

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057617.D
 Acq On : 31 Aug 2019 16:08
 Operator : JC/SP
 Sample : VN0901WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 23:45:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	315476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	543965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	463892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	157950	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	263342	36.95	ug/l	0.00
Spiked Amount			Recovery	=	73.90%	
35) Dibromofluoromethane	7.57	113	167409	35.24	ug/l	0.00
Spiked Amount			Recovery	=	70.48%	
50) Toluene-d8	10.08	98	676498	37.09	ug/l	0.00
Spiked Amount			Recovery	=	74.18%	
62) 4-Bromofluorobenzene	12.40	95	228682	32.97	ug/l	0.00
Spiked Amount			Recovery	=	65.94%	

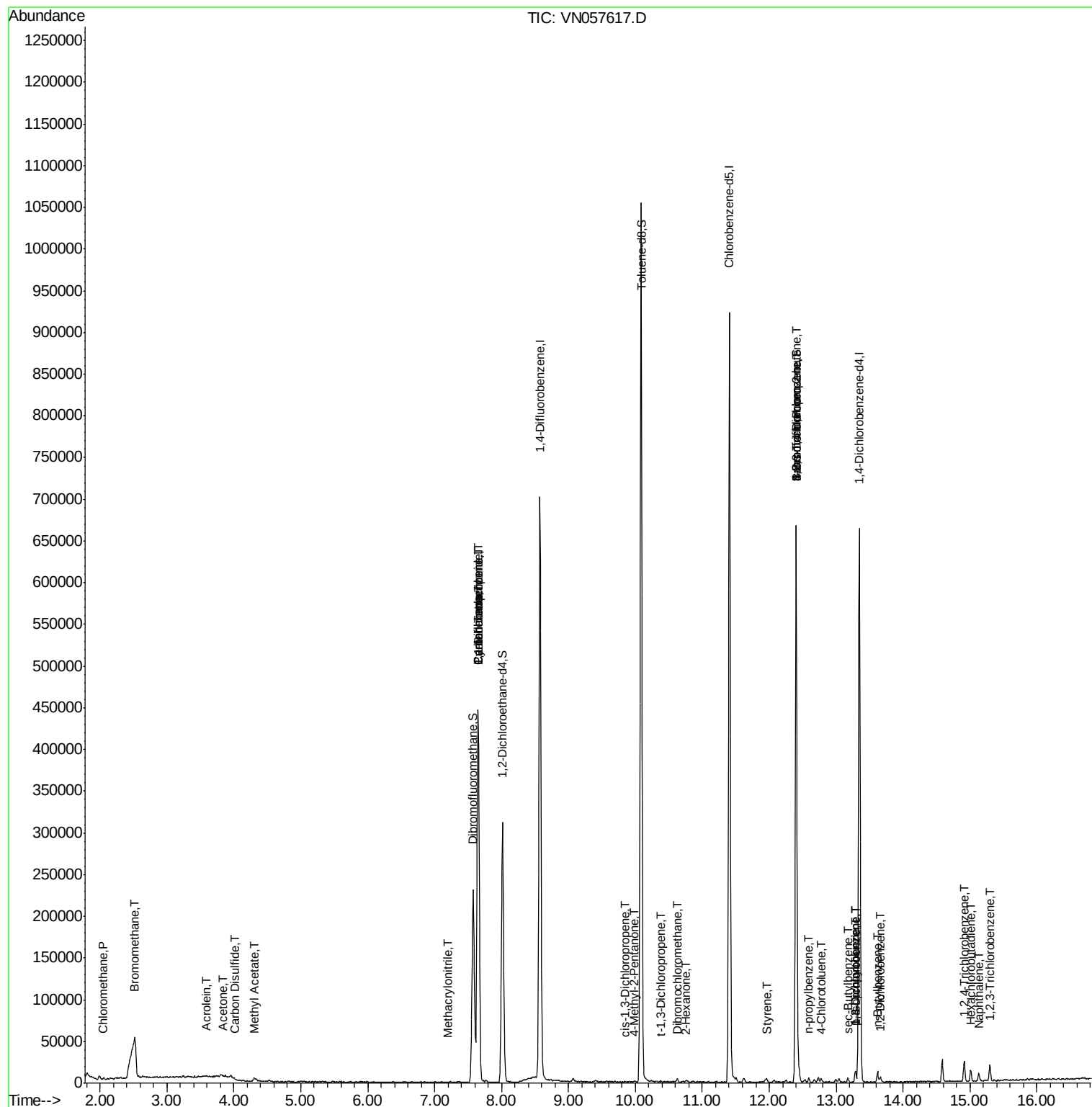
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	1455	0.250	ug/l #	83
5) Bromomethane	2.51	94	3720	1.291	ug/l	91
13) Acrolein	3.59	56	251	0.845	ug/l #	27
16) Acetone	3.83	43	853	0.427	ug/l #	50
17) Carbon Disulfide	4.02	76	2403	0.253	ug/l #	76
18) Methyl Acetate	4.30	43	3054	0.445	ug/l #	87
31) Cyclohexane	7.65	56	10816	1.146	ug/l #	32
36) 1,1-Dichloropropene	7.65	75	32642	4.526	ug/l #	52
38) Carbon Tetrachloride	7.65	117	36014	5.579	ug/l #	14
41) Methacrylonitrile	7.20	41	119	2.312	ug/l #	39
51) 4-Methyl-2-Pentanone	9.99	43	1659	0.234	ug/l #	41
53) t-1,3-Dichloropropene	10.38	75	539	3.282	ug/l #	74
54) cis-1,3-Dichloropropene	9.83	75	217	1.836	ug/l #	67
59) 2-Hexanone	10.76	43	2269	0.436	ug/l	94
60) Dibromochloromethane	10.62	129	618	3.656	ug/l #	11
70) Styrene	11.97	104	1008	2.652	ug/l #	79
71) Bromoform	12.40	173	1113	6.543	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	134075	32.270	ug/l #	100
78) n-propylbenzene	12.59	91	3869	0.218	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	134075	110.615	ug/l #	1
82) 4-Chlorotoluene	12.77	91	3125	0.285	ug/l	90
85) sec-Butylbenzene	13.17	105	3462	0.231	ug/l	99
86) p-Isopropyltoluene	13.29	119	3865	0.312	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	3072	0.556	ug/l	96
88) 1,4-Dichlorobenzene	13.29	146	3072	0.575	ug/l	95
89) n-Butylbenzene	13.62	91	7651	0.659	ug/l	91
91) 1,2-Dichlorobenzene	13.66	146	2453	0.465	ug/l	100
93) 1,2,4-Trichlorobenzene	14.91	180	6714	10.741	ug/l	90
94) Hexachlorobutadiene	15.01	225	2551	1.409	ug/l	73
95) Naphthalene	15.13	128	6717	7.756	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.29	180	5337	9.732	ug/l	95

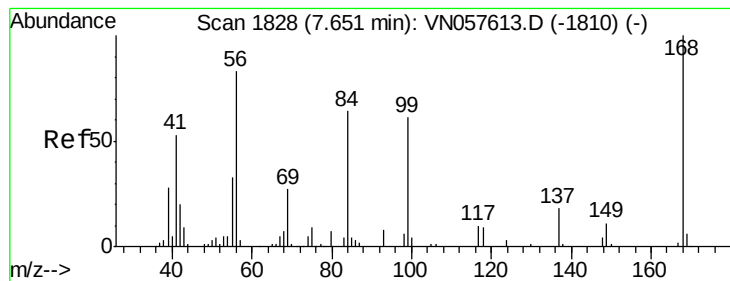
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

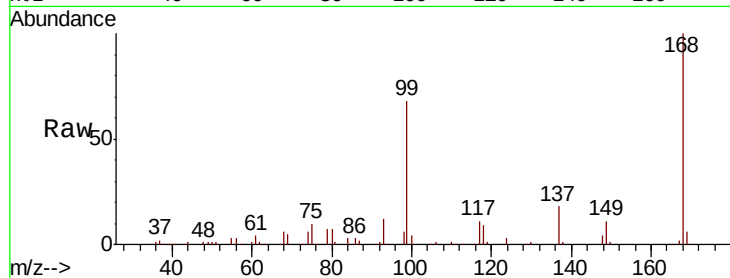
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 315476

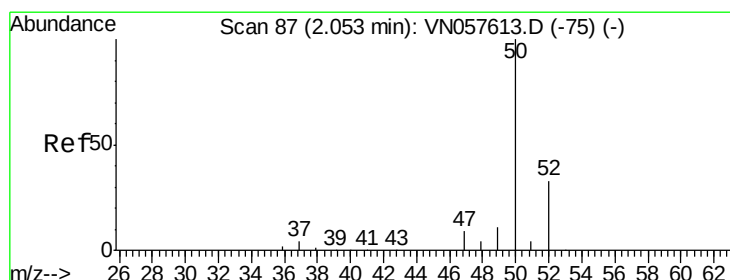
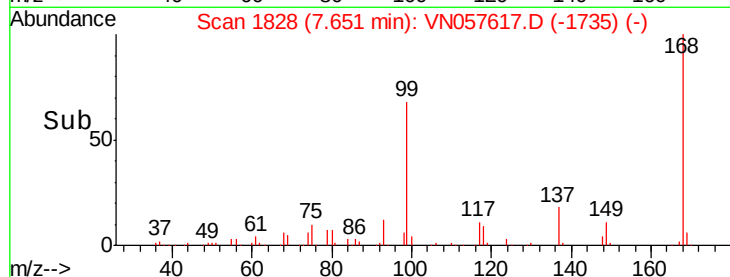
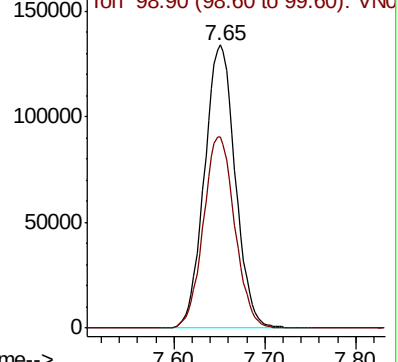
Ion Ratio Lower Upper

168 100

99 67.6 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN057617.D (-1735) (-)



#3

Chloromethane

Concen: 0.250 ug/l

RT: 2.05 min Scan# 87

Delta R.T. -0.00 min

Lab File: VN057617.D

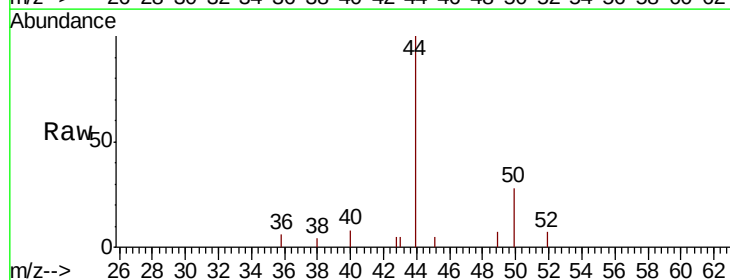
Acq: 31 Aug 2019 16:08

Tgt Ion: 50 Resp: 1455

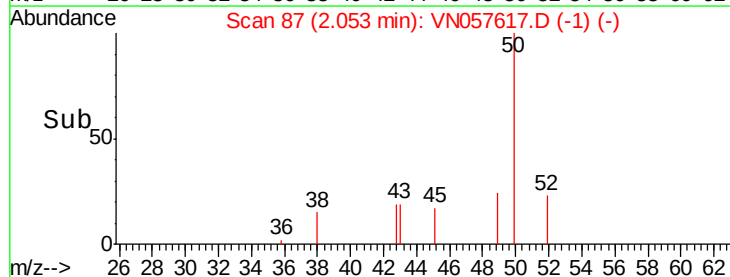
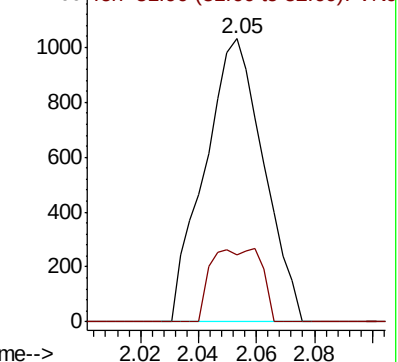
Ion Ratio Lower Upper

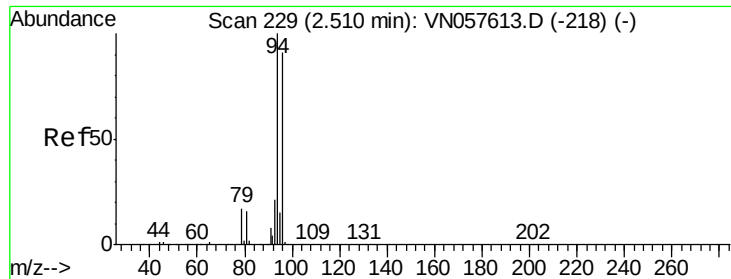
50 100

52 23.5 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VN057617.D (-1) (-)





#5

Bromomethane

Concen: 1.291 ug/l

RT: 2.51 min Scan# 230

Delta R.T. 0.00 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

Instrument :

MSVOA_N

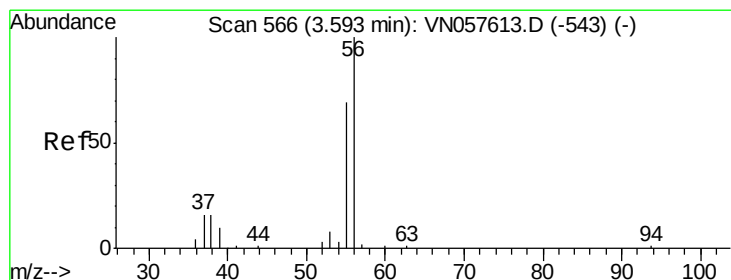
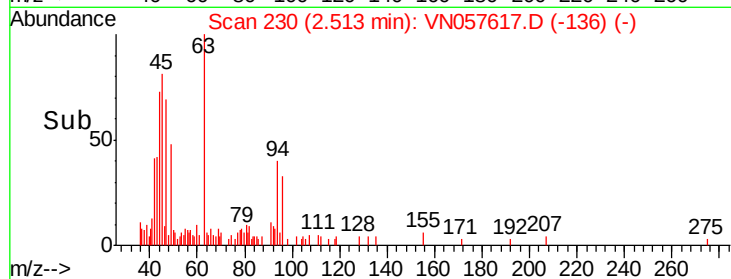
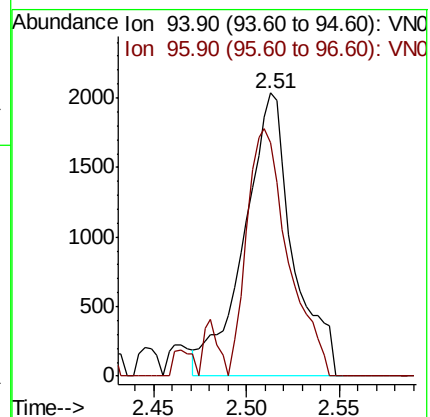
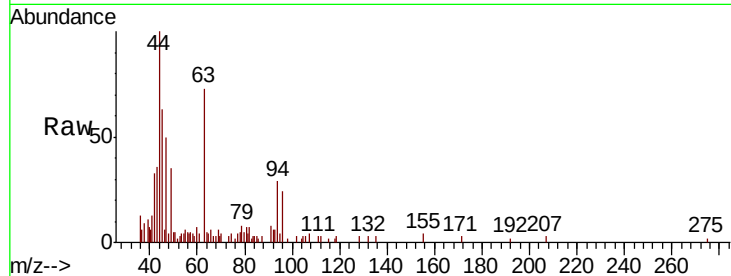
ClientSampleId :

Tot Ion: 94 Resp: 3720

Ion Ratio Lower Upper

94 100

96 82.5 72.9 109.3



#13

Acrolein

Concen: 0.845 ug/l

RT: 3.59 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN057617.D

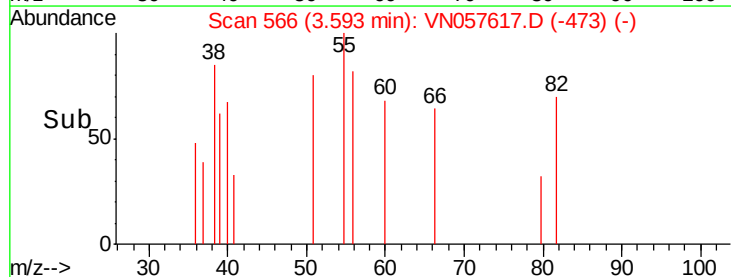
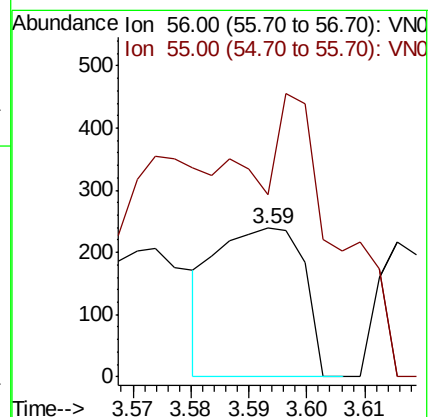
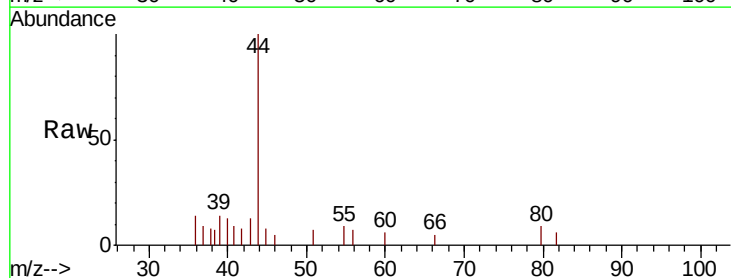
Acq: 31 Aug 2019 16:08

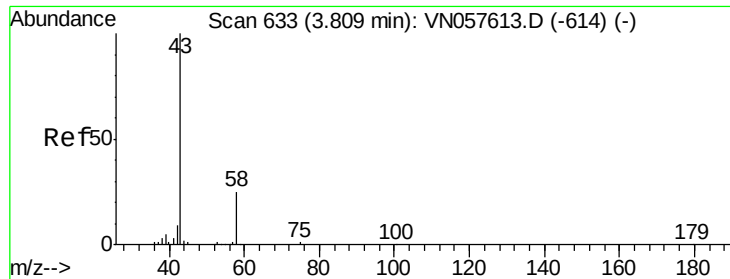
Tgt Ion: 56 Resp: 251

Ion Ratio Lower Upper

56 100

55 131.1 56.5 84.7#





#16

Acetone

Concen: 0.427 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.02 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

Instrument :

MSVOA_N

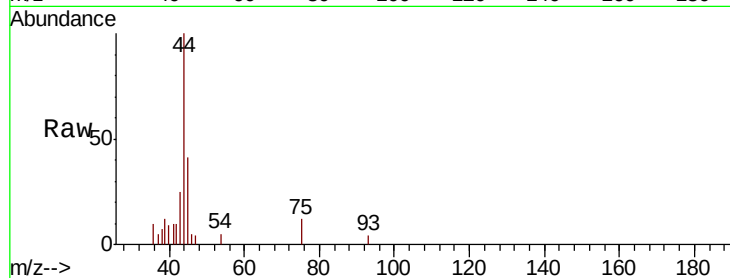
ClientSampleId :

Tot Ion: 43 Resp: 853

Ion Ratio Lower Upper

43 100

58 0.0 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

1000

800

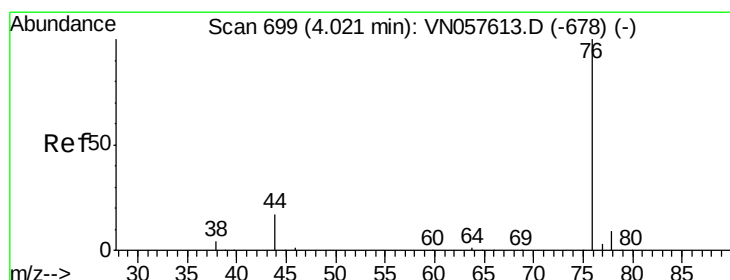
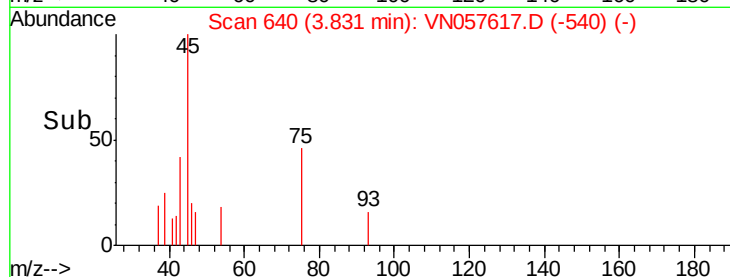
600

400

200

0

Time-->



#17

Carbon Disulfide

Concen: 0.253 ug/l

RT: 4.02 min Scan# 699

Delta R.T. -0.00 min

Lab File: VN057617.D

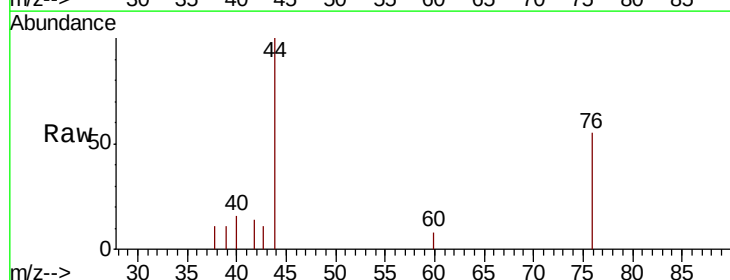
Acq: 31 Aug 2019 16:08

Tgt Ion: 76 Resp: 2403

Ion Ratio Lower Upper

76 100

78 0.0 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.02

1200

1000

800

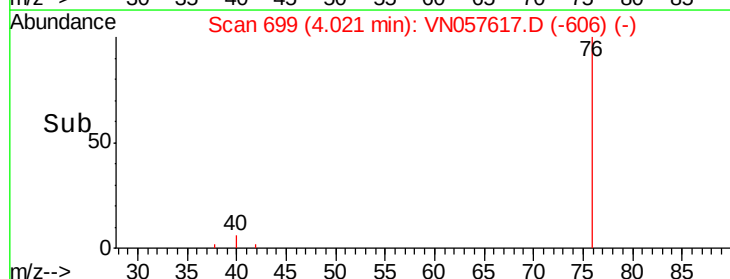
600

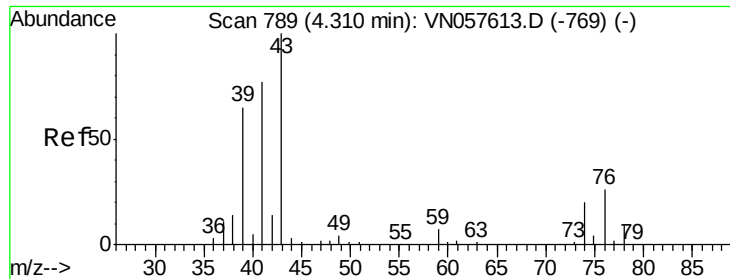
400

200

0

Time-->

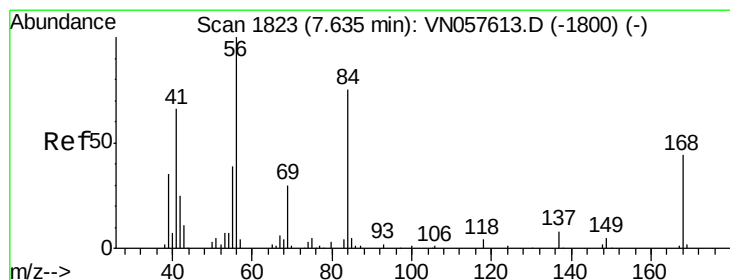
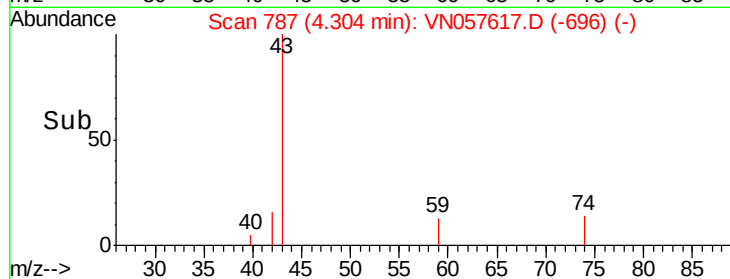
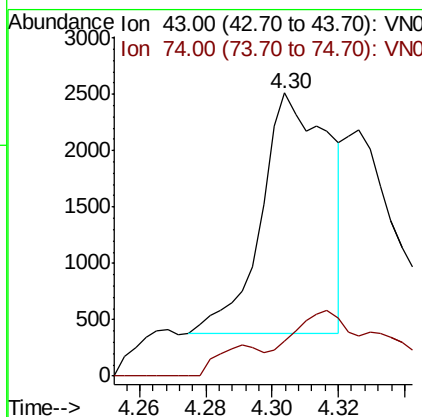
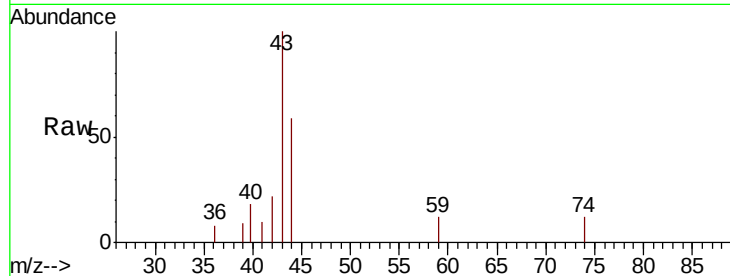




#18
Methvl Acetate
Concen: 0.445 ug/l
RT: 4.30 min Scan# 787
Delta R.T. -0.01 min
Lab File: VN057617.D
Acq: 31 Aug 2019 16:08

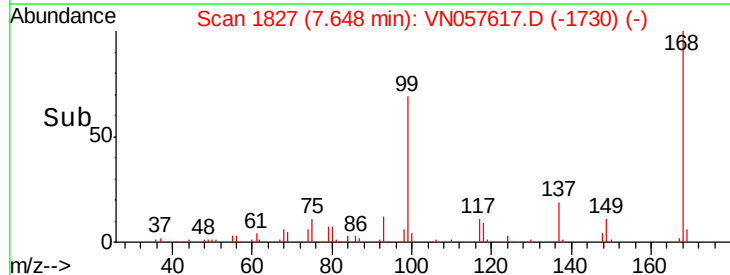
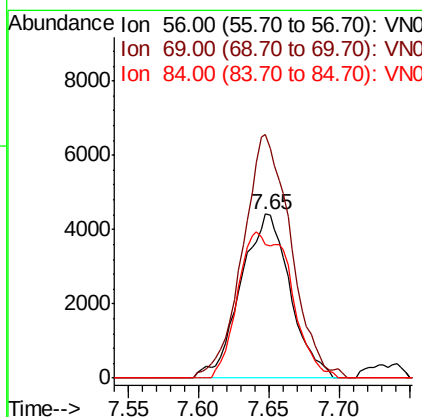
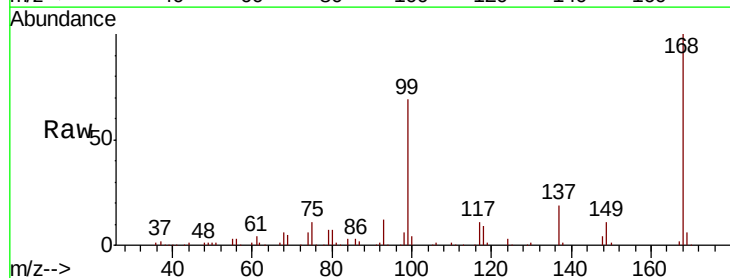
Instrument :
MSVOA_N
ClientSampled :

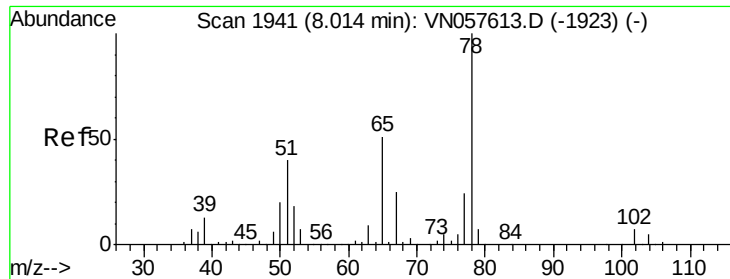
Tot Ion: 43 Resp: 3054
Ion Ratio Lower Upper
43 100
74 13.7 15.7 23.5#



#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057617.D
Acq: 31 Aug 2019 16:08

Tgt Ion: 56 Resp: 10816
Ion Ratio Lower Upper
56 100
69 148.6 24.4 36.6#
84 81.7 59.9 89.9

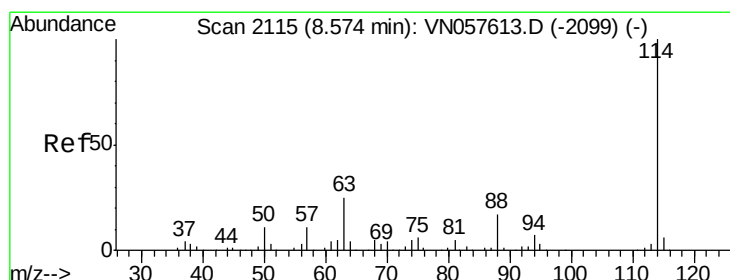
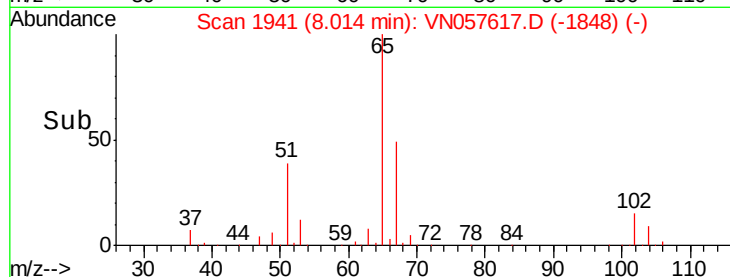
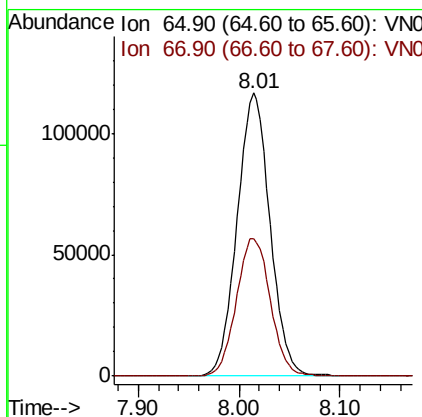
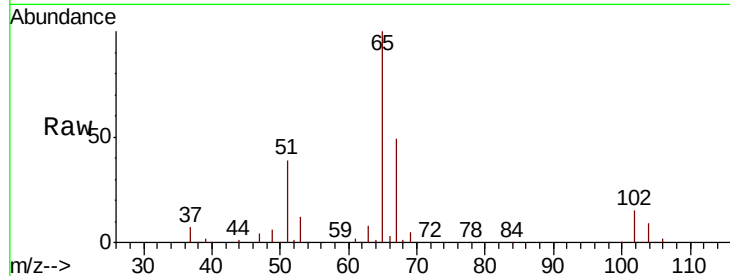




#33
 1,2-Dichloroethane-d4
 Concen: 36.952 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057617.D
 Acq: 31 Aug 2019 16:08

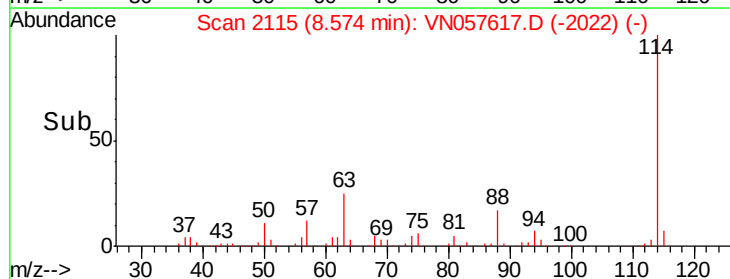
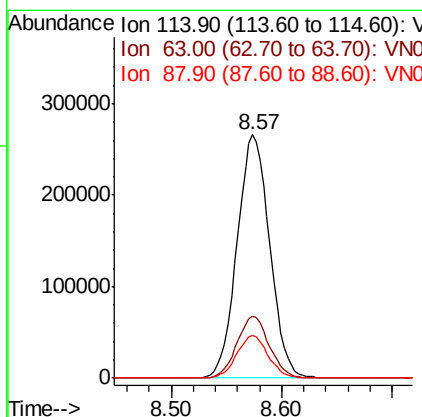
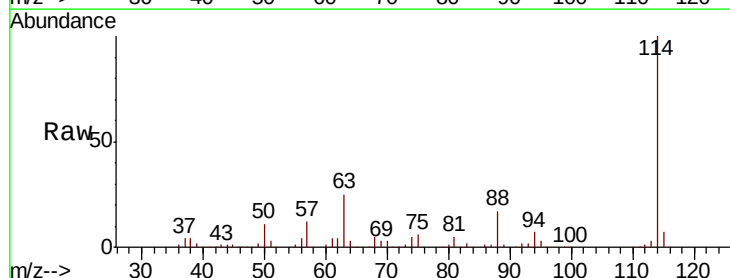
Instrument :
 MSVOA_N
 ClientSampled :

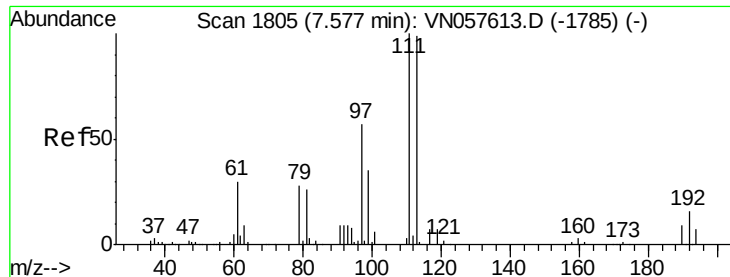
Tot Ion: 65 Resp: 263342
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057617.D
 Acq: 31 Aug 2019 16:08

Tgt Ion: 114 Resp: 543965
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.0
 88 17.3 0.0 33.0

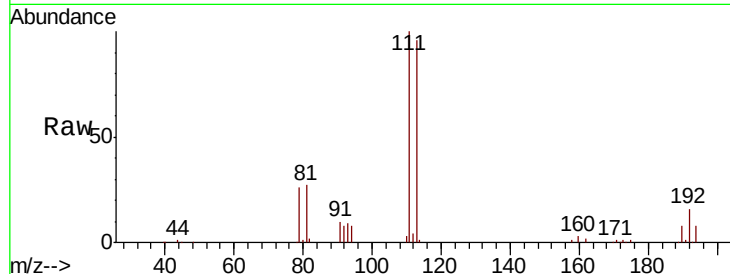




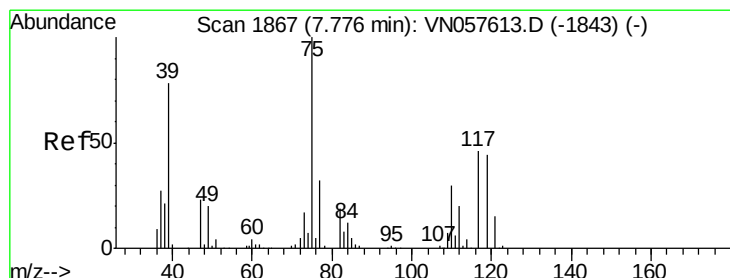
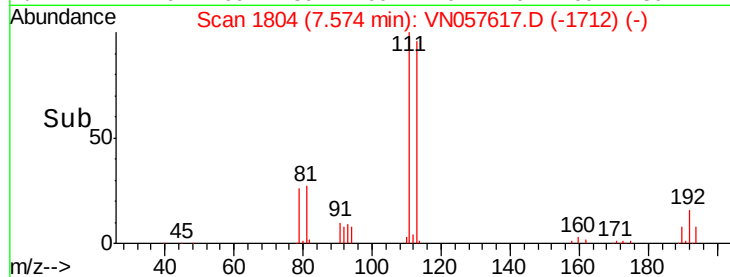
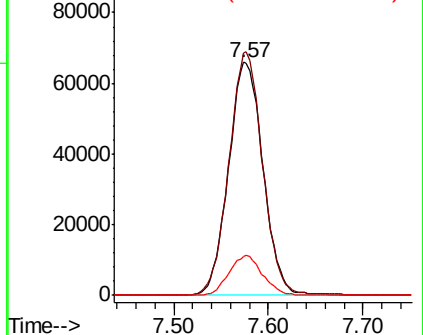
#35
 Dibromofluoromethane
 Concen: 35.241 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057617.D
 Acq: 31 Aug 2019 16:08

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 167409
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.3 121.9
 192 16.6 13.5 20.3

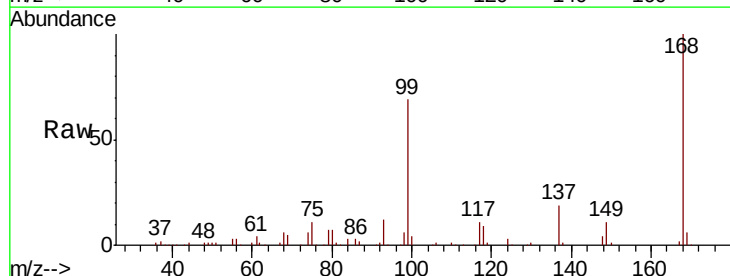


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

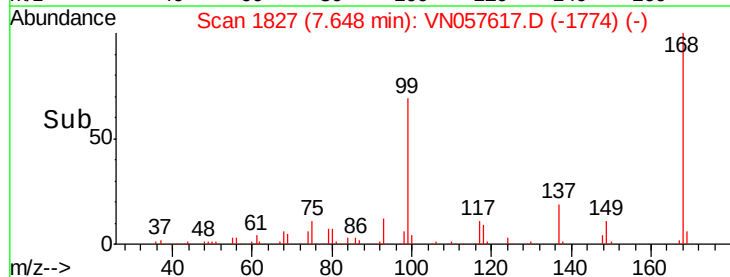
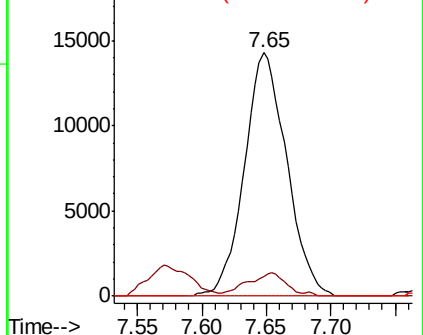


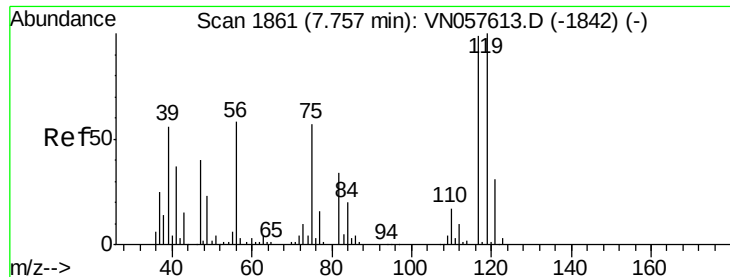
#36
 1,1-Dichloropropene
 Concen: 4.526 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN057617.D
 Acq: 31 Aug 2019 16:08

Tgt Ion: 75 Resp: 32642
 Ion Ratio Lower Upper
 75 100
 110 9.0 15.6 46.8#
 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: 5.579 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

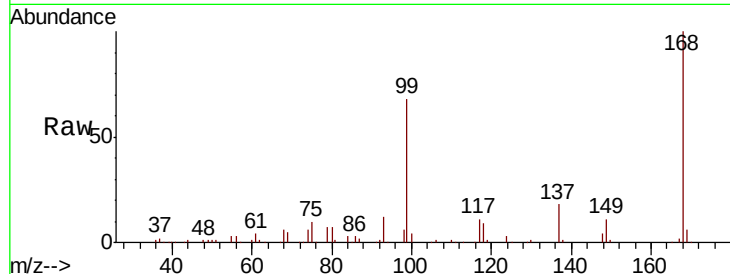
Tot Ion:117 Resp: 36014

Ion Ratio Lower Upper

117 100

119 4.6 80.6 120.8#

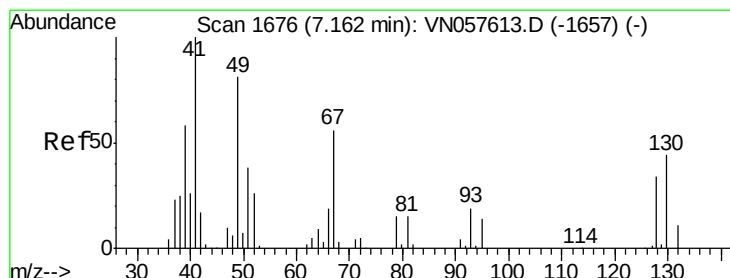
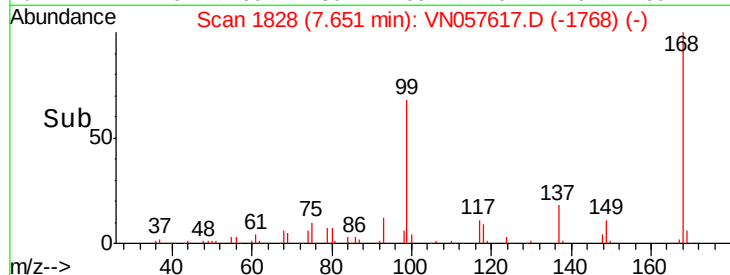
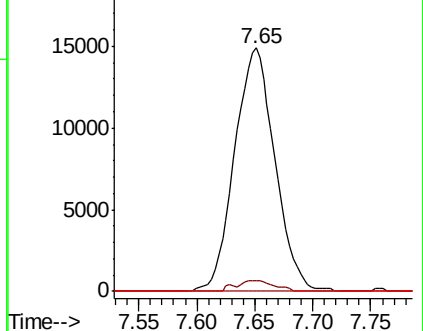
121 0.0 25.1 37.7#



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



#41

Methacrylonitrile

Concen: 2.312 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.04 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

Tgt Ion: 41 Resp: 119

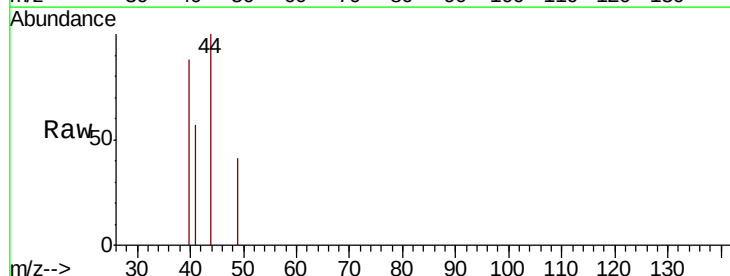
Ion Ratio Lower Upper

41 100

39 89.1 50.6 75.8#

67 0.0 56.9 85.3#

52 0.0 27.4 41.2#

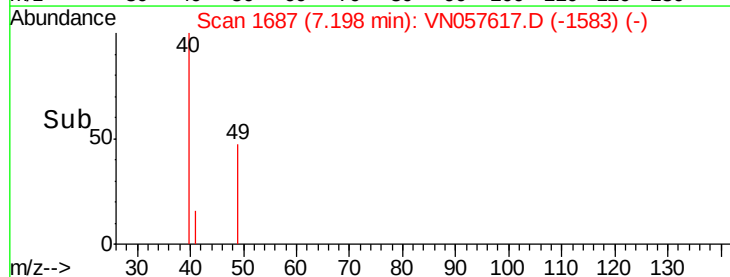
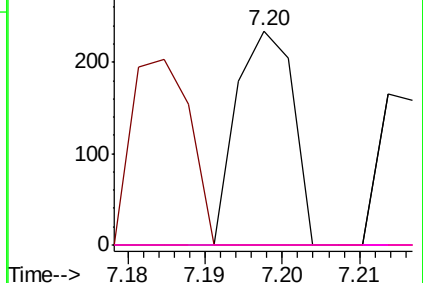


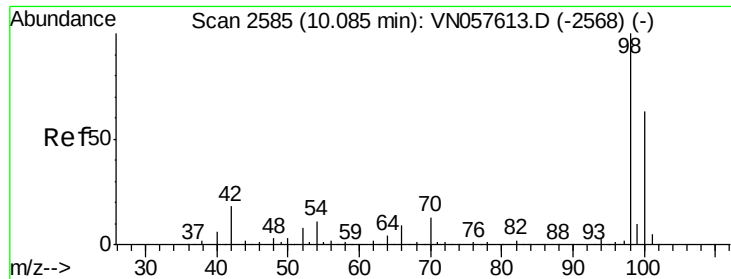
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#50

Toluene-d8

Concen: 37.093 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

Instrument :

MSVOA_N

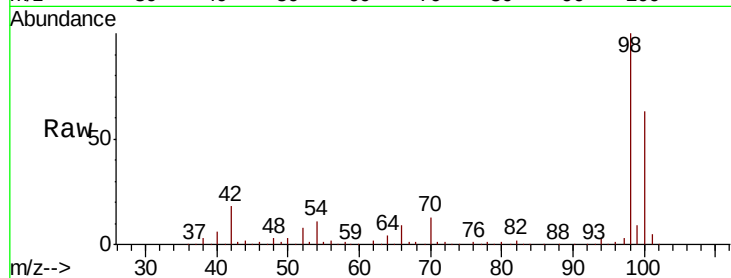
ClientSampled :

Tot Ion: 98 Resp: 676498

Ion Ratio Lower Upper

98 100

100 62.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

400000

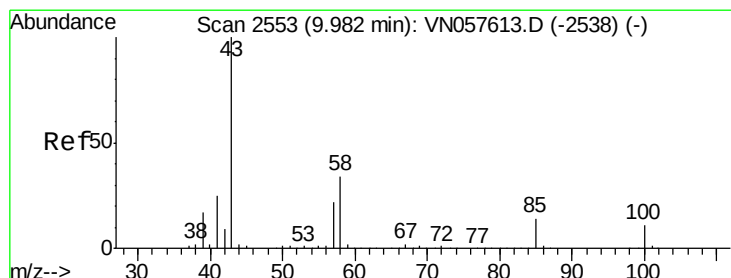
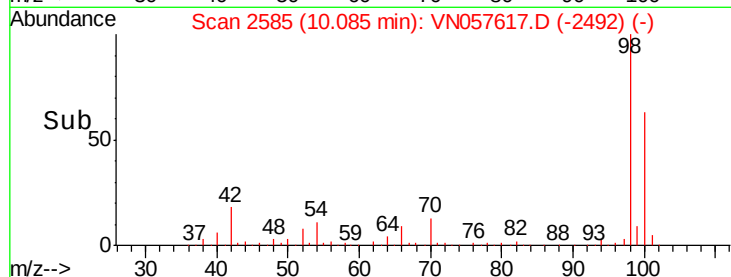
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.234 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN057617.D

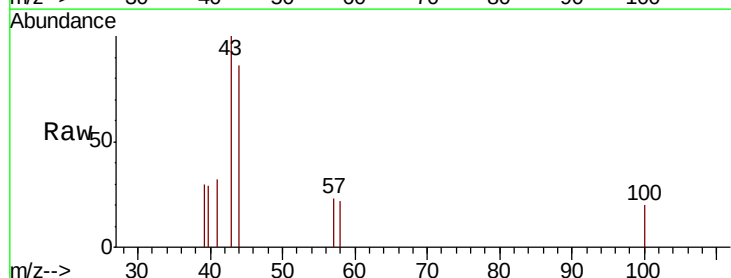
Acq: 31 Aug 2019 16:08

Tgt Ion: 43 Resp: 1659

Ion Ratio Lower Upper

43 100

58 0.0 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

800

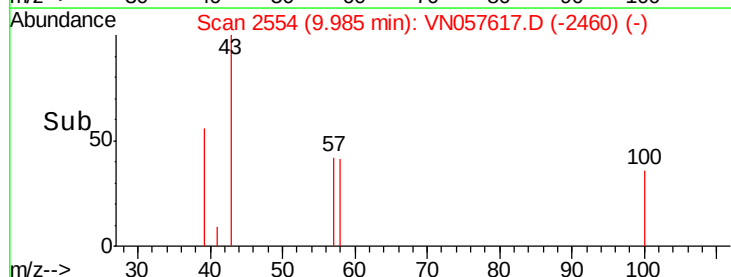
600

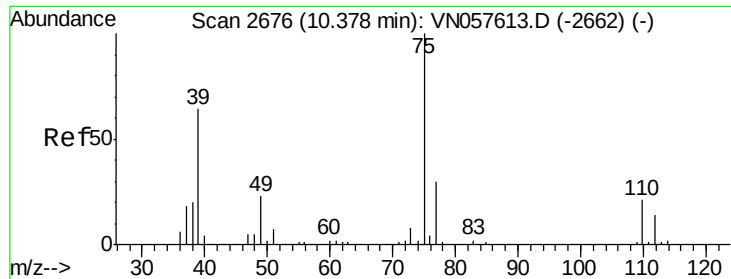
400

200

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 3.282 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

Instrument :

MSVOA_N

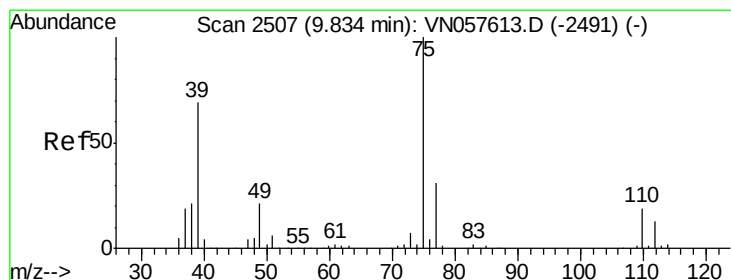
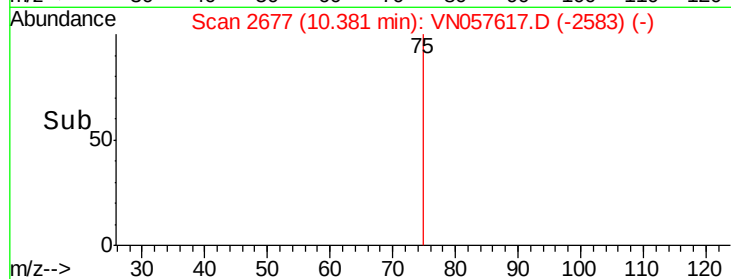
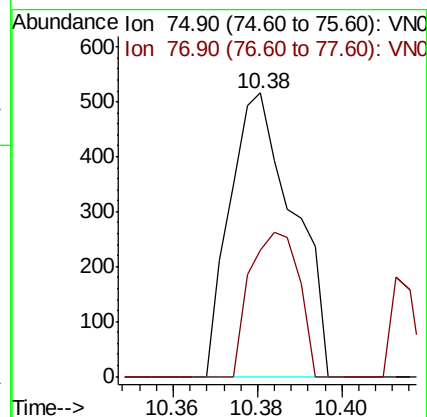
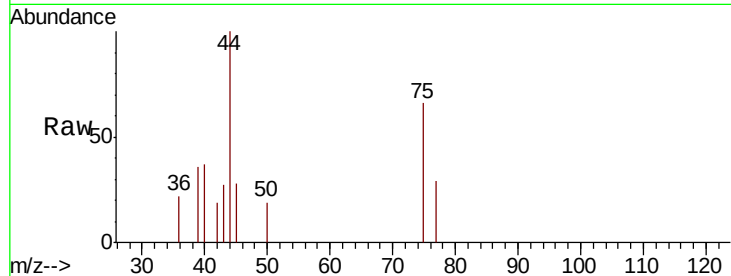
ClientSampleId :

Tot Ion: 75 Resp: 539

Ion Ratio Lower Upper

75 100

77 44.4 24.1 36.1#



#54

cis-1,3-Dichloropropene

Concen: 1.836 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

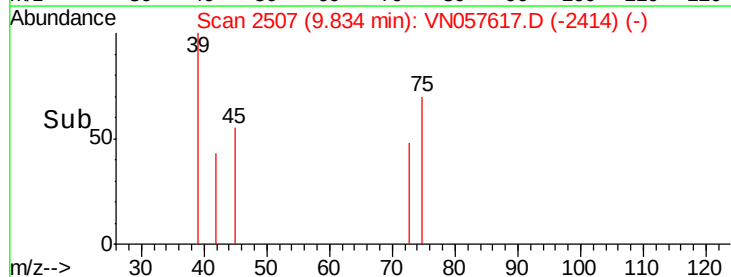
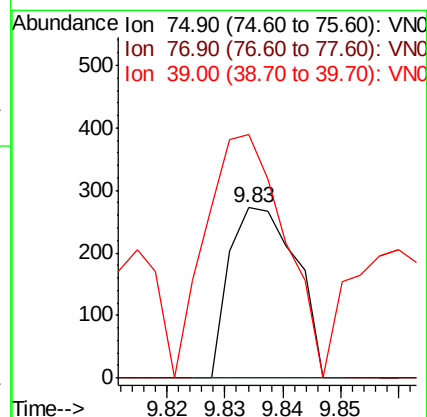
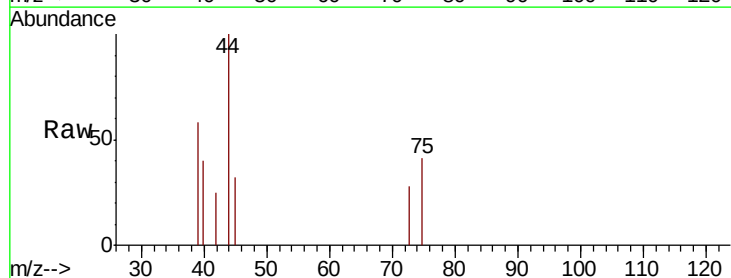
Tgt Ion: 75 Resp: 217

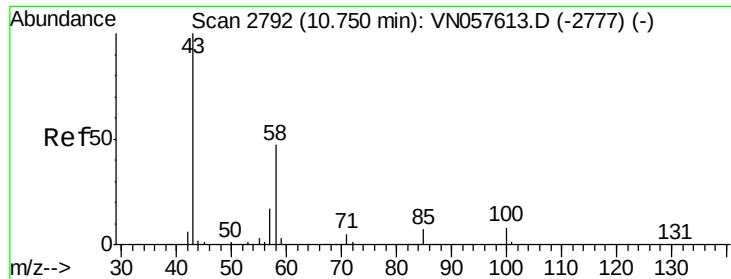
Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

39 86.8 55.0 82.4#

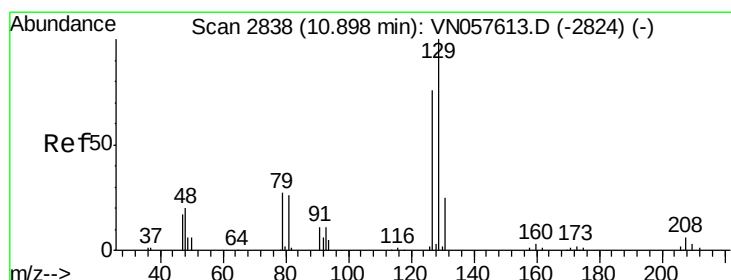
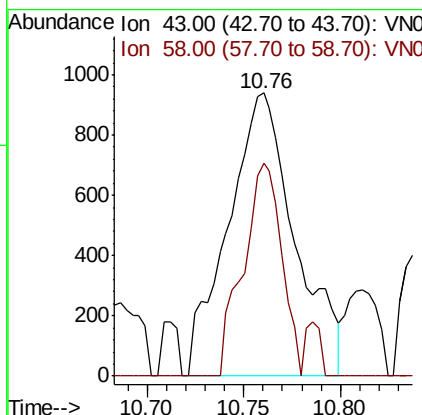
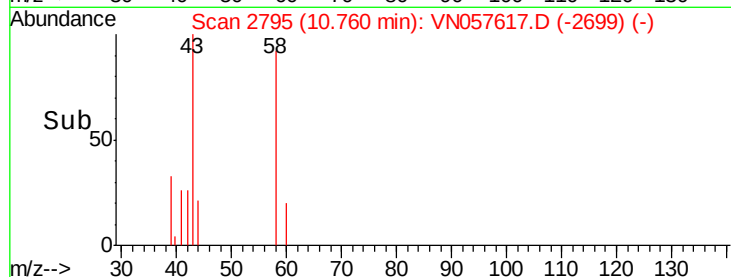
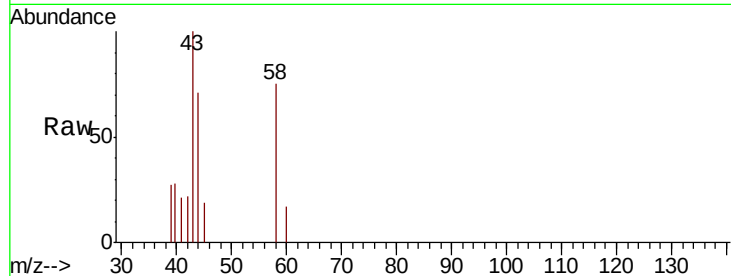




#59
2-Hexanone
Concen: 0.436 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057617.D
Acq: 31 Aug 2019 16:08

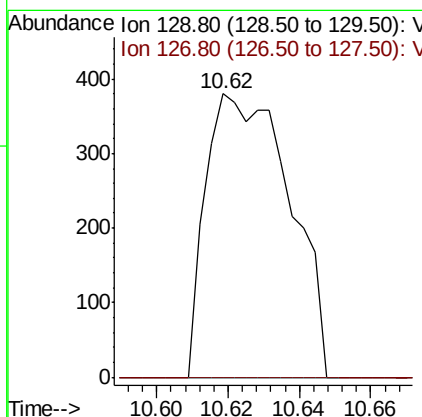
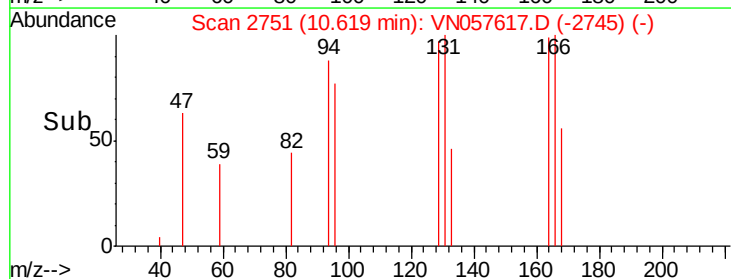
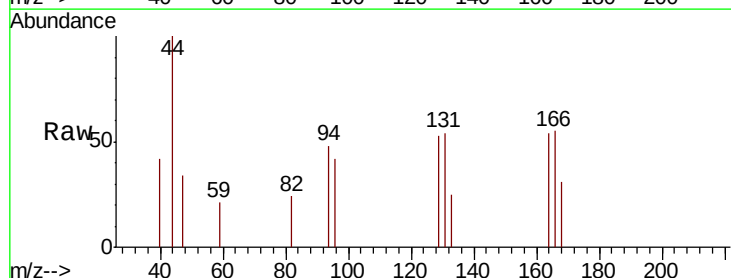
Instrument :
MSVOA_N
ClientSampleId :

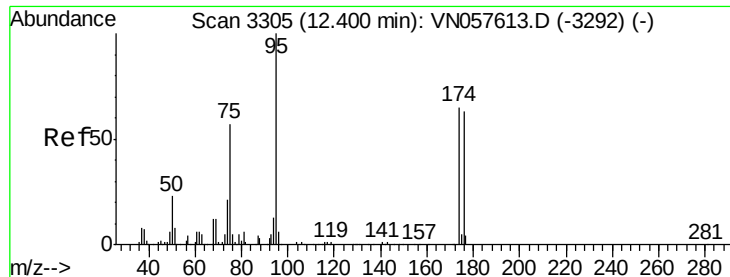
Tot Ion: 43 Resp: 2269
Ion Ratio Lower Upper
43 100
58 43.1 23.5 70.5



#60
Dibromochloromethane
Concen: 3.656 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.28 min
Lab File: VN057617.D
Acq: 31 Aug 2019 16:08

Tgt Ion: 129 Resp: 618
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#





#62

4-Bromofluorobenzene

Concen: 32.975 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

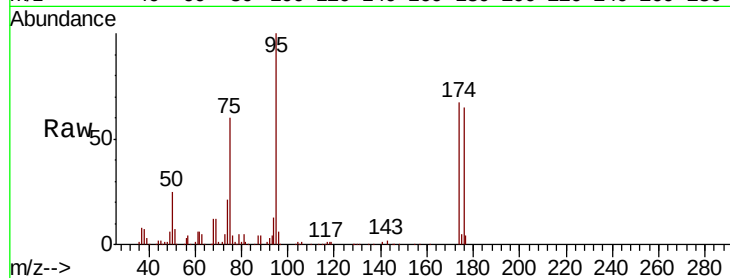
Tot Ion: 95 Resp: 228682

Ion Ratio Lower Upper

95 100

174 66.8 0.0 134.8

176 64.3 0.0 131.6



Abundance Ion 94.90 (94.60 to 95.60): VN057617.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN057617.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN057617.D (-3292) (-)

12.40

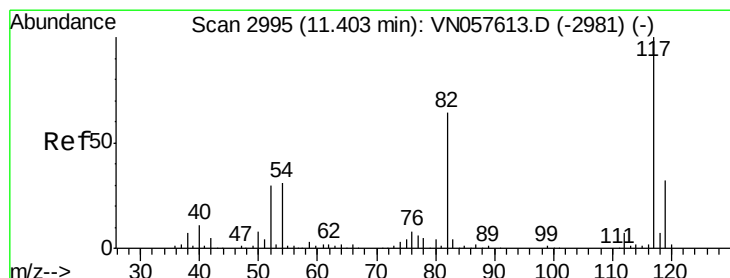
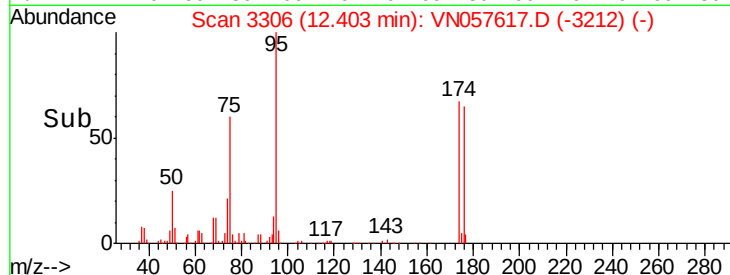
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

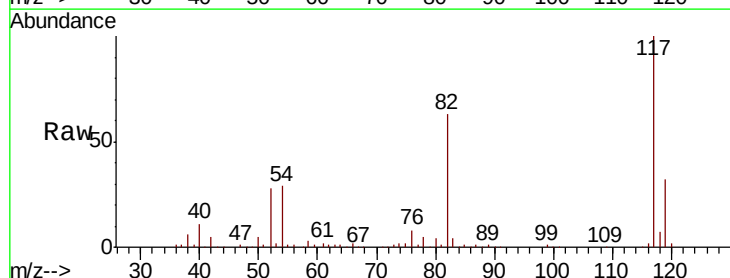
Tgt Ion: 117 Resp: 463892

Ion Ratio Lower Upper

117 100

82 63.4 51.6 77.4

119 31.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN057617.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057617.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057617.D (-2981) (-)

11.41

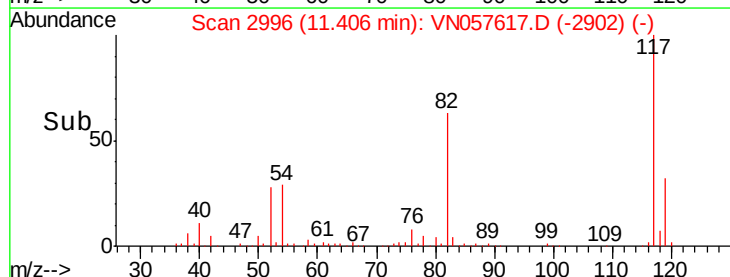
300000

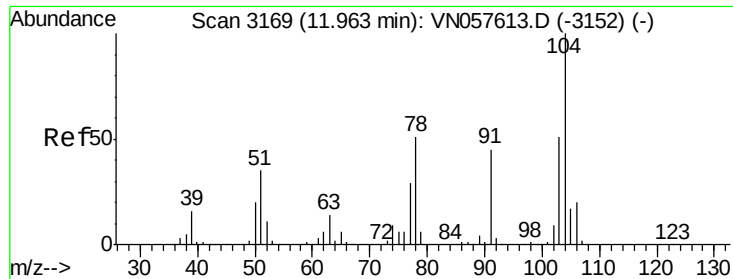
200000

100000

0

Time--> 11.30 11.40 11.50

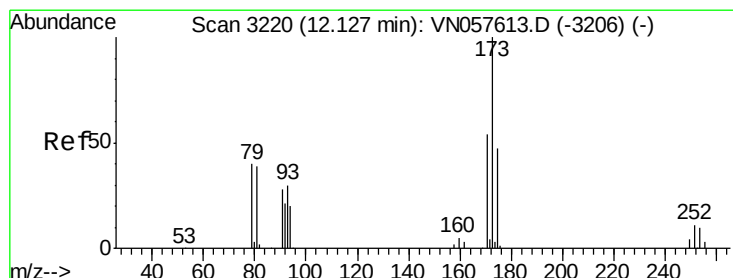
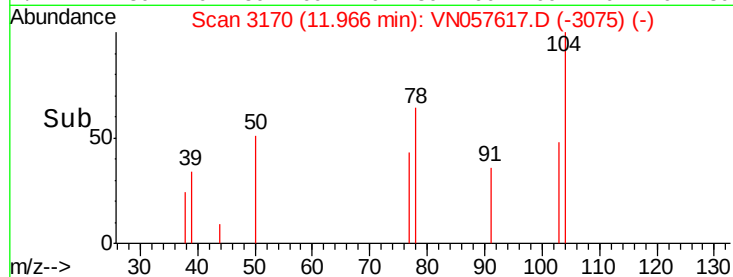
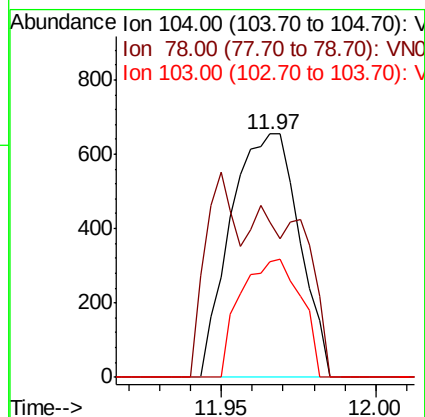
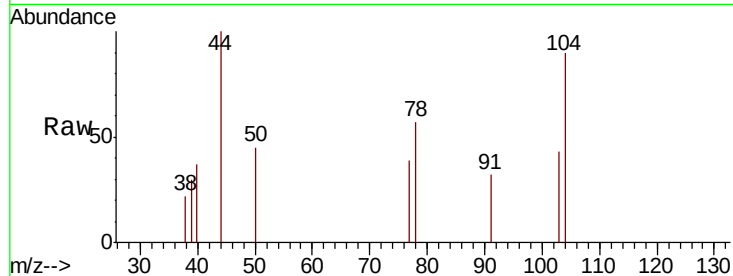




#70
Stvrene
Concen: 2.652 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN057617.D
Acq: 31 Aug 2019 16:08

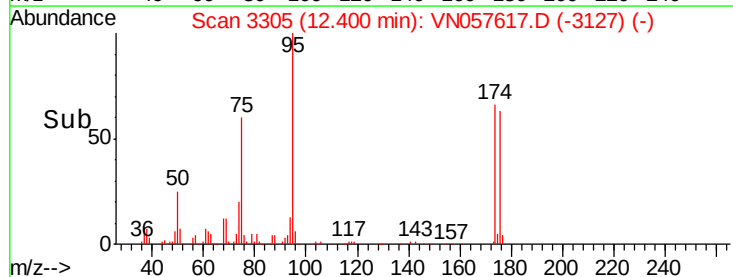
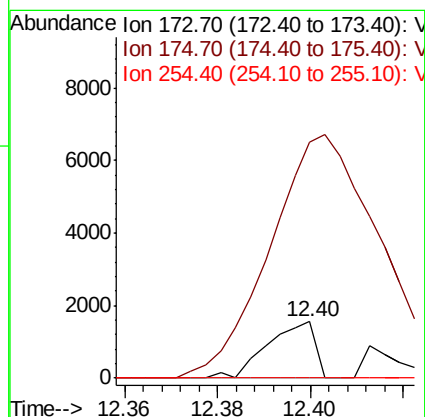
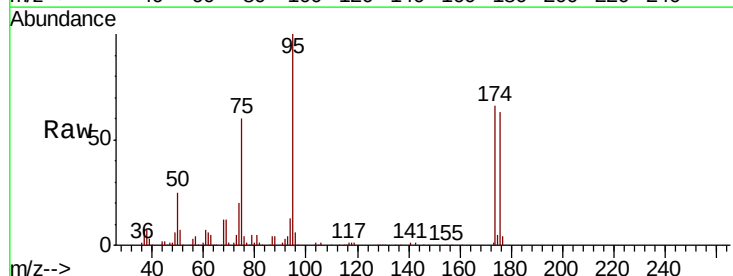
Instrument :
MSVOA_N
ClientSampled :

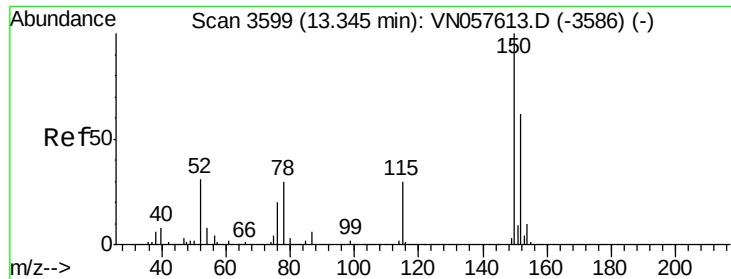
Tot Ion:104 Resp: 1008
Ion Ratio Lower Upper
104 100
78 39.9 46.6 70.0#
103 43.0 44.7 67.1#



#71
Bromoform
Concen: 6.543 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN057617.D
Acq: 31 Aug 2019 16:08

Tgt Ion:173 Resp: 1113
Ion Ratio Lower Upper
173 100
175 819.9 24.4 73.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

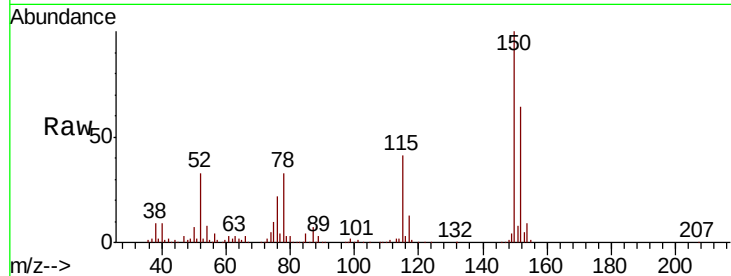
Tot Ion:152 Resp: 157950

Ion Ratio Lower Upper

152 100

115 65.5 33.2 99.6

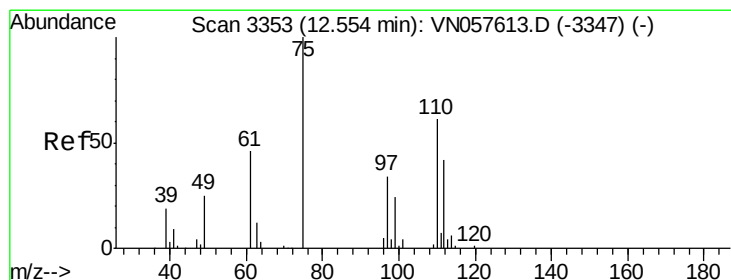
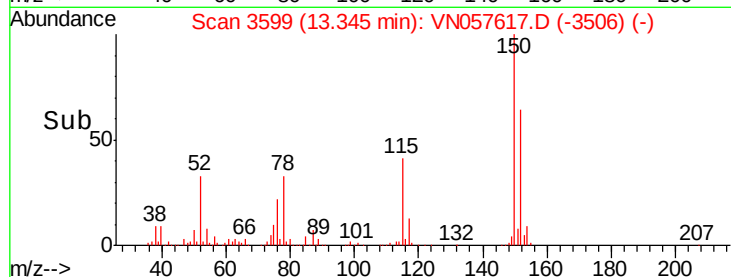
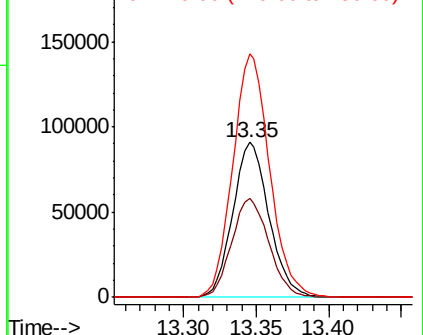
150 159.5 0.0 365.2



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



#76

1,2,3-Trichloropropane

Concen: 32.270 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057617.D

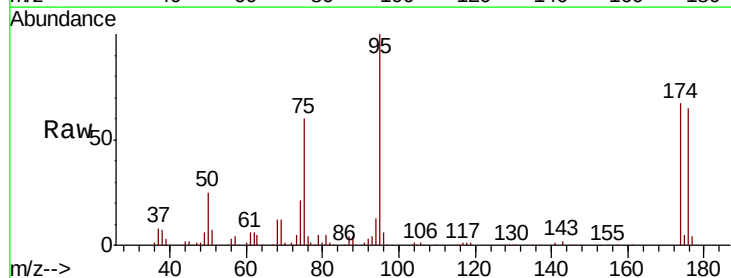
Acq: 31 Aug 2019 16:08

Tgt Ion: 75 Resp: 134075

Ion Ratio Lower Upper

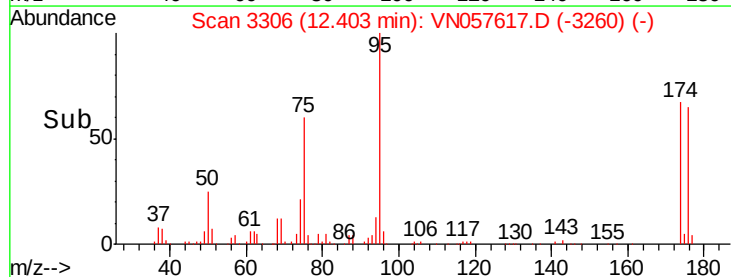
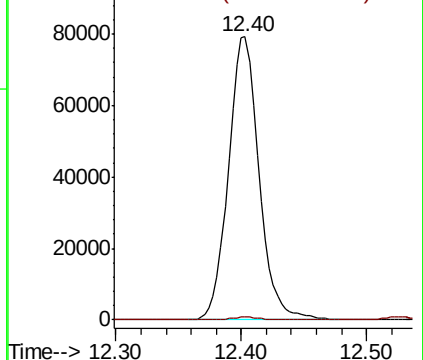
75 100

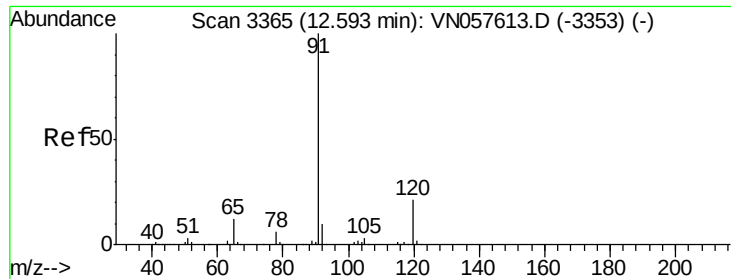
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.218 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

Instrument :

MSVOA_N

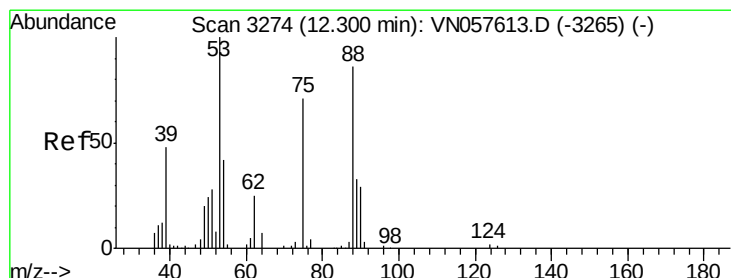
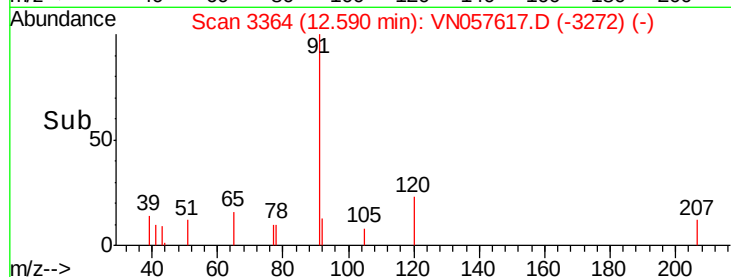
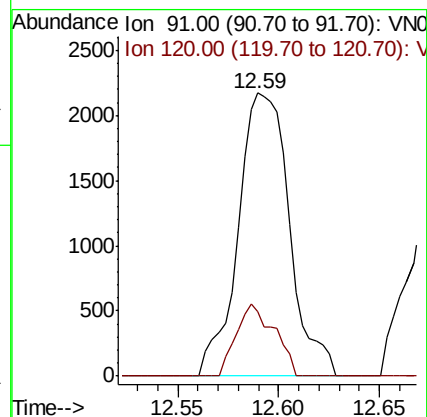
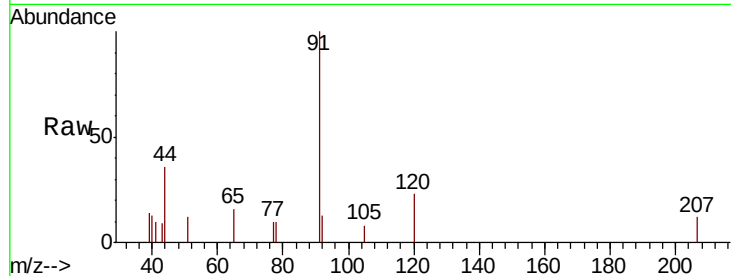
ClientSampleId :

Tot Ion: 91 Resp: 3869

Ion Ratio Lower Upper

91 100

120 19.1 10.4 31.4



#81

trans-1,4-Dichloro-2-butene

Concen: 110.615 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

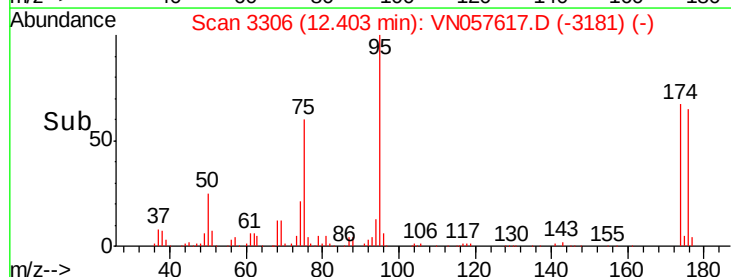
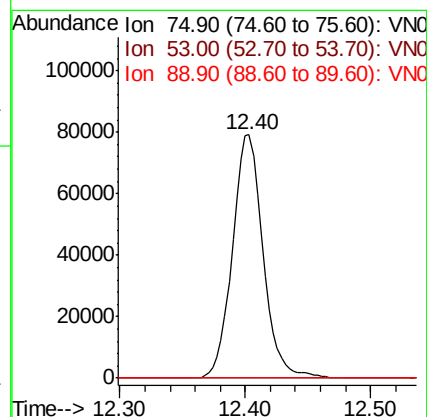
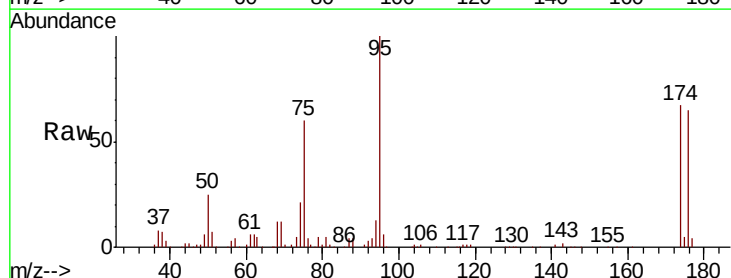
Tgt Ion: 75 Resp: 134075

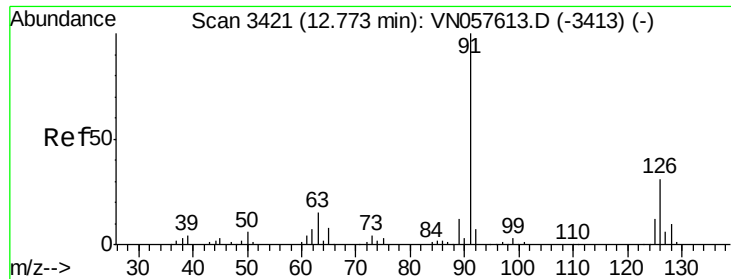
Ion Ratio Lower Upper

75 100

53 0.0 111.0 166.6#

89 0.0 38.3 57.5#





#82

4-Chlorotoluene

Concen: 0.285 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

Instrument :

MSVOA_N

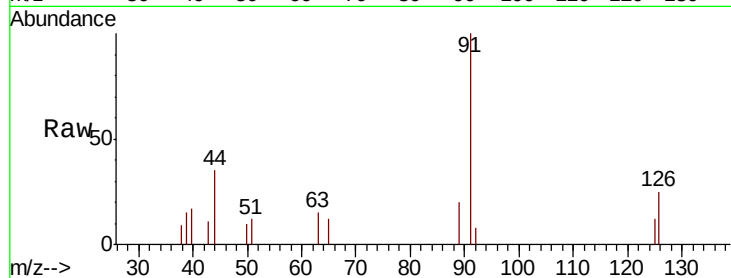
ClientSampled :

Tot Ion: 91 Resp: 3125

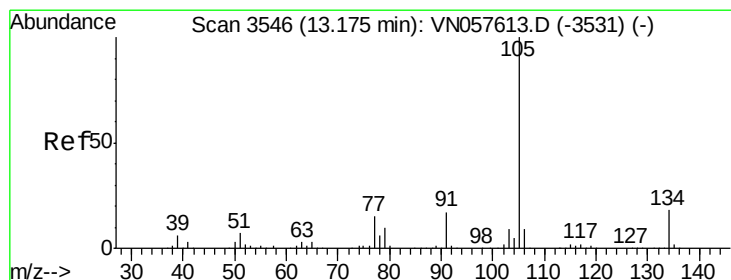
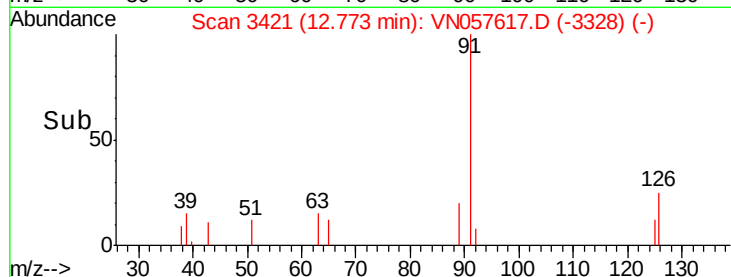
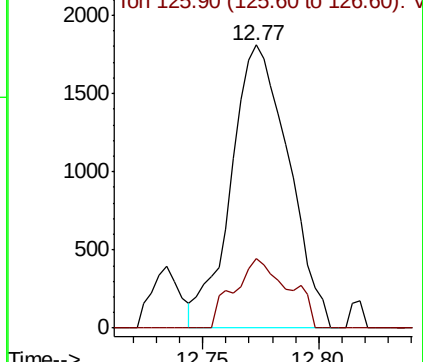
Ion Ratio Lower Upper

91 100

126 23.6 14.4 43.2



Abundance Ion 91.00 (90.70 to 91.70): VN057617.D (-3413) (-)



#85

sec-Butylbenzene

Concen: 0.231 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN057617.D

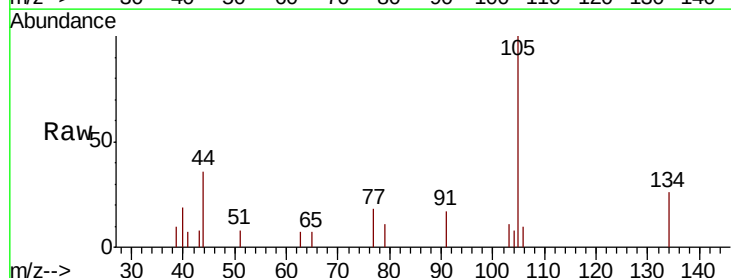
Acq: 31 Aug 2019 16:08

Tgt Ion: 105 Resp: 3462

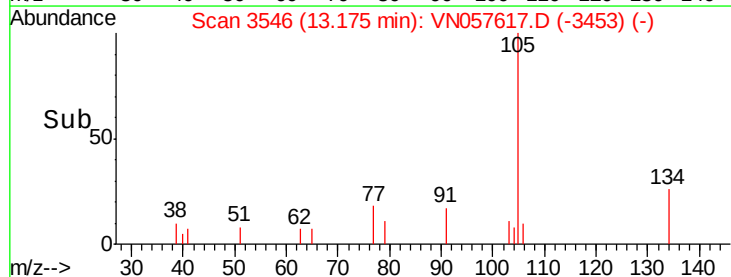
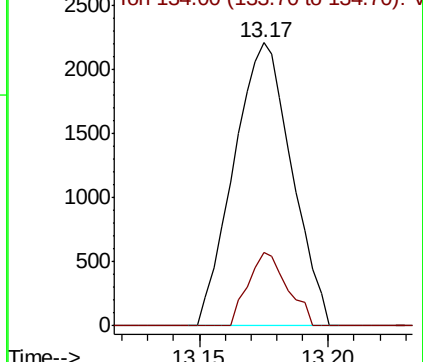
Ion Ratio Lower Upper

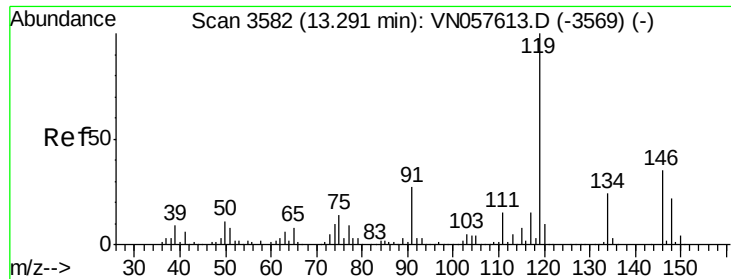
105 100

134 17.5 8.9 26.8



Abundance Ion 105.00 (104.70 to 105.70): VN057617.D (-3531) (-)

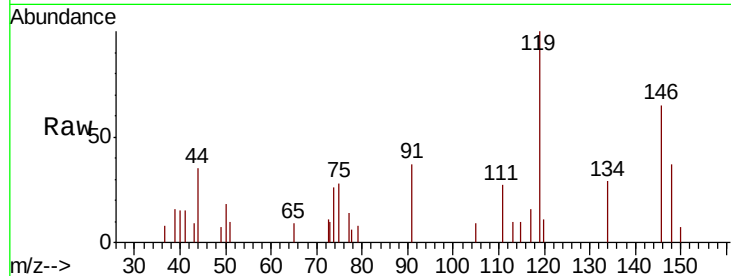




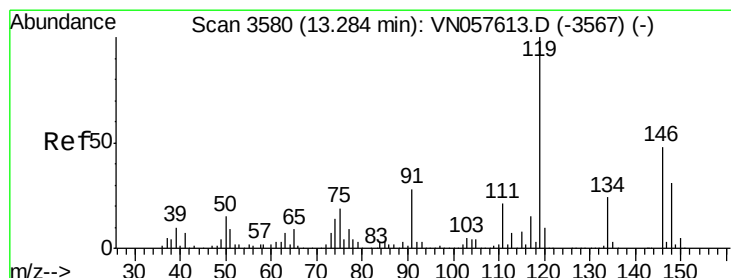
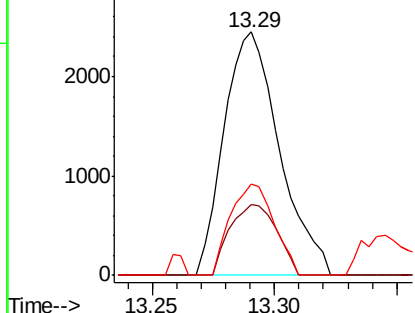
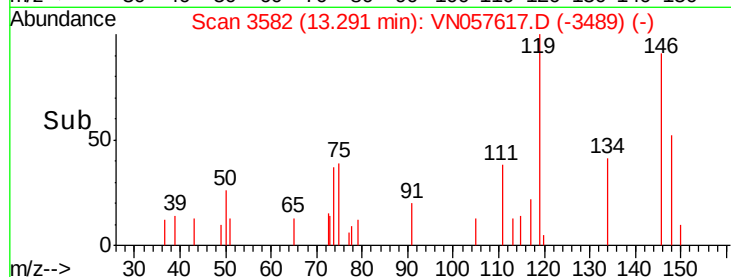
#86
 p-Isopropyltoluene
 Concen: 0.312 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN057617.D
 Acq: 31 Aug 2019 16:08

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 3865
 Ion Ratio Lower Upper
 119 100
 134 24.6 11.9 35.5
 91 29.6 13.7 41.0

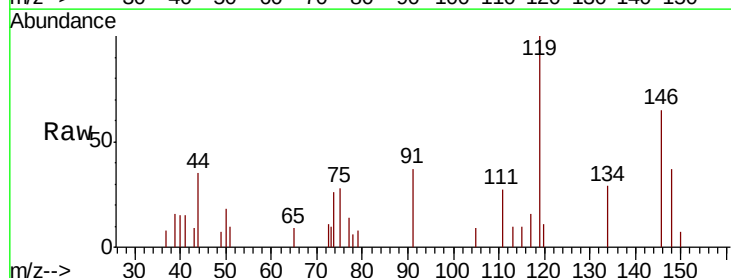


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

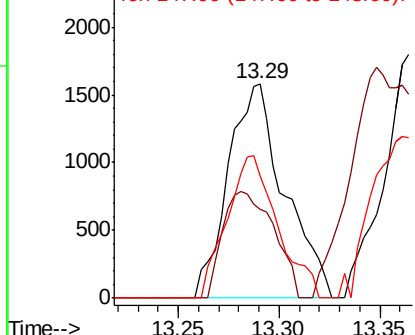
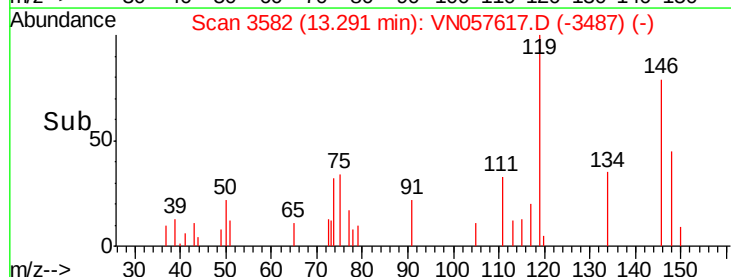


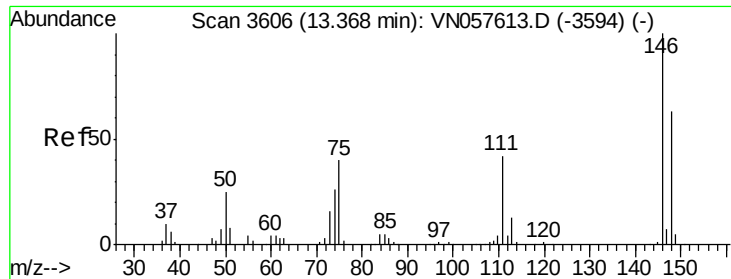
#87
 1,3-Dichlorobenzene
 Concen: 0.556 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.01 min
 Lab File: VN057617.D
 Acq: 31 Aug 2019 16:08

Tgt Ion:146 Resp: 3072
 Ion Ratio Lower Upper
 146 100
 111 45.5 21.8 65.3
 148 59.8 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.575 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.08 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

Instrument :

MSVOA_N

ClientSampled :

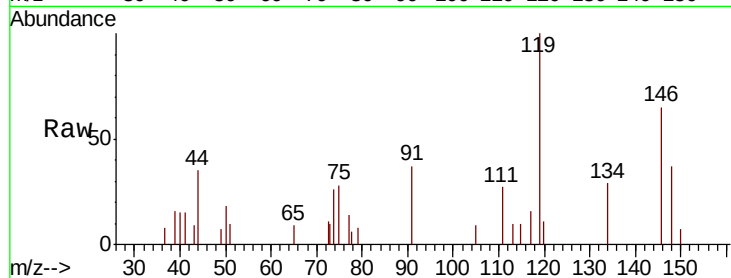
Tot Ion:146 Resp: 3072

Ion Ratio Lower Upper

146 100

111 45.5 21.6 65.0

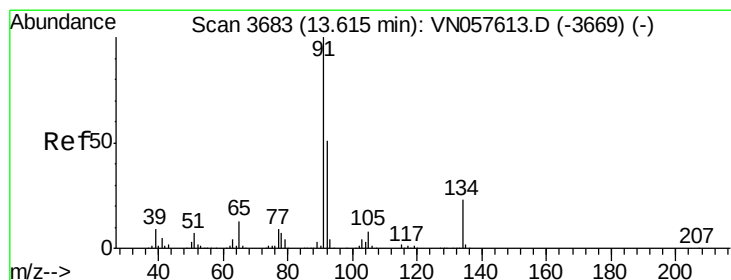
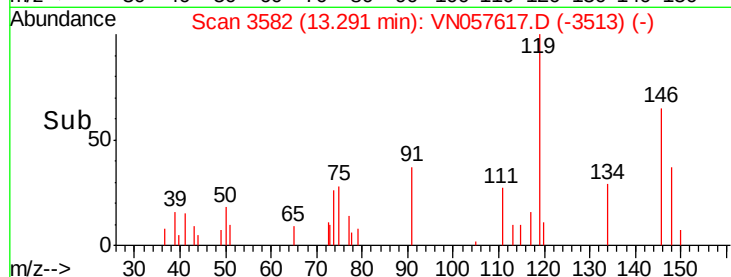
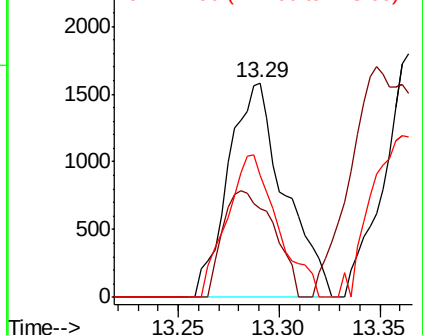
148 59.8 32.2 96.6



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: 0.659 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

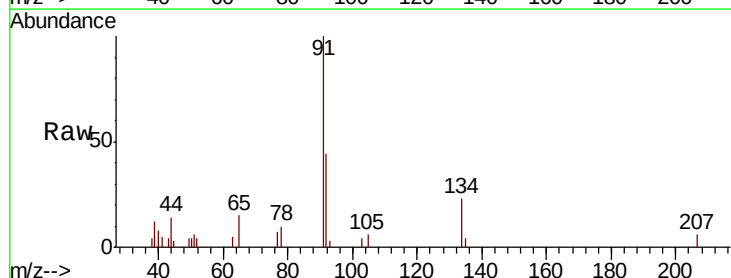
Tgt Ion: 91 Resp: 7651

Ion Ratio Lower Upper

91 100

92 43.2 25.4 76.0

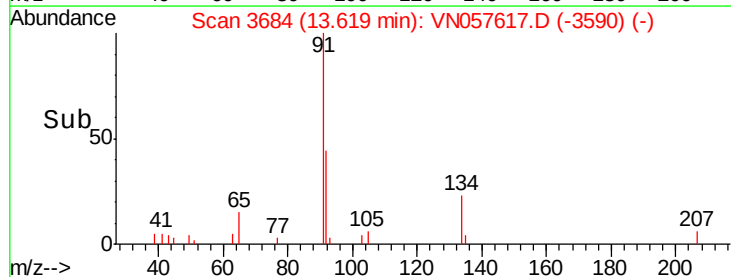
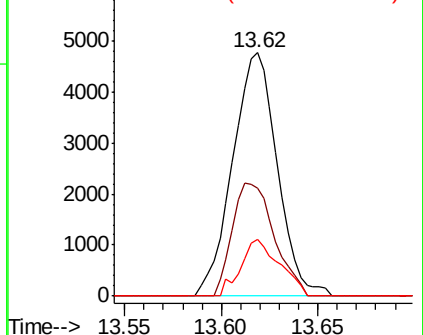
134 20.1 11.0 33.0

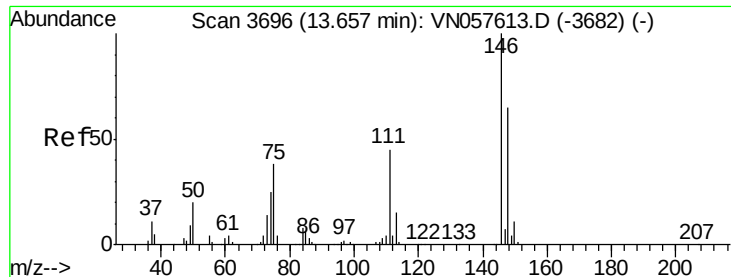


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

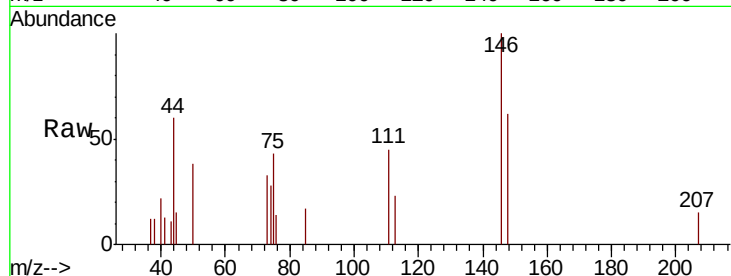




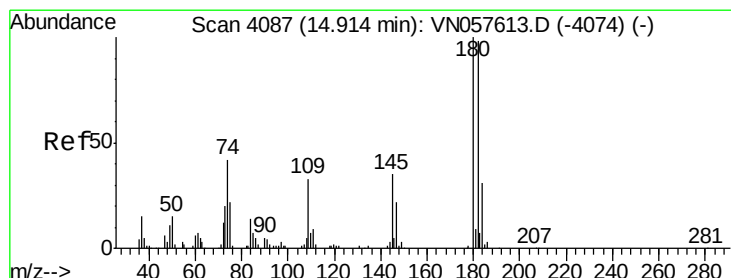
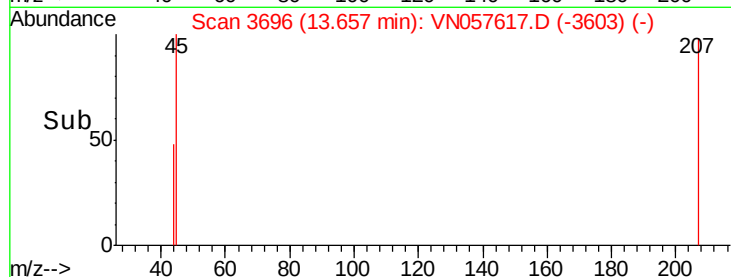
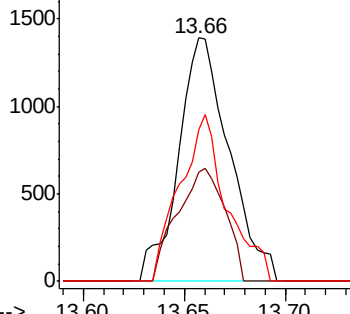
#91
 1,2-Dichlorobenzene
 Concen: 0.465 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN057617.D
 Acq: 31 Aug 2019 16:08

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 2453
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.1 66.5
 148 63.4 31.6 94.7

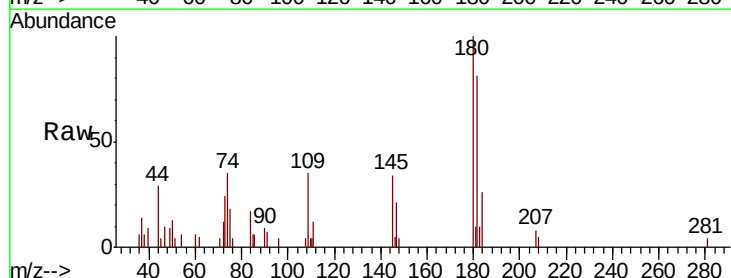


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

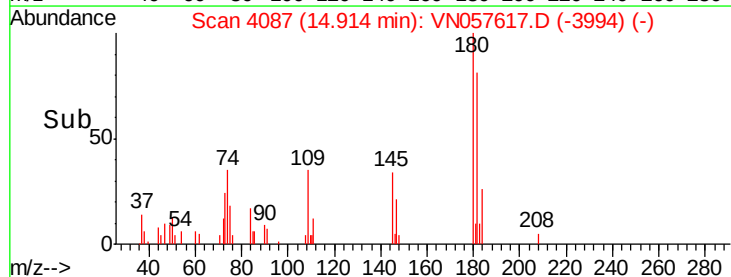
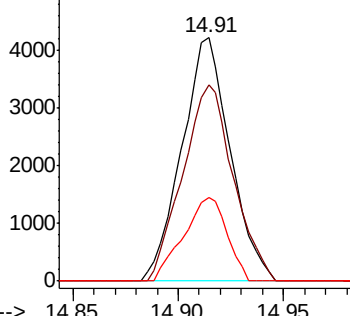


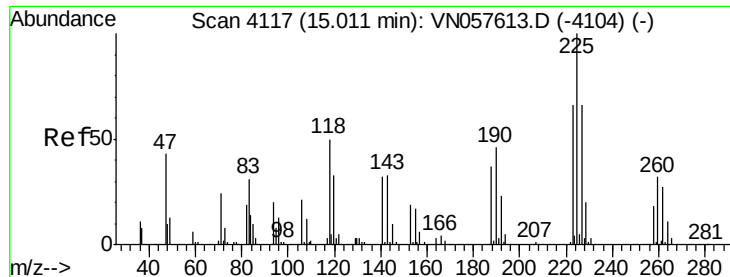
#93
 1,2,4-Trichlorobenzene
 Concen: 10.741 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057617.D
 Acq: 31 Aug 2019 16:08

Tgt Ion:180 Resp: 6714
 Ion Ratio Lower Upper
 180 100
 182 84.4 47.8 143.3
 145 30.7 16.9 50.7



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: 1.409 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

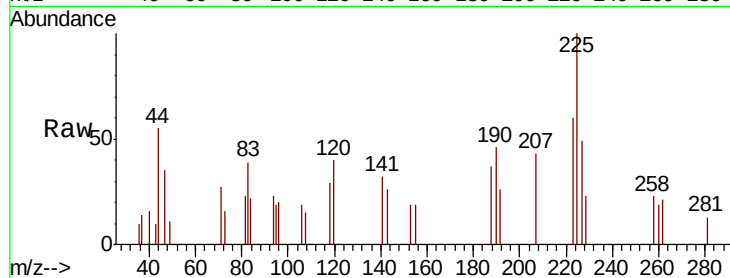
Tot Ion:225 Resp: 2551

Ion Ratio Lower Upper

225 100

223 53.6 32.3 96.8

227 33.5 32.4 97.2

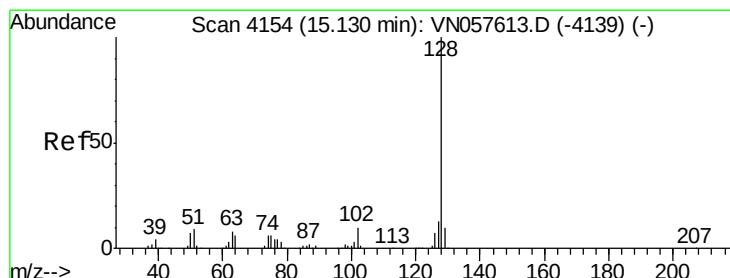
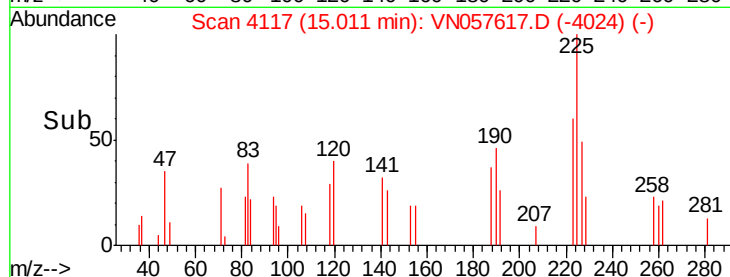
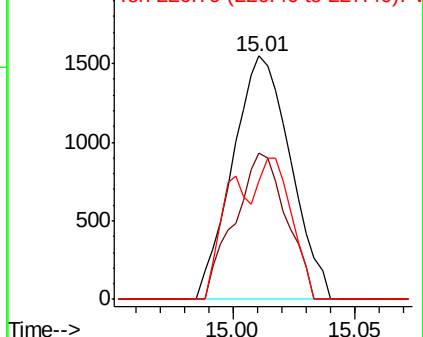


Abundance

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: 7.756 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN057617.D

Acq: 31 Aug 2019 16:08

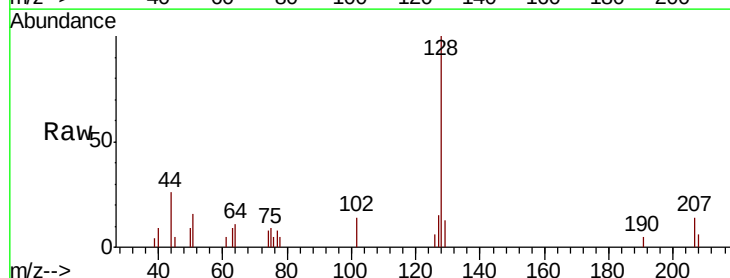
Tgt Ion:128 Resp: 6717

Ion Ratio Lower Upper

128 100

127 14.7 10.2 15.2

129 6.1 8.6 12.8#

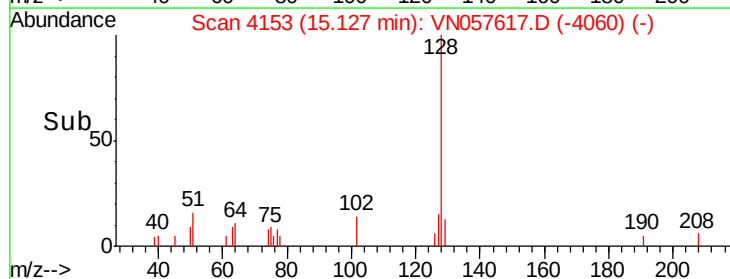
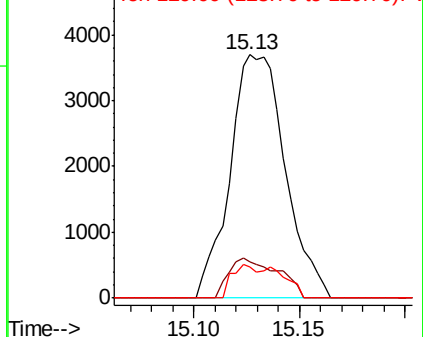


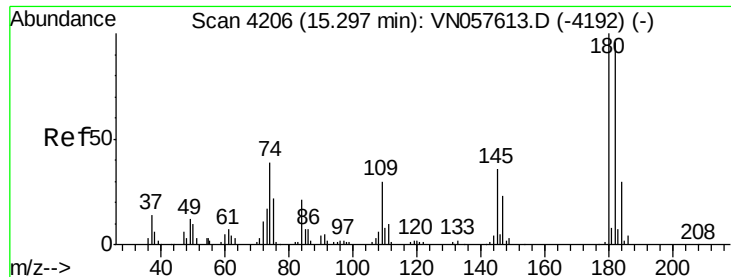
Abundance

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: 9.732 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. -0.00 min
 Lab File: VN057617.D
 Acq: 31 Aug 2019 16:08

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.3	138.9
145	28.2	17.8	53.3

