

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051737.D
 Acq On : 8 Oct 2018 15:48
 Operator : MD\SY
 Sample : J5238-01
 Misc : 5.52µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 MT-T-5-8

Quant Time: Oct 09 03:58:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	658120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	943377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	854183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	386831	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	392981	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	
35) Dibromofluoromethane	7.59	113	351231	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.09	98	1347079	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.40	95	414394	43.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.04%	

Target Compounds

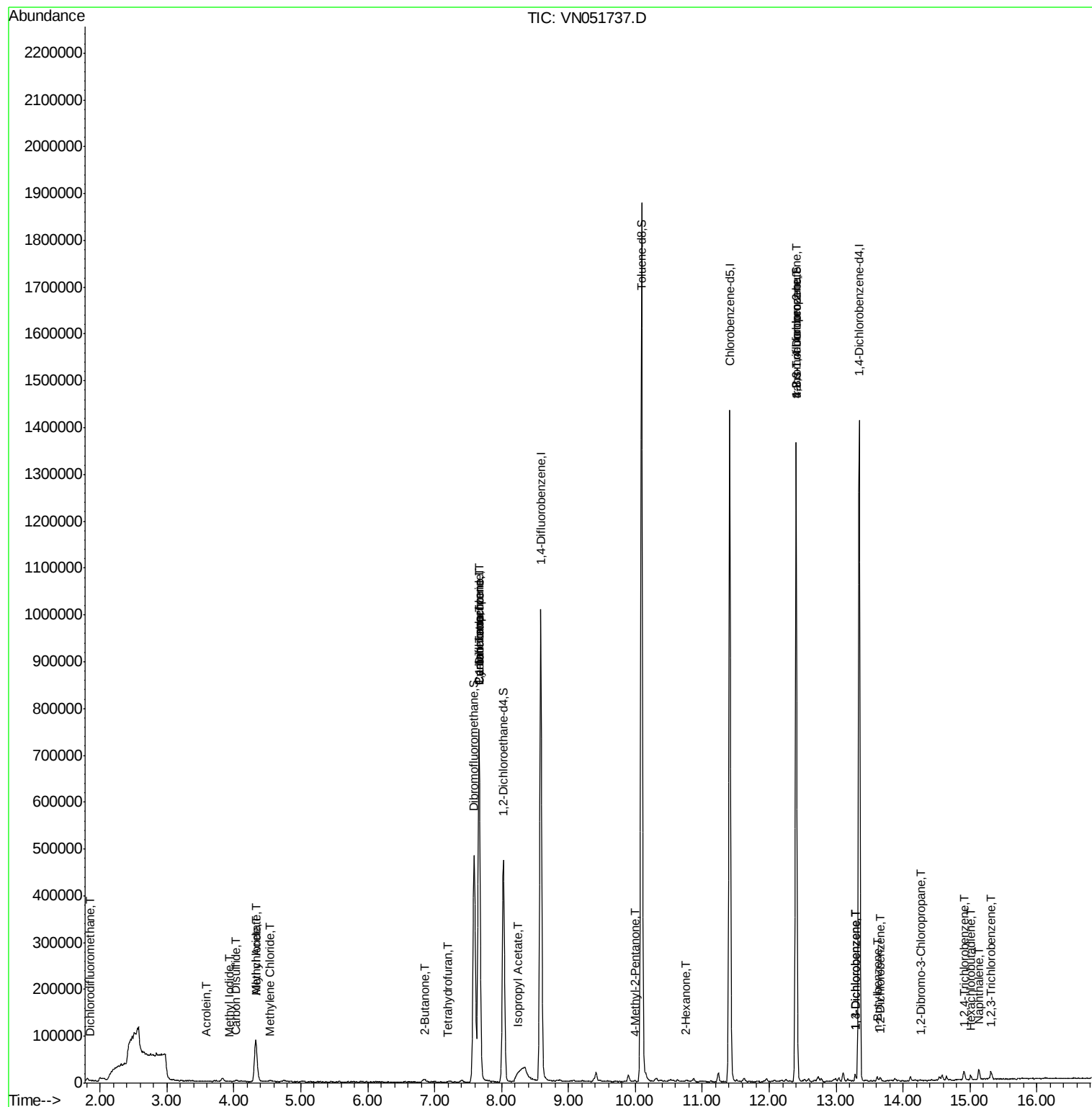
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	561	1.216	ug/l #	42
7) Trichlorofluoromethane	2.97	101	1237	Below Cal	#	80
10) Methyl Iodide	3.93	142	774	2.423	ug/l #	41
13) Acrolein	3.60	56	297	0.805	ug/l #	39
14) Allyl chloride	4.32	41	2859	0.306	ug/l #	24
16) Acetone	3.83	43	12211	Below Cal	#	88
17) Carbon Disulfide	4.04	76	6939	0.372	ug/l	97
18) Methyl Acetate	4.33	43	165122	34.409	ug/l	99
20) Methylene Chloride	4.54	84	1637	0.229	ug/l #	82
25) 2-Butanone	6.86	43	3942	1.570	ug/l #	83
29) Tetrahydrofuran	7.20	42	375	0.243	ug/l #	28
31) Cyclohexane	7.66	56	13636	1.155	ug/l #	38
36) 1,1-Dichloropropene	7.66	75	42986	4.359	ug/l #	49
38) Carbon Tetrachloride	7.66	117	56446	4.771	ug/l #	15
41) Methacrylonitrile	7.15	41	250	Below Cal	#	36
43) Isopropyl Acetate	8.25	43	19230	1.793	ug/l #	59
51) 4-Methyl-2-Pentanone	9.99	43	1693	0.312	ug/l	88
59) 2-Hexanone	10.76	43	1861	0.504	ug/l	98
74) N-amyl acetate	12.07	43	1700	Below Cal		98
75) 1,1,2,2-Tetrachloroethane	12.50	83	531	Below Cal	#	83
76) 1,2,3-Trichloropropane	12.40	75	226653	46.901	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	226653	107.704	ug/l #	14
87) 1,3-Dichlorobenzene	13.28	146	3350	0.238	ug/l	95
88) 1,4-Dichlorobenzene	13.28	146	3350	0.242	ug/l	95
89) n-Butylbenzene	13.62	91	5968	0.258	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	3314	0.237	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.28	75	330	0.285	ug/l	55
93) 1,2,4-Trichlorobenzene	14.91	180	6242	1.004	ug/l	95
94) Hexachlorobutadiene	15.01	225	1577	0.374	ug/l	88
95) Naphthalene	15.13	128	17953	1.338	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	6166	1.007	ug/l	94

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

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Quant Time: Oct 09 03:58:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

Instrument :

MSVOA_N

ClientSampled :

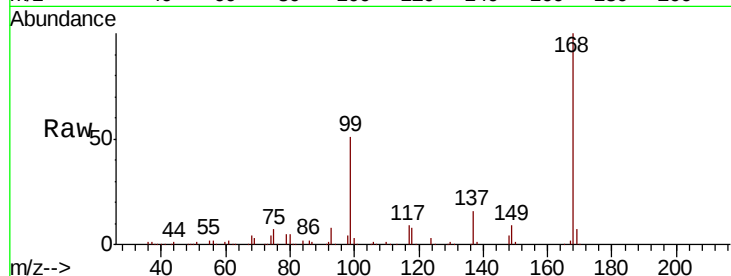
MT-T-5-8

Tot Ion:168 Resp: 658120

Ion Ratio Lower Upper

168 100

99 50.7 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

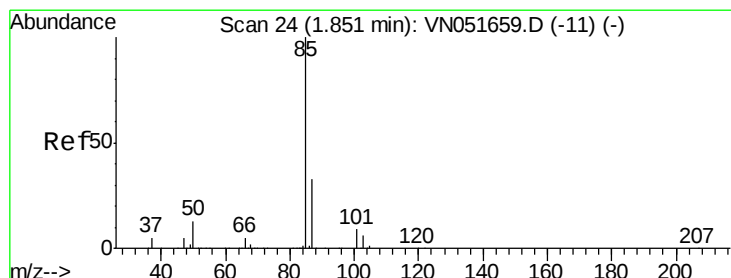
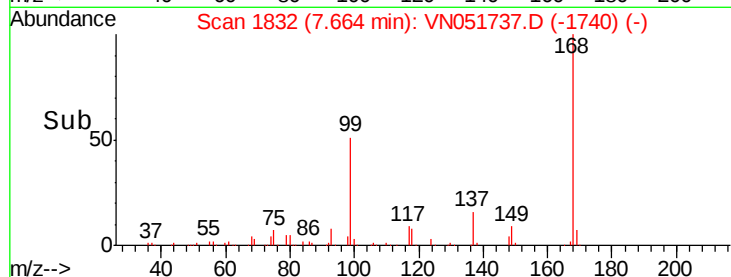
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.216 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN051737.D

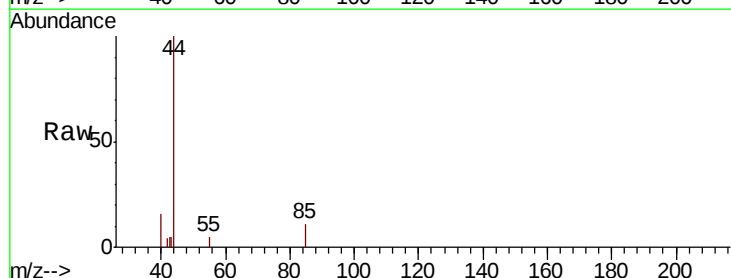
Acq: 8 Oct 2018 15:48

Tgt Ion: 85 Resp: 561

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.4#



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

500

400

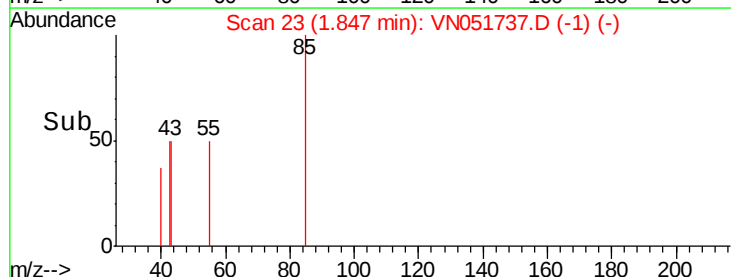
300

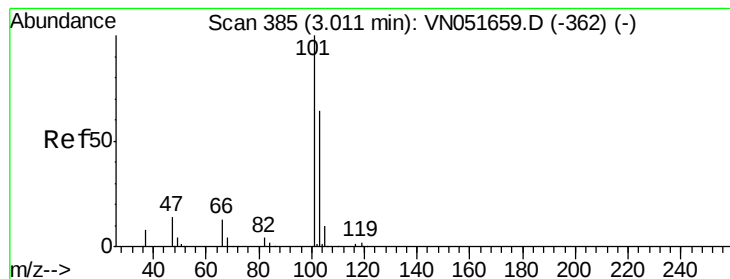
200

100

0

Time-->



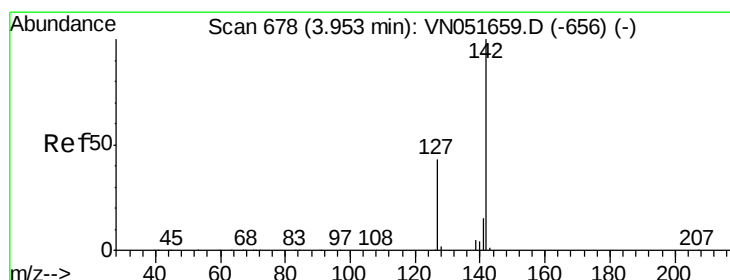
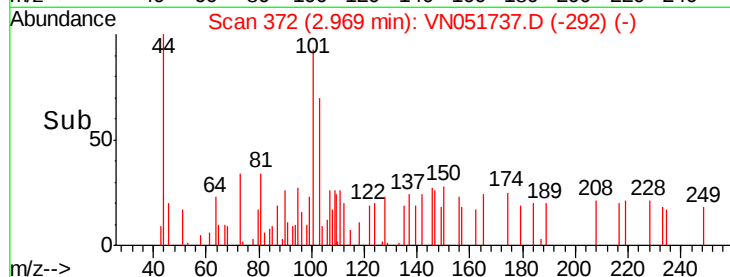
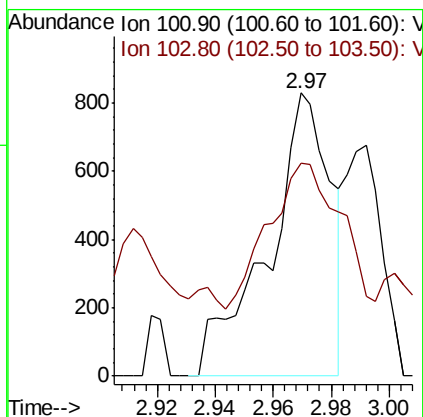
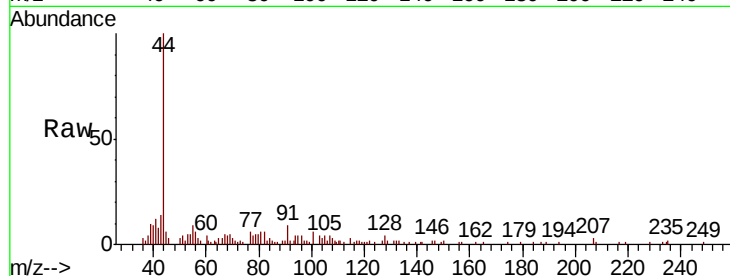


#7

Trichlorofluoromethane
 Concen: Below Cal
 RT: 2.97 min Scan# 372
 Delta R.T. -0.04 min
 Lab File: VN051737.D
 Acq: 8 Oct 2018 15:48

Instrument :
 MSVOA_N
 ClientSampleId :
 MT-T-5-8

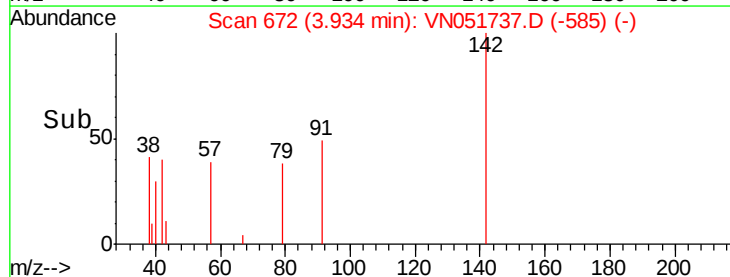
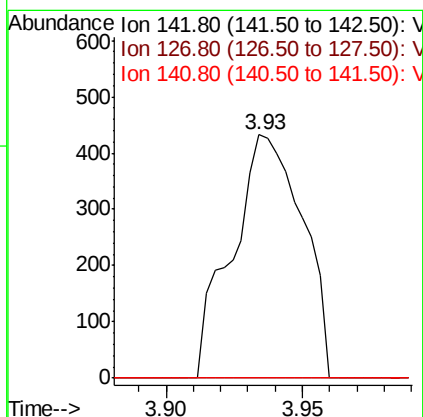
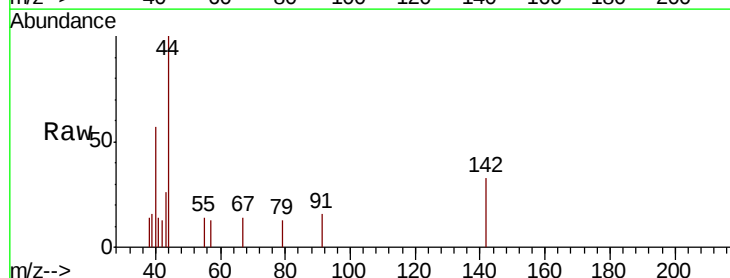
Tot Ion:101 Resp: 1237
 Ion Ratio Lower Upper
 101 100
 103 48.3 51.1 76.7#

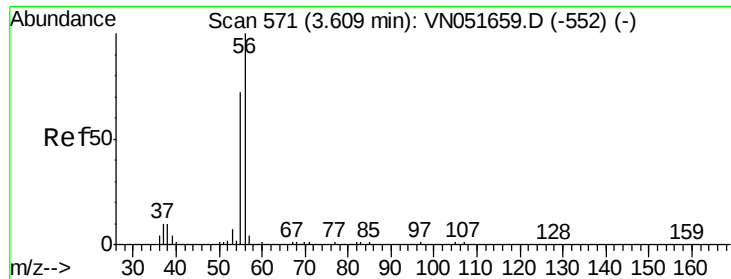


#10

Methyl Iodide
 Concen: 2.423 ug/l
 RT: 3.93 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: VN051737.D
 Acq: 8 Oct 2018 15:48

Tgt Ion:142 Resp: 774
 Ion Ratio Lower Upper
 142 100
 127 0.0 34.7 52.1#
 141 0.0 11.4 17.2#





#13

Acrolein

Concen: 0.805 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

Instrument :

MSVOA_N

ClientSampleId :

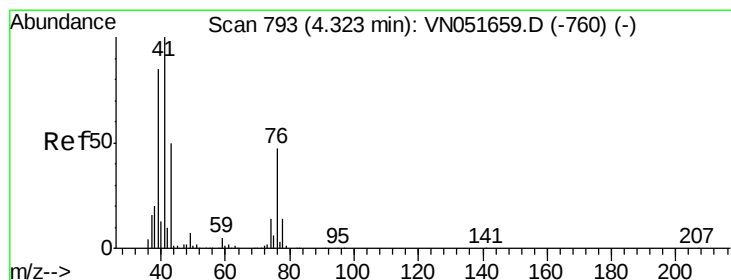
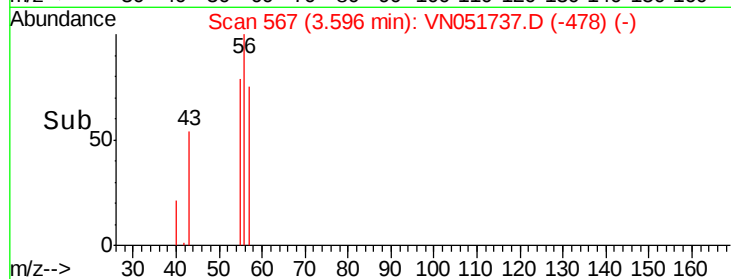
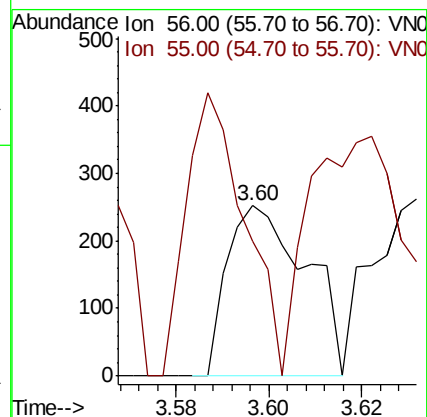
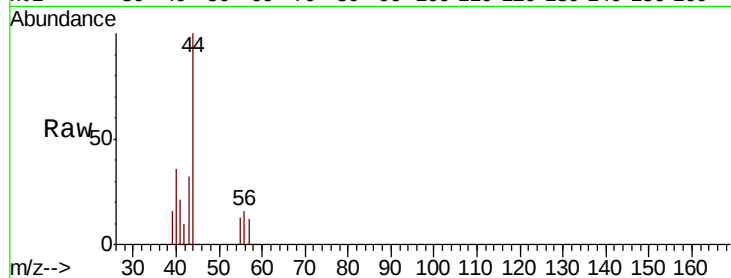
MT-T-5-8

Tot Ion: 56 Resp: 297

Ion Ratio Lower Upper

56 100

55 122.6 57.5 86.3#



#14

Allyl chloride

Concen: 0.306 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

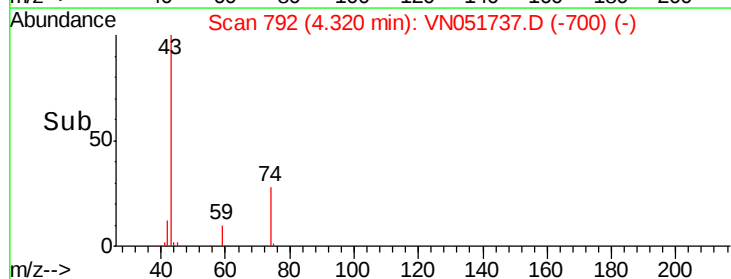
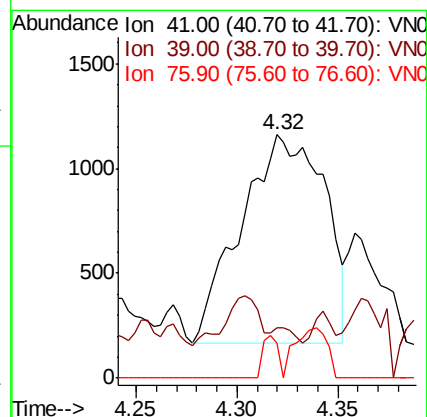
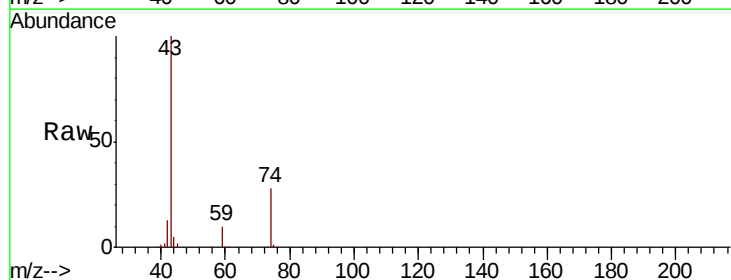
Tgt Ion: 41 Resp: 2859

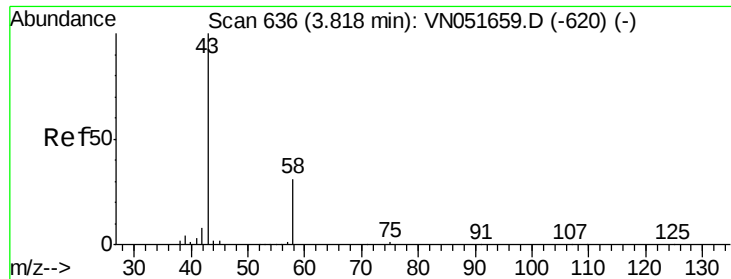
Ion Ratio Lower Upper

41 100

39 9.8 65.4 98.0#

76 0.0 34.3 51.5#





#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

Instrument :

MSVOA_N

ClientSampleId :

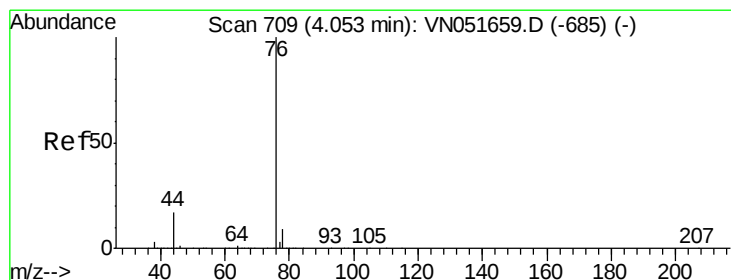
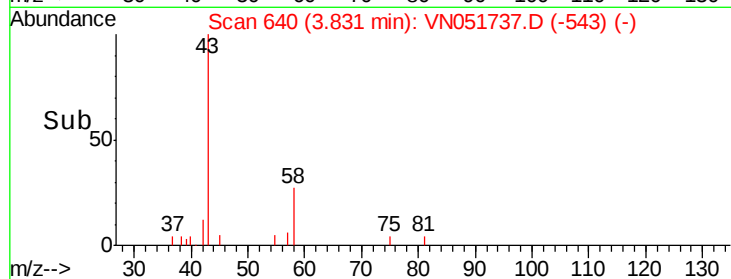
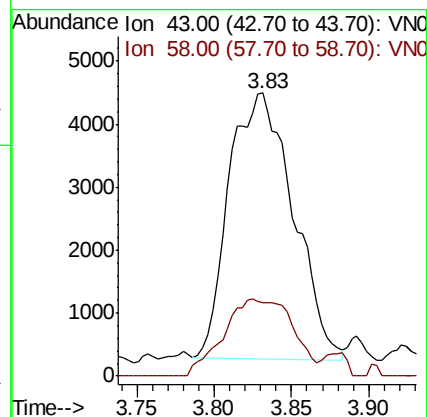
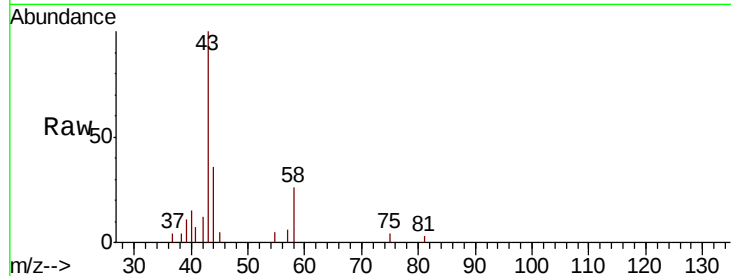
MT-T-5-8

Tot Ion: 43 Resp: 12211

Ion Ratio Lower Upper

43 100

58 23.9 24.3 36.5#



#17

Carbon Disulfide

Concen: 0.372 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.02 min

Lab File: VN051737.D

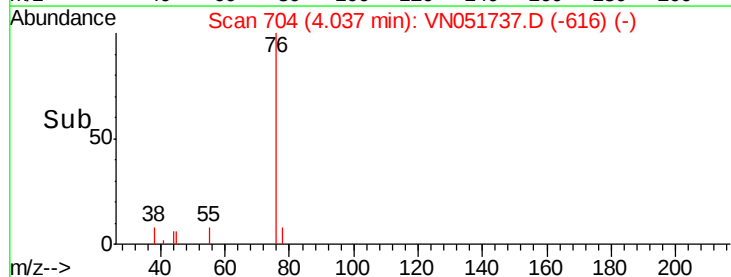
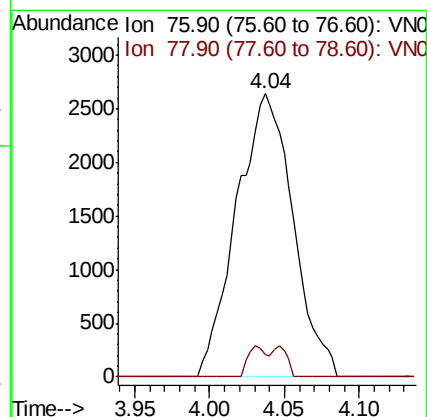
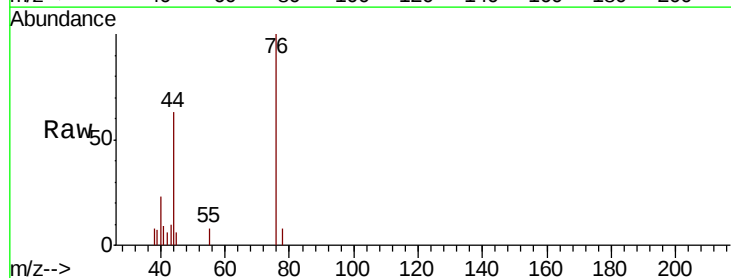
Acq: 8 Oct 2018 15:48

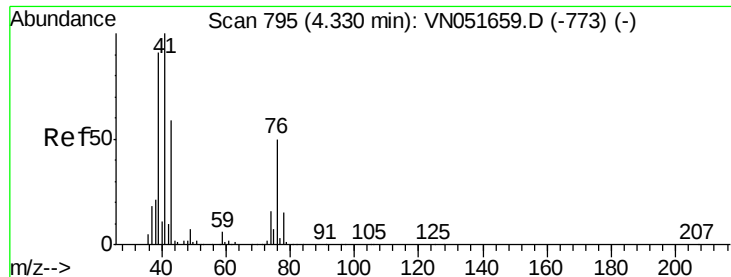
Tgt Ion: 76 Resp: 6939

Ion Ratio Lower Upper

76 100

78 7.8 7.2 10.8

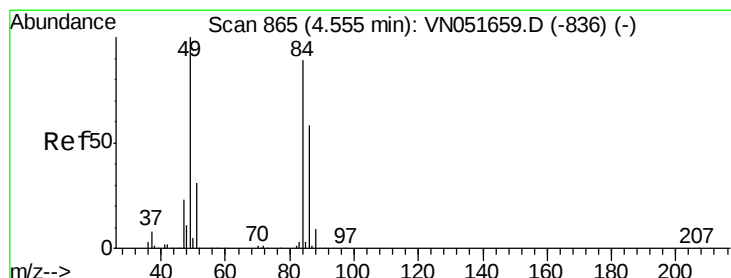
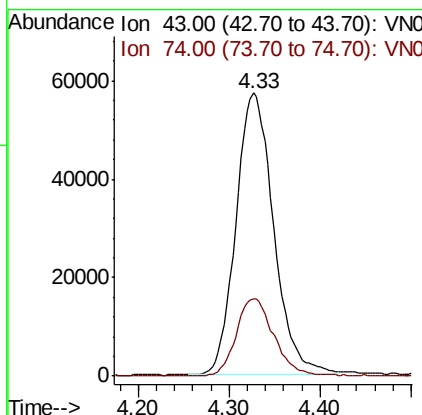
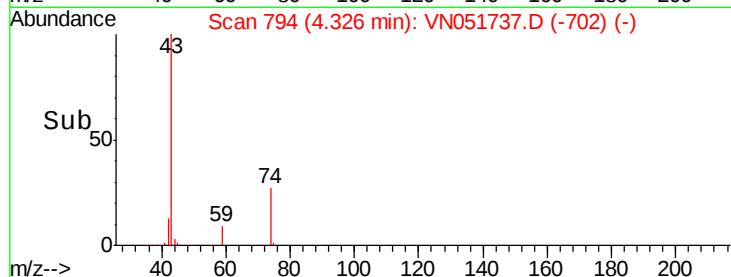
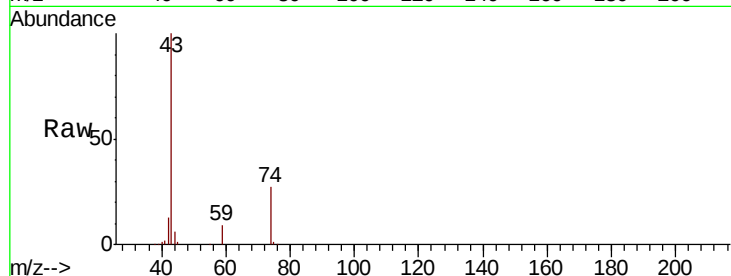




#18
Methvl Acetate
Concen: 34.409 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051737.D
Acq: 8 Oct 2018 15:48

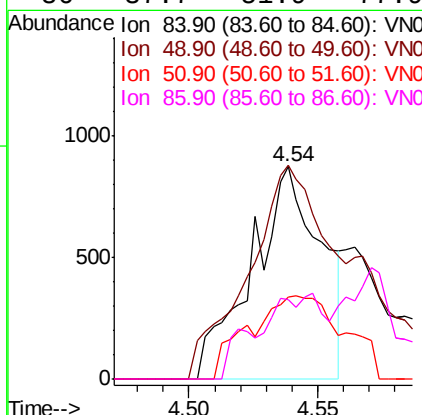
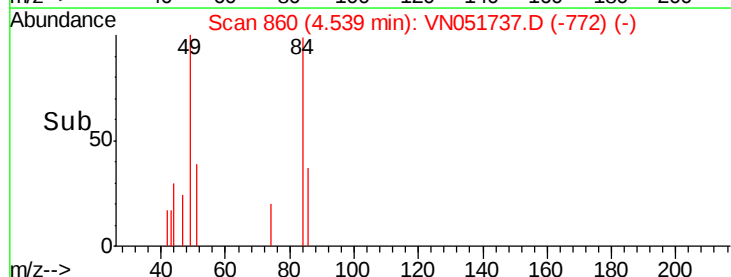
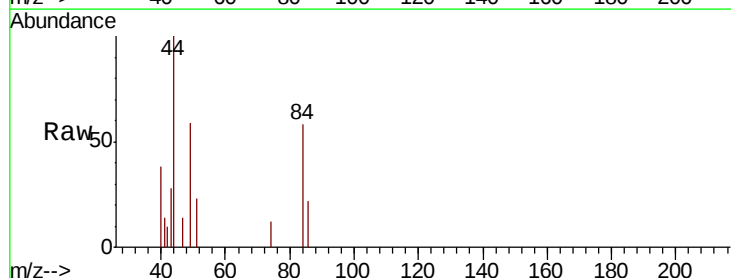
Instrument :
MSVOA_N
ClientSampleId :
MT-T-5-8

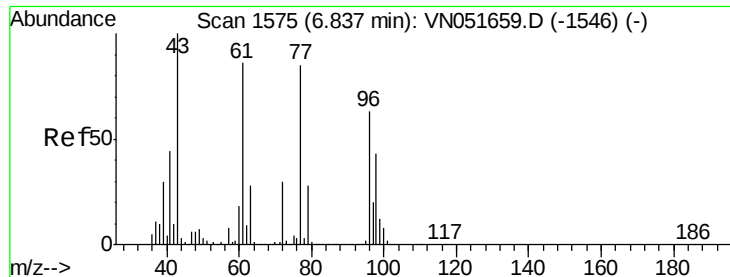
Tot Ion: 43 Resp: 165122
Ion Ratio Lower Upper
43 100
74 27.3 21.5 32.3



#20
Methylene Chloride
Concen: 0.229 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.02 min
Lab File: VN051737.D
Acq: 8 Oct 2018 15:48

Tgt Ion: 84 Resp: 1637
Ion Ratio Lower Upper
84 100
49 100.7 89.5 134.3
51 38.8 27.4 41.0
86 37.7 51.9 77.9#





#25

2-Butanone

Concen: 1.570 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. 0.02 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

Instrument :

MSVOA_N

ClientSampled :

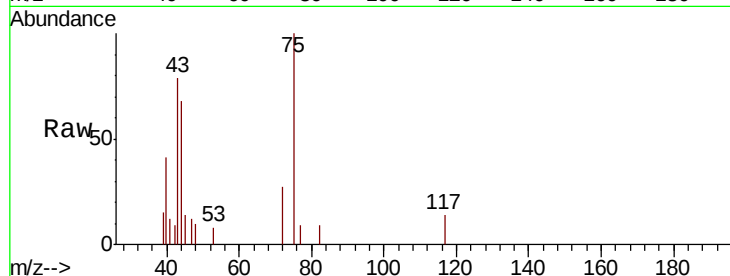
MT-T-5-8

Tot Ion: 43 Resp: 3942

Ion Ratio Lower Upper

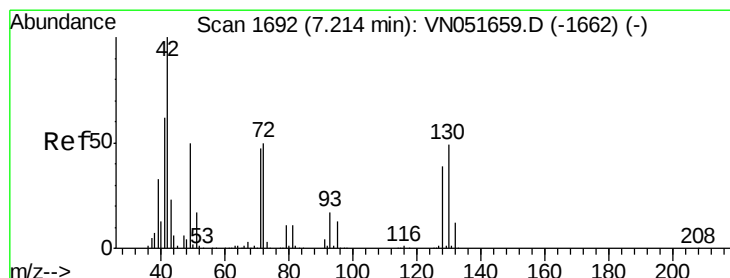
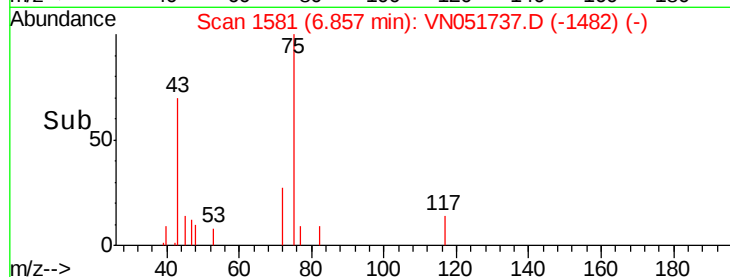
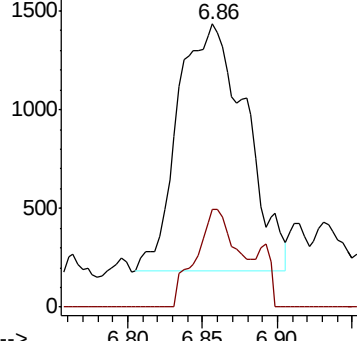
43 100

72 39.5 24.2 36.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.243 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

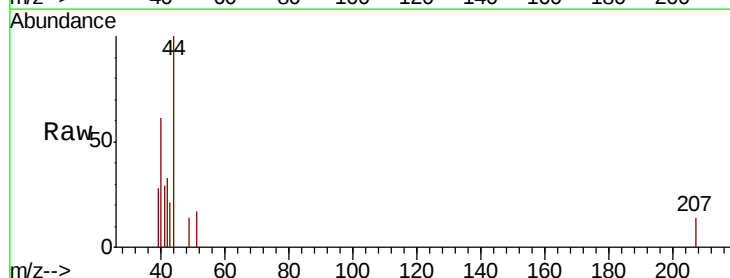
Tgt Ion: 42 Resp: 375

Ion Ratio Lower Upper

42 100

72 0.0 40.1 60.1#

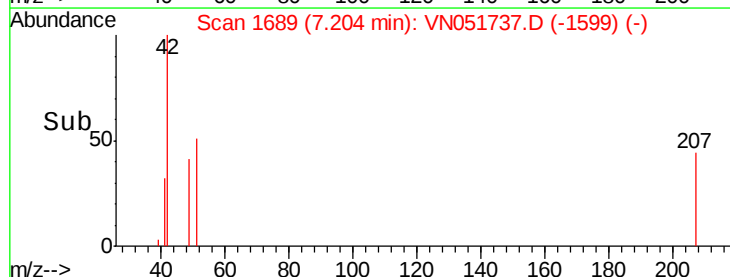
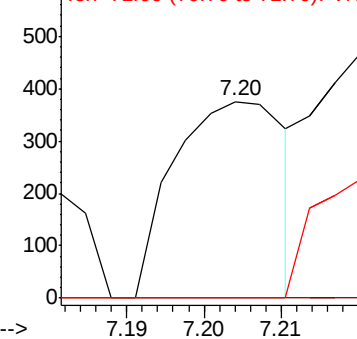
71 0.0 38.0 57.0#

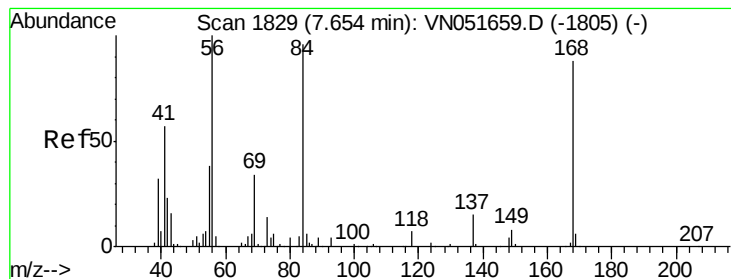


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Cyclohexane

Concen: 1.155 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

Instrument :

MSVOA_N

ClientSampled :

MT-T-5-8

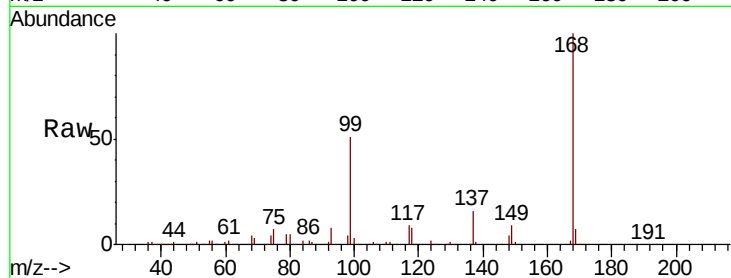
Tot Ion: 56 Resp: 13636

Ion Ratio Lower Upper

56 100

69 139.9 27.5 41.3#

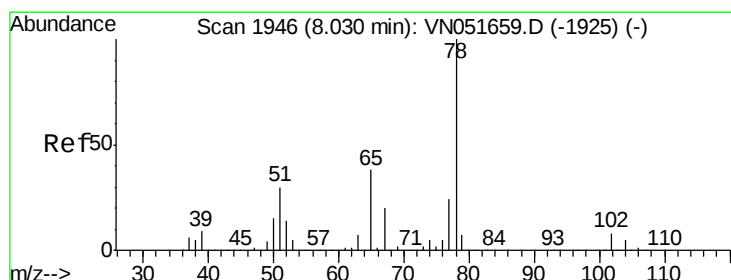
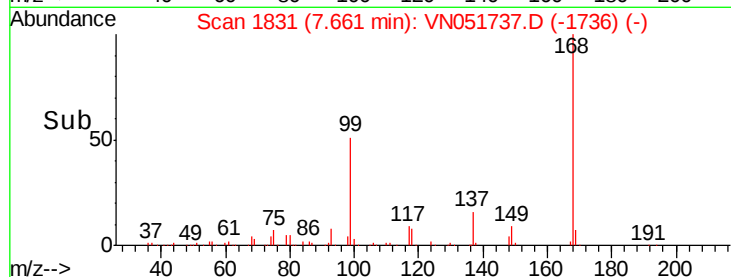
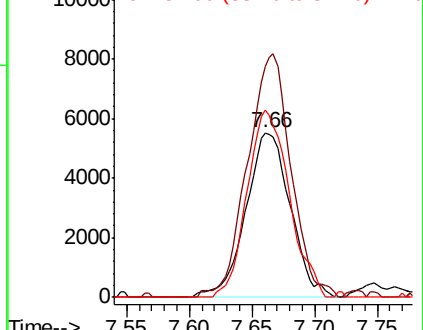
84 113.8 76.7 115.1



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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051737.D

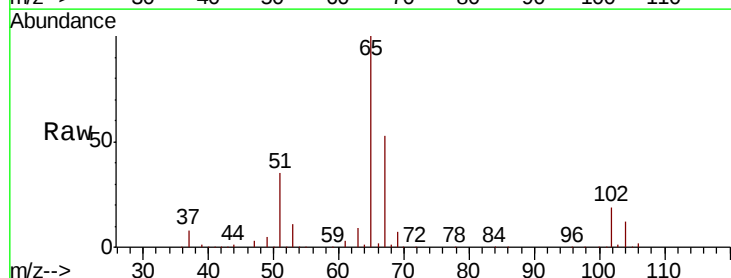
Acq: 8 Oct 2018 15:48

Tgt Ion: 65 Resp: 392981

Ion Ratio Lower Upper

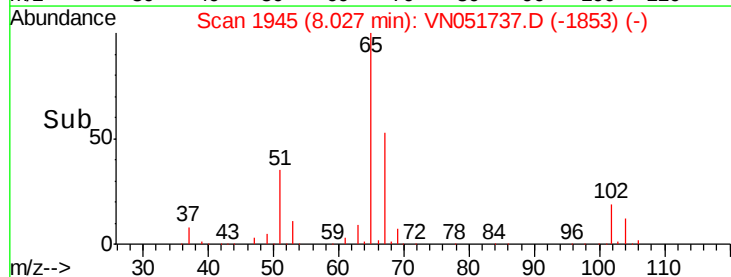
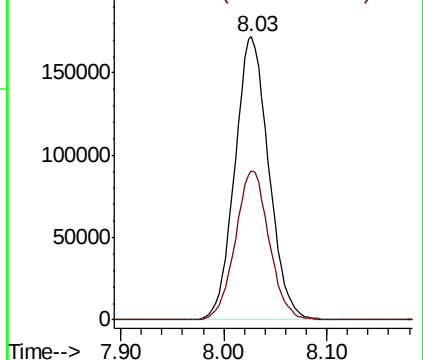
65 100

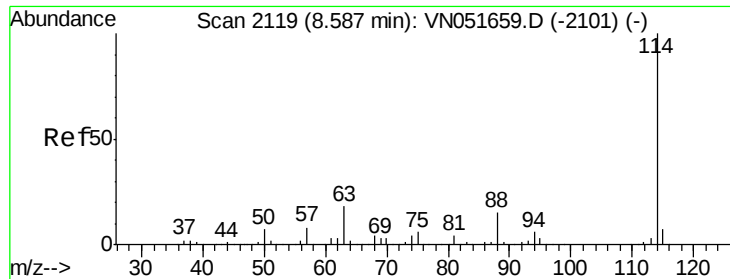
67 52.7 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

Instrument :

MSVOA_N

ClientSampleId :

MT-T-5-8

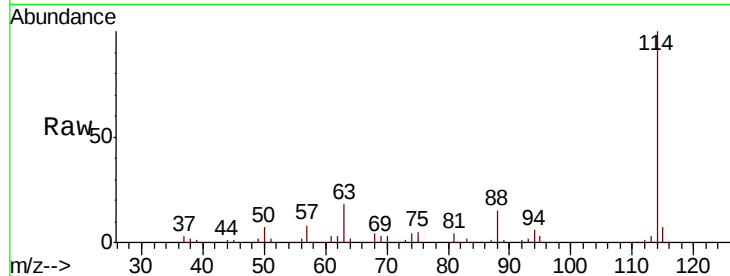
Tot Ion:114 Resp: 943377

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.2

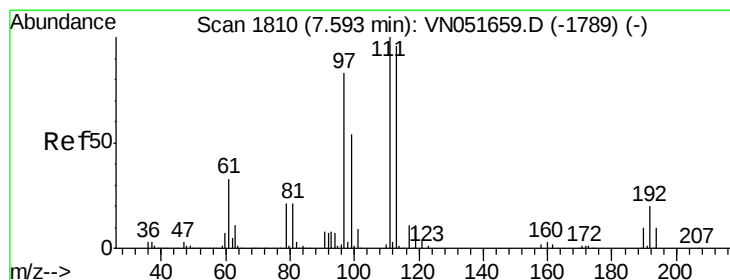
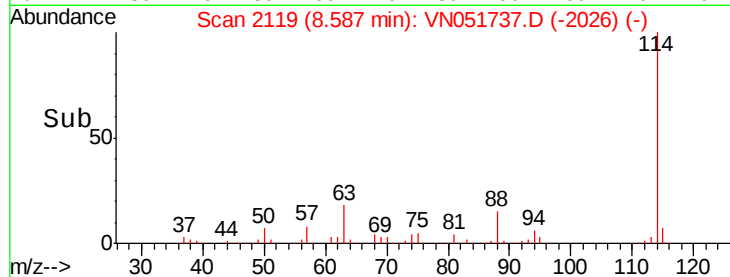
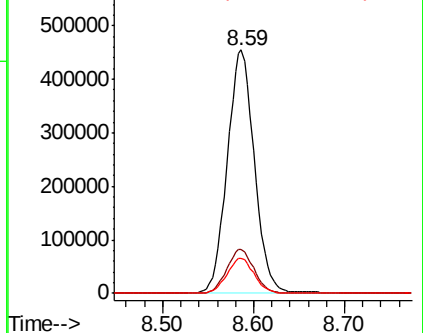
88 14.5 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

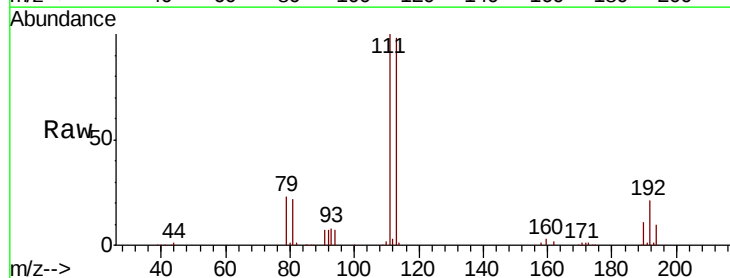
Tgt Ion:113 Resp: 351231

Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.8

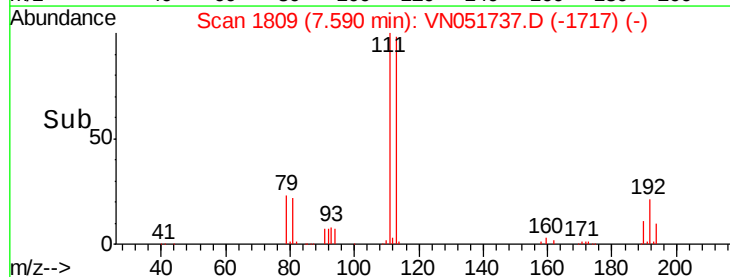
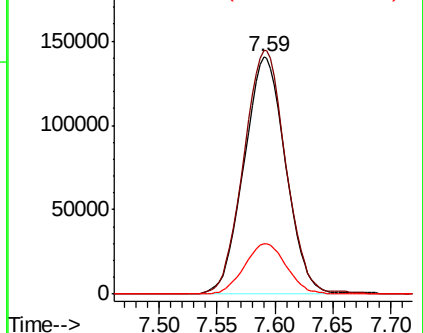
192 21.5 16.5 24.7

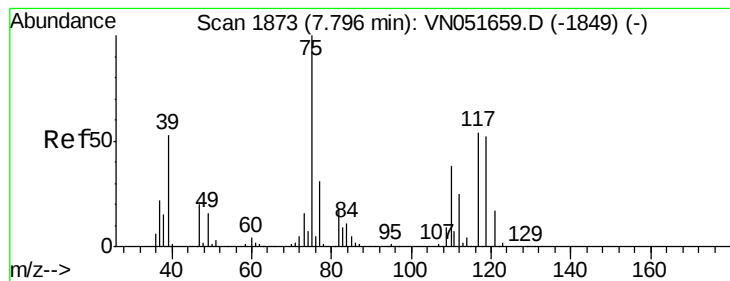


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.359 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

Instrument :

MSVOA_N

ClientSampleId :

MT-T-5-8

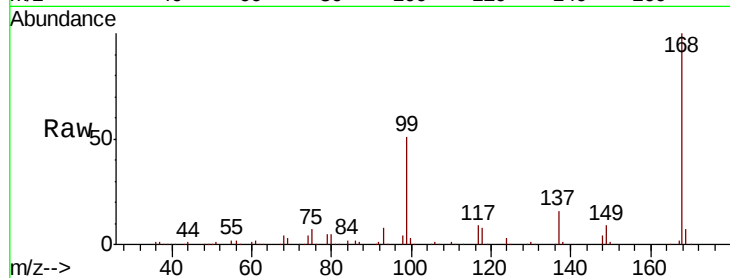
Tot Ion: 75 Resp: 42986

Ion Ratio Lower Upper

75 100

110 9.8 19.3 57.8#

77 0.1 24.7 37.1#

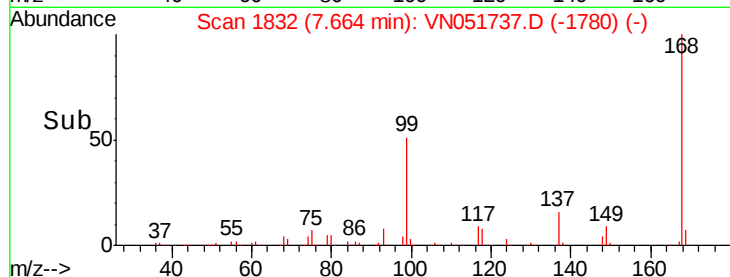


Abundance Ion 74.90 (74.60 to 75.60): VN051659.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN051659.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN051659.D (-1849) (-)

Time-->

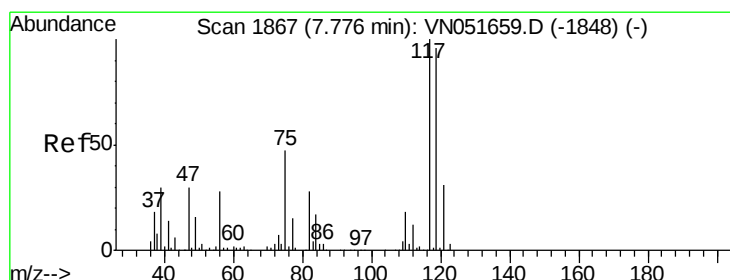


Abundance Ion 74.90 (74.60 to 75.60): VN051737.D (-1780) (-)

Ion 109.90 (109.60 to 110.60): VN051737.D (-1780) (-)

Ion 76.90 (76.60 to 77.60): VN051737.D (-1780) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.771 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.12 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

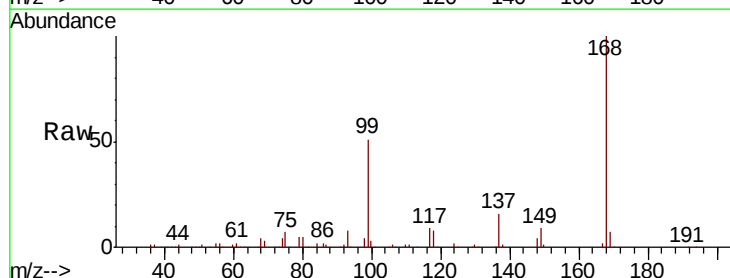
Tgt Ion: 117 Resp: 56446

Ion Ratio Lower Upper

117 100

119 4.3 77.0 115.6#

121 0.0 25.0 37.6#

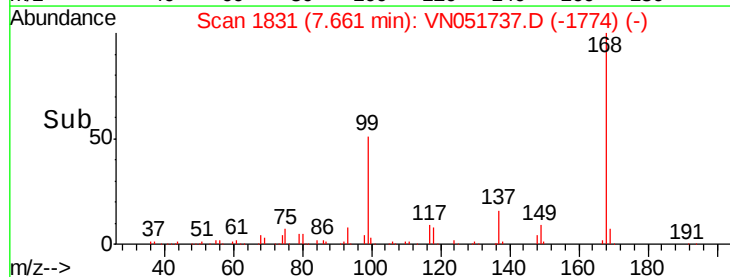


Abundance Ion 116.80 (116.50 to 117.50): VN051659.D (-1848) (-)

Ion 118.80 (118.50 to 119.50): VN051659.D (-1848) (-)

Ion 120.80 (120.50 to 121.50): VN051659.D (-1848) (-)

Time-->

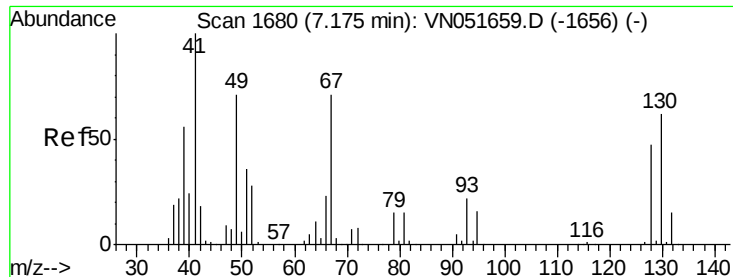


Abundance Ion 116.80 (116.50 to 117.50): VN051737.D (-1774) (-)

Ion 118.80 (118.50 to 119.50): VN051737.D (-1774) (-)

Ion 120.80 (120.50 to 121.50): VN051737.D (-1774) (-)

Time-->



#41

Methacrylonitrile

Concen: Below Cal

RT: 7.15 min Scan# 1673

Delta R.T. -0.02 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

Instrument :

MSVOA_N

ClientSampleId :

MT-T-5-8

Tot Ion: 41 Resp: 250

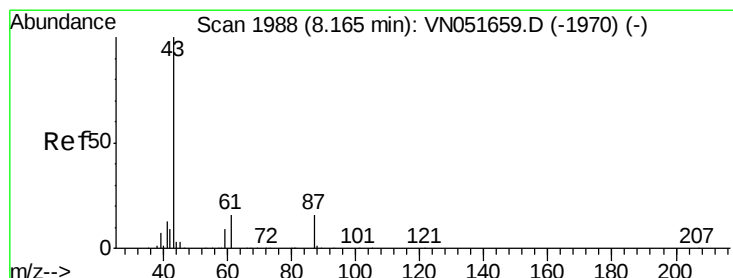
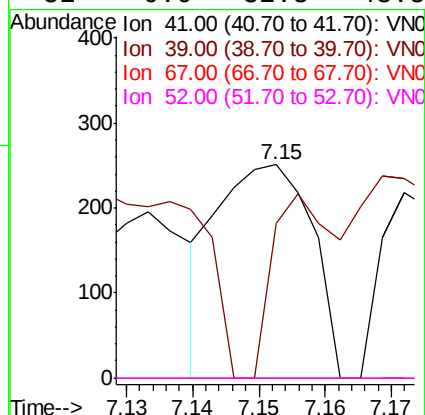
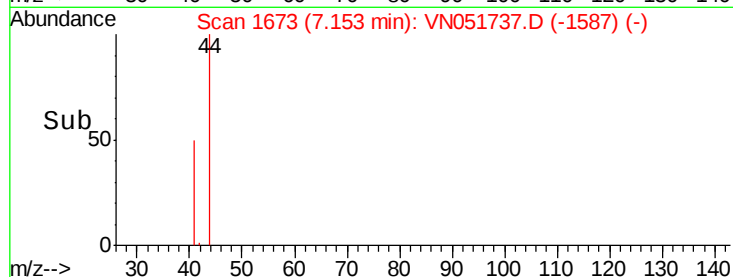
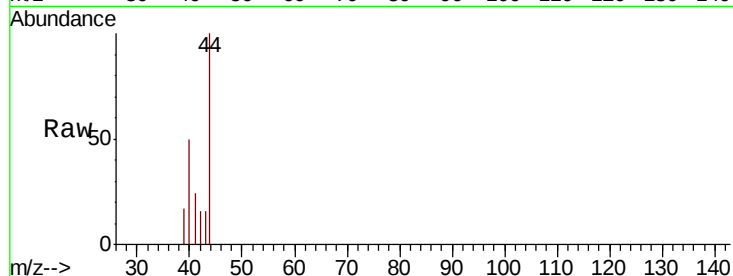
Ion Ratio Lower Upper

41 100

39 57.6 53.9 80.9

67 0.0 78.1 117.1#

52 0.0 32.3 48.5#



#43

Isopropyl Acetate

Concen: 1.793 ug/l

RT: 8.25 min Scan# 2014

Delta R.T. 0.08 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

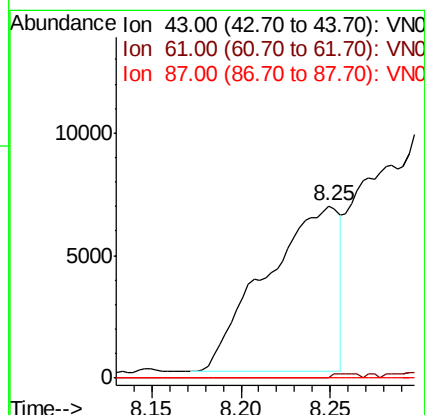
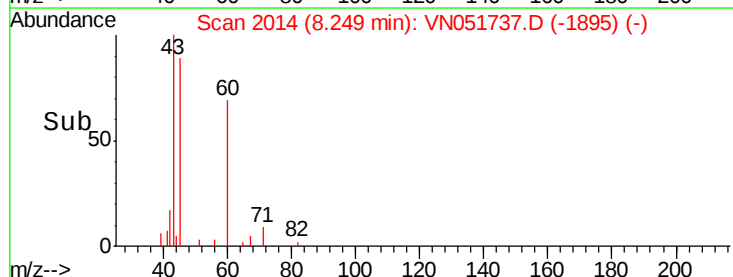
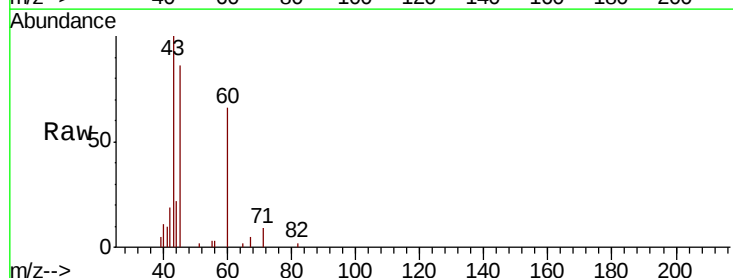
Tgt Ion: 43 Resp: 19230

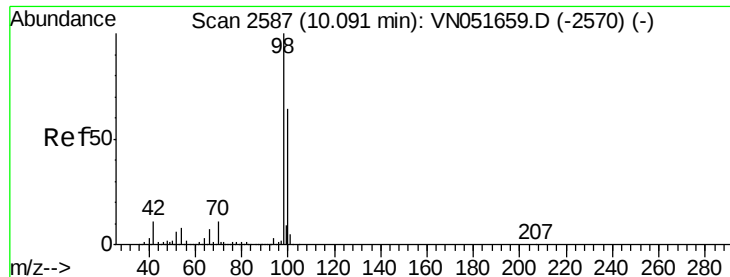
Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

87 0.0 12.6 19.0#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

Instrument :

MSVOA_N

ClientSampleId :

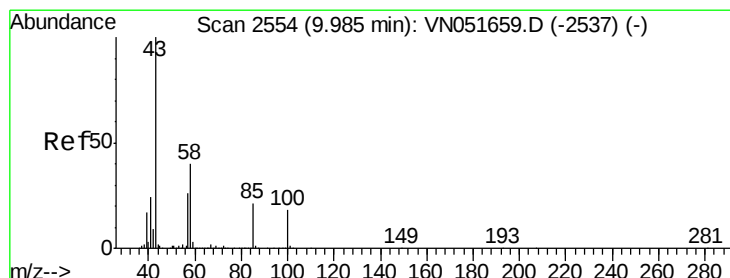
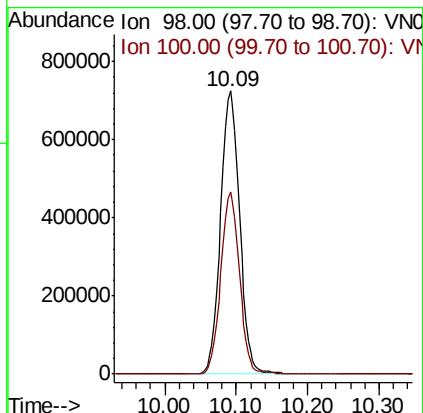
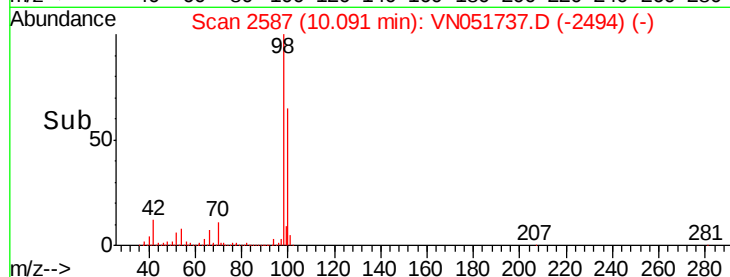
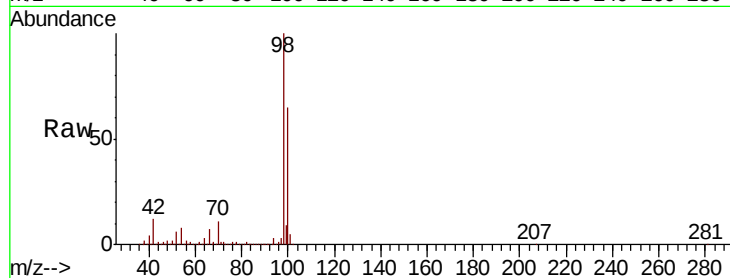
MT-T-5-8

Tot Ion: 98 Resp: 1347079

Ion Ratio Lower Upper

98 100

100 63.0 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.312 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN051737.D

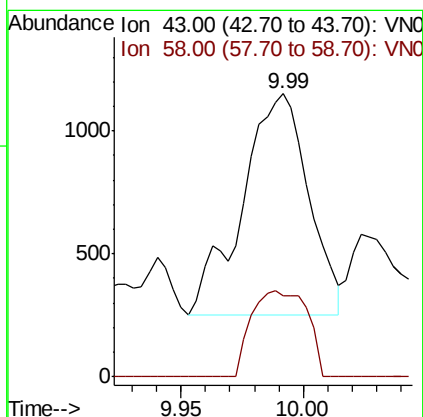
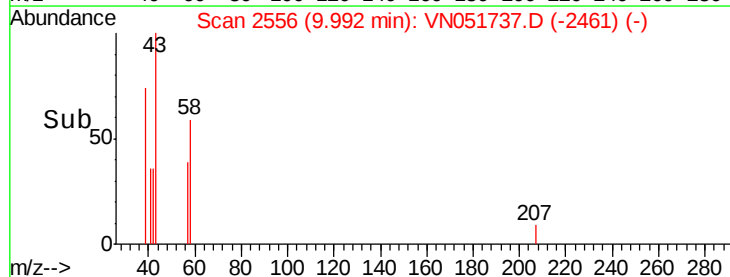
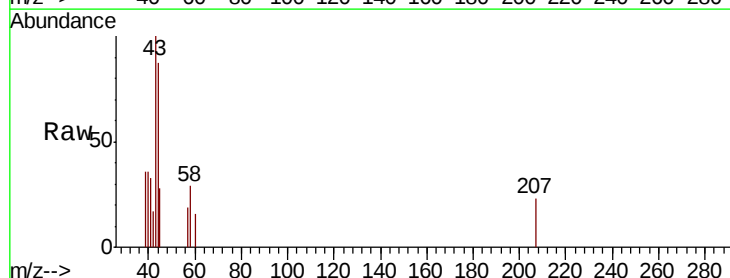
Acq: 8 Oct 2018 15:48

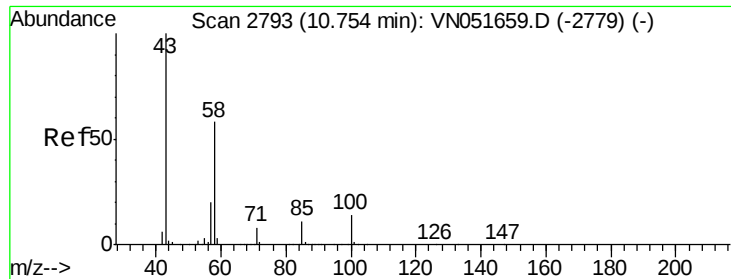
Tgt Ion: 43 Resp: 1693

Ion Ratio Lower Upper

43 100

58 32.7 32.2 48.2

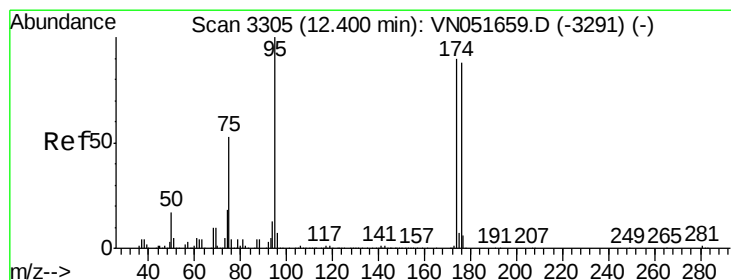
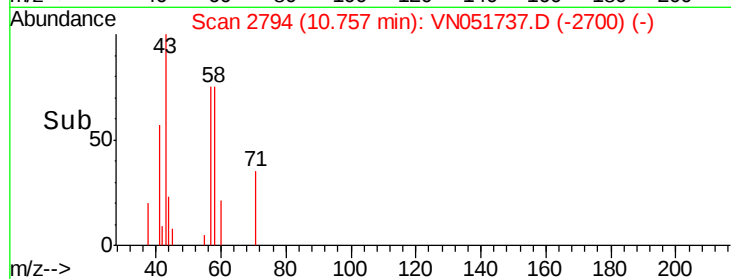
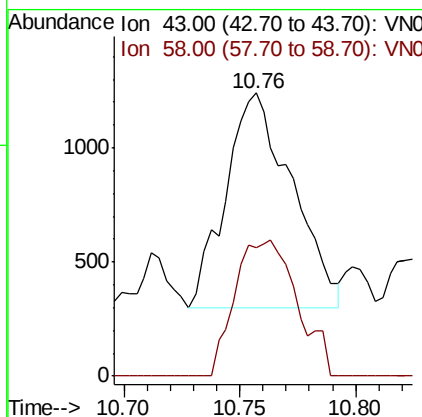
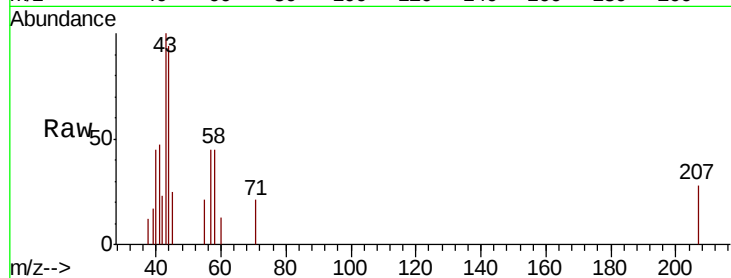




#59
2-Hexanone
Concen: 0.504 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN051737.D
Acq: 8 Oct 2018 15:48

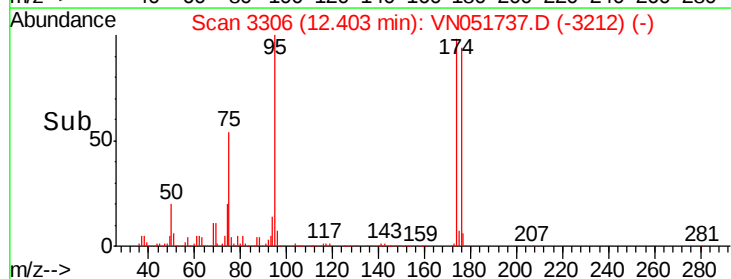
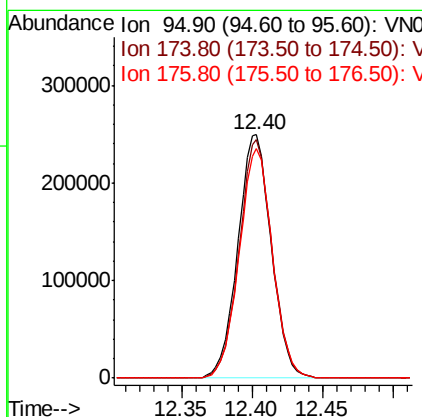
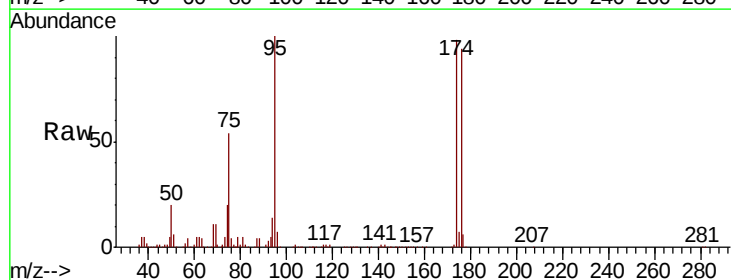
Instrument :
MSVOA_N
ClientSampled :
MT-T-5-8

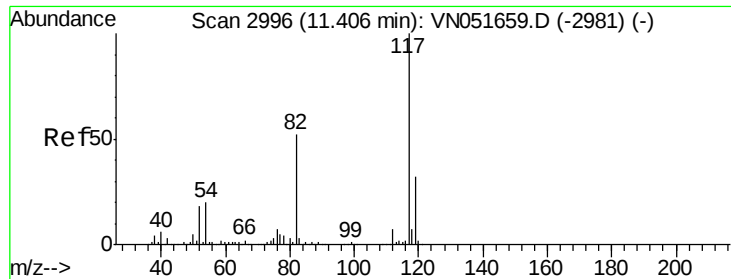
Tot Ion: 43 Resp: 1861
Ion Ratio Lower Upper
43 100
58 59.4 28.8 86.4



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051737.D
Acq: 8 Oct 2018 15:48

Tgt Ion: 95 Resp: 414394
Ion Ratio Lower Upper
95 100
174 96.3 0.0 182.8
176 93.6 0.0 176.4

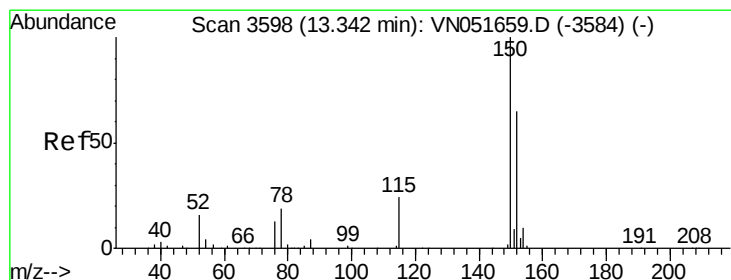
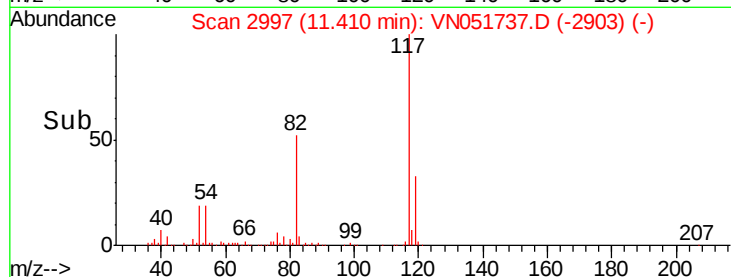
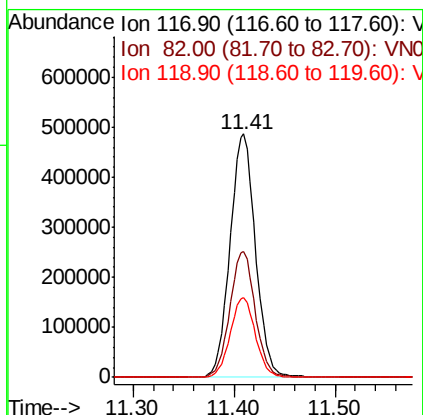
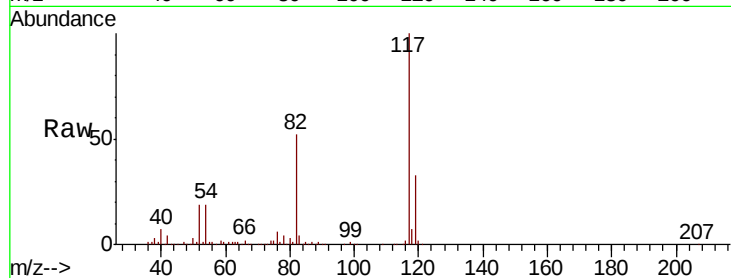




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051737.D
Acq: 8 Oct 2018 15:48

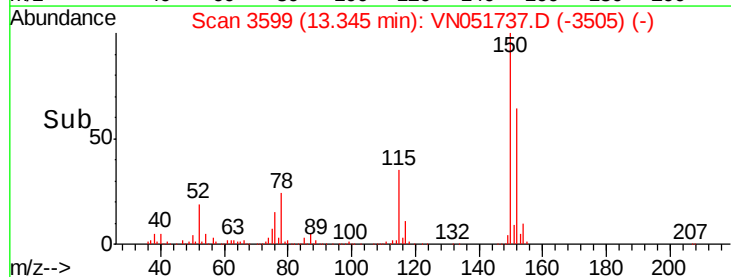
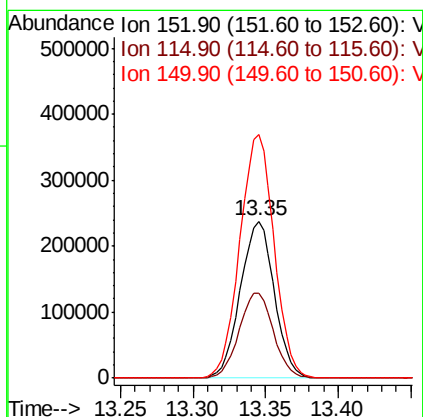
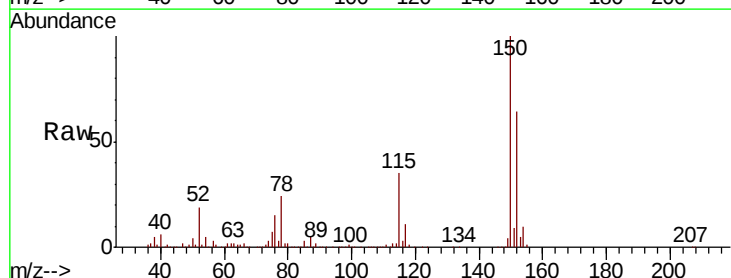
Instrument :
MSVOA_N
ClientSampled :
MT-T-5-8

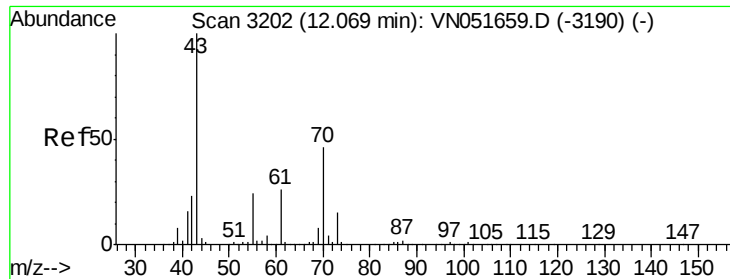
Tot Ion:117 Resp: 854183
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051737.D
Acq: 8 Oct 2018 15:48

Tgt Ion:152 Resp: 386831
Ion Ratio Lower Upper
152 100
115 54.7 28.6 85.8
150 156.6 0.0 352.4





#74

N-amvl acetate

Concen: Below Cal

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

Instrument :

MSVOA_N

ClientSampleId :

MT-T-5-8

Tot Ion: 43 Resp: 1700

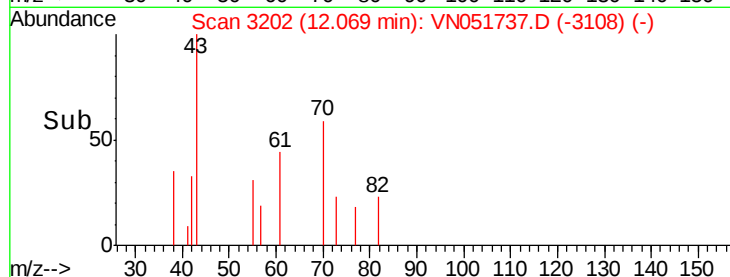
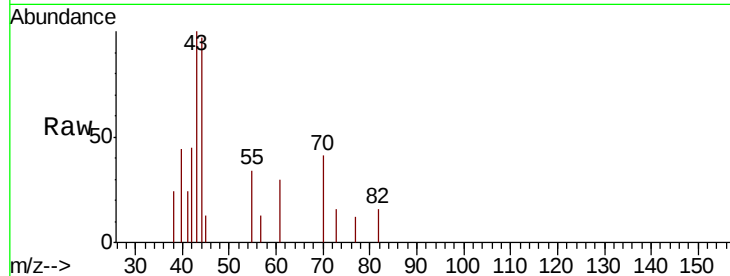
Ion Ratio Lower Upper

43 100

70 46.5 37.1 55.7

55 22.2 19.1 28.7

61 24.5 20.8 31.2

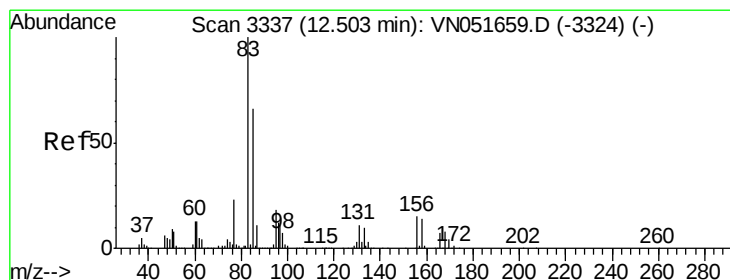
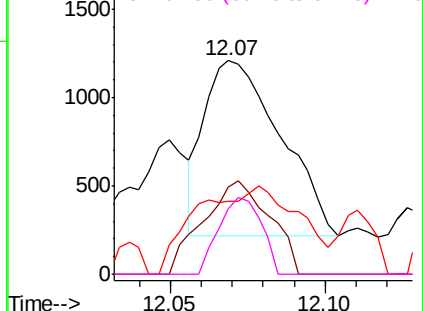


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

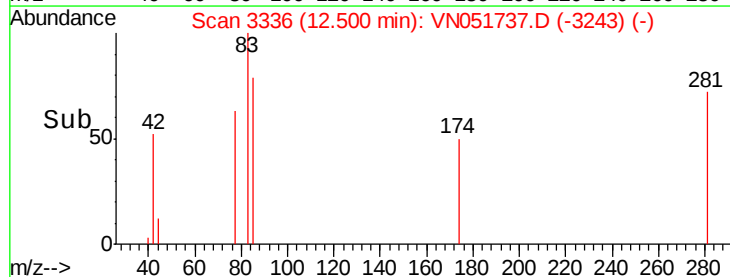
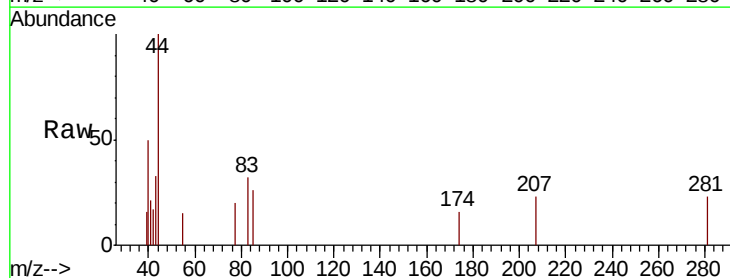
Tgt Ion: 83 Resp: 531

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

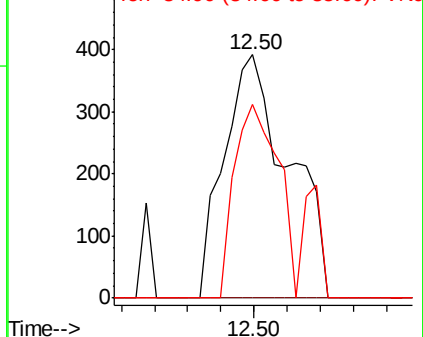
85 53.9 33.0 98.9

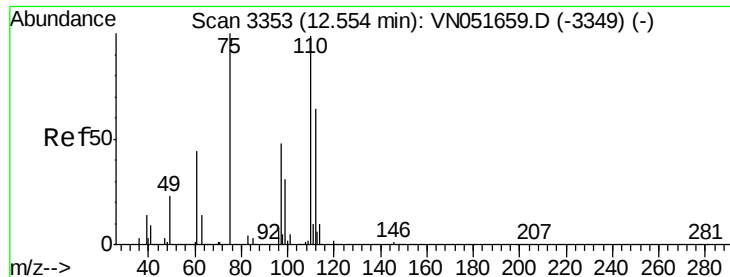


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 46.901 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

Instrument :

MSVOA_N

ClientSampled :

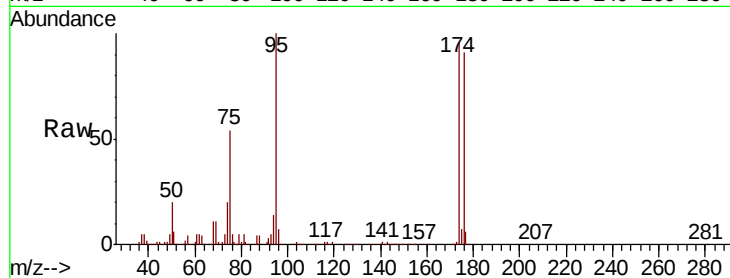
MT-T-5-8

Tot Ion: 75 Resp: 226653

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

150000

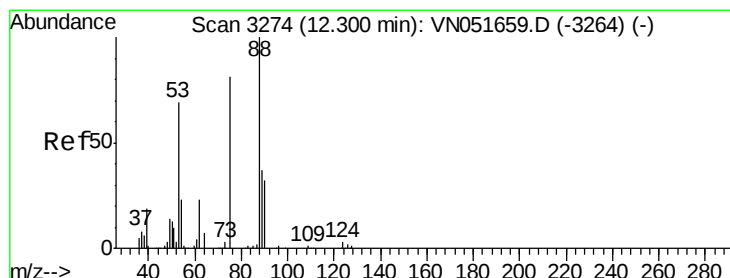
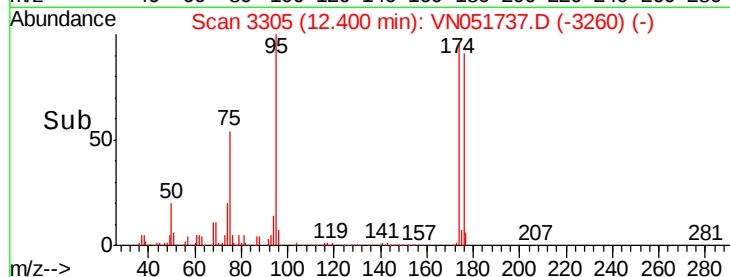
100000

50000

0

Time-->

12.35 12.40 12.45



#81

trans-1,4-Dichloro-2-butene

Concen: 107.704 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

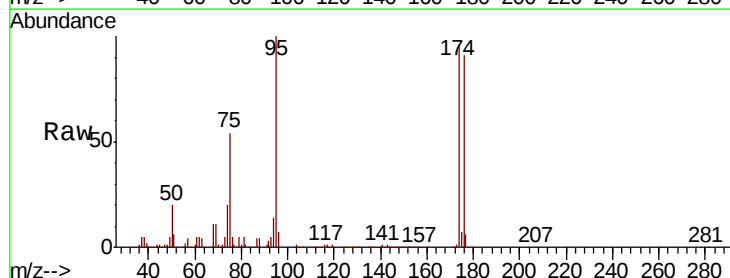
Tgt Ion: 75 Resp: 226653

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

89 0.0 39.4 59.2#



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

12.40

150000

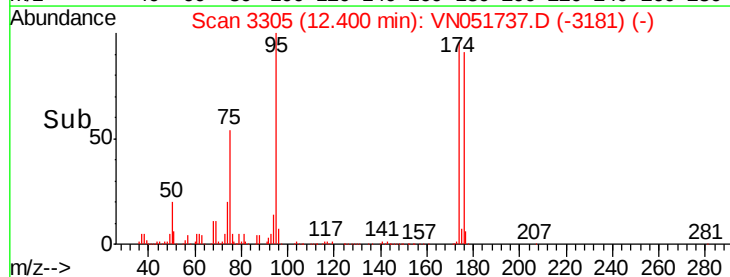
100000

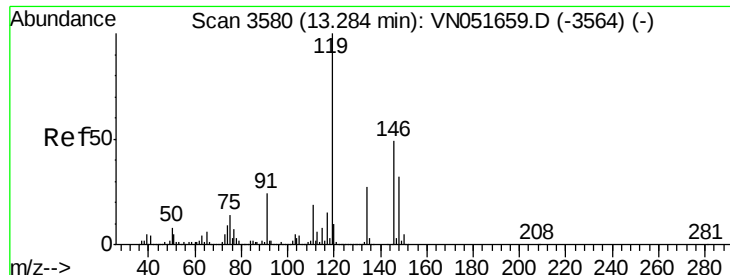
50000

0

Time-->

12.35 12.40 12.45





#87

1,3-Dichlorobenzene

Concen: 0.238 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

Instrument :

MSVOA_N

ClientSampled :

MT-T-5-8

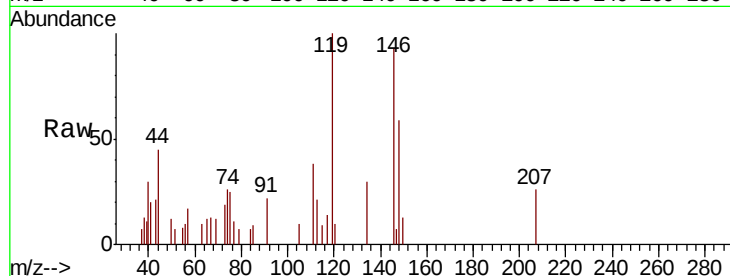
Tot Ion:146 Resp: 3350

Ion Ratio Lower Upper

146 100

111 37.6 19.3 57.9

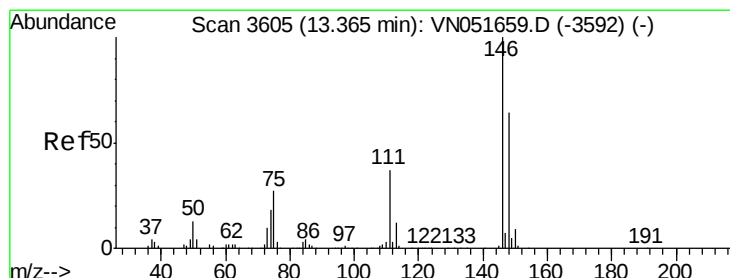
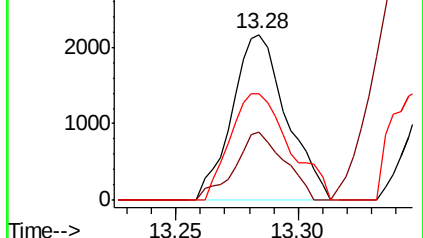
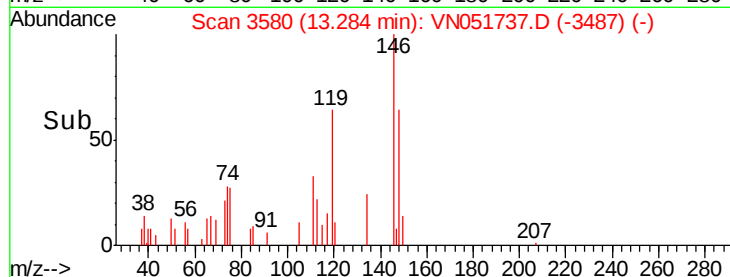
148 70.1 32.5 97.5



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: 0.242 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.08 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

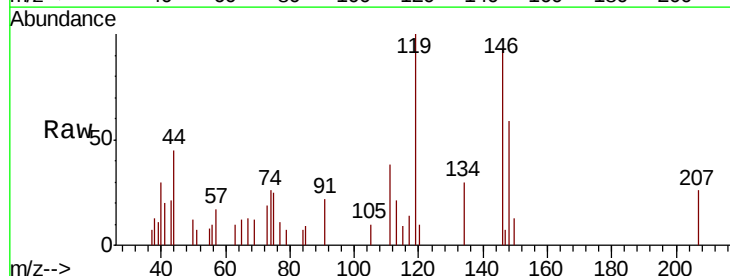
Tgt Ion:146 Resp: 3350

Ion Ratio Lower Upper

146 100

111 37.6 18.6 55.8

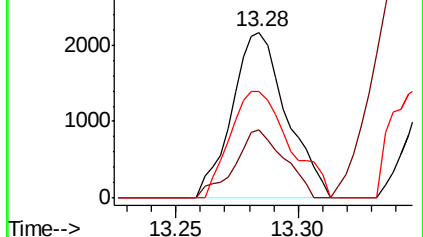
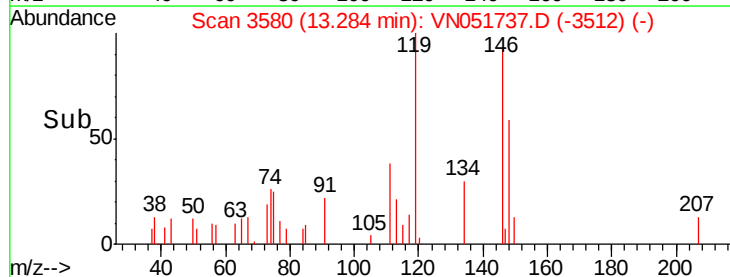
148 70.1 32.3 96.8

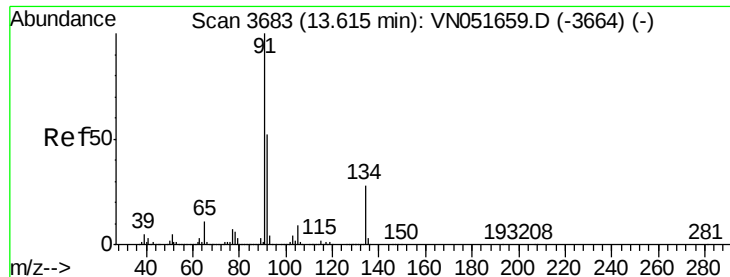


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

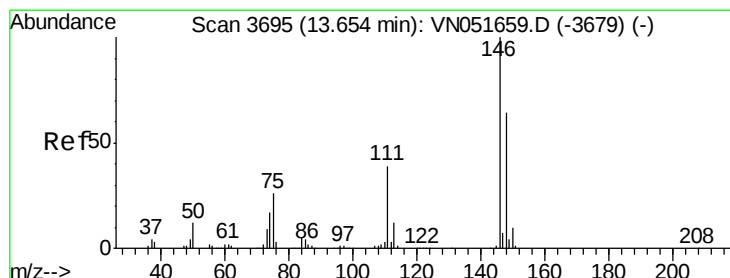
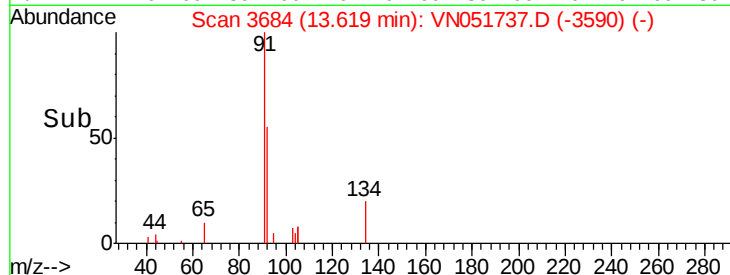
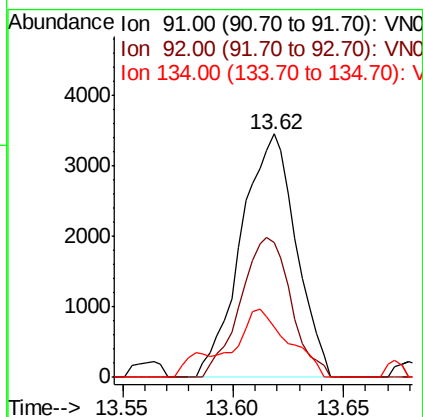
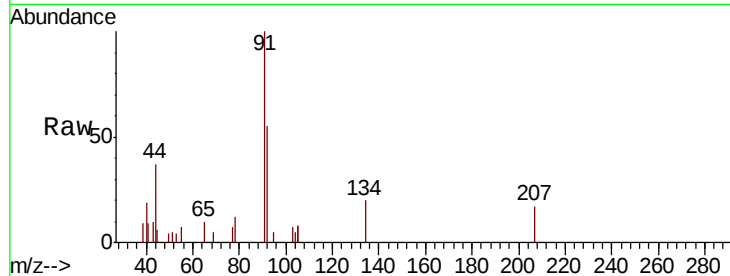




#89
n-Butylbenzene
Concen: 0.258 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN051737.D
Acq: 8 Oct 2018 15:48

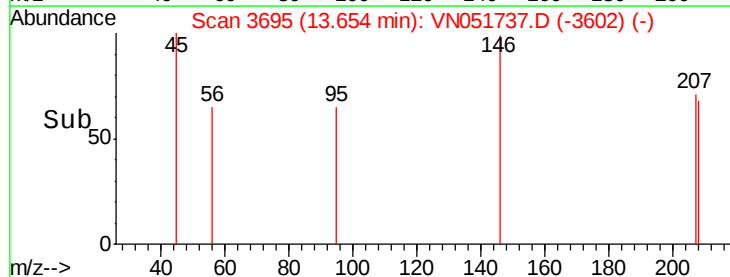
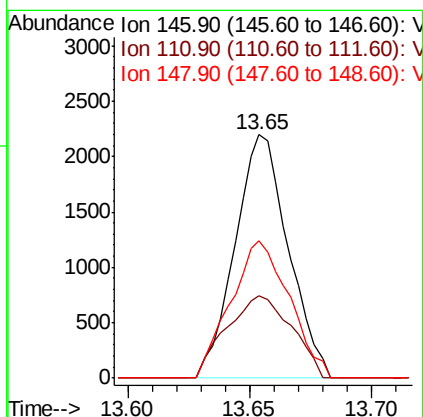
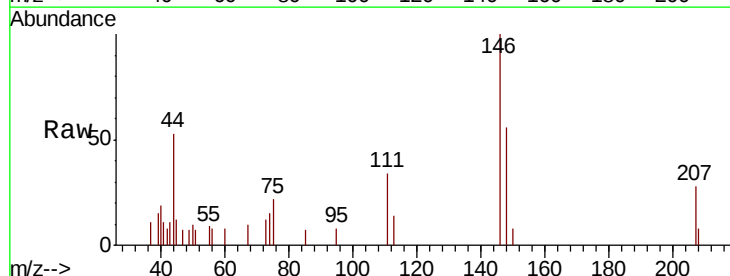
Instrument :
MSVOA_N
ClientSampleId :
MT-T-5-8

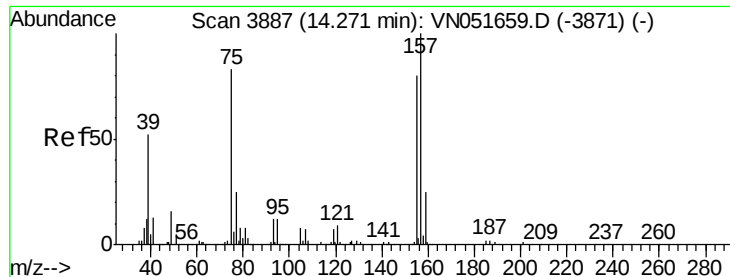
Tot Ion: 91 Resp: 5968
Ion Ratio Lower Upper
91 100
92 53.2 26.0 78.0
134 25.1 14.2 42.6



#91
1,2-Dichlorobenzene
Concen: 0.237 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN051737.D
Acq: 8 Oct 2018 15:48

Tgt Ion: 146 Resp: 3314
Ion Ratio Lower Upper
146 100
111 41.5 19.7 59.0
148 62.2 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.285 ug/l

RT: 14.28 min Scan# 3890

Delta R.T. 0.01 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

Instrument :

MSVOA_N

ClientSampled :

MT-T-5-8

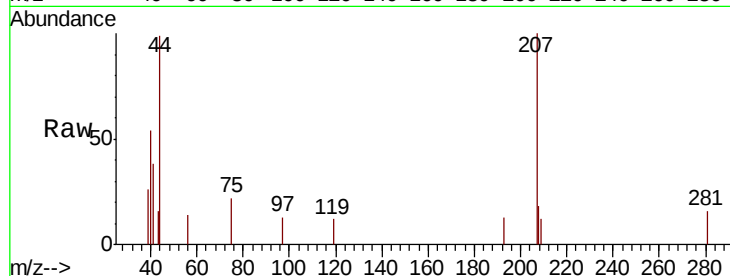
Tot Ion: 75 Resp: 330

Ion Ratio Lower Upper

75 100

155 54.8 47.6 142.9

157 69.7 61.7 185.1

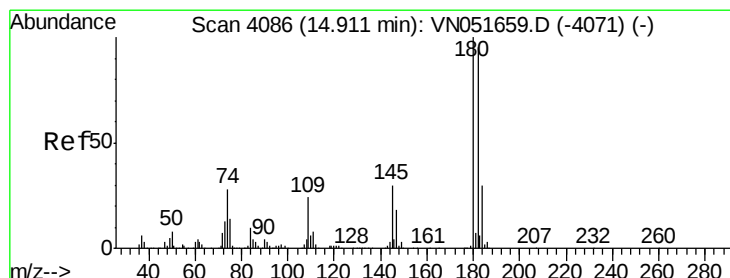
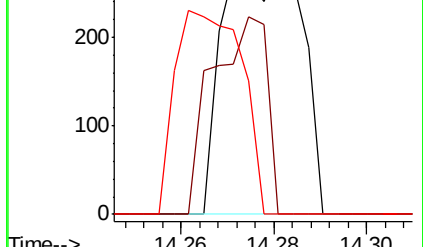
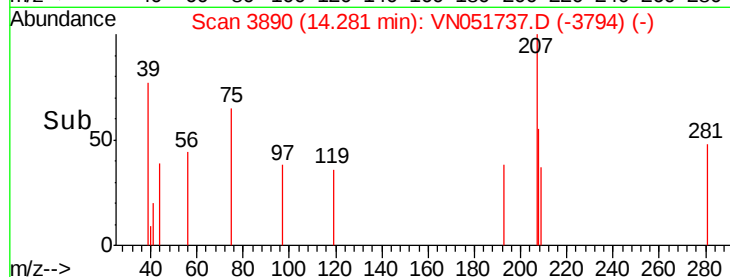


Abundance Ion 74.90 (74.60 to 75.60): VN051659.D (-3871) (-)

Ion 154.80 (154.50 to 155.50): VN051659.D (-3871) (-)

Ion 156.80 (156.50 to 157.50): VN051659.D (-3871) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.004 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

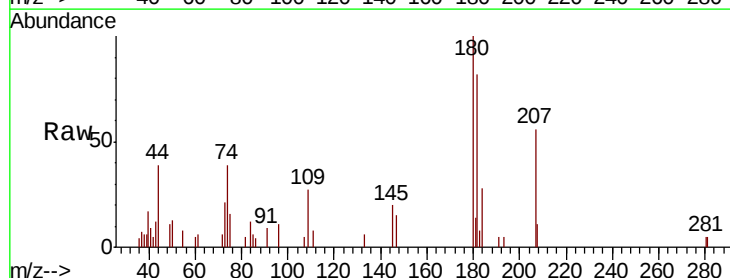
Tgt Ion: 180 Resp: 6242

Ion Ratio Lower Upper

180 100

182 93.6 47.7 143.1

145 23.2 15.3 45.9

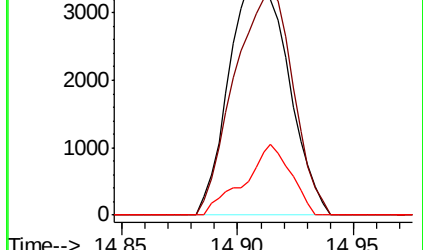
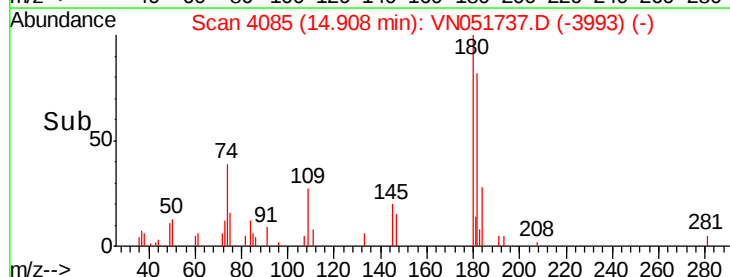


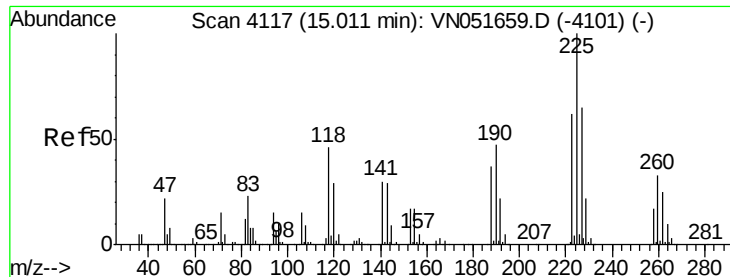
Abundance Ion 179.80 (179.50 to 180.50): VN051659.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN051659.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN051659.D (-4071) (-)

Time-->





#94

Hexachlorobutadiene

Concen: 0.374 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

Instrument :

MSVOA_N

ClientSampled :

MT-T-5-8

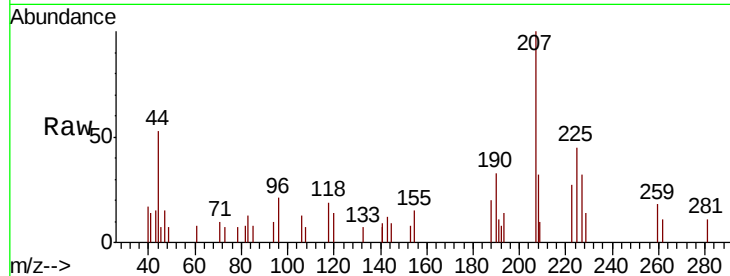
Tot Ion:225 Resp: 1577

Ion Ratio Lower Upper

225 100

223 75.5 31.9 95.5

227 71.0 31.7 95.1



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

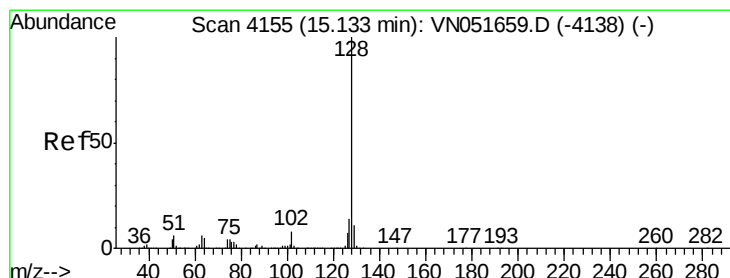
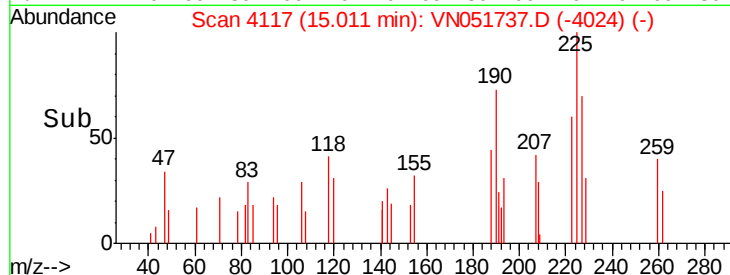
15.01

1000

500

0

Time-->



#95

Naphthalene

Concen: 1.338 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051737.D

Acq: 8 Oct 2018 15:48

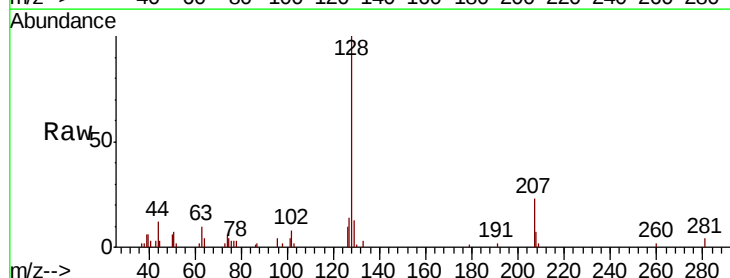
Tgt Ion:128 Resp: 17953

Ion Ratio Lower Upper

128 100

127 14.0 10.6 15.8

129 11.8 9.0 13.6



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

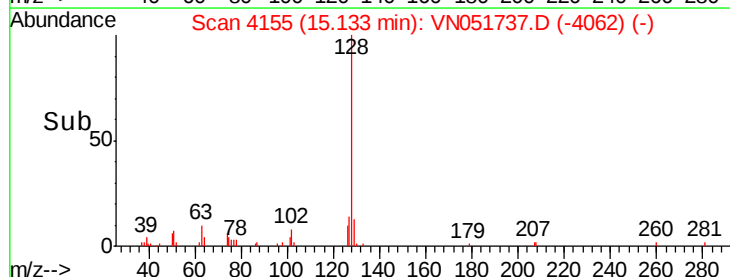
15.13

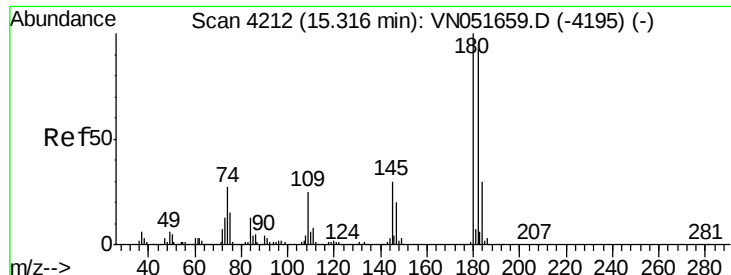
10000

5000

0

Time-->

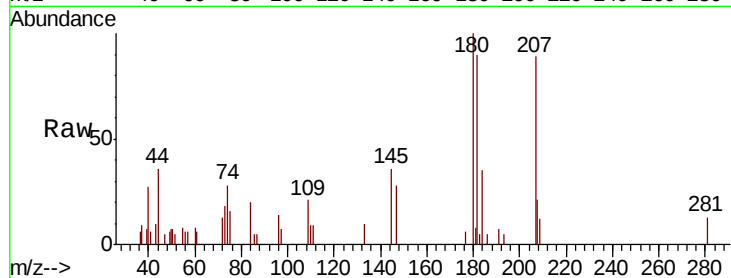




#96
 1,2,3-Trichlorobenzene
 Concen: 1.007 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN051737.D
 Acq: 8 Oct 2018 15:48

Instrument :
 MSVOA_N
 ClientSampleId :
 MT-T-5-8

Tot Ion:180 Resp: 6166
 Ion Ratio Lower Upper
 180 100
 182 88.2 47.3 141.8
 145 29.3 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

