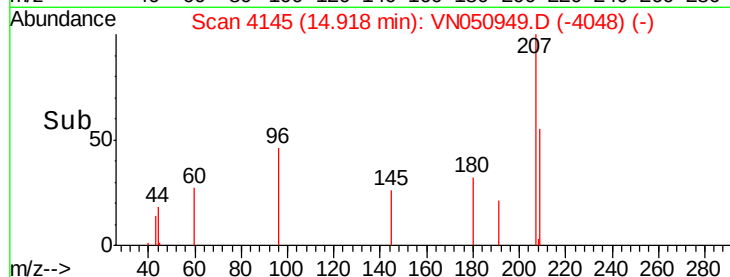
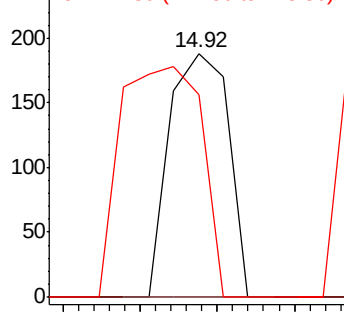
#93
 1,2,4-Trichlorobenzene
 Concen: 4.10 ug/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.01 min
 Lab File: VN050949.D
 Acq: 29 Aug 2018 14:28

Instrument :
 MSVOA_N
 ClientSampleId :
 6722AA

Tot Ion:180 Resp: 100
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.2 144.6#
 145 129.0 14.1 42.2#

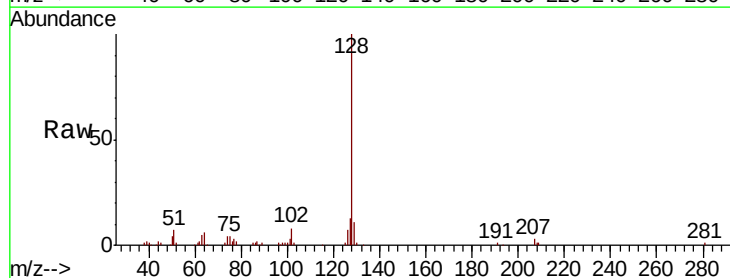


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

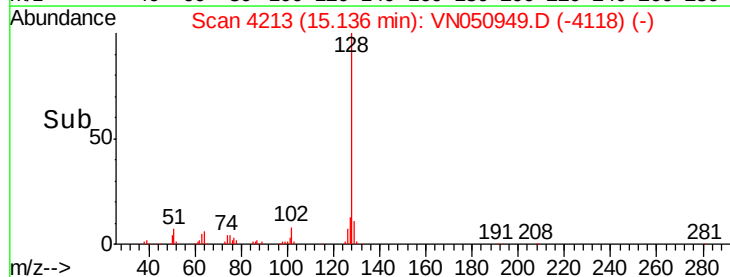
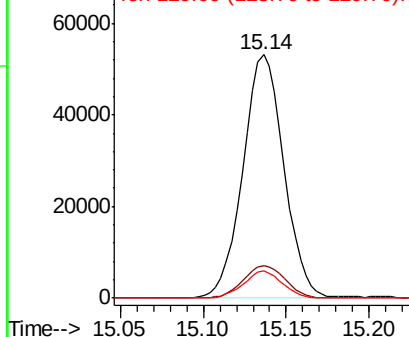


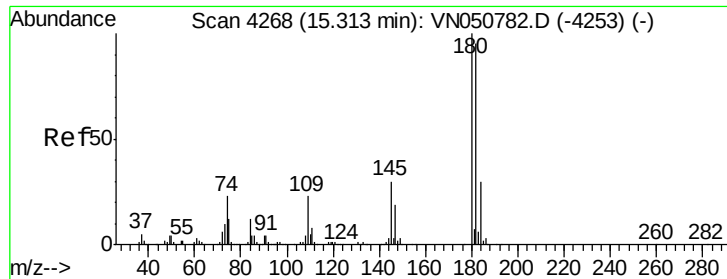
#95
 Naphthalene
 Concen: 12.19 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050949.D
 Acq: 29 Aug 2018 14:28

Tgt Ion:128 Resp: 91129
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.5 15.7
 129 10.6 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





#96
 1,2,3-Trichlorobenzene
 Concen: 3.32 ua/l
 RT: 15.32 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: VN050949.D
 Acq: 29 Aug 2018 14:28

Instrument :
 MSVOA_N
 ClientSampleId :
 6722AA

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.0	144.2#
145	95.8	15.2	45.6#

