

Data File : VN055657.D
Acq On : 18 May 2019 10:48
Operator : JC/SP
Sample : K2913-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 65 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-17

Quant Time: May 20 02:21:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	388433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	551334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	470201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	201565	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	178538	41.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.86%	
35) Dibromofluoromethane	7.59	113	168486	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
50) Toluene-d8	10.09	98	635321	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.40	95	212581	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	

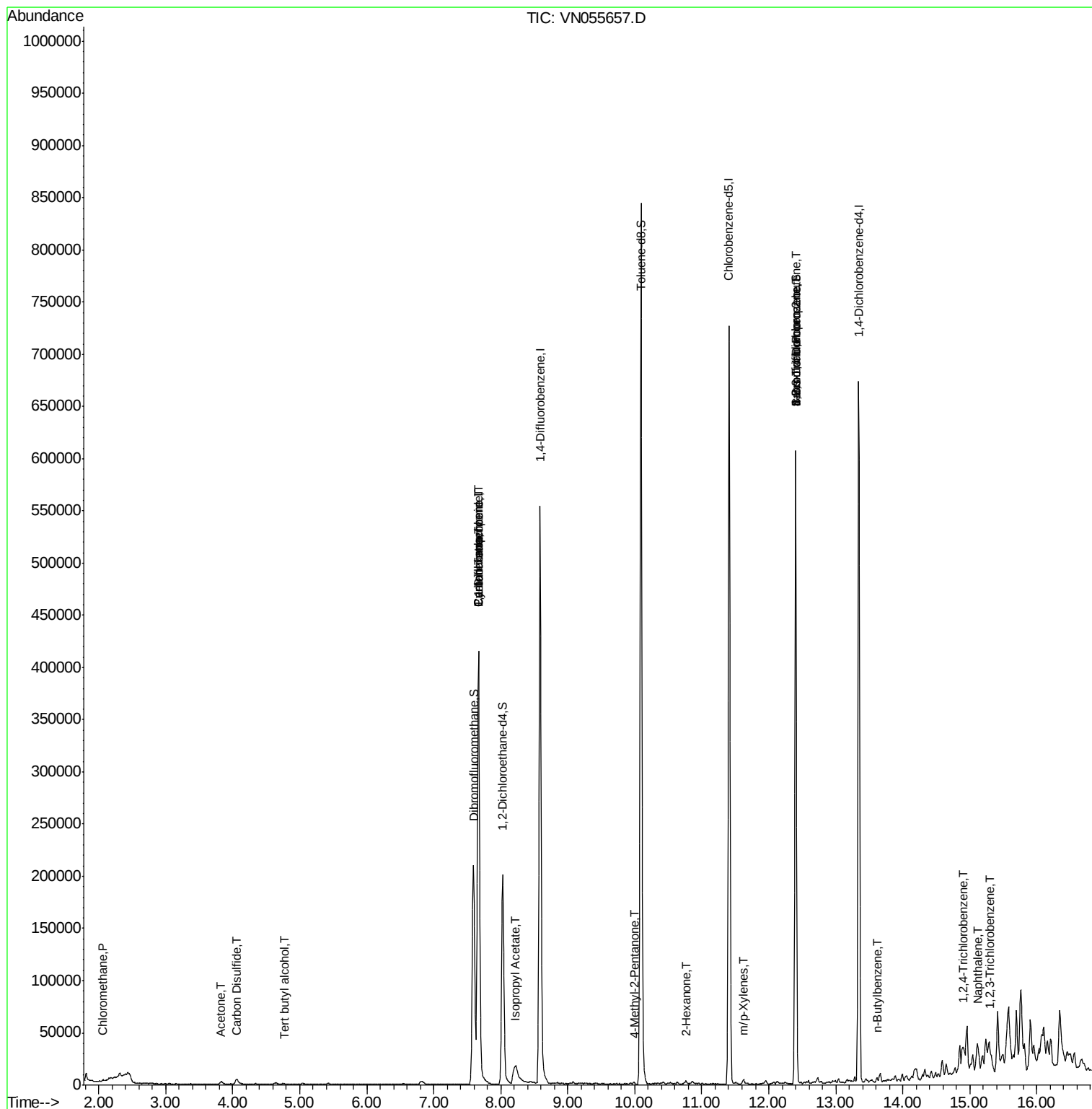
Target Compounds				Qvalue		
3) Chloromethane	2.06	50	899	0.226	ug/l	92
11) Tert butyl alcohol	4.77	59	644	0.811	ug/l #	74
16) Acetone	3.82	43	4252	2.447	ug/l	95
17) Carbon Disulfide	4.06	76	3351	0.340	ug/l #	75
31) Cyclohexane	7.66	56	5995	0.949	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	23075	4.694	ug/l #	49
38) Carbon Tetrachloride	7.67	117	32425	6.173	ug/l #	15
43) Isopropyl Acetate	8.21	43	12283	1.592	ug/l #	53
51) 4-Methyl-2-Pentanone	9.99	43	1335	0.295	ug/l #	76
59) 2-Hexanone	10.76	43	1832	0.575	ug/l	99
68) m/p-Xylenes	11.62	106	1592	0.249	ug/l	87
71) Bromoform	12.40	173	1179	0.364	ug/l #	1
73) Isopropylbenzene	12.25	105	1544	Below Cal		94
75) 1,1,2,2-Tetrachloroethane	12.51	83	100	Below Cal #		26
76) 1,2,3-Trichloropropane	12.40	75	95813	23.295	ug/l #	100
79) 2-Chlorotoluene	12.78	91	1807	Below Cal		73
80) 1,3,5-Trimethylbenzene	12.73	105	1738	Below Cal		96
81) trans-1,4-Dichloro-2-buten	12.40	75	95813	59.883	ug/l #	17
83) tert-Butylbenzene	12.99	119	1083	Below Cal		86
84) 1,2,4-Trimethylbenzene	13.04	105	2988	Below Cal		98
85) sec-Butylbenzene	13.17	105	2415	Below Cal		94
86) p-Isopropyltoluene	13.29	119	2688	Below Cal		95
89) n-Butylbenzene	13.61	91	3137	0.284	ug/l	94
90) Hexachloroethane	13.88	117	98	Below Cal #		3
93) 1,2,4-Trichlorobenzene	14.91	180	2417	0.696	ug/l #	1
94) Hexachlorobutadiene	15.01	225	1215	Below Cal		83
95) Naphthalene	15.13	128	14351	3.085	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.31	180	2931	0.807	ug/l #	82

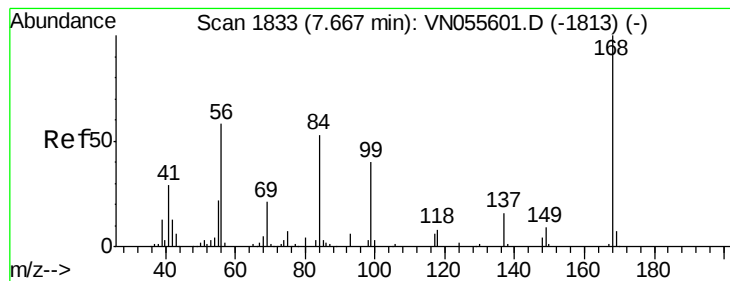
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VN055657.D
Acq On : 18 May 2019 10:48
Operator : JC/SP
Sample : K2913-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 65 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-17

Quant Time: May 20 02:21:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

Instrument :

MSVOA_N

ClientSampled :

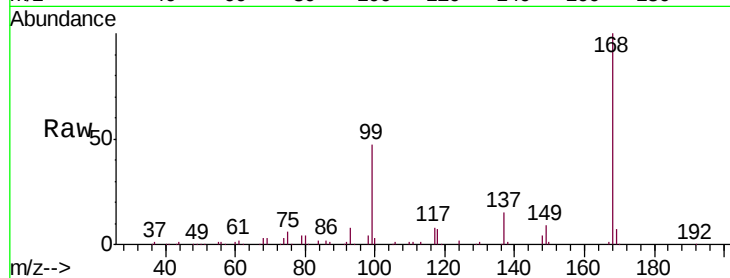
TP-17

Tgt Ion:168 Resp: 388433

Ion Ratio Lower Upper

168 100

99 47.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

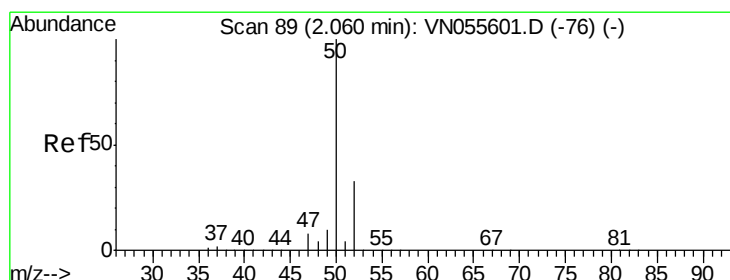
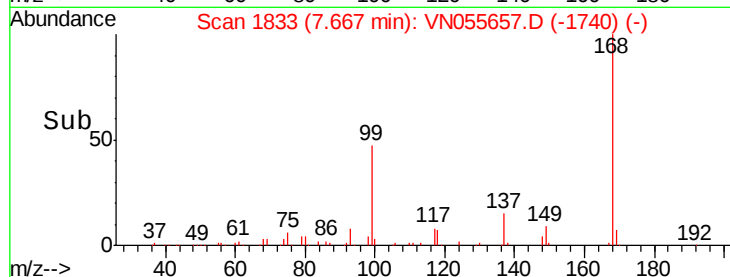
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.226 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN055657.D

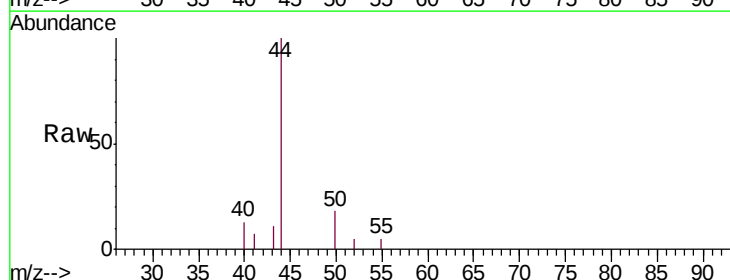
Acq: 18 May 2019 10:48

Tgt Ion: 50 Resp: 899

Ion Ratio Lower Upper

50 100

52 29.0 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

600

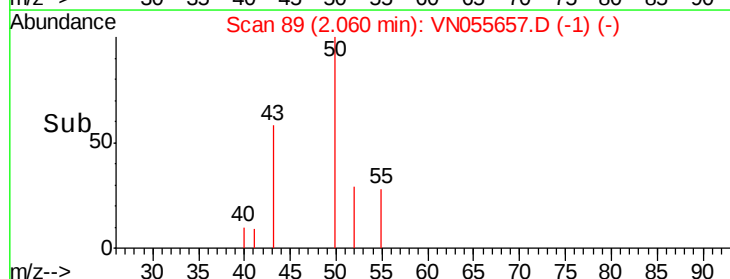
400

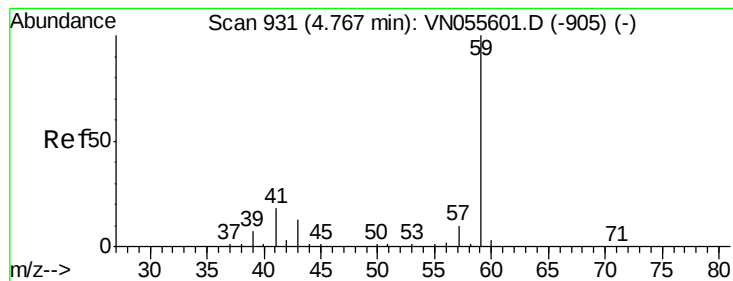
200

0

2.02 2.04 2.06 2.08 2.10

Time-->



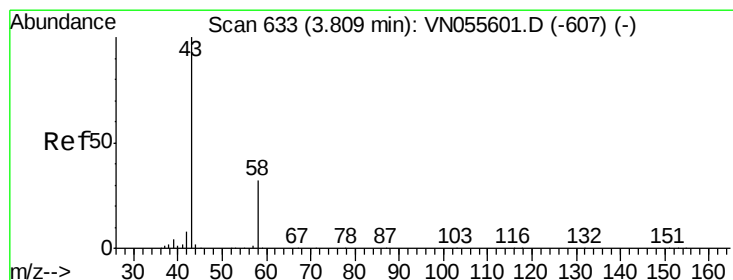
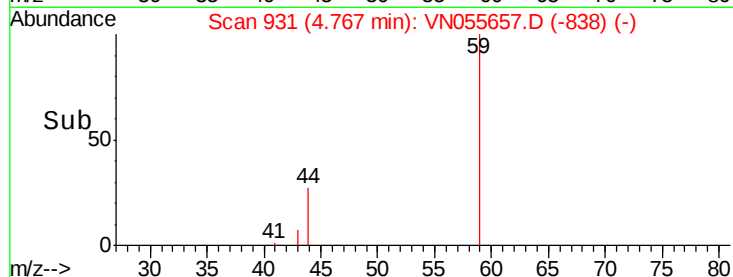
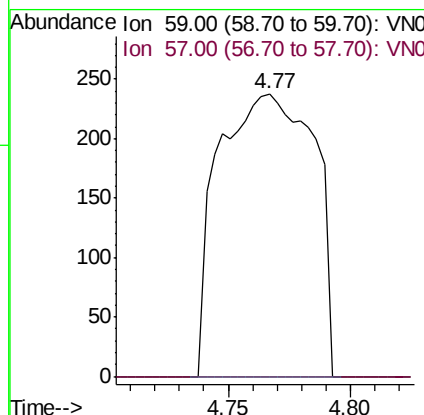
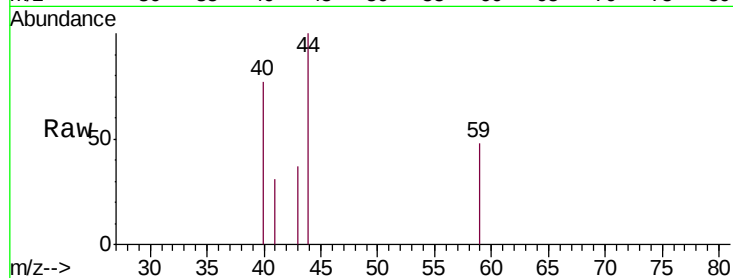


#11

Tert butyl alcohol
 Concen: 0.811 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: VN055657.D
 Acq: 18 May 2019 10:48

Instrument :
 MSVOA_N
 ClientSampled :
 TP-17

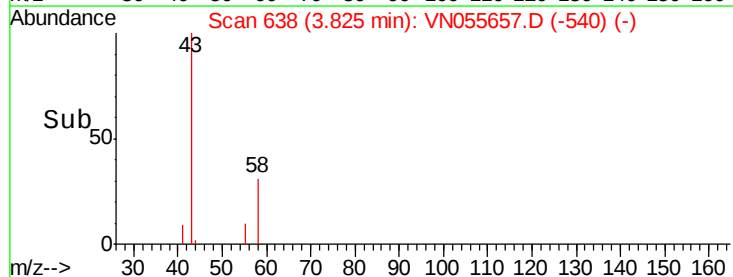
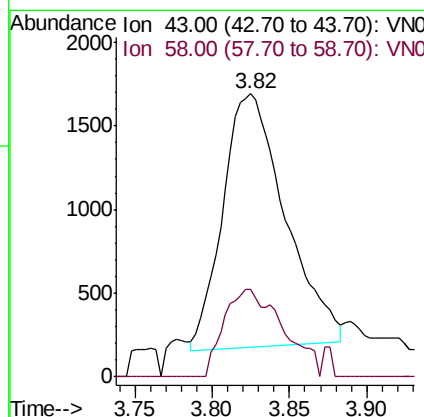
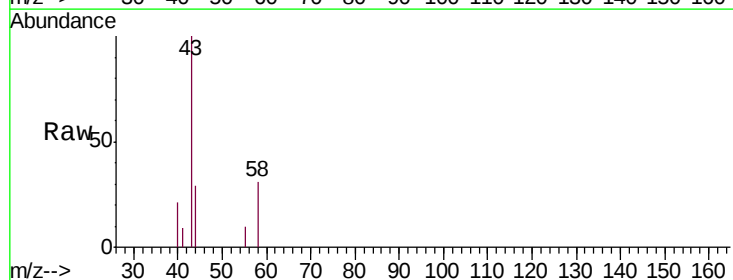
Tgt Ion: 59 Resp: 644
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

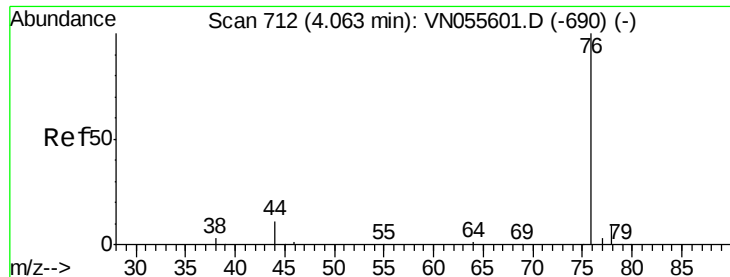


#16

Acetone
 Concen: 2.447 ug/l
 RT: 3.82 min Scan# 638
 Delta R.T. 0.02 min
 Lab File: VN055657.D
 Acq: 18 May 2019 10:48

Tgt Ion: 43 Resp: 4252
 Ion Ratio Lower Upper
 43 100
 58 35.4 26.0 39.0





#17

Carbon Disulfide

Concen: 0.340 ug/l

RT: 4.06 min Scan# 712

Delta R.T. -0.00 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

Instrument :

MSVOA_N

ClientSampled :

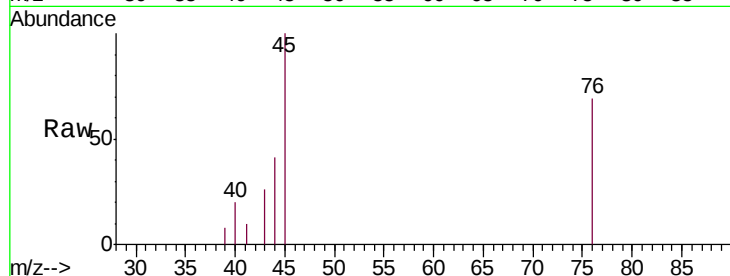
TP-17

Tgt Ion: 76 Resp: 3351

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.06

1500

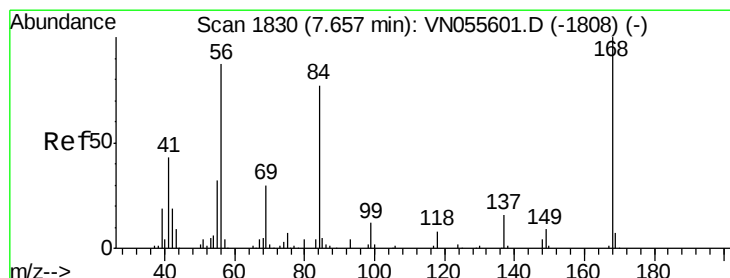
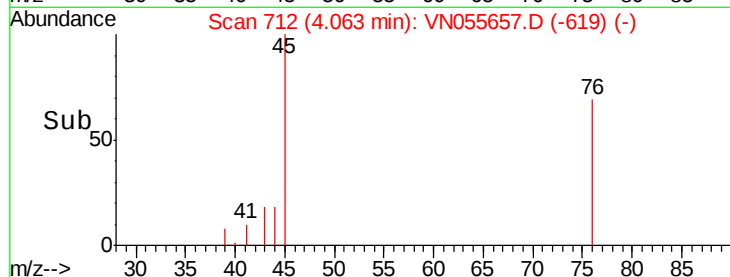
1000

500

0

4.00 4.05 4.10

Time-->



#31

Cyclohexane

Concen: 0.949 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

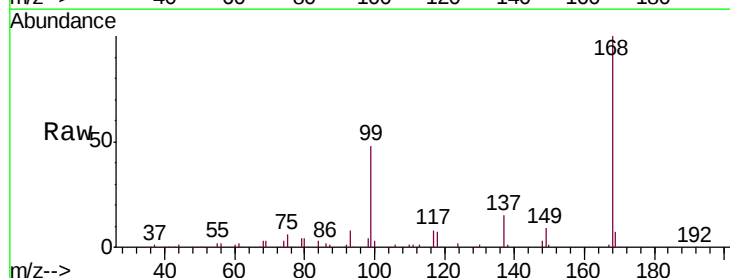
Tgt Ion: 56 Resp: 5995

Ion Ratio Lower Upper

56 100

69 177.7 27.2 40.8#

84 162.3 71.3 106.9#



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

6000

5000

4000

3000

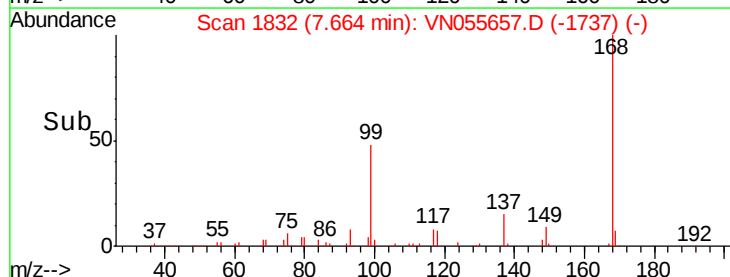
2000

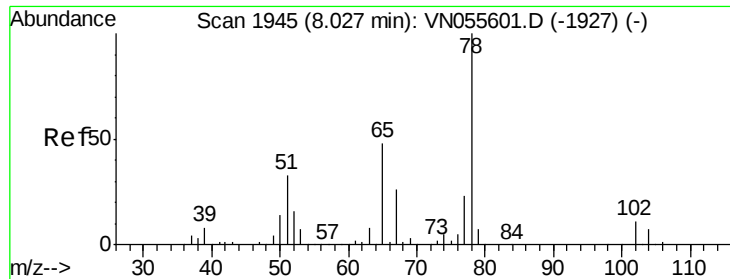
1000

0

7.60 7.65 7.70 7.75

Time-->





#33

1,2-Dichloroethane-d4

Concen: 41.930 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

Instrument :

MSVOA_N

ClientSampled :

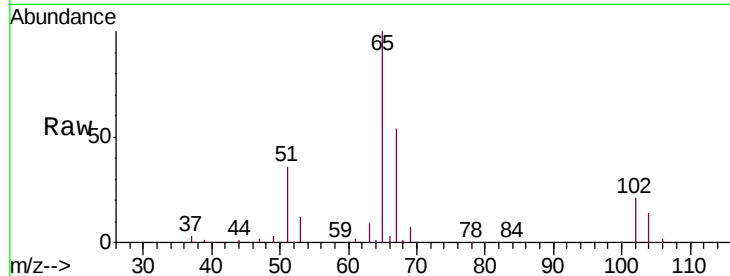
TP-17

Tgt Ion: 65 Resp: 178538

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055657.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055657.D (-1852) (-)

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

8.03

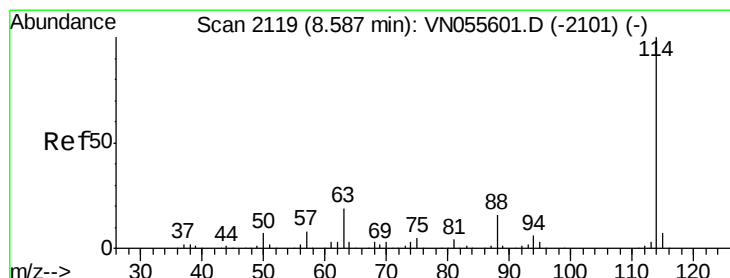
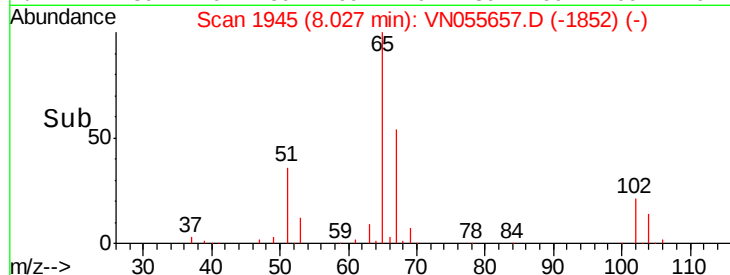
8.03

8.03

8.03

8.03

8.03



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

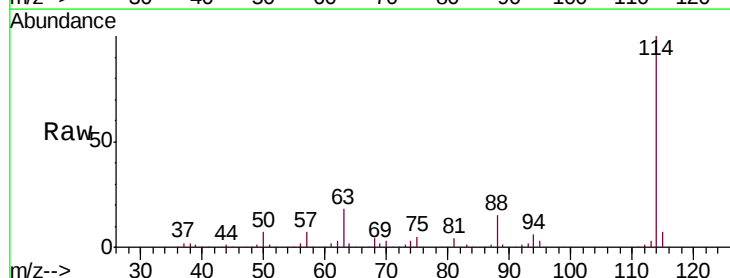
Tgt Ion: 114 Resp: 551334

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.2

88 14.6 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN055657.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN055657.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN055657.D (-2026) (-)

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

8.59

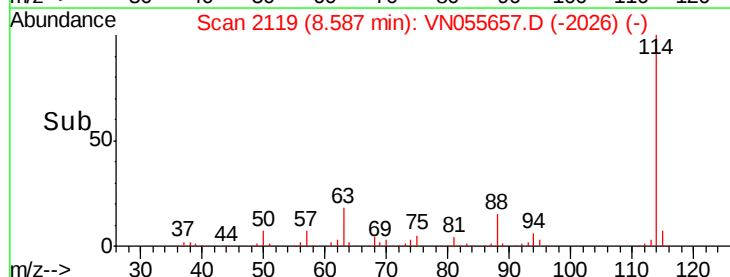
8.59

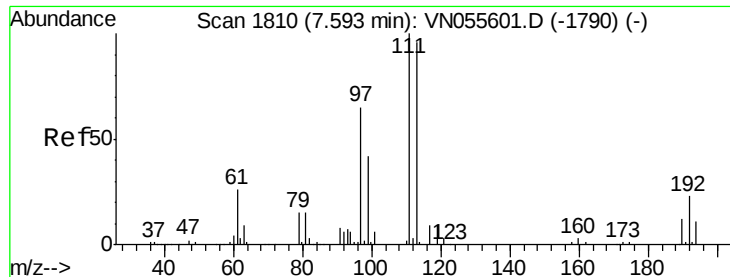
8.59

8.59

8.59

8.59





#35

Dibromofluoromethane

Concen: 48.107 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

TP-17

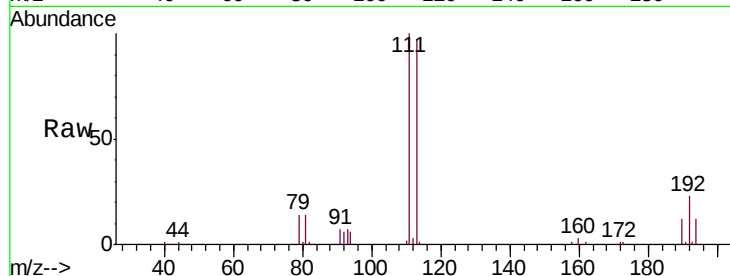
Tgt Ion:113 Resp: 168486

Ion Ratio Lower Upper

113 100

111 102.4 82.5 123.7

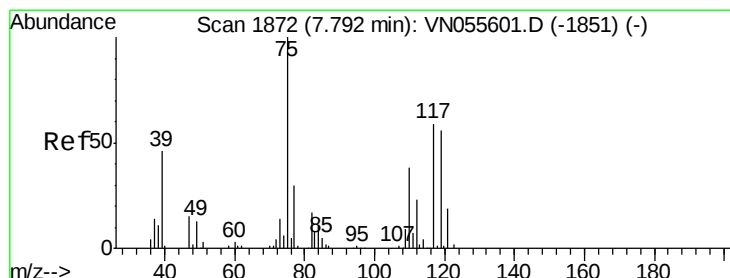
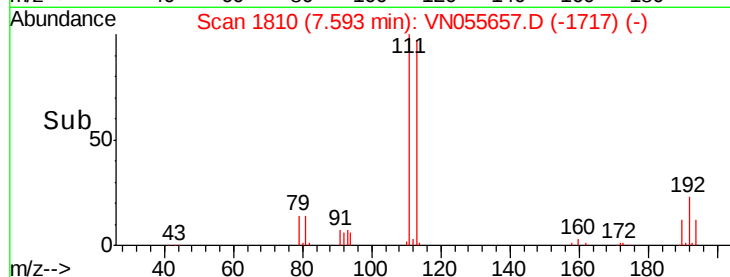
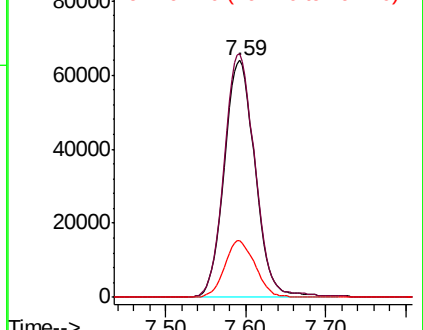
192 23.5 18.7 28.1



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: 4.694 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

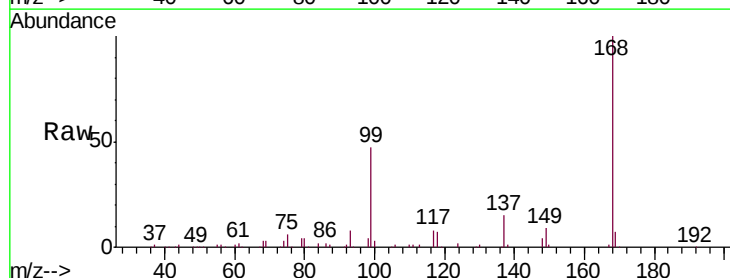
Tgt Ion: 75 Resp: 23075

Ion Ratio Lower Upper

75 100

110 9.2 18.6 55.6#

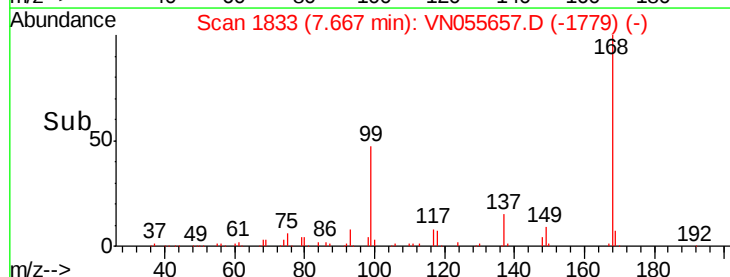
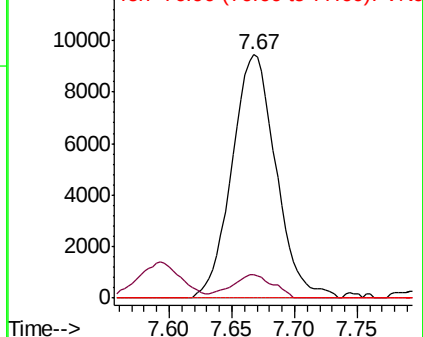
77 0.0 24.9 37.3#

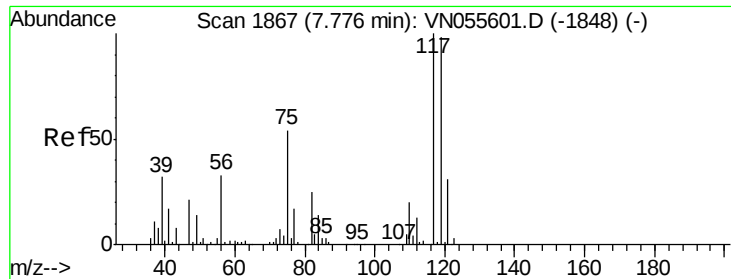


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.173 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.11 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

Instrument :

MSVOA_N

ClientSampled :

TP-17

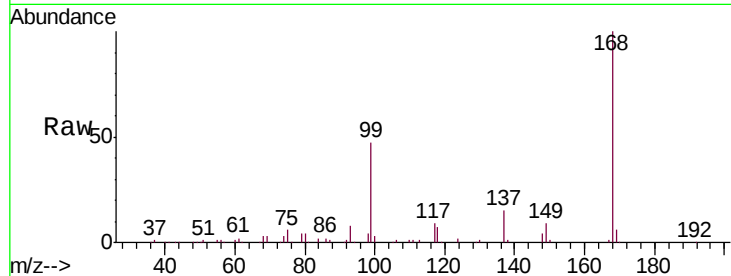
Tgt Ion:117 Resp: 32425

Ion Ratio Lower Upper

117 100

119 4.2 77.8 116.8#

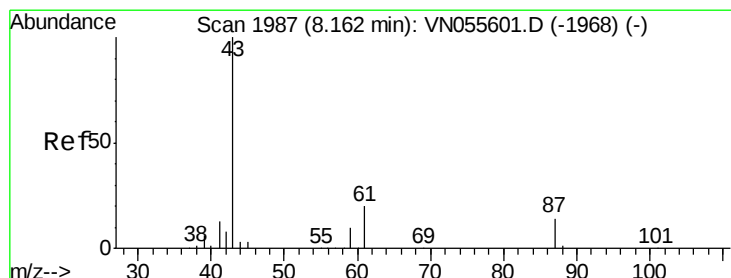
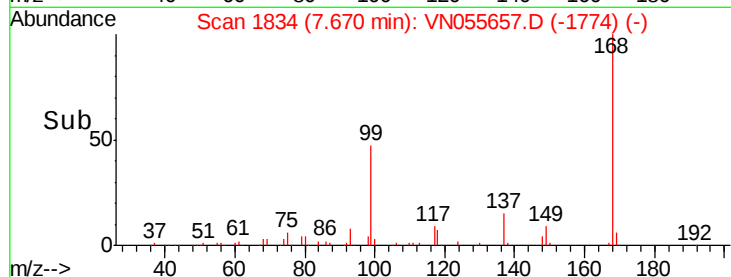
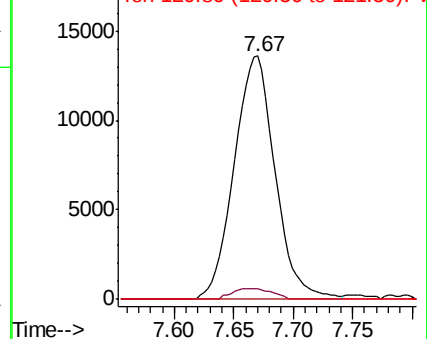
121 0.0 24.6 37.0#



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: 1.592 ug/l

RT: 8.21 min Scan# 2001

Delta R.T. 0.05 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

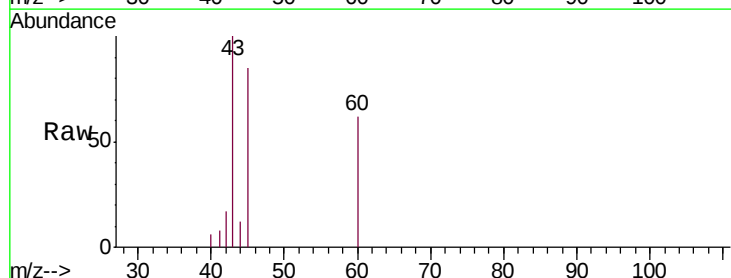
Tgt Ion: 43 Resp: 12283

Ion Ratio Lower Upper

43 100

61 0.0 22.1 33.1#

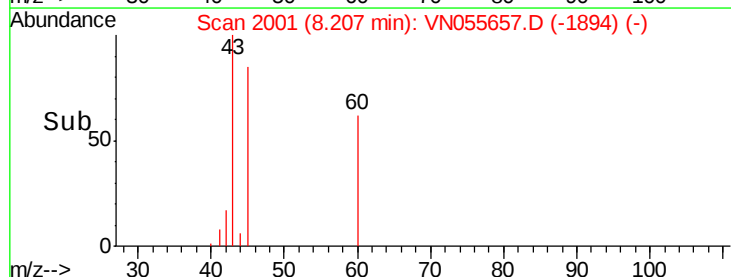
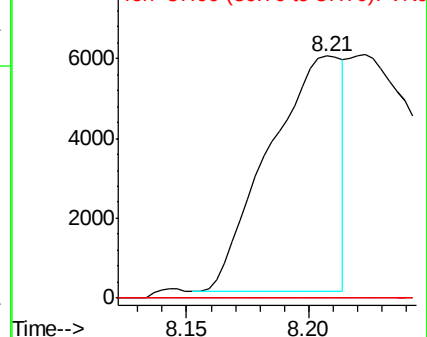
87 0.0 11.8 17.6#

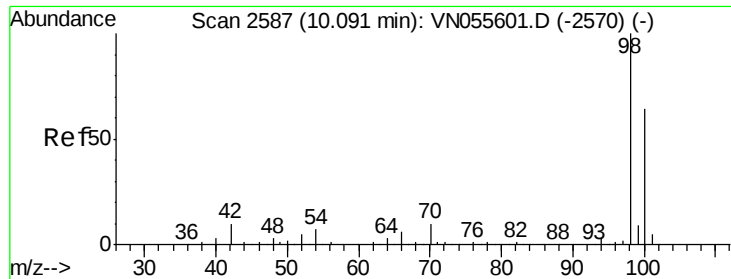


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 47.975 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

Instrument :

MSVOA_N

ClientSampled :

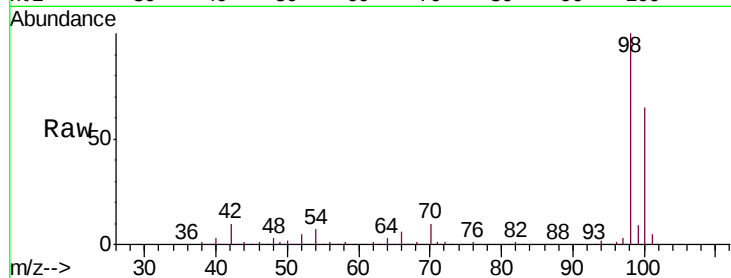
TP-17

Tgt Ion: 98 Resp: 635321

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055601.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055601.D (-2570) (-)

10.09

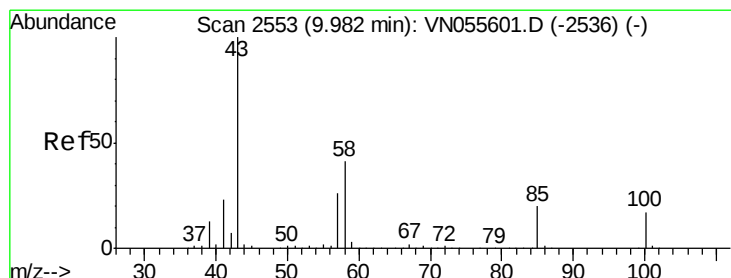
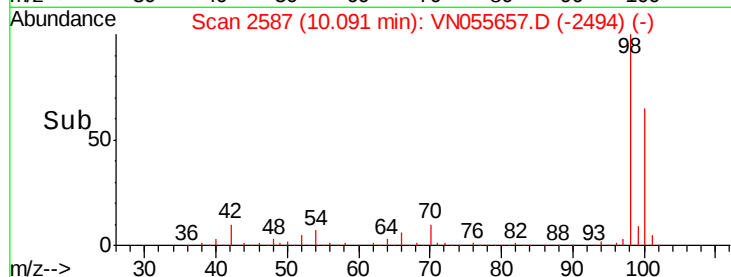
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.295 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN055657.D

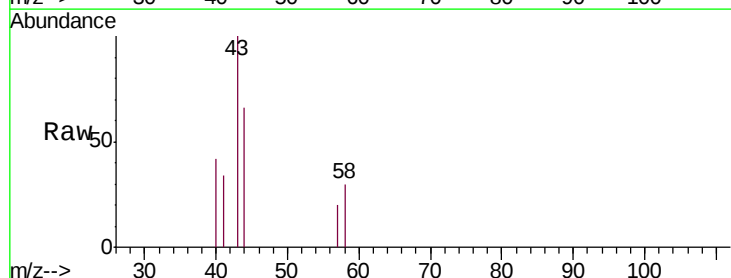
Acq: 18 May 2019 10:48

Tgt Ion: 43 Resp: 1335

Ion Ratio Lower Upper

43 100

58 26.1 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-2536) (-)

9.99

800

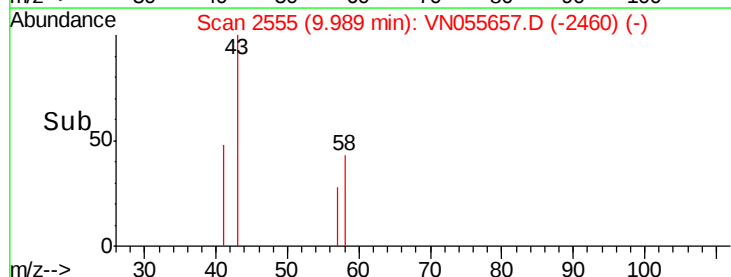
600

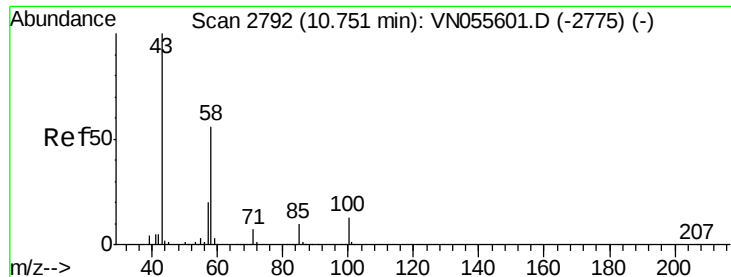
400

200

0

Time-->

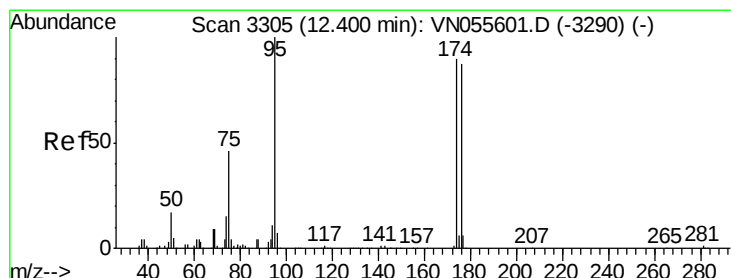
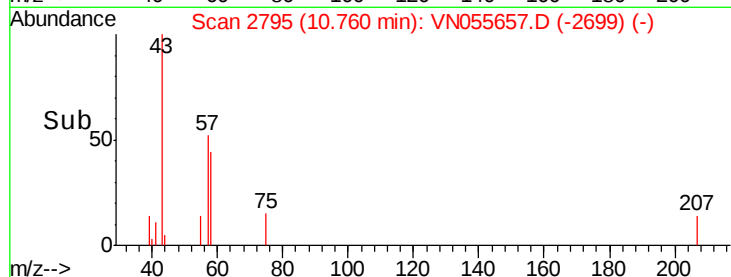
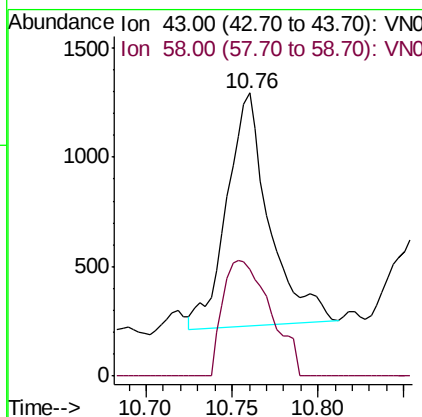
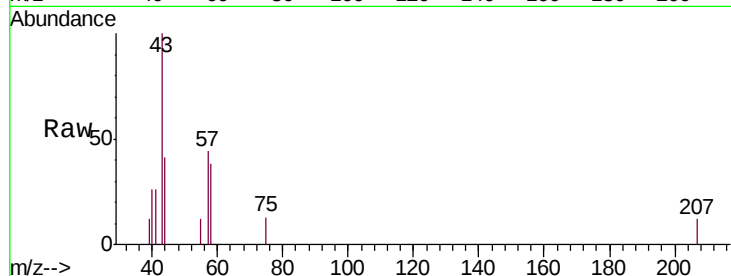




#59
2-Hexanone
Concen: 0.575 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN055657.D
Acq: 18 May 2019 10:48

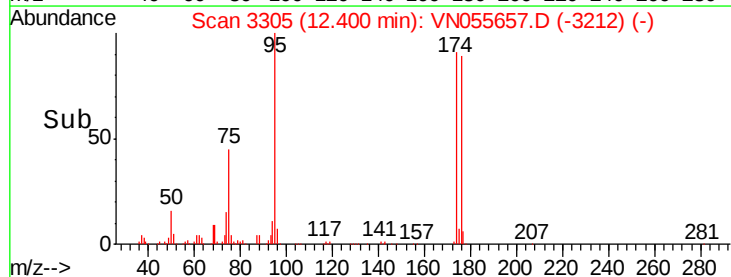
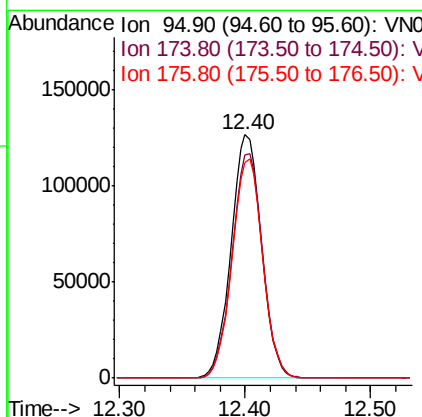
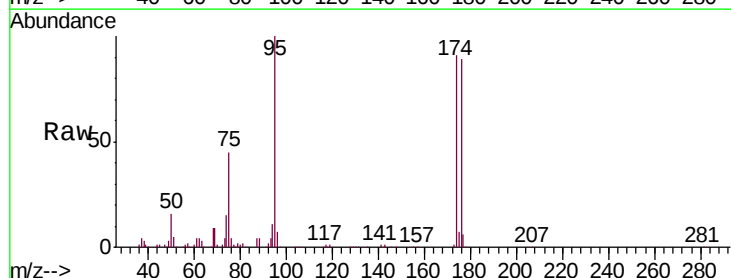
Instrument :
MSVOA_N
ClientSampled :
TP-17

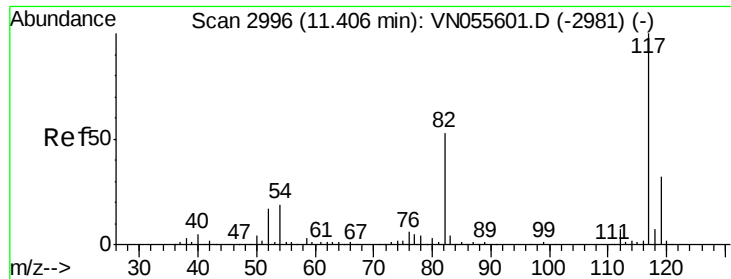
Tgt Ion: 43 Resp: 1832
Ion Ratio Lower Upper
43 100
58 55.4 28.1 84.4



#62
4-Bromofluorobenzene
Concen: 46.487 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055657.D
Acq: 18 May 2019 10:48

Tgt Ion: 95 Resp: 212581
Ion Ratio Lower Upper
95 100
174 92.9 0.0 180.6
176 90.5 0.0 177.4

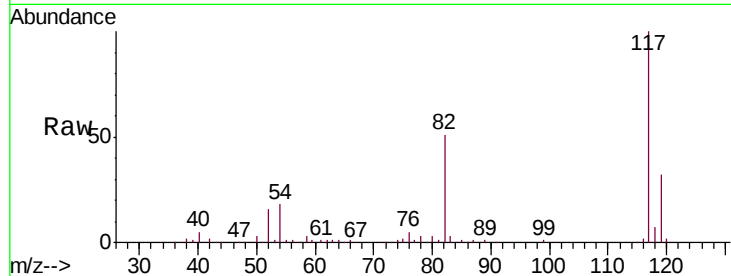




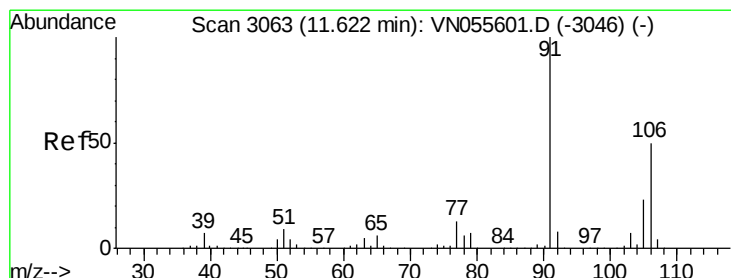
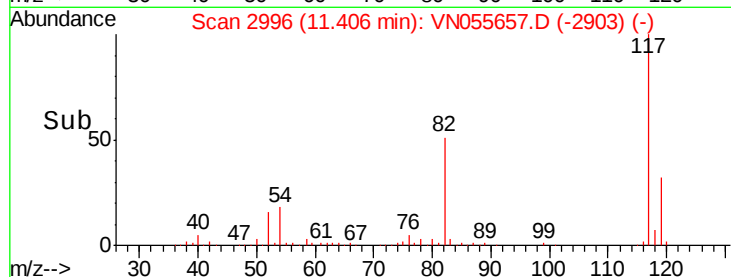
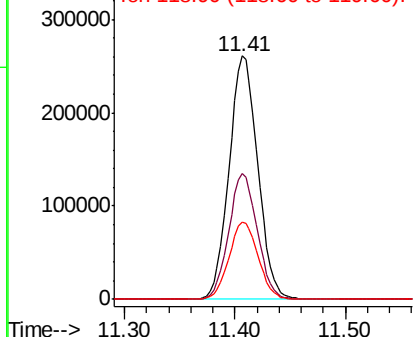
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055657.D
Acq: 18 May 2019 10:48

Instrument :
MSVOA_N
ClientSampled :
TP-17

Tgt Ion:117 Resp: 470201
Ion Ratio Lower Upper
117 100
82 51.5 42.3 63.5
119 31.9 25.4 38.2

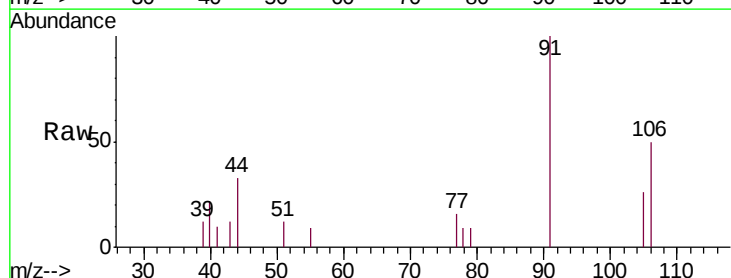


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

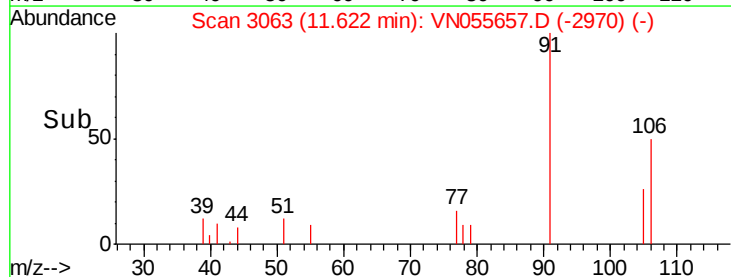
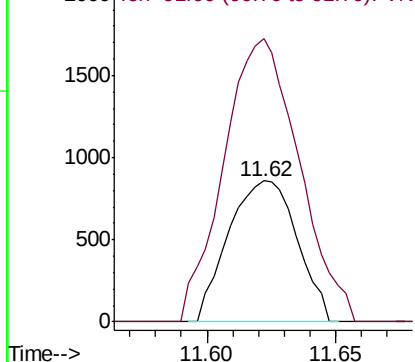


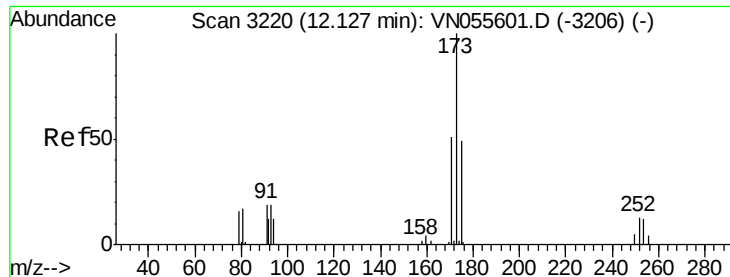
#68
m/p-Xylenes
Concen: 0.249 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN055657.D
Acq: 18 May 2019 10:48

Tgt Ion:106 Resp: 1592
Ion Ratio Lower Upper
106 100
91 220.4 160.5 240.7



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





#71

Bromoform

Concen: 0.364 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

TP-17

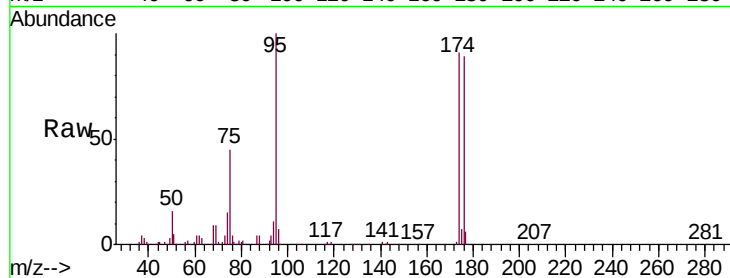
Tgt Ion:173 Resp: 1179

Ion Ratio Lower Upper

173 100

175 1090.9 24.3 72.9#

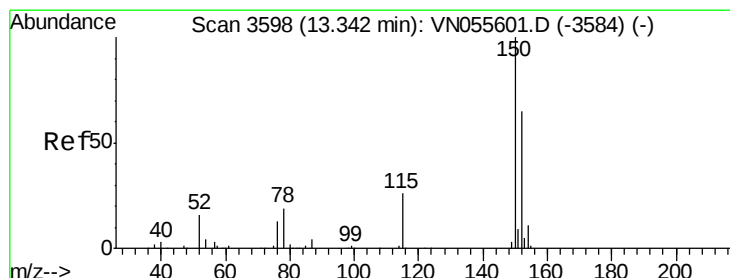
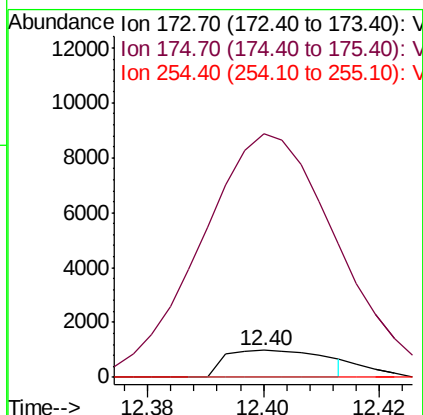
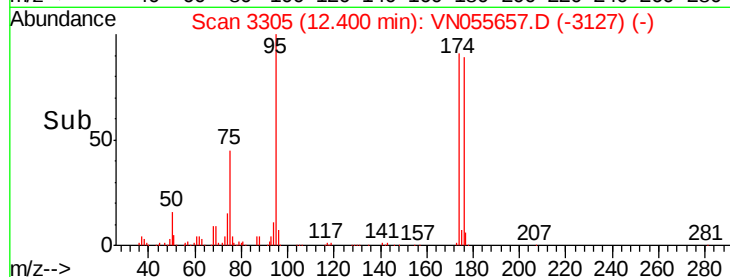
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

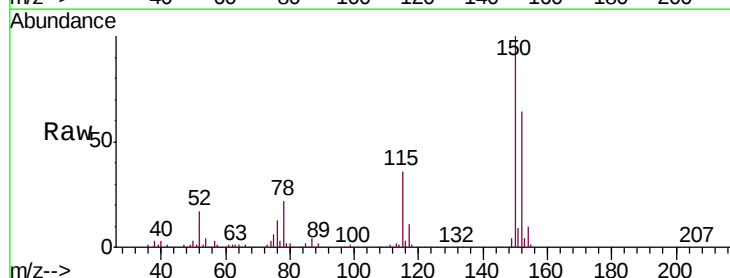
Tgt Ion:152 Resp: 201565

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.2

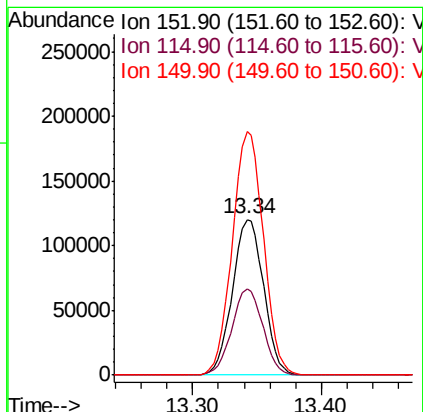
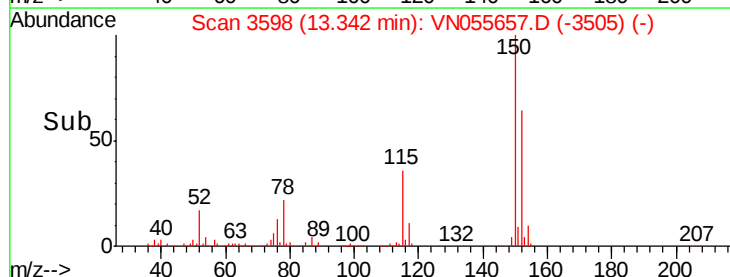
150 156.3 0.0 348.0

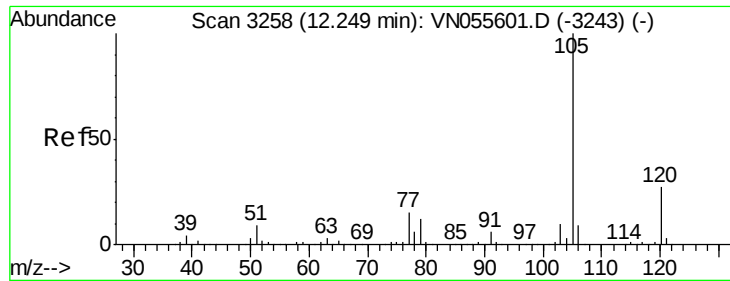


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

Instrument :

MSVOA_N

ClientSampled :

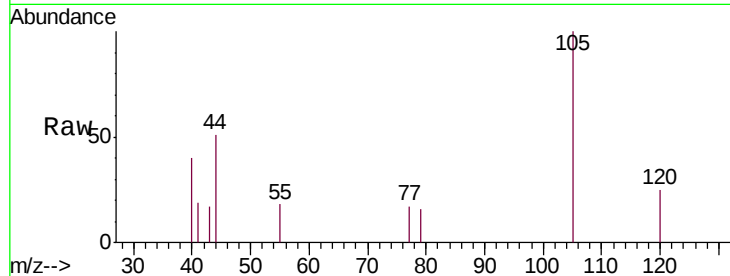
TP-17

Tgt Ion: 105 Resp: 1544

Ion Ratio Lower Upper

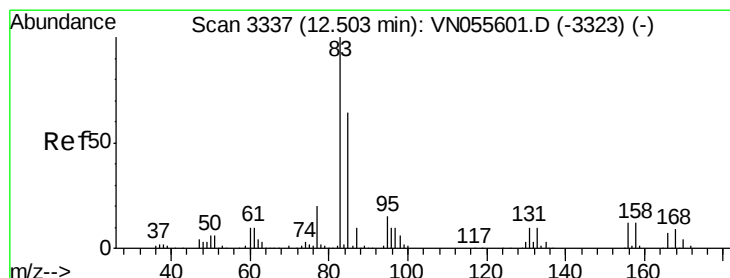
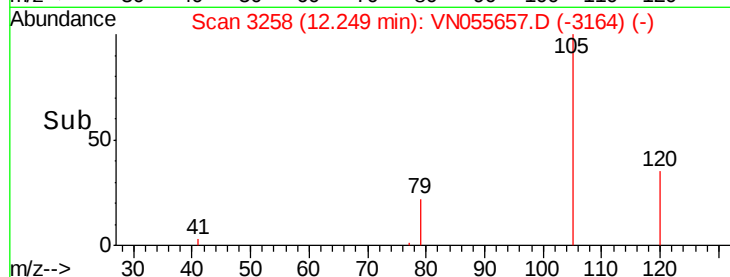
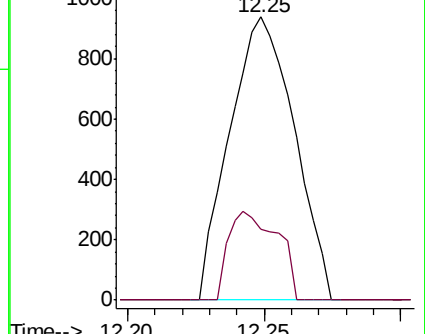
105 100

120 23.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

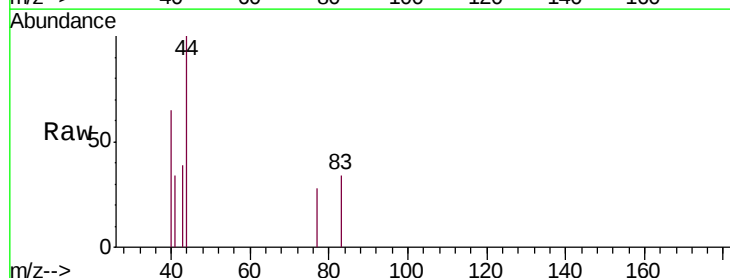
Tgt Ion: 83 Resp: 100

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

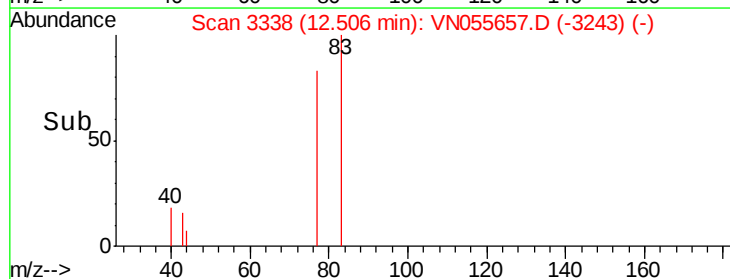
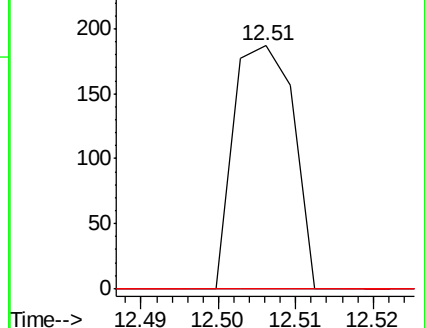
85 0.0 32.0 96.2#

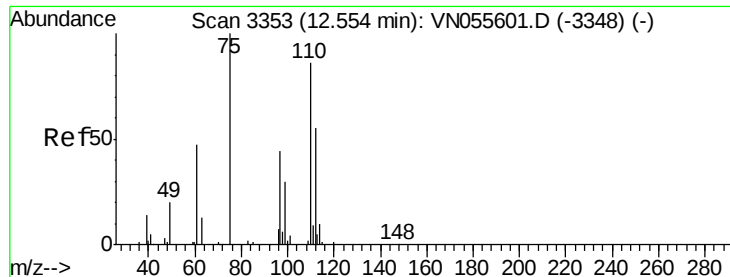


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 23.295 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

Instrument :

MSVOA_N

ClientSampled :

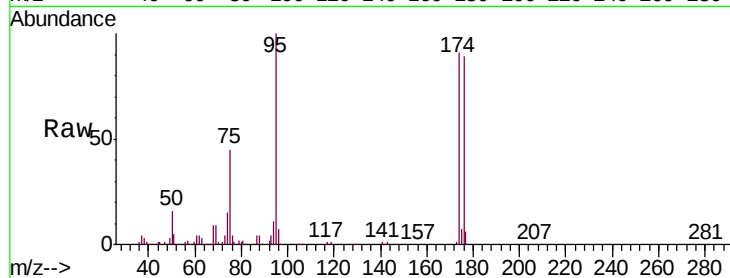
TP-17

Tgt Ion: 75 Resp: 95813

Ion Ratio Lower Upper

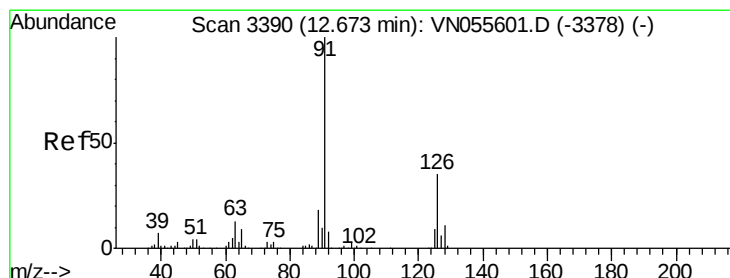
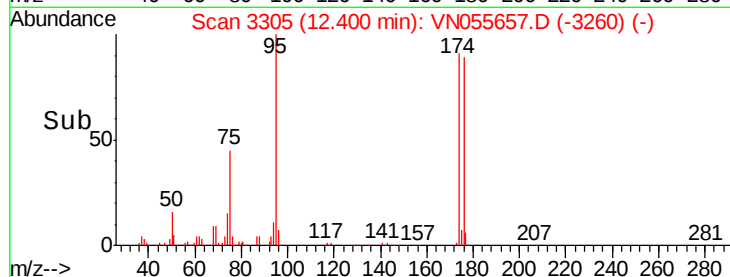
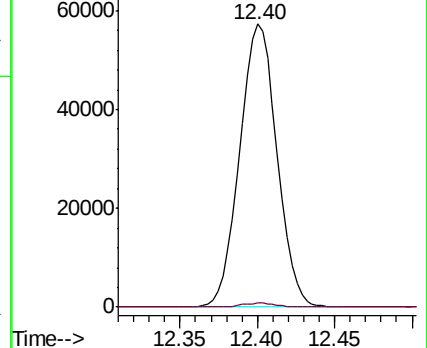
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3422

Delta R.T. 0.10 min

Lab File: VN055657.D

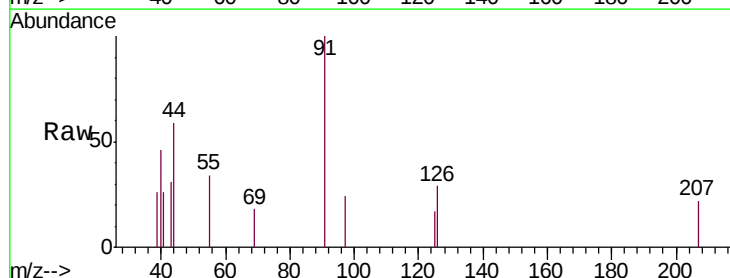
Acq: 18 May 2019 10:48

Tgt Ion: 91 Resp: 1807

Ion Ratio Lower Upper

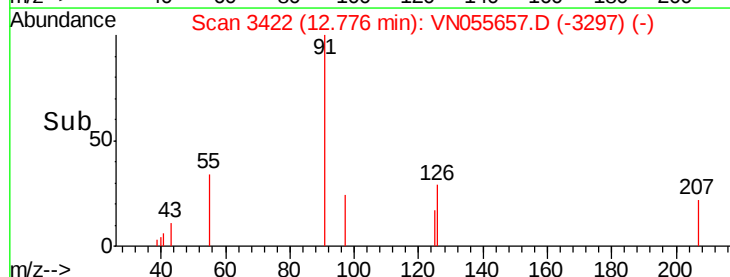
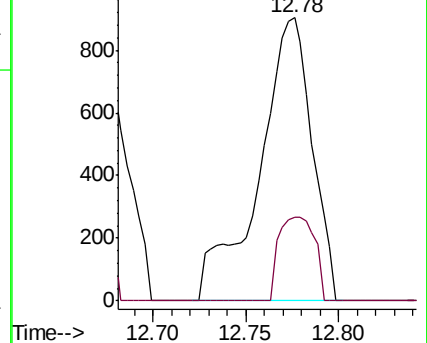
91 100

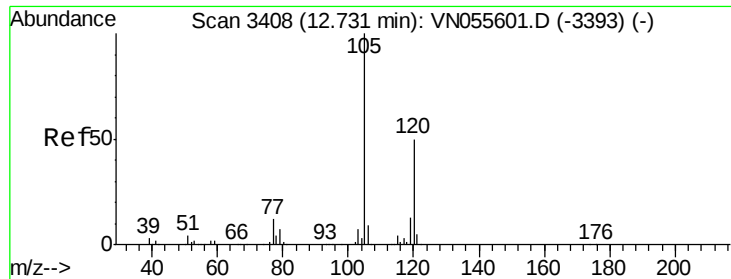
126 20.1 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

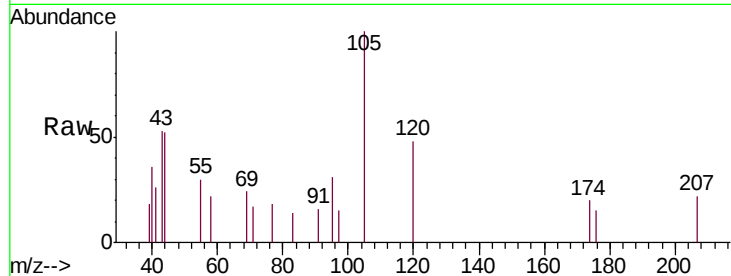
TP-17

Tgt Ion: 105 Resp: 1738

Ion Ratio Lower Upper

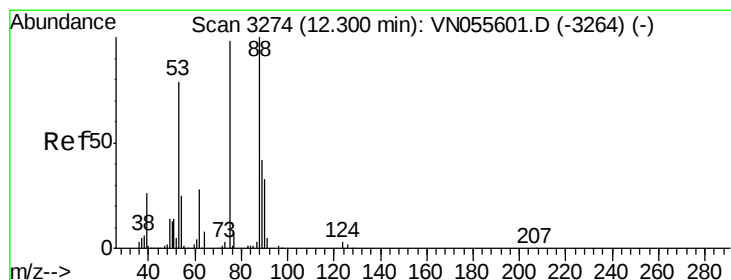
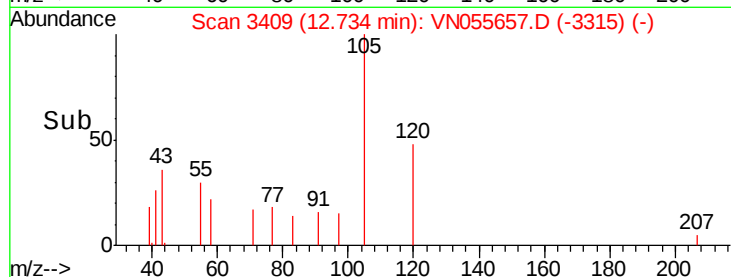
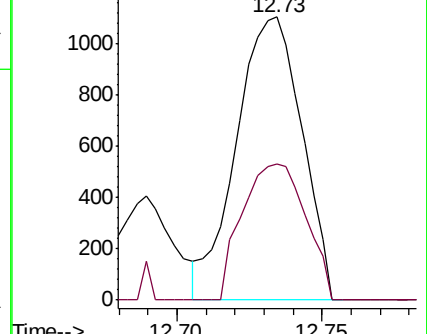
105 100

120 46.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 59.883 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

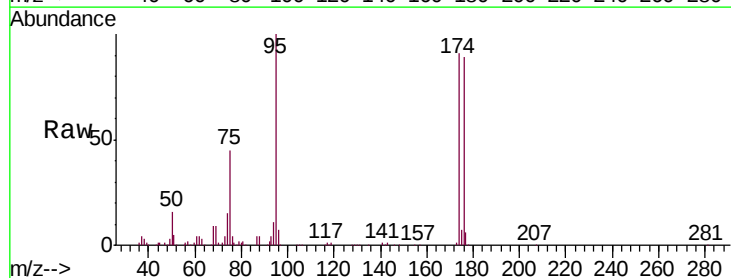
Tgt Ion: 75 Resp: 95813

Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

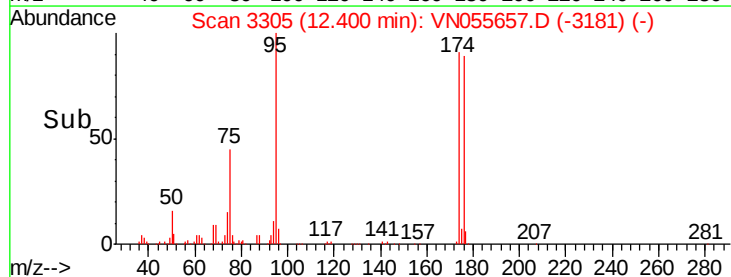
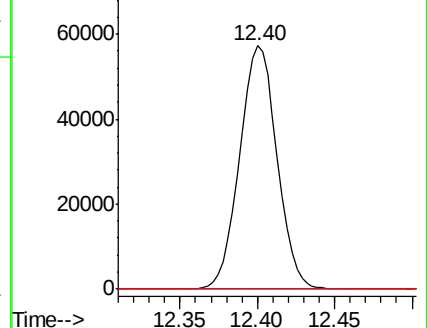
89 0.0 36.4 54.6#

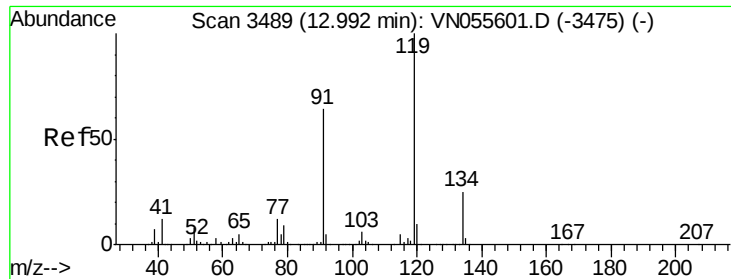


Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 53.00 (52.70 to 53.70): VNC

Ion 88.90 (88.60 to 89.60): VNC

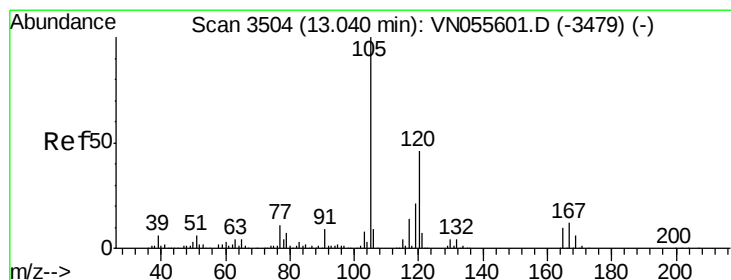
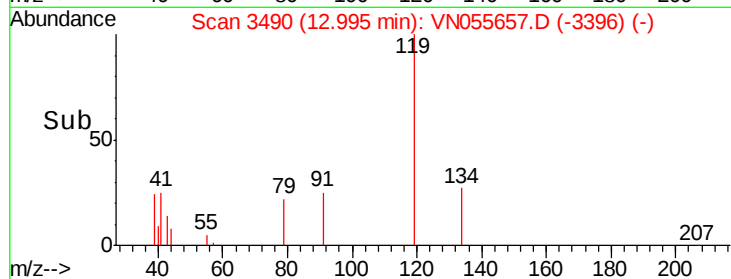
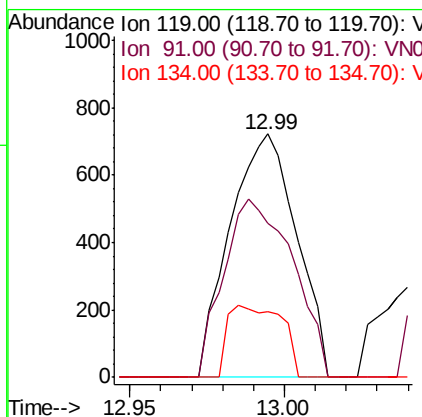
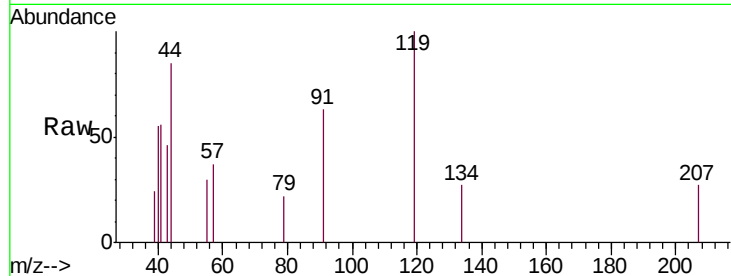




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN055657.D
 Acq: 18 May 2019 10:48

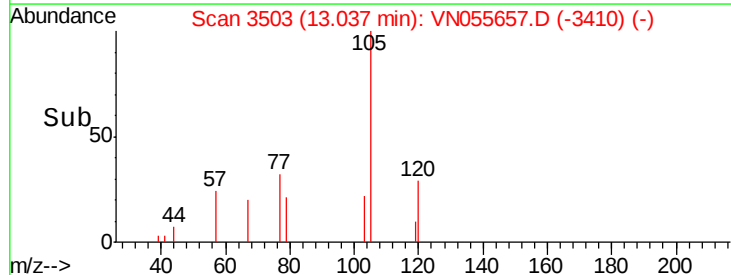
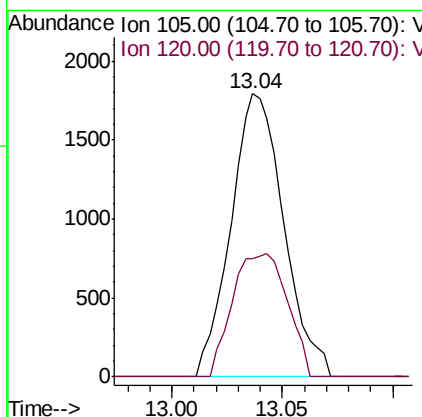
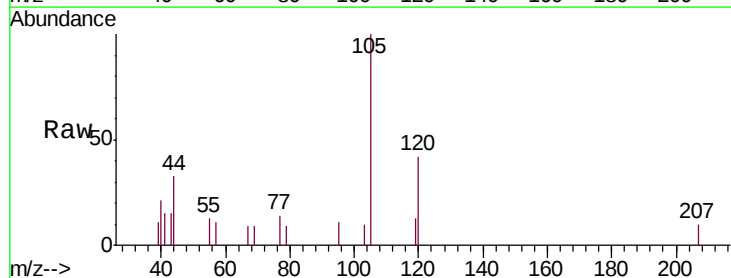
Instrument :
 MSVOA_N
 ClientSampled :
 TP-17

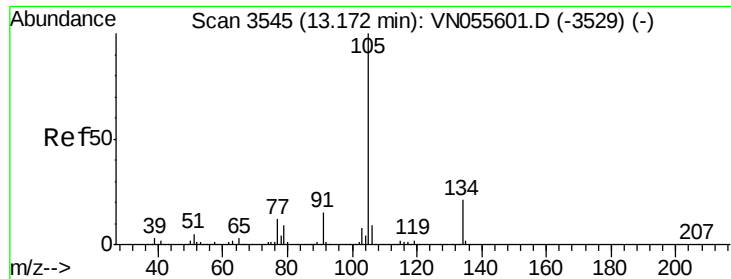
Tgt Ion:119 Resp: 1083
 Ion Ratio Lower Upper
 119 100
 91 75.9 31.3 93.8
 134 23.8 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055657.D
 Acq: 18 May 2019 10:48

Tgt Ion:105 Resp: 2988
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.1 69.2





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

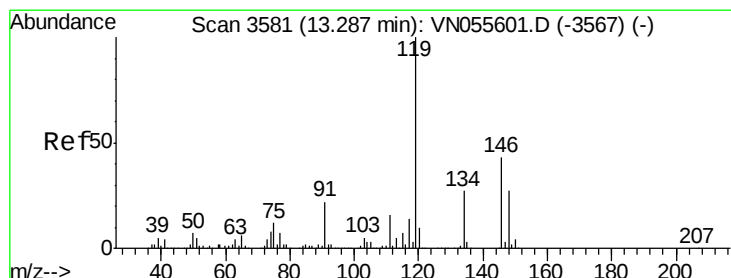
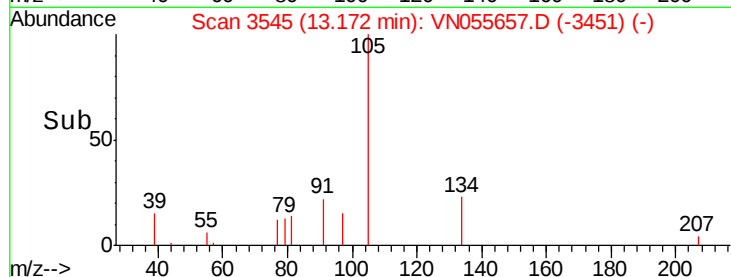
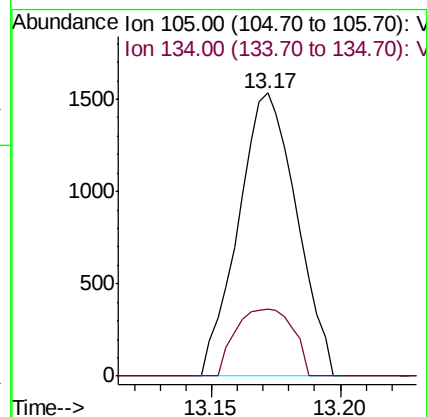
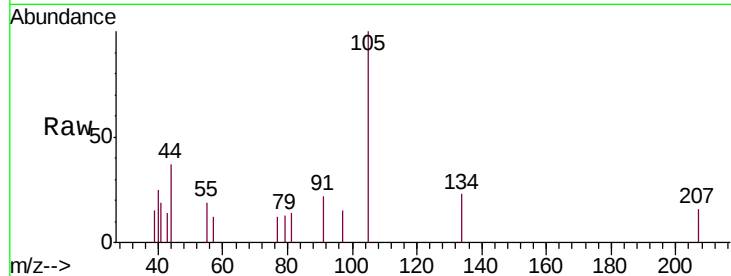
TP-17

Tgt Ion:105 Resp: 2415

Ion Ratio Lower Upper

105 100

134 23.2 10.3 30.9



#86

p-Isopropyltoluene

Concen: Below Cal

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

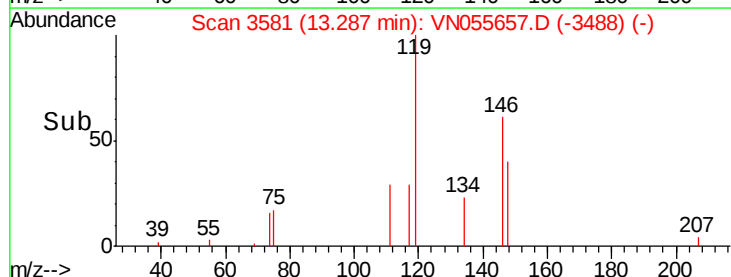
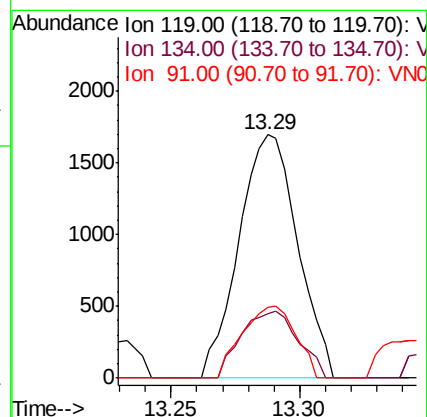
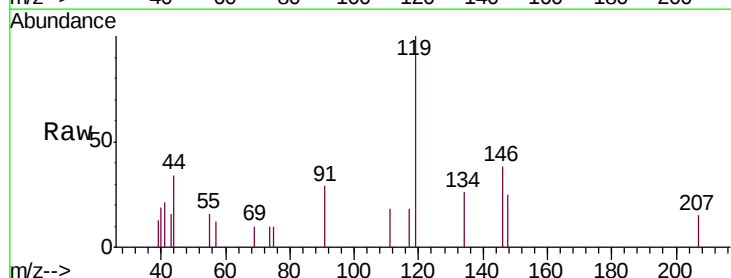
Tgt Ion:119 Resp: 2688

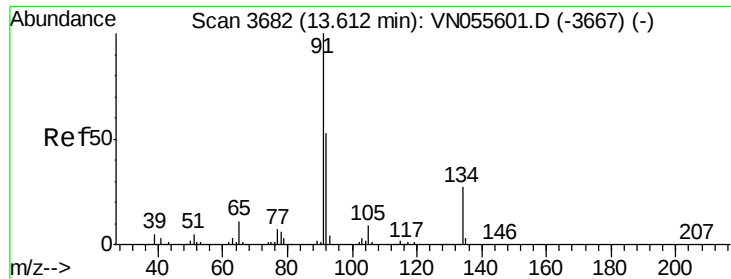
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

91 26.9 11.0 33.0





#89

n-Butylbenzene

Concen: 0.284 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

Instrument :

MSVOA_N

ClientSampled :

TP-17

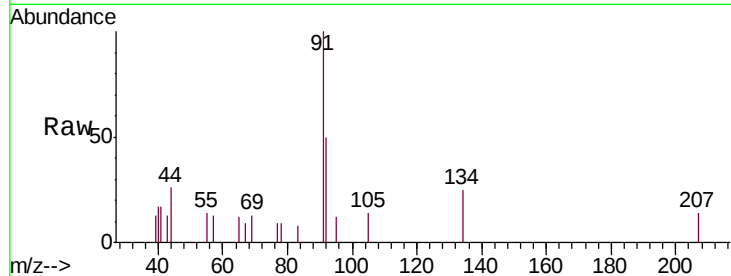
Tgt Ion: 91 Resp: 3137

Ion Ratio Lower Upper

91 100

92 48.7 26.4 79.0

134 31.1 13.7 41.1

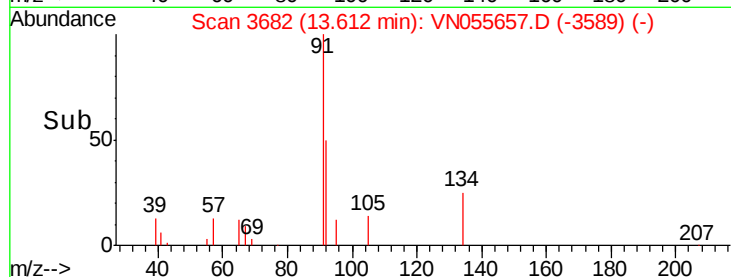


Abundance Ion 91.00 (90.70 to 91.70): VN055601.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055601.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055601.D (-3667) (-)

Time--> 13.55 13.60 13.65

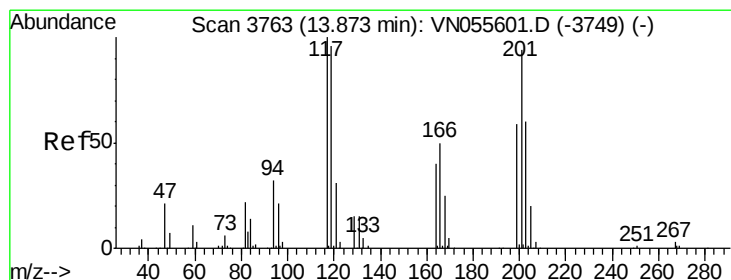


Abundance Ion 91.00 (90.70 to 91.70): VN055657.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN055657.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN055657.D (-3589) (-)

Time--> 13.55 13.60 13.65



#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN055657.D

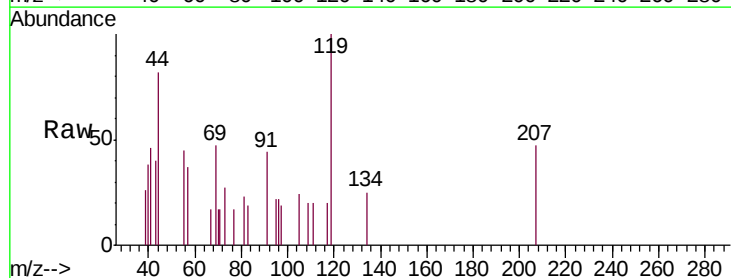
Acq: 18 May 2019 10:48

Tgt Ion: 117 Resp: 98

Ion Ratio Lower Upper

117 100

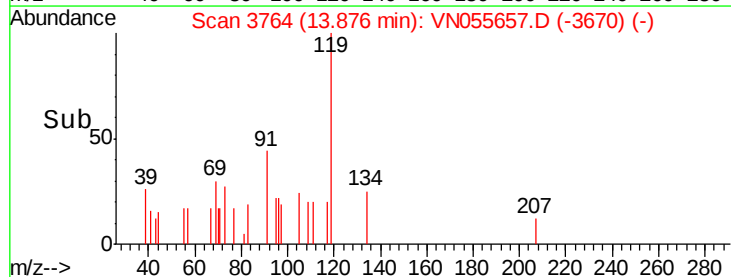
201 0.0 47.1 141.3#



Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055601.D (-3749) (-)

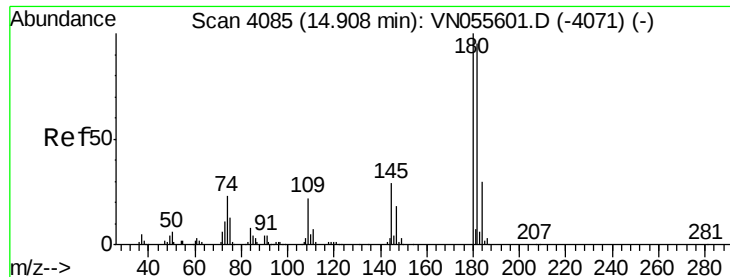
Time--> 13.86 13.87 13.88



Abundance Ion 116.80 (116.50 to 117.50): VN055657.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN055657.D (-3670) (-)

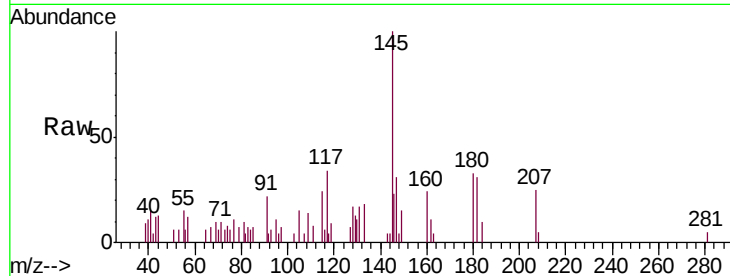
Time--> 13.86 13.87 13.88



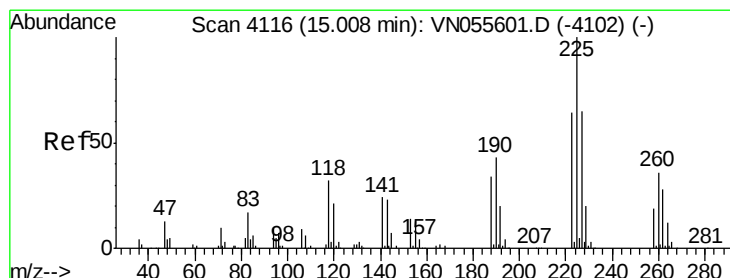
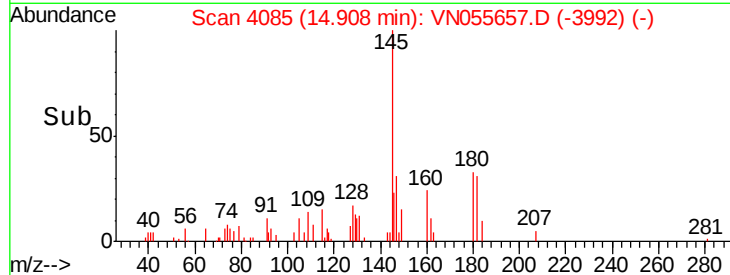
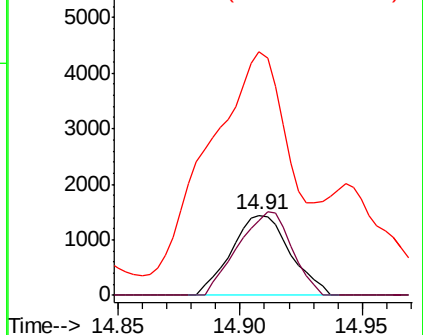
#93
 1,2,4-Trichlorobenzene
 Concen: 0.696 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055657.D
 Acq: 18 May 2019 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-17

Tgt Ion:180 Resp: 2417
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.6
 145 374.1 14.3 42.9#

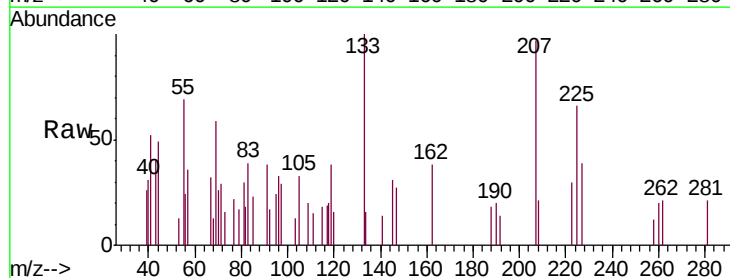


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

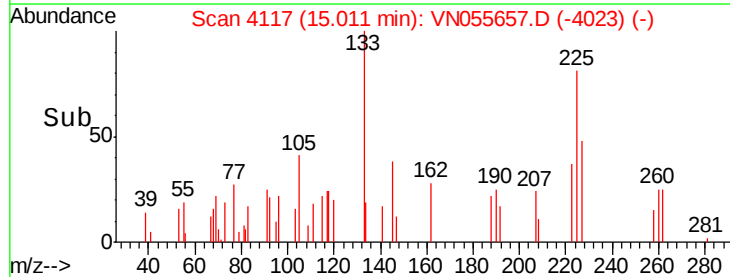
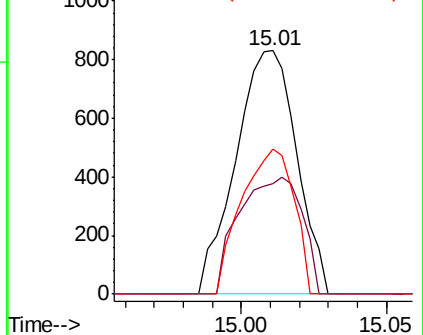


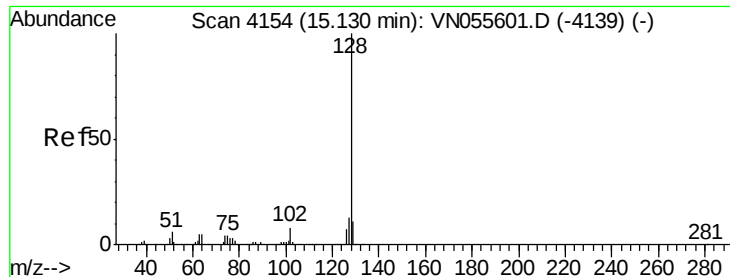
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055657.D
 Acq: 18 May 2019 10:48

Tgt Ion:225 Resp: 1215
 Ion Ratio Lower Upper
 225 100
 223 49.5 31.6 94.7
 227 51.1 32.4 97.0



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: 3.085 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

Instrument :

MSVOA_N

ClientSampled :

TP-17

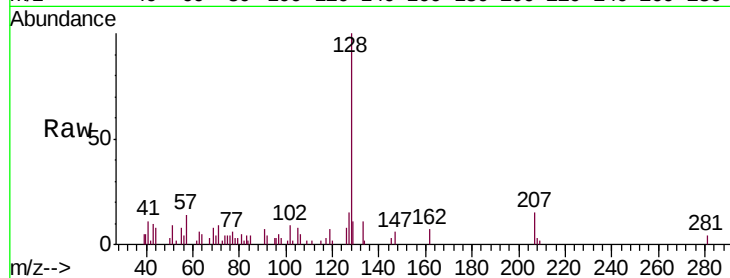
Tgt Ion:128 Resp: 14351

Ion Ratio Lower Upper

128 100

127 16.8 10.2 15.4#

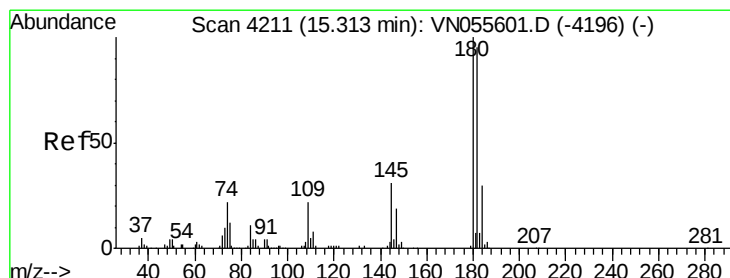
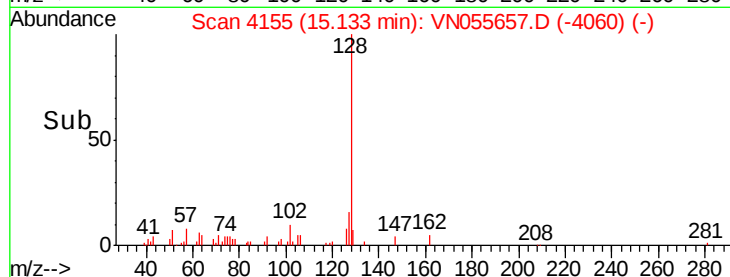
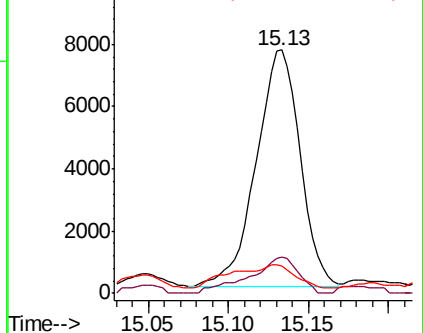
129 6.5 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.807 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN055657.D

Acq: 18 May 2019 10:48

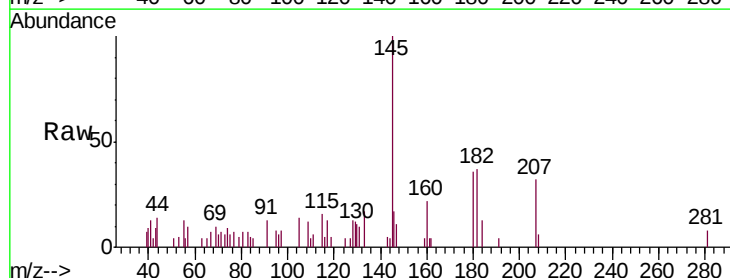
Tgt Ion:180 Resp: 2931

Ion Ratio Lower Upper

180 100

182 102.0 47.9 143.6

145 0.0 15.4 46.1#



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

