

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055009.D
 Acq On : 12 Apr 2019 19:45
 Operator : JC/SP
 Sample : K2376-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 13 03:43:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	549884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	888763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	735045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	234136	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	359999	52.17	ug/l	0.00
Spiked Amount			Recovery	=	104.34%	
35) Dibromofluoromethane	7.59	113	286457	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
50) Toluene-d8	10.09	98	1046326	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.40	95	303648	43.32	ug/l	0.00
Spiked Amount			Recovery	=	86.64%	

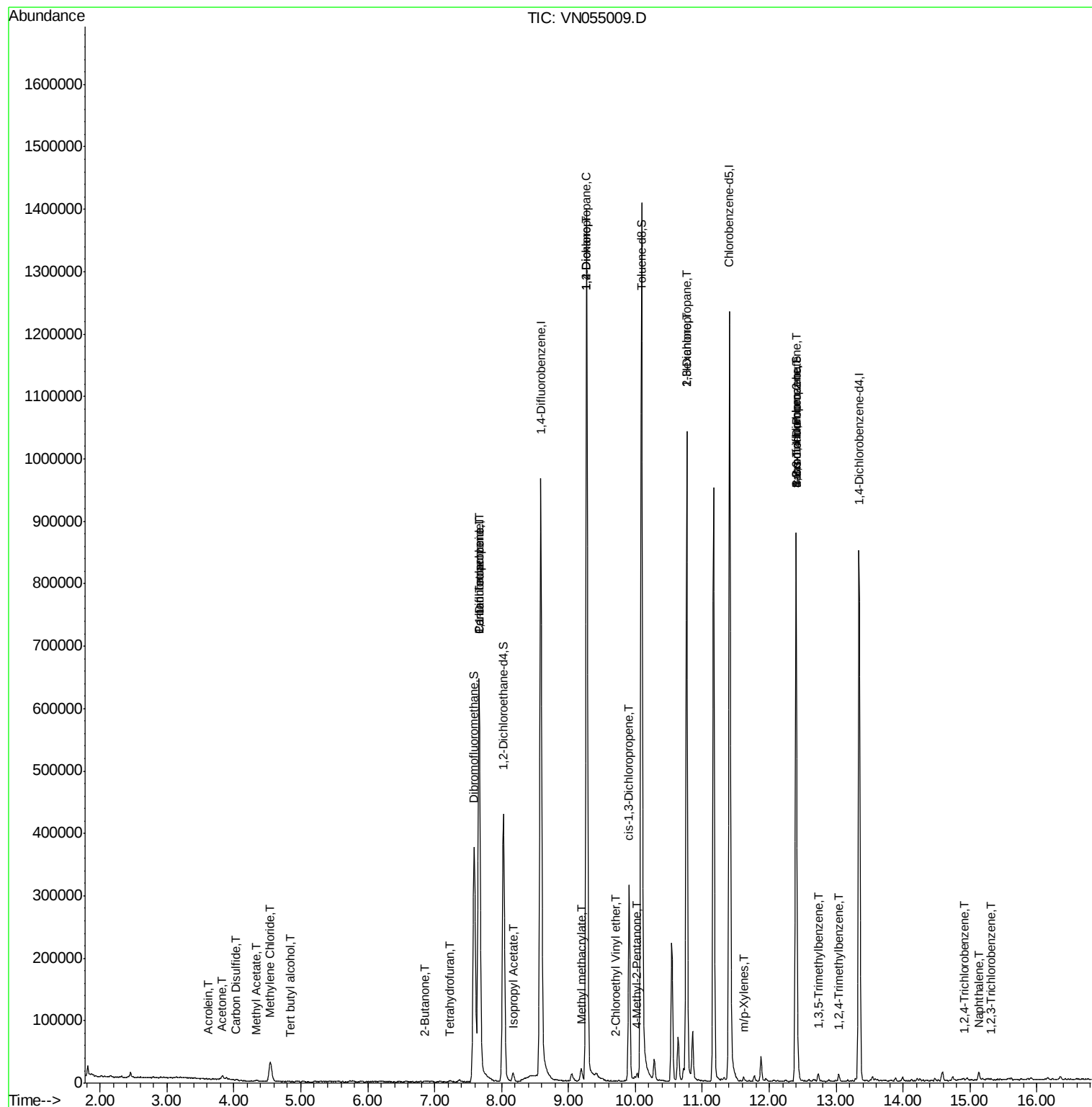
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.83	59	163	0.384	ug/l #	72
13) Acrolein	3.61	56	344	0.671	ug/l #	12
16) Acetone	3.82	43	8407	4.435	ug/l	98
17) Carbon Disulfide	4.04	76	3362	0.243	ug/l #	75
18) Methyl Acetate	4.34	43	2720	0.463	ug/l #	75
20) Methylene Chloride	4.55	84	21119	1.978	ug/l #	90
25) 2-Butanone	6.85	43	987	0.338	ug/l #	53
29) Tetrahydrofuran	7.23	42	1113	0.582	ug/l #	59
31) Cyclohexane	7.66	56	12017	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	41305	5.029	ug/l #	50
38) Carbon Tetrachloride	7.67	117	52487	6.788	ug/l #	16
43) Isopropyl Acetate	8.17	43	16253	1.541	ug/l	97
45) 1,2-Dichloropropane	9.27	63	1633	0.233	ug/l #	44
48) Methyl methacrylate	9.18	41	8729	1.607	ug/l #	17
49) 1,4-Dioxane	9.27	88	140	2.397	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	7883	1.277	ug/l #	39
54) cis-1,3-Dichloropropene	9.91	75	51983	5.707	ug/l #	66
57) 1,3-Dichloropropane	10.76	76	9448	1.001	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.71	63	69	18.223	ug/l #	50
59) 2-Hexanone	10.77	43	162567	42.138	ug/l #	54
68) m/p-Xylenes	11.62	106	1924	0.202	ug/l	88
71) Bromoform	12.41	173	1813	3.065	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	153041	35.529	ug/l #	100
77) Bromobenzene	12.53	156	194	Below Cal	#	45
80) 1,3,5-Trimethylbenzene	12.73	105	6075	0.375	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	153041	146.644	ug/l #	2
84) 1,2,4-Trimethylbenzene	13.04	105	7218	0.465	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	1012	3.776	ug/l #	75
94) Hexachlorobutadiene	15.01	225	278	Below Cal	#	65
95) Naphthalene	15.14	128	11704	5.861	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	981	0.282	ug/l #	88

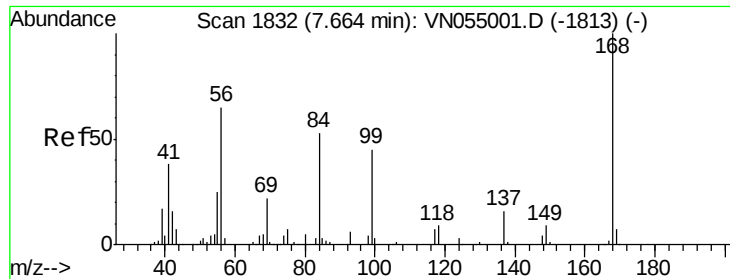
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Apr 13 03:34:24 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

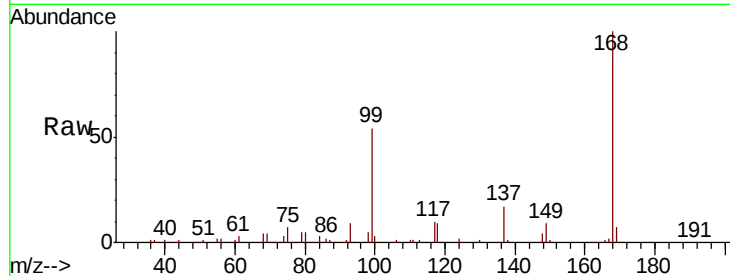
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 549884

Ion Ratio Lower Upper

168 100

99 54.1 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055001.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055001.D (-1813) (-)

7.67

250000

200000

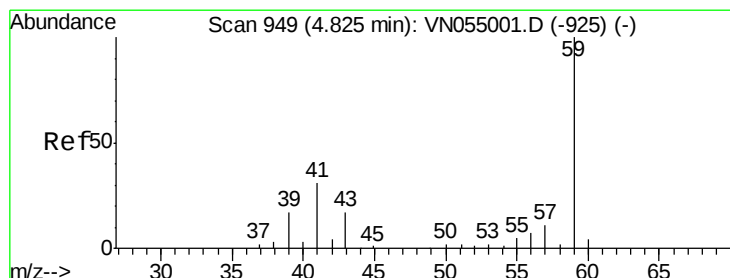
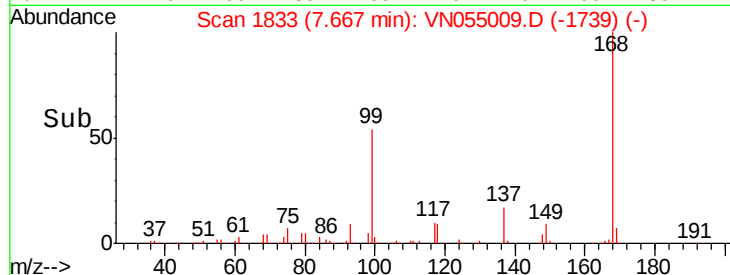
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#11

Tert butyl alcohol

Concen: 0.384 ug/l

RT: 4.83 min Scan# 952

Delta R.T. 0.01 min

Lab File: VN055009.D

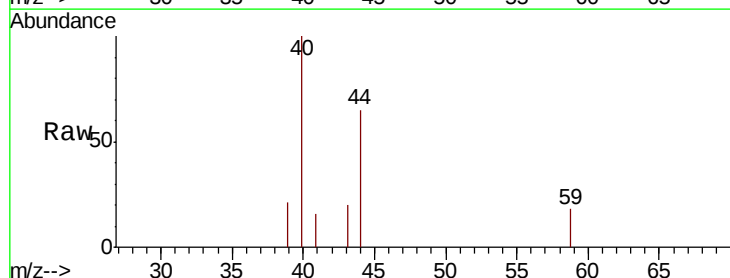
Acq: 12 Apr 2019 19:45

Tgt Ion: 59 Resp: 163

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN055001.D (-925) (-)

Ion 57.00 (56.70 to 57.70): VN055001.D (-925) (-)

4.83

250

200

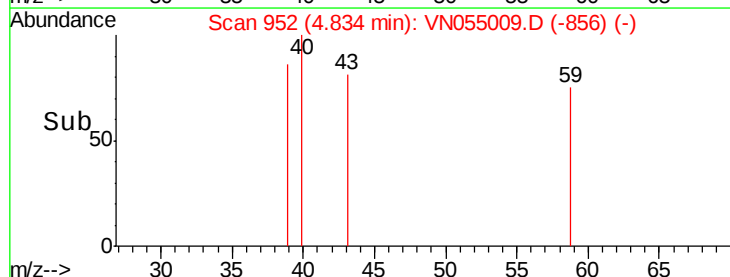
150

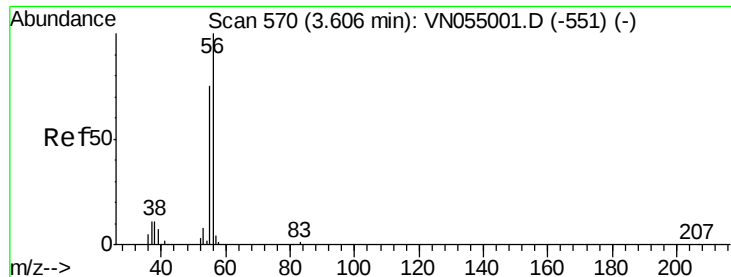
100

50

0

Time--> 4.82 4.83 4.84 4.85





#13

Acrolein

Concen: 0.671 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

Instrument :

MSVOA_N

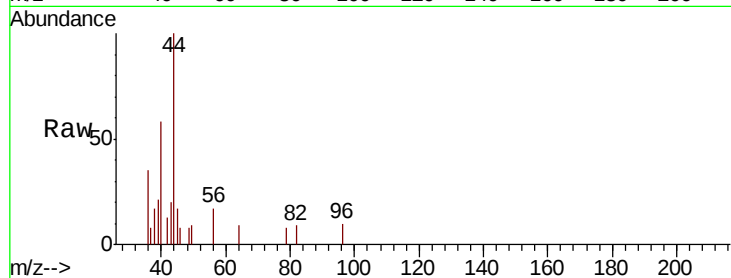
ClientSampled :

Tot Ion: 56 Resp: 344

Ion Ratio Lower Upper

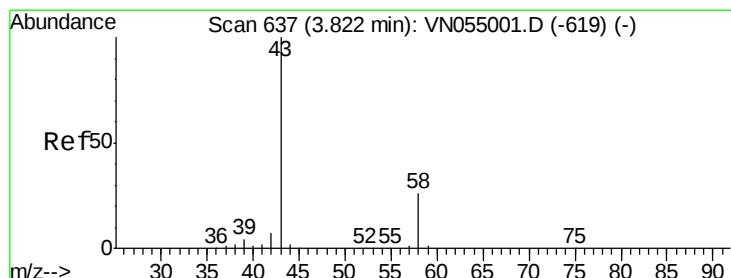
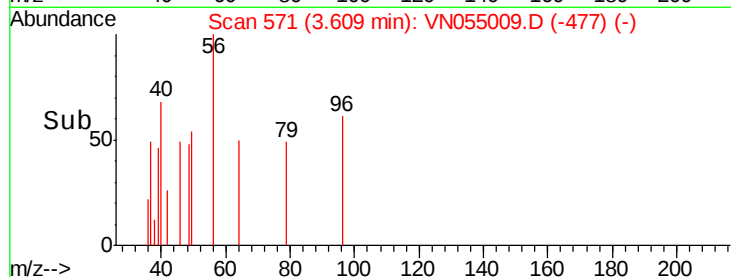
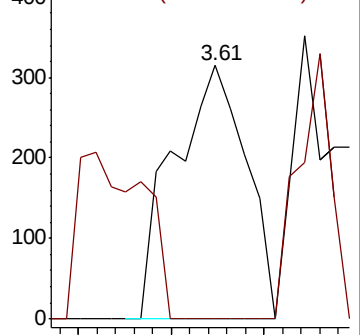
56 100

55 0.0 59.5 89.3#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 4.435 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055009.D

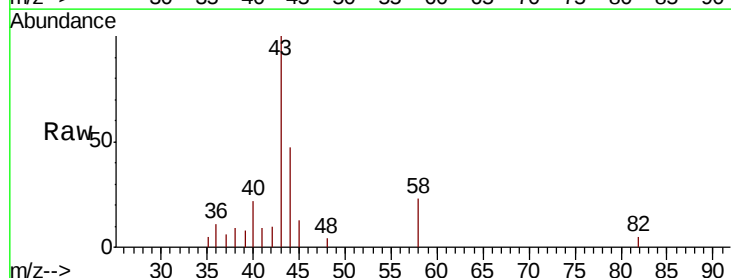
Acq: 12 Apr 2019 19:45

Tgt Ion: 43 Resp: 8407

Ion Ratio Lower Upper

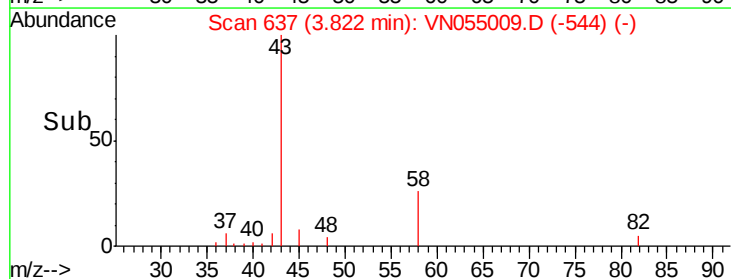
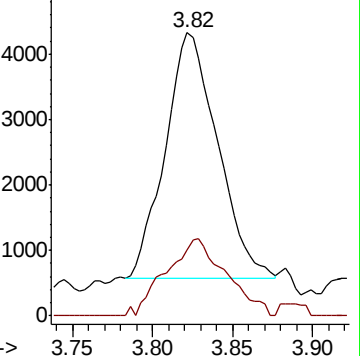
43 100

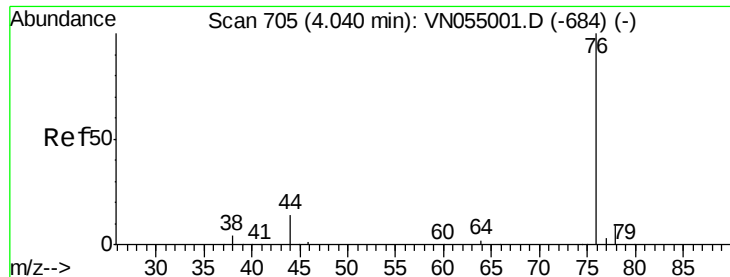
58 26.9 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.243 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

Instrument :

MSVOA_N

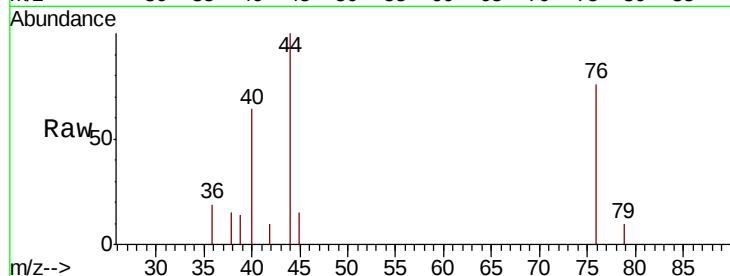
ClientSampled :

Tot Ion: 76 Resp: 3362

Ion Ratio Lower Upper

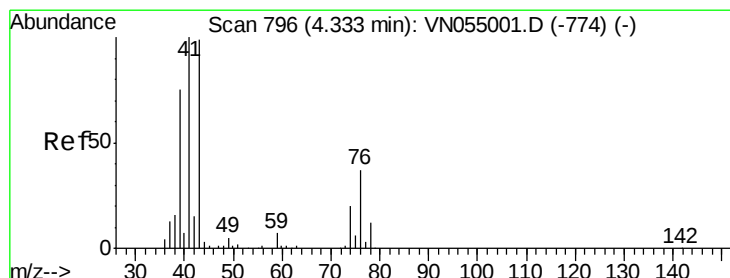
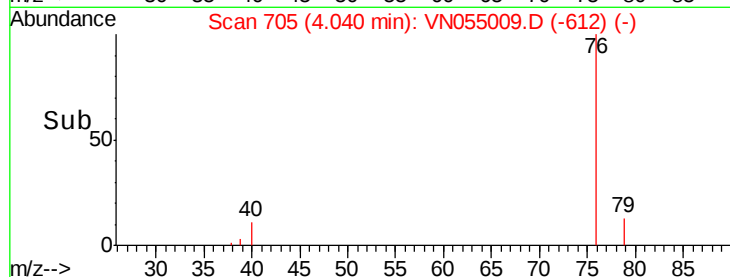
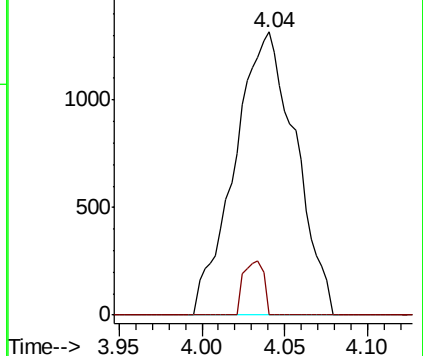
76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.463 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN055009.D

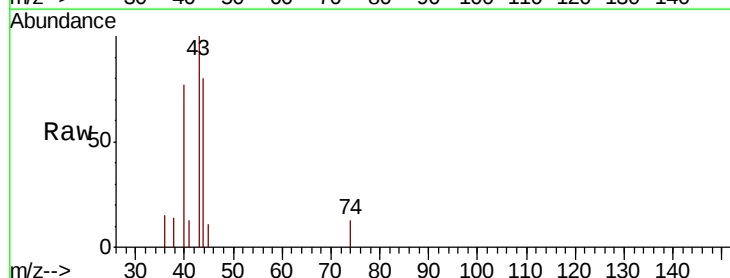
Acq: 12 Apr 2019 19:45

Tgt Ion: 43 Resp: 2720

Ion Ratio Lower Upper

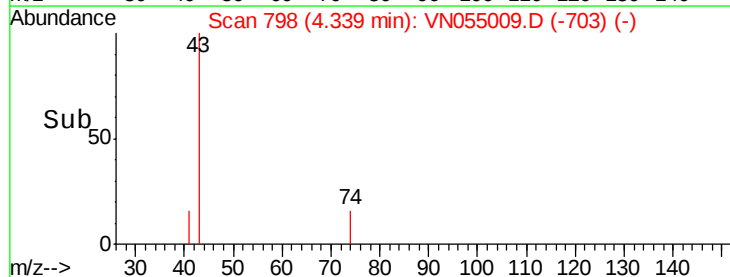
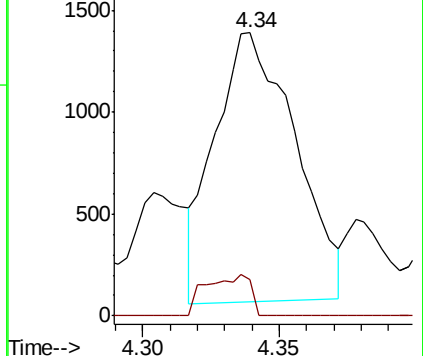
43 100

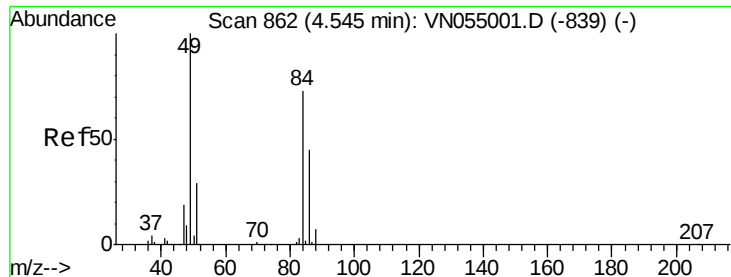
74 8.4 16.1 24.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methvlene Chloride

Concen: 1.978 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 21119

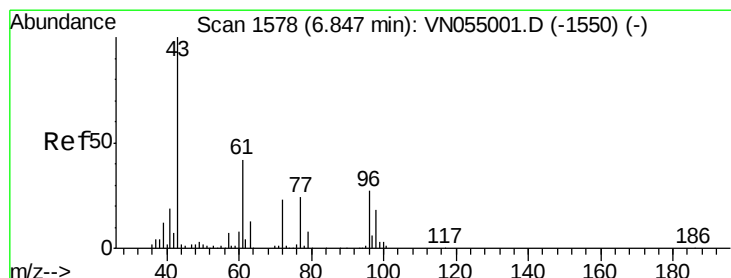
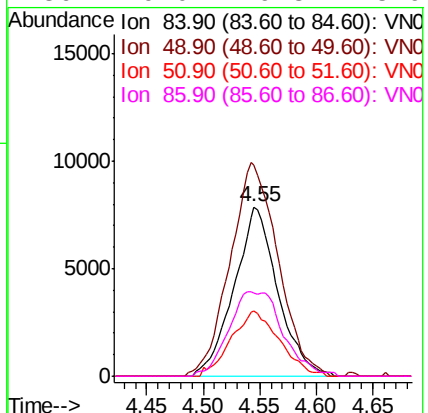
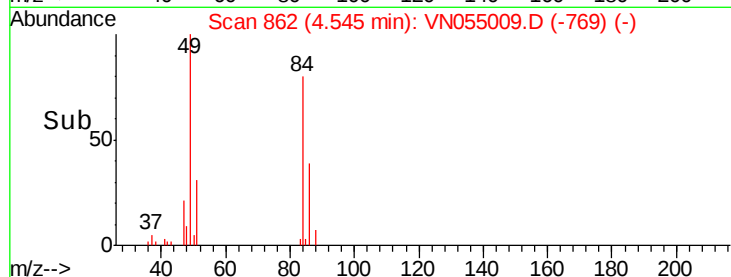
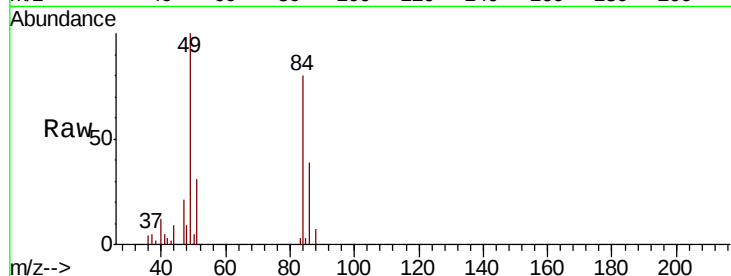
Ion Ratio Lower Upper

84 100

49 125.1 109.4 164.2

51 38.8 32.2 48.4

86 49.0 49.3 73.9#



#25

2-Butanone

Concen: 0.338 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN055009.D

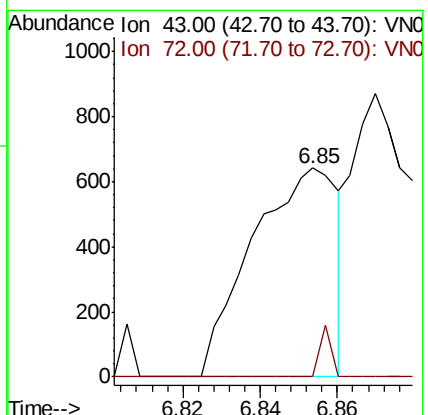
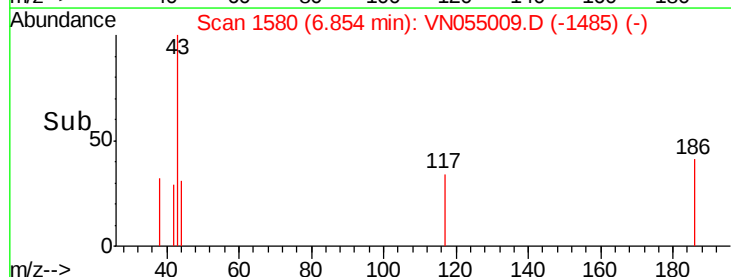
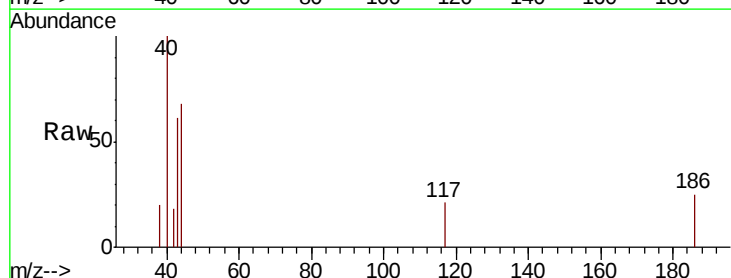
Acq: 12 Apr 2019 19:45

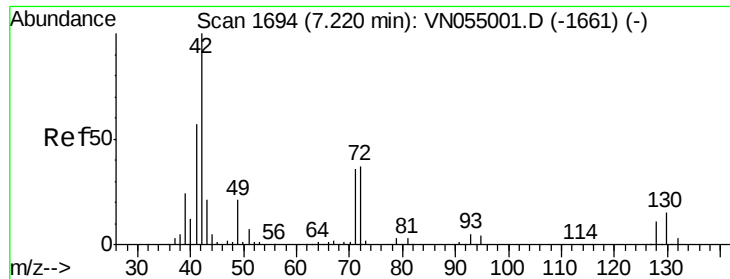
Tgt Ion: 43 Resp: 987

Ion Ratio Lower Upper

43 100

72 0.0 18.1 27.1#

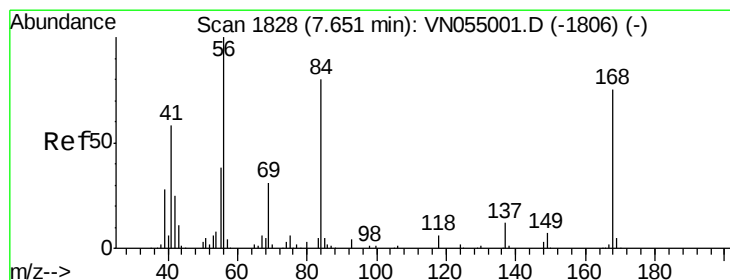
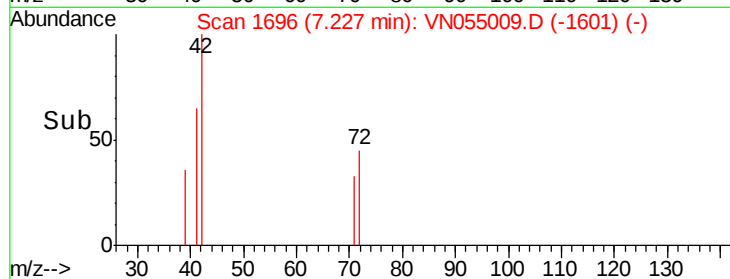
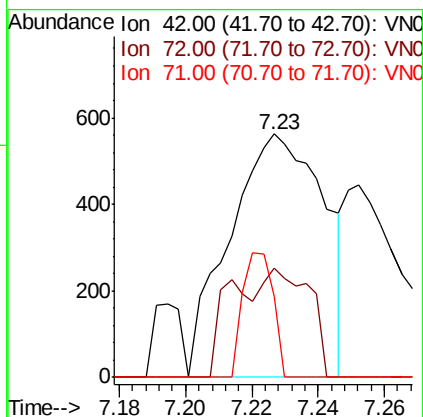
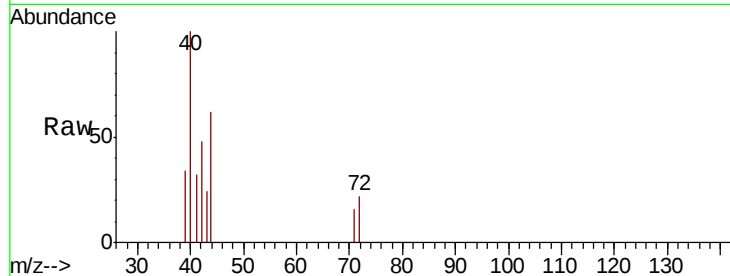




#29
Tetrahydrofuran
Concen: 0.582 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN055009.D
Acq: 12 Apr 2019 19:45

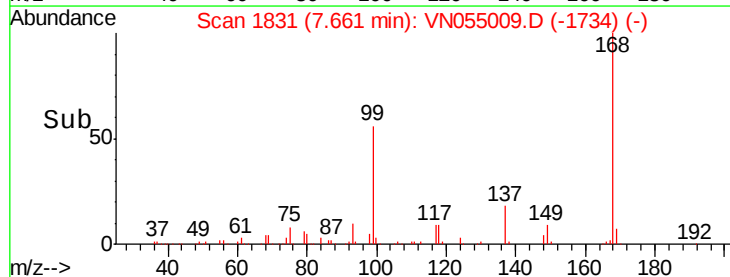
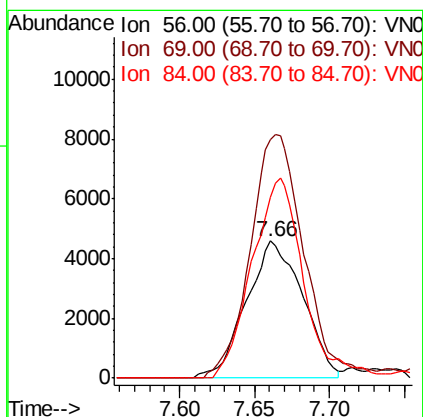
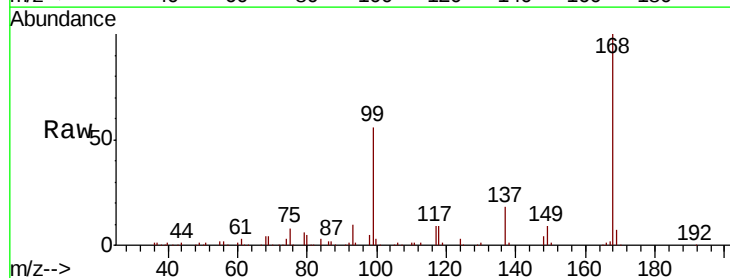
Instrument :
MSVOA_N
ClientSampleId :

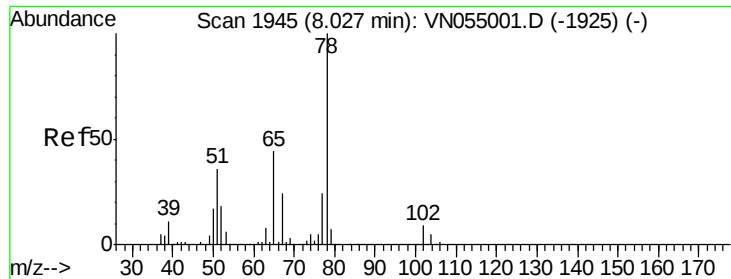
Tot Ion: 42 Resp: 1113
Ion Ratio Lower Upper
42 100
72 22.9 29.4 44.0#
71 0.0 27.8 41.6#



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN055009.D
Acq: 12 Apr 2019 19:45

Tgt Ion: 56 Resp: 12017
Ion Ratio Lower Upper
56 100
69 173.8 24.5 36.7#
84 132.1 62.9 94.3#

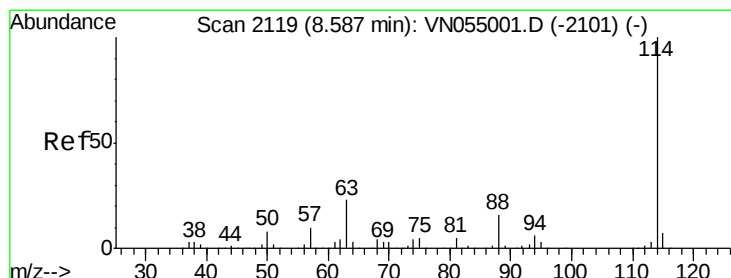
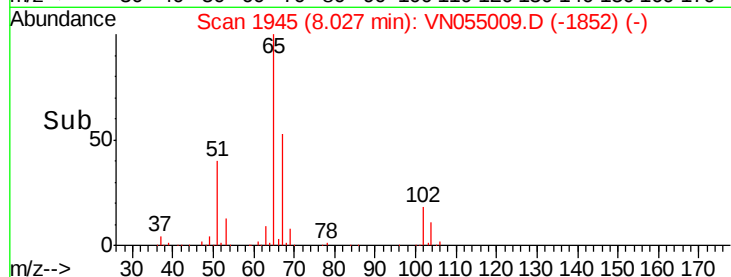
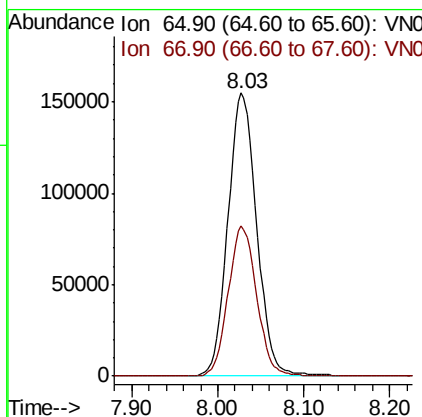
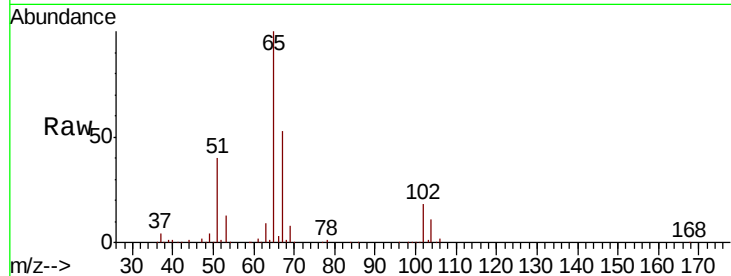




#33
 1,2-Dichloroethane-d4
 Concen: 52.168 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055009.D
 Acq: 12 Apr 2019 19:45

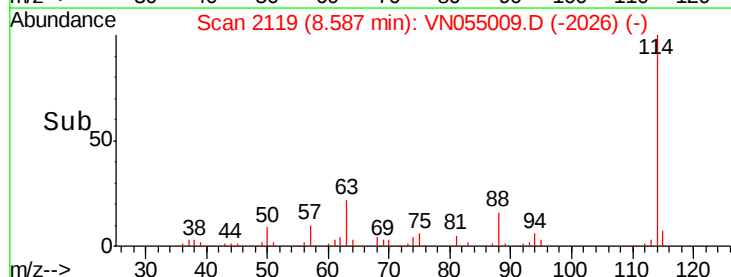
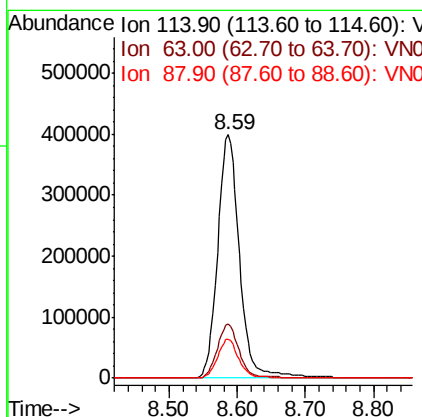
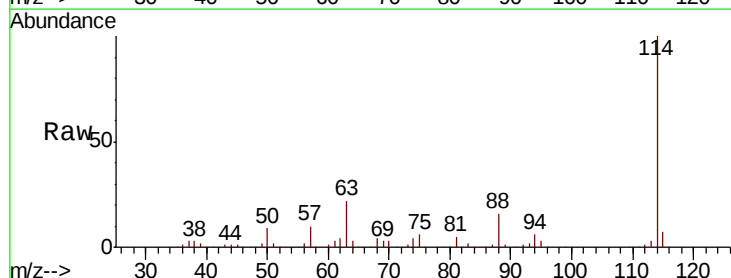
Instrument :
 MSVOA_N
 ClientSampleId :

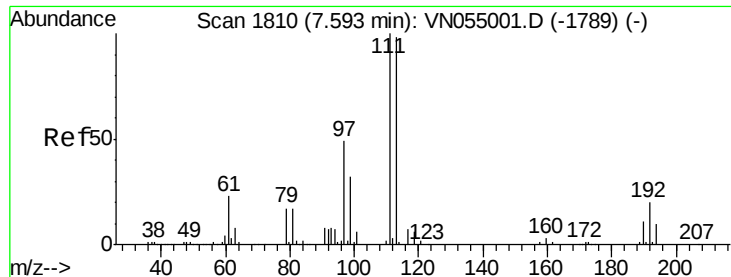
Tot Ion: 65 Resp: 359999
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055009.D
 Acq: 12 Apr 2019 19:45

Tgt Ion: 114 Resp: 888763
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.2
 88 16.1 0.0 31.8

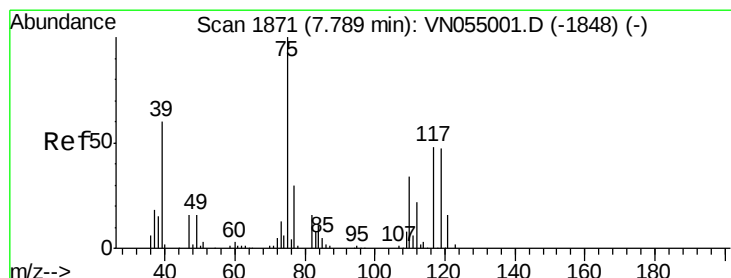
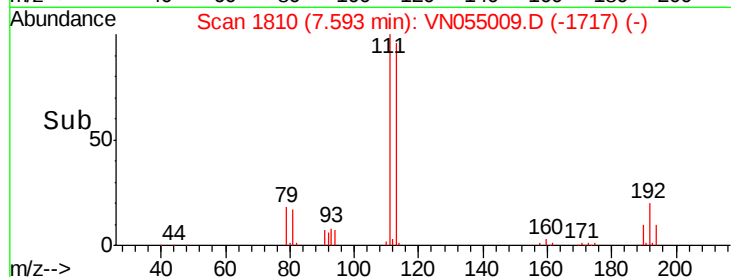
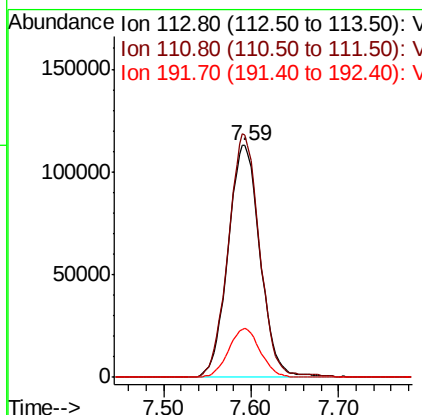
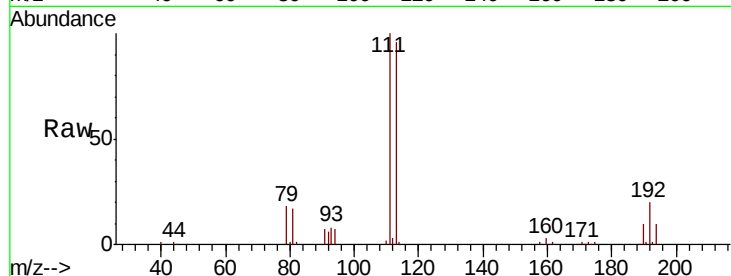




#35
 Dibromofluoromethane
 Concen: 50.561 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055009.D
 Acq: 12 Apr 2019 19:45

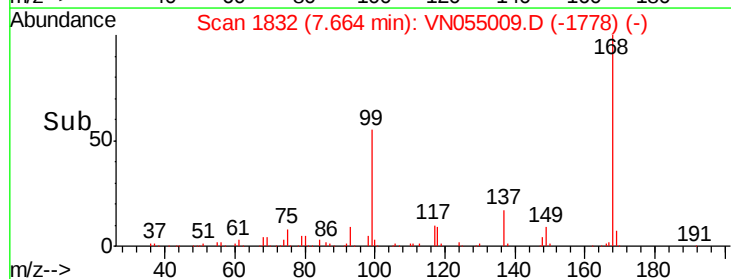
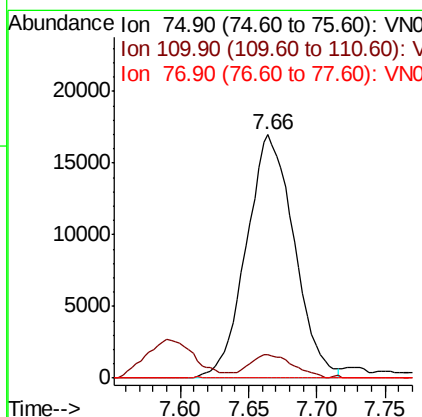
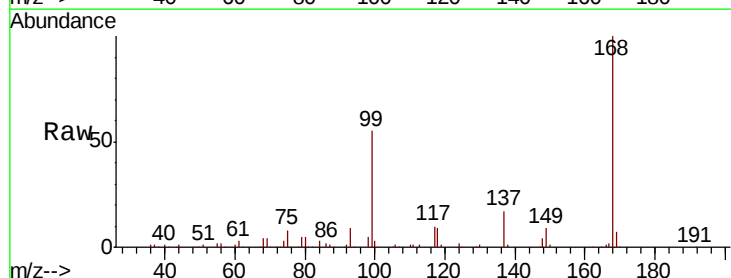
Instrument :
 MSVOA_N
 ClientSampleId :

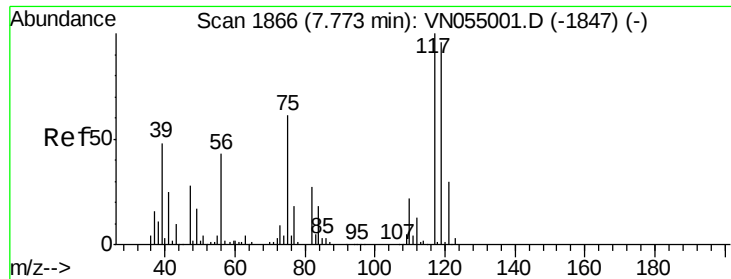
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.1	123.1
192	21.0	16.5	24.7



#36
 1,1-Dichloropropene
 Concen: 5.029 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055009.D
 Acq: 12 Apr 2019 19:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.5	52.5#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.788 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

Instrument :

MSVOA_N

ClientSampled :

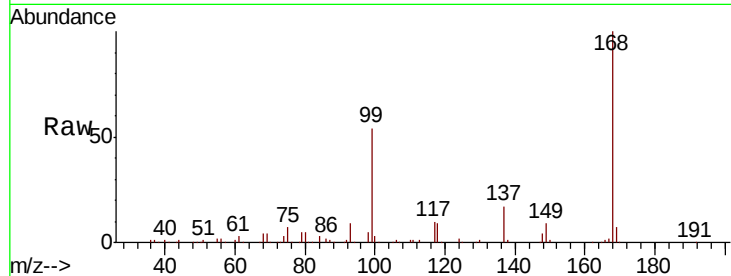
Tot Ion:117 Resp: 52487

Ion Ratio Lower Upper

117 100

119 5.1 76.3 114.5#

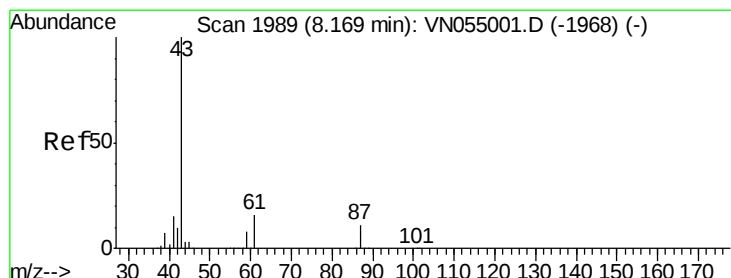
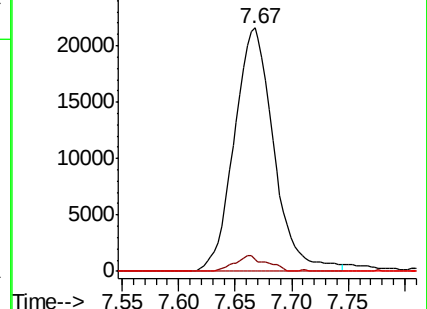
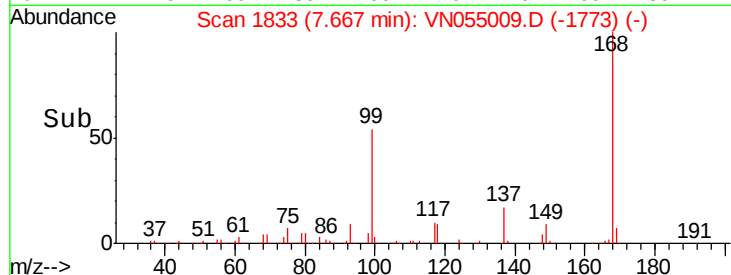
121 0.0 23.9 35.9#



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: 1.541 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

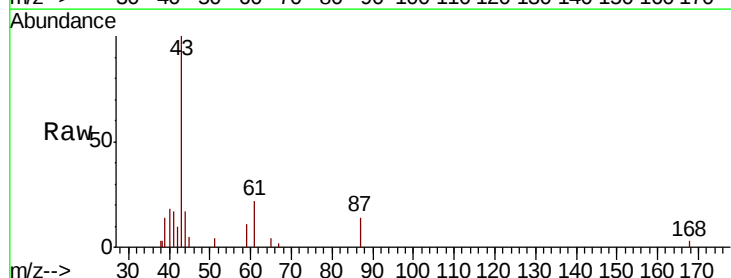
Tgt Ion: 43 Resp: 16253

Ion Ratio Lower Upper

43 100

61 19.6 14.3 21.5

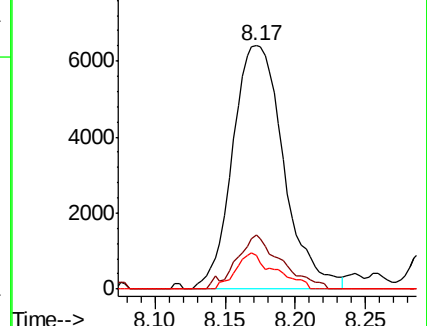
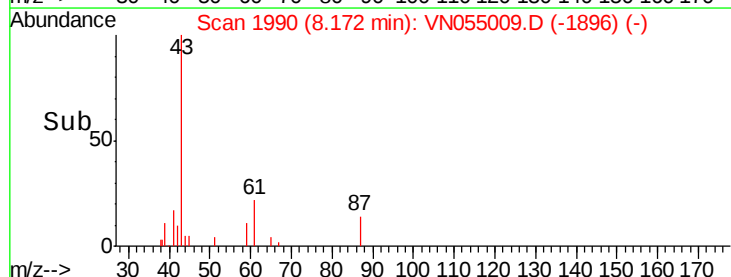
87 11.5 8.6 13.0

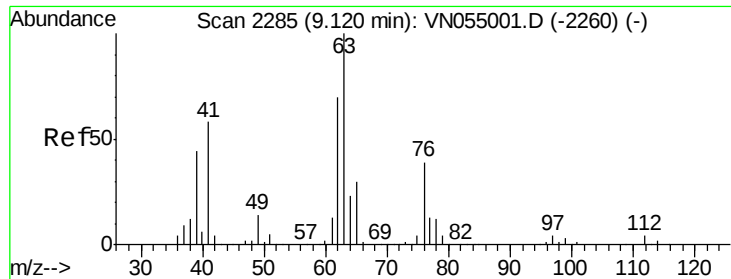


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

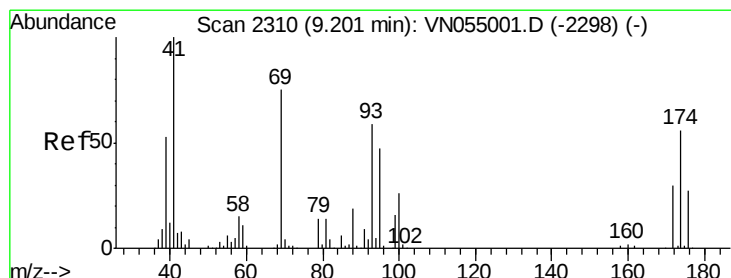
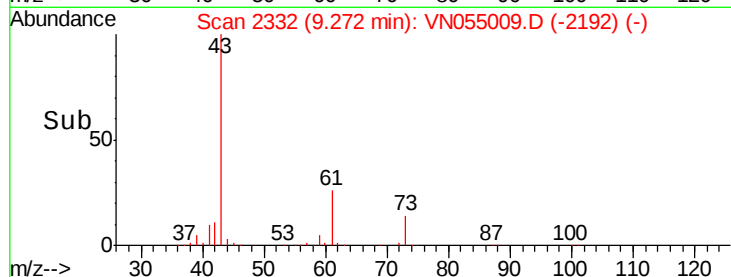
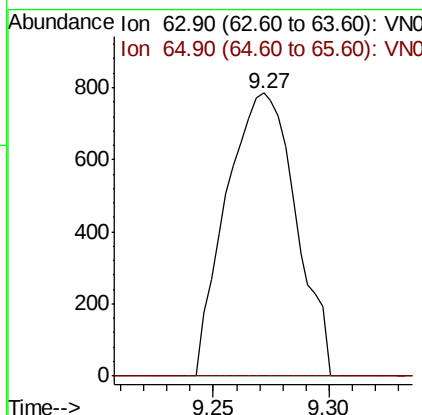
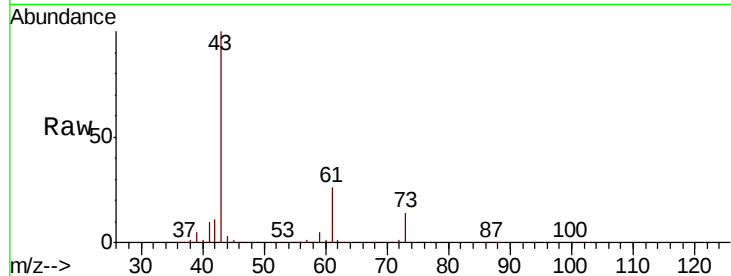




#45
 1,2-Dichloropropane
 Concen: 0.233 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN055009.D
 Acq: 12 Apr 2019 19:45

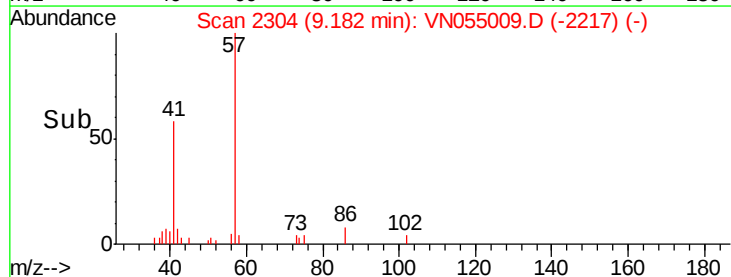
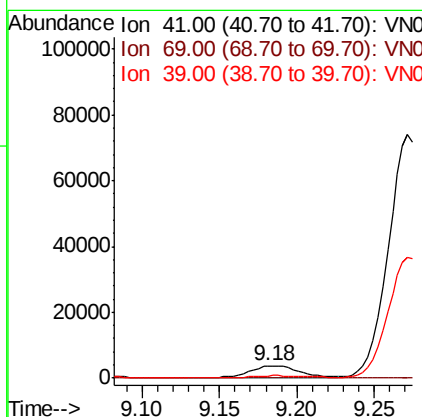
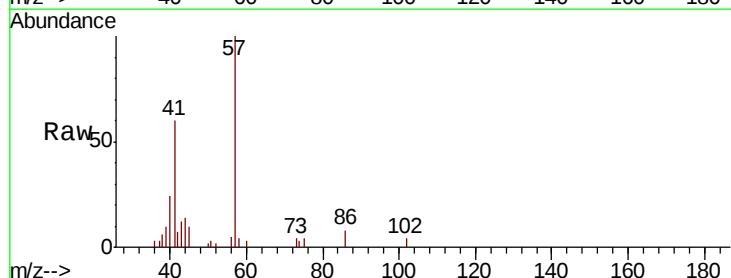
Instrument :
 MSVOA_N
 ClientSampleId :

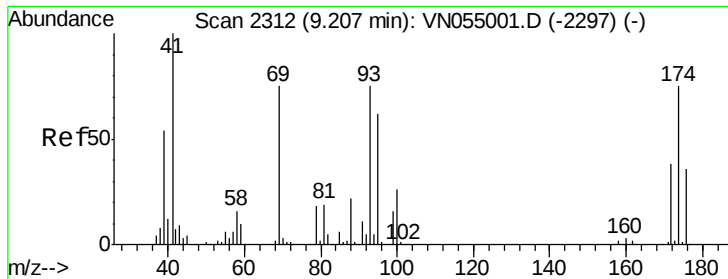
Tot Ion: 63 Resp: 1633
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.4 36.6#



#48
 Methyl methacrylate
 Concen: 1.607 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN055009.D
 Acq: 12 Apr 2019 19:45

Tgt Ion: 41 Resp: 8729
 Ion Ratio Lower Upper
 41 100
 69 0.0 60.5 90.7#
 39 0.0 43.9 65.9#





#49

1,4-Dioxane

Concen: 2.397 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.06 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

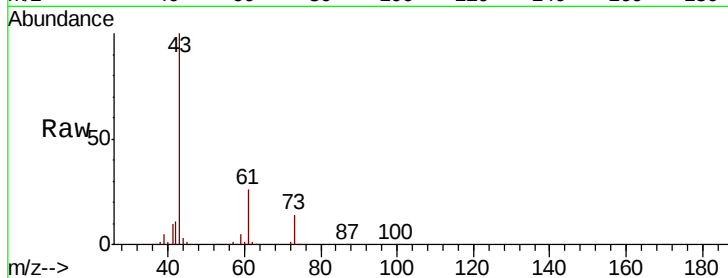
Tot Ion: 88 Resp: 140

Ion Ratio Lower Upper

88 100

43 1037048.6 31.8 47.8#

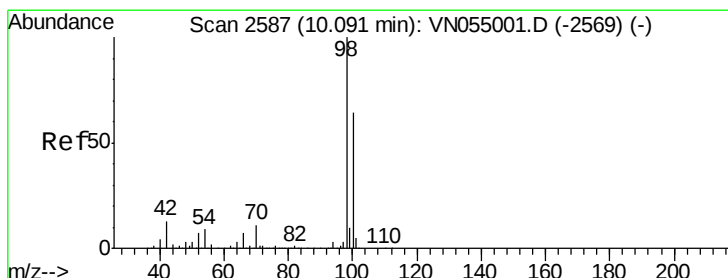
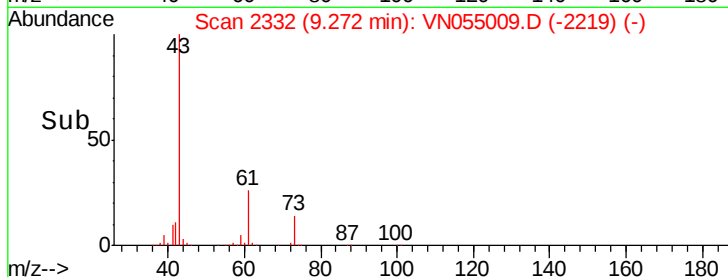
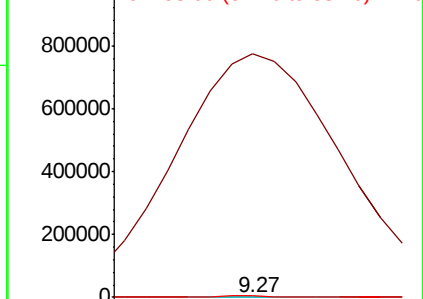
58 4660.0 61.6 92.4#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.282 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055009.D

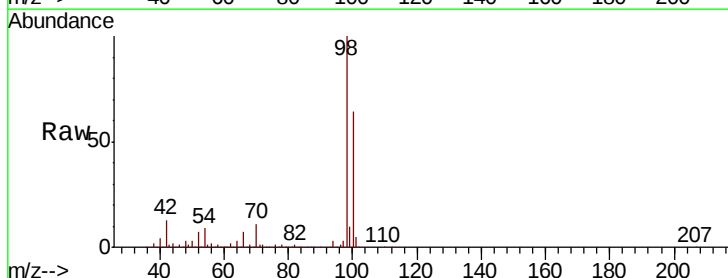
Acq: 12 Apr 2019 19:45

Tgt Ion: 98 Resp: 1046326

Ion Ratio Lower Upper

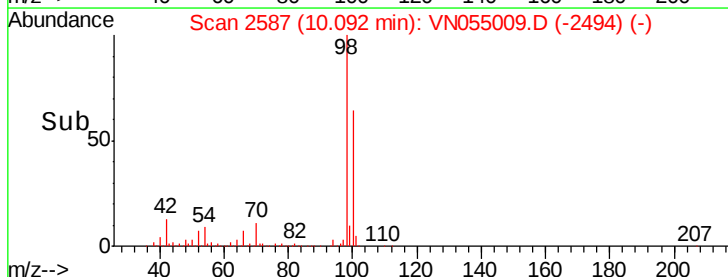
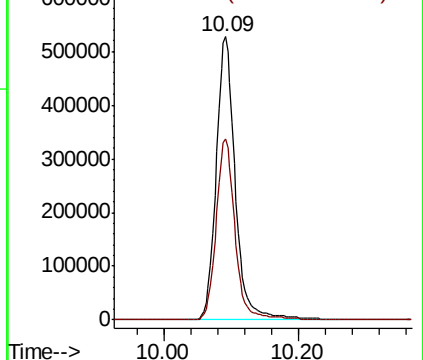
98 100

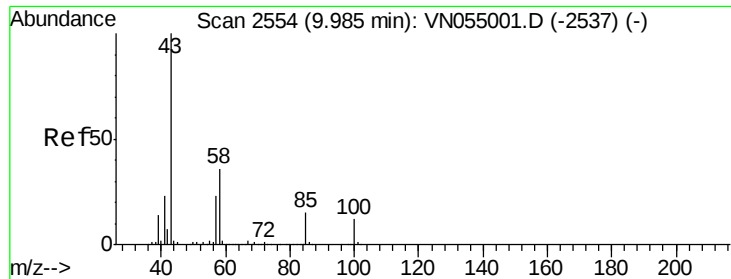
100 63.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.277 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

Instrument :

MSVOA_N

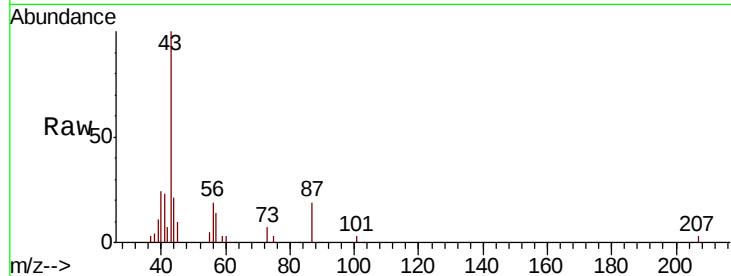
ClientSampleId :

Tot Ion: 43 Resp: 7883

Ion Ratio Lower Upper

43 100

58 0.0 29.0 43.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

6000

5000

4000

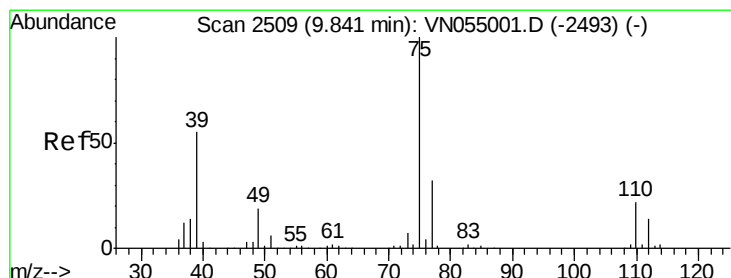
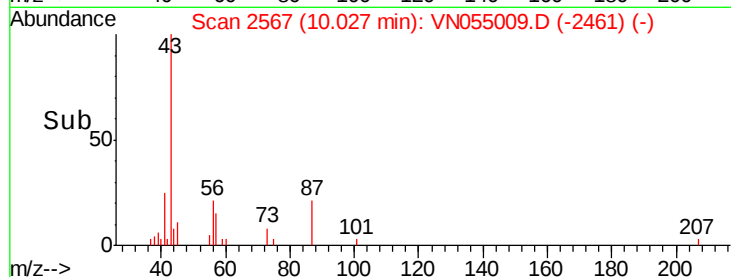
3000

2000

1000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.707 ug/l

RT: 9.91 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

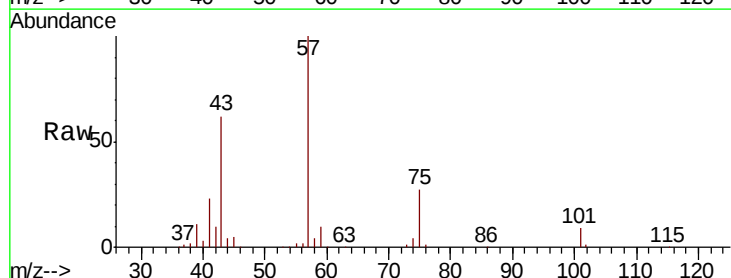
Tgt Ion: 75 Resp: 51983

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

39 40.0 43.8 65.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

40000

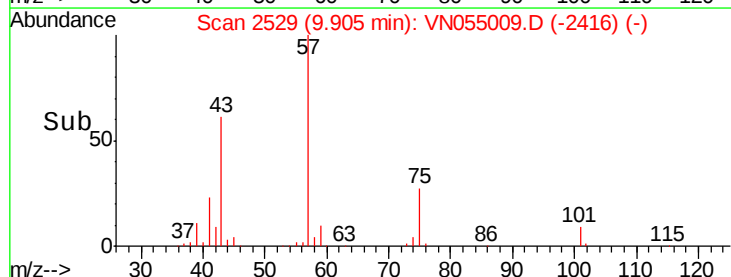
30000

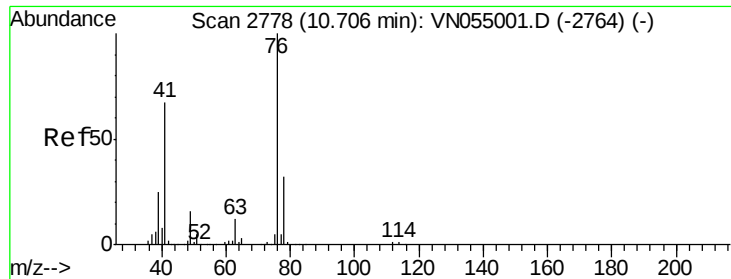
20000

10000

0

Time-->





#57

1,3-Dichloropropane

Concen: 1.001 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

Instrument :

MSVOA_N

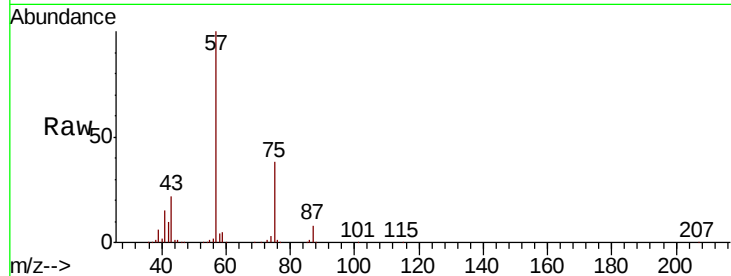
ClientSampled :

Tot Ion: 76 Resp: 9448

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.76

6000

5000

4000

3000

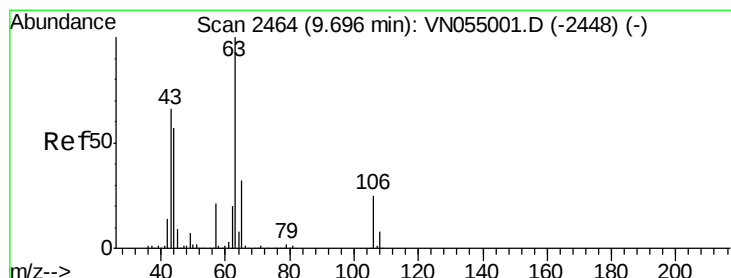
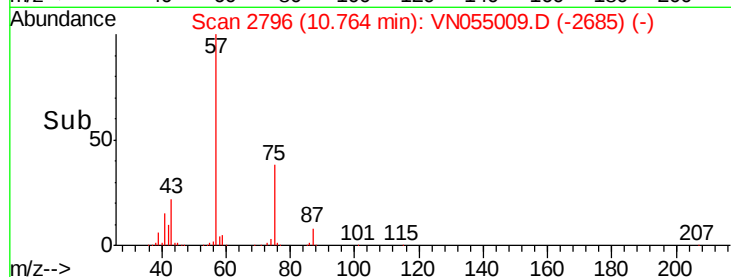
2000

1000

0

Time-->

10.70 10.75 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 18.223 ug/l

RT: 9.71 min Scan# 2469

Delta R.T. 0.02 min

Lab File: VN055009.D

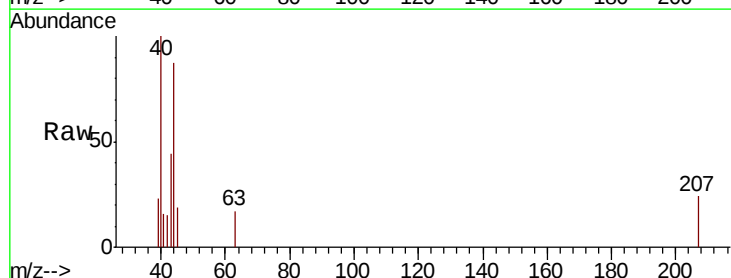
Acq: 12 Apr 2019 19:45

Tgt Ion: 63 Resp: 69

Ion Ratio Lower Upper

63 100

106 0.0 20.0 30.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.71

200

150

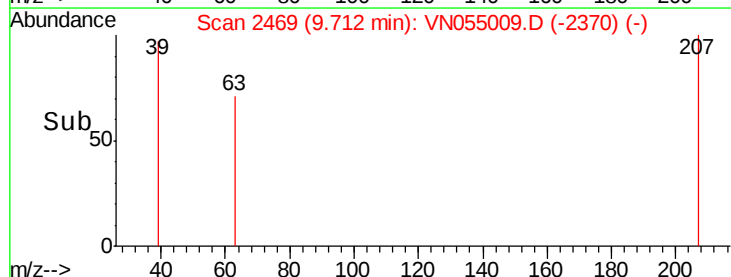
100

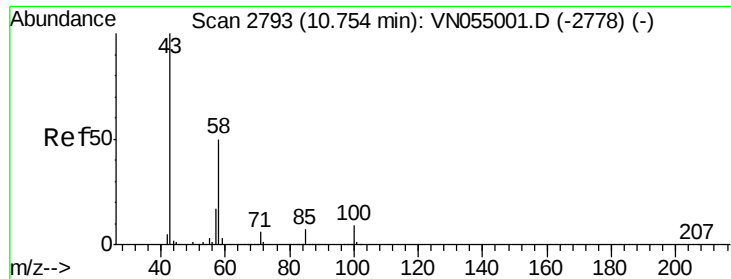
50

0

Time-->

9.70 9.71 9.72





#59

2-Hexanone

Concen: 42.138 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

Instrument :

MSVOA_N

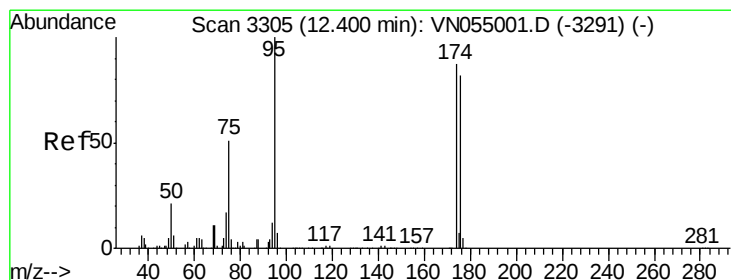
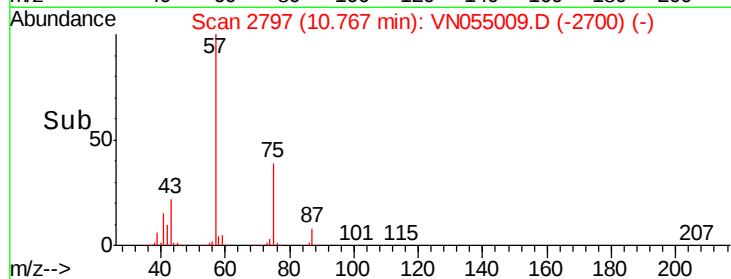
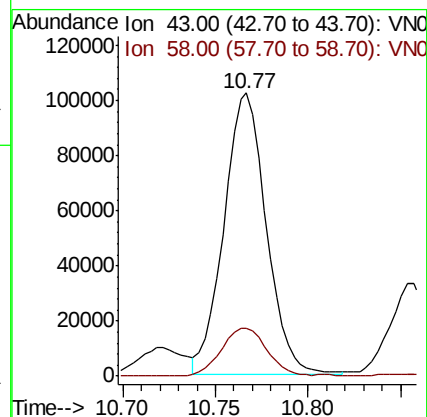
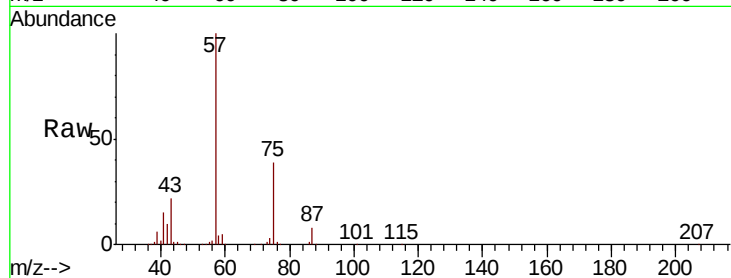
ClientSampled :

Tot Ion: 43 Resp: 162567

Ion Ratio Lower Upper

43 100

58 18.6 25.1 75.2#



#62

4-Bromofluorobenzene

Concen: 43.320 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

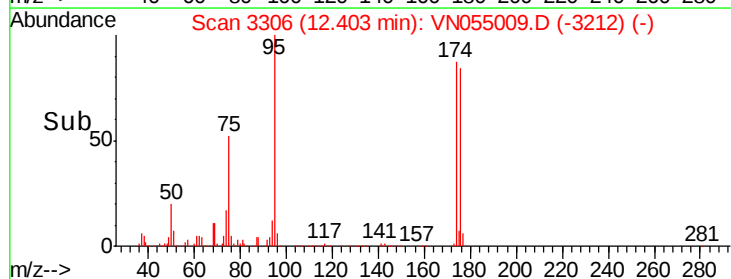
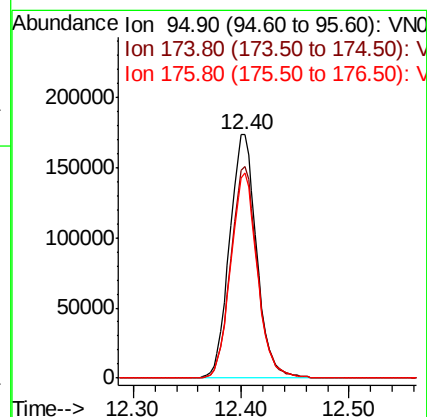
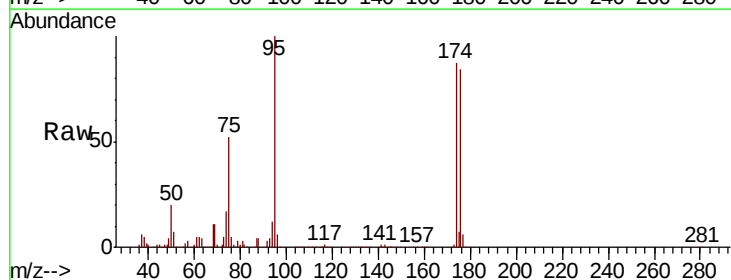
Tgt Ion: 95 Resp: 303648

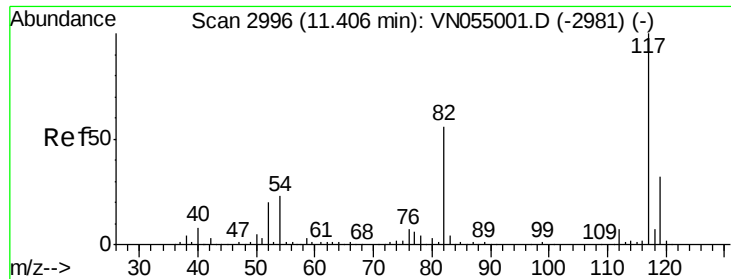
Ion Ratio Lower Upper

95 100

174 85.4 0.0 174.4

176 82.6 0.0 166.8

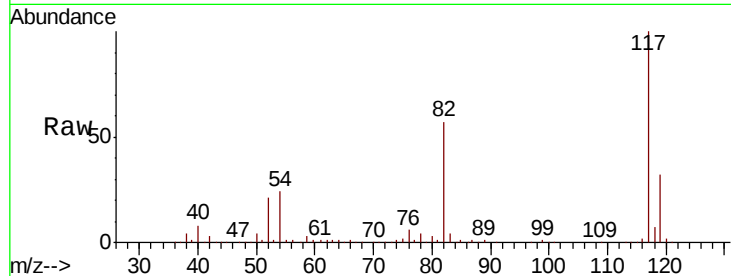




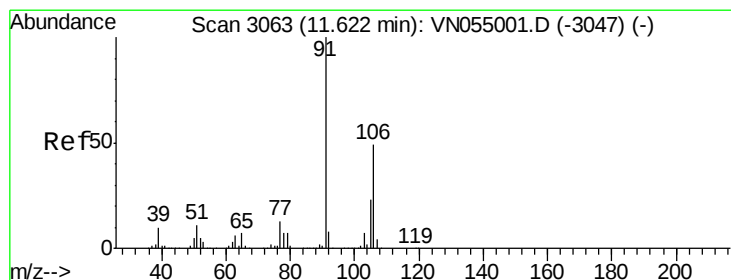
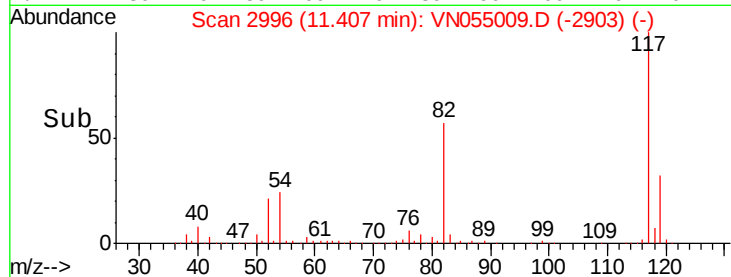
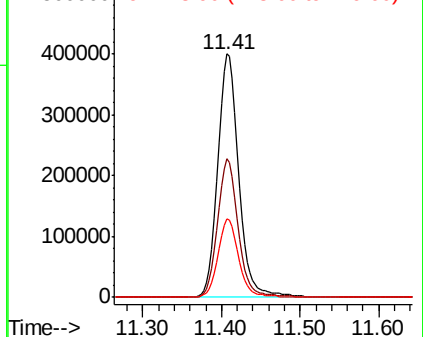
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055009.D
Acq: 12 Apr 2019 19:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 735045
Ion Ratio Lower Upper
117 100
82 56.7 44.6 66.8
119 32.3 25.5 38.3

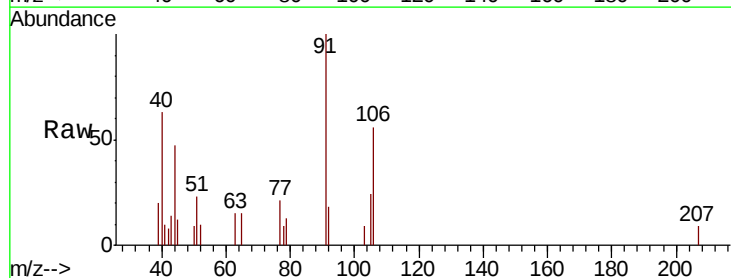


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

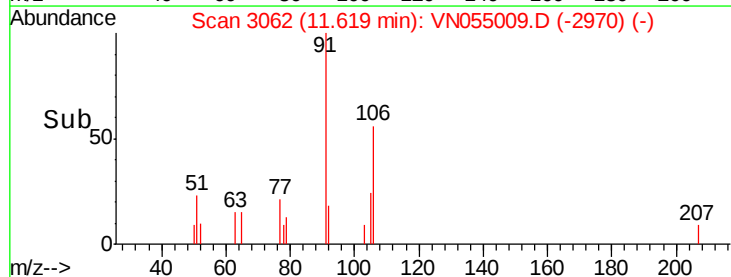
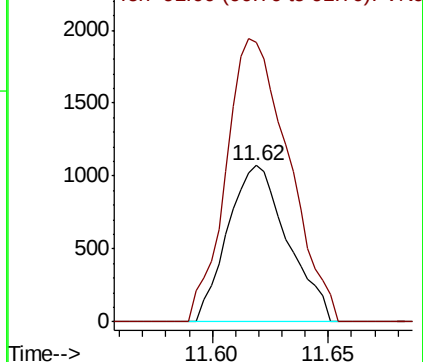


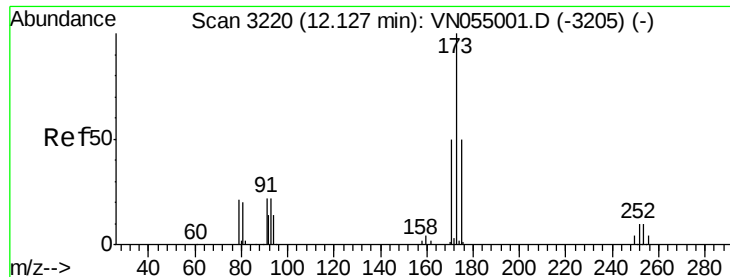
#68
m/p-Xylenes
Concen: 0.202 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055009.D
Acq: 12 Apr 2019 19:45

Tgt Ion:106 Resp: 1924
Ion Ratio Lower Upper
106 100
91 189.1 165.9 248.9



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





#71

Bromoform

Concen: 3.065 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

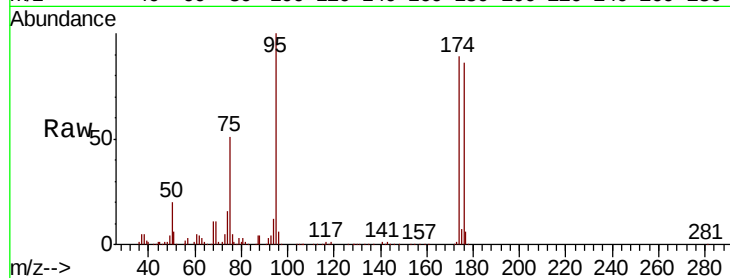
Tot Ion:173 Resp: 1813

Ion Ratio Lower Upper

173 100

175 916.4 24.3 73.0#

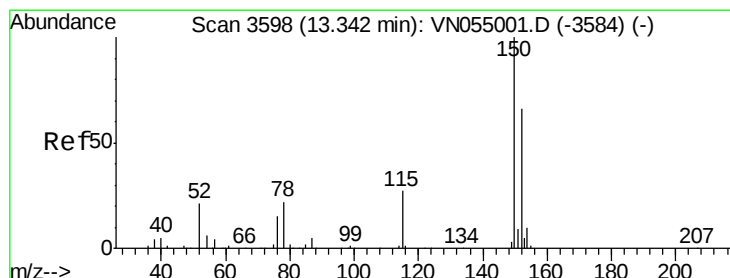
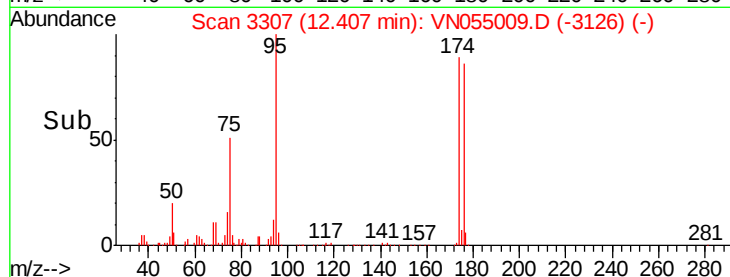
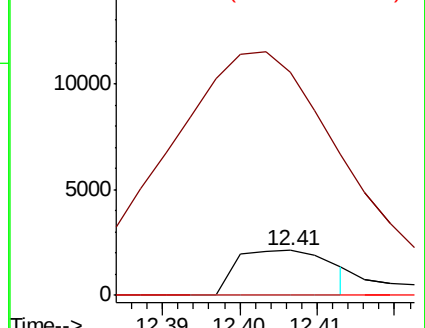
254 0.0 0.1 0.1#



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: VN055009.D

Acq: 12 Apr 2019 19:45

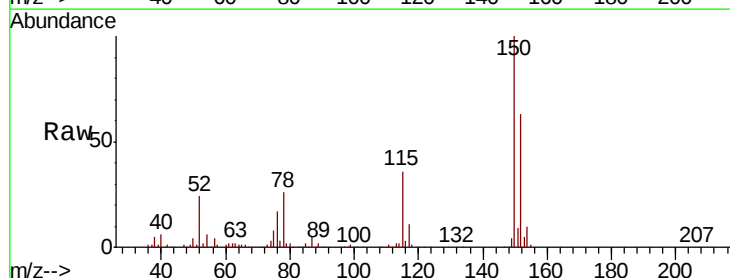
Tgt Ion:152 Resp: 234136

Ion Ratio Lower Upper

152 100

115 57.9 28.5 85.6

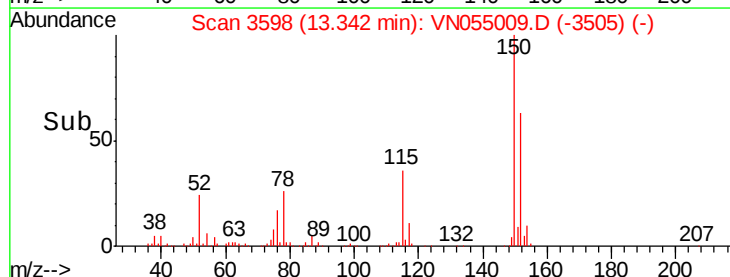
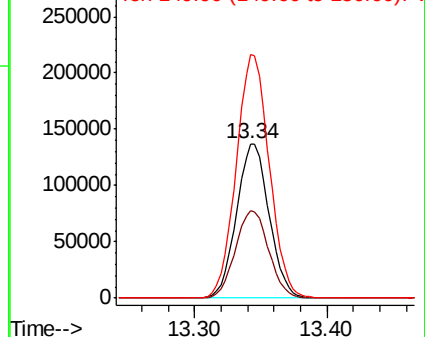
150 159.8 0.0 347.2

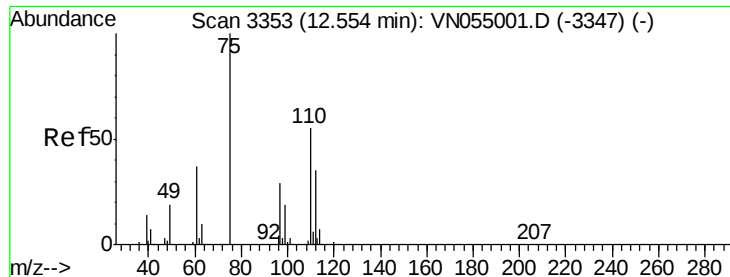


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 35.529 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

Instrument :

MSVOA_N

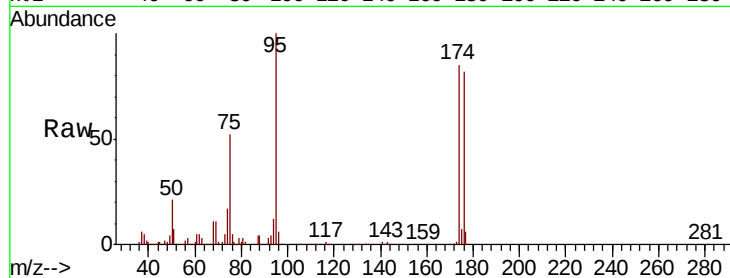
ClientSampled :

Tot Ion: 75 Resp: 153041

Ion Ratio Lower Upper

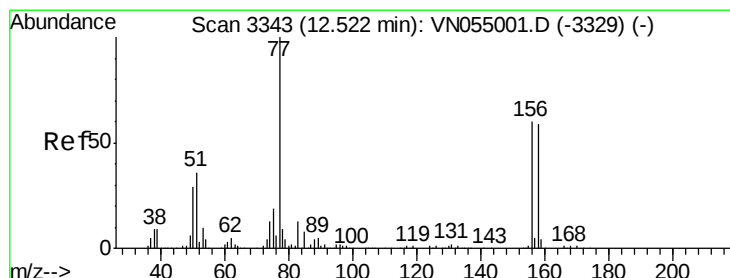
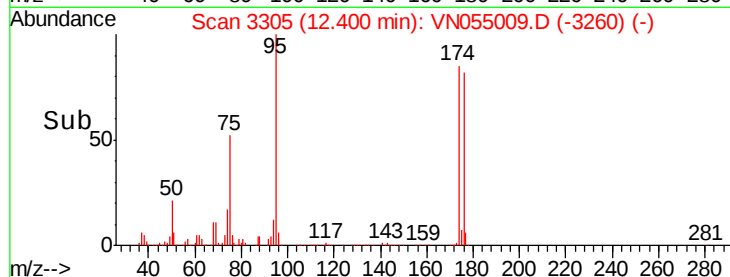
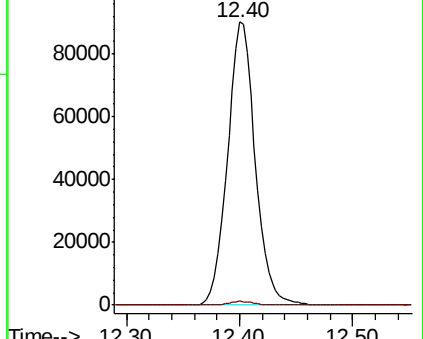
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN055001.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN055001.D (-3347) (-)



#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3346

Delta R.T. 0.01 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

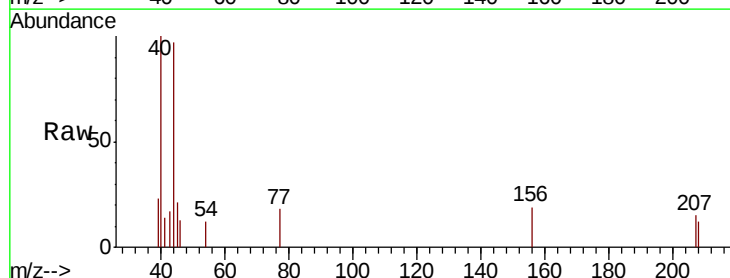
Tgt Ion: 156 Resp: 194

Ion Ratio Lower Upper

156 100

77 144.8 97.2 291.5

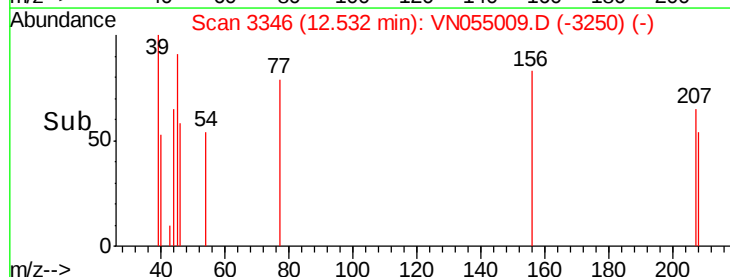
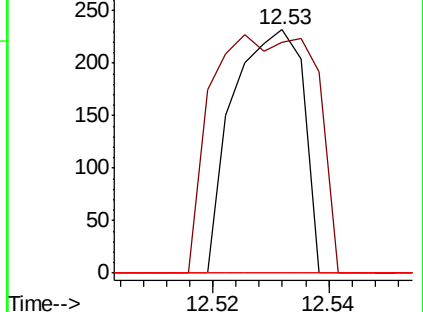
158 0.0 48.6 145.9#

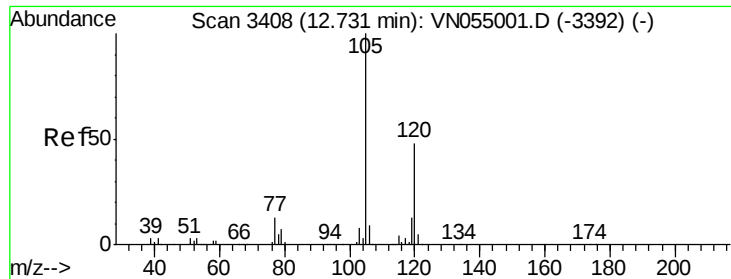


Abundance Ion 155.80 (155.50 to 156.50): VN055001.D (-3329) (-)

Ion 77.00 (76.70 to 77.70): VN055001.D (-3329) (-)

Ion 157.80 (157.50 to 158.50): VN055001.D (-3329) (-)





#80

1,3,5-Trimethylbenzene

Concen: 0.375 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

Instrument :

MSVOA_N

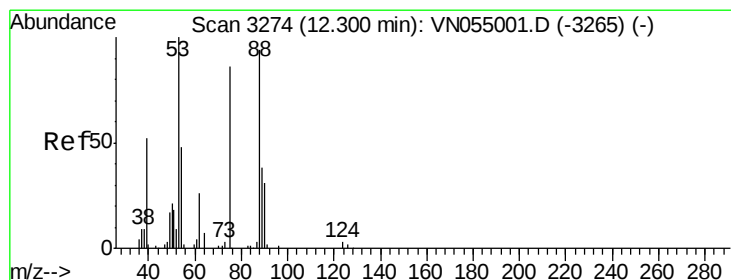
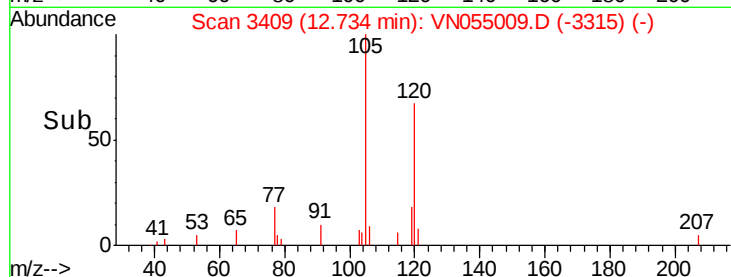
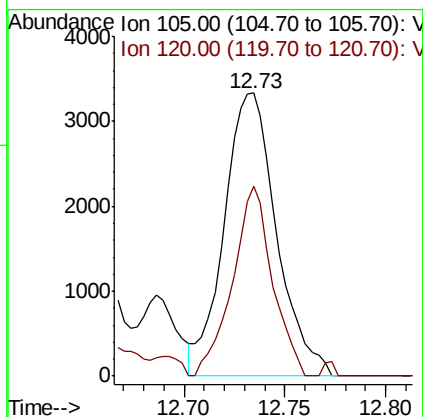
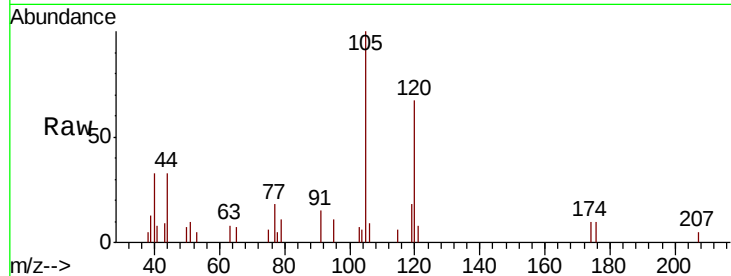
ClientSampleId :

Tot Ion:105 Resp: 6075

Ion Ratio Lower Upper

105 100

120 50.8 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 146.644 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

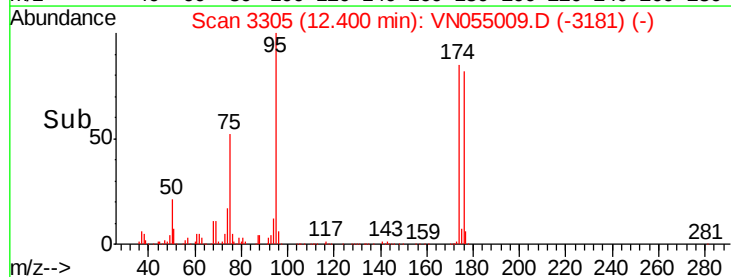
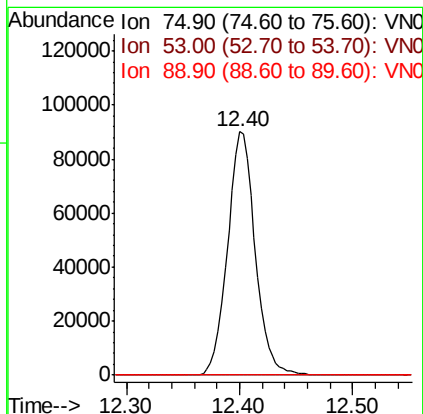
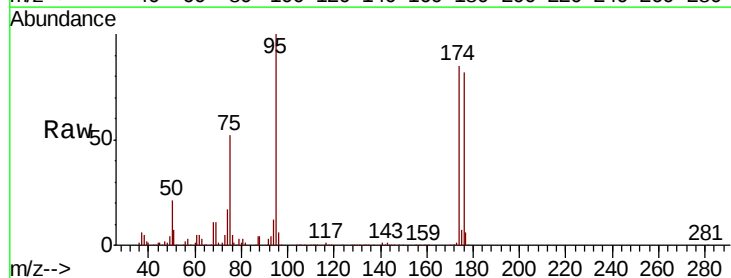
Tgt Ion: 75 Resp: 153041

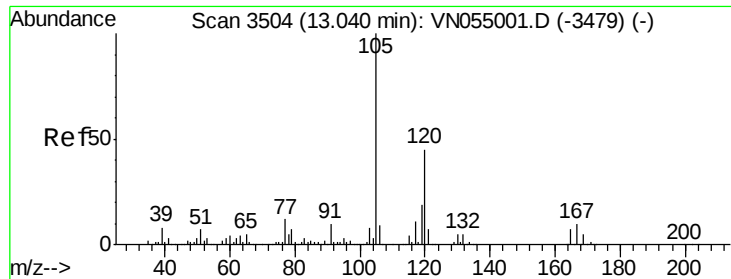
Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

89 0.0 38.6 57.8#

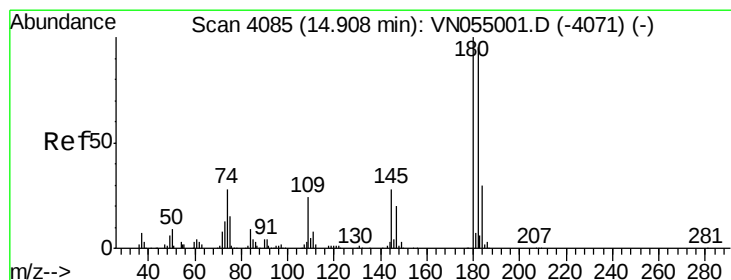
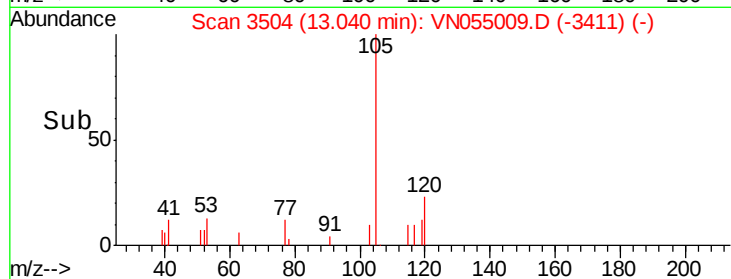
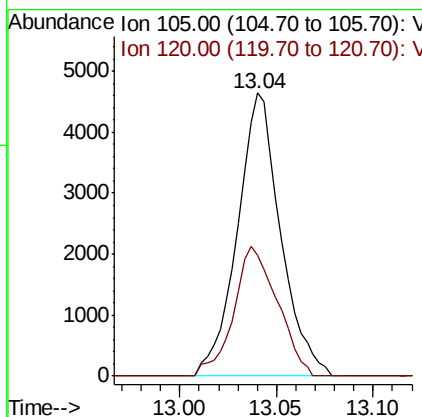
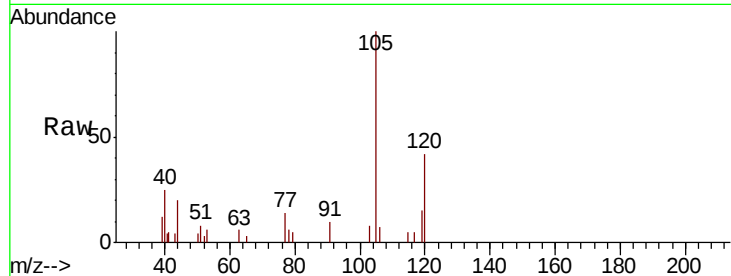




#84
 1,2,4-Trimethylbenzene
 Concen: 0.465 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055009.D
 Acq: 12 Apr 2019 19:45

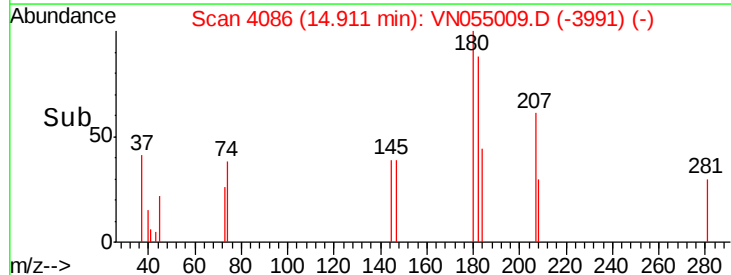
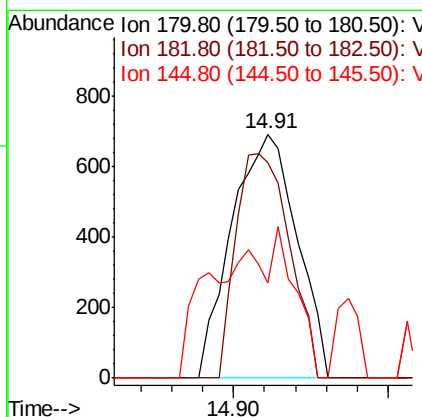
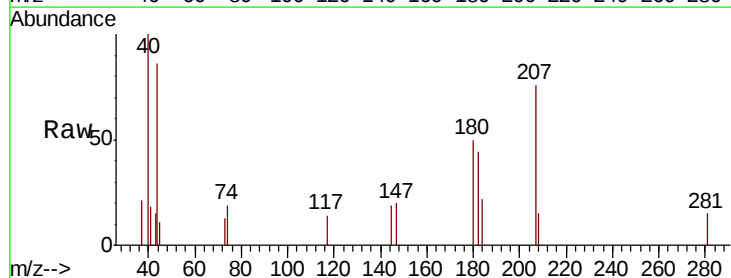
Instrument :
 MSVOA_N
 ClientSampled :

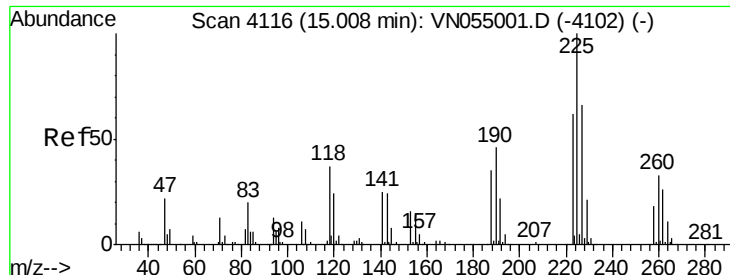
Tot Ion:105 Resp: 7218
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.4 67.3



#93
 1,2,4-Trichlorobenzene
 Concen: 3.776 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055009.D
 Acq: 12 Apr 2019 19:45

Tgt Ion:180 Resp: 1012
 Ion Ratio Lower Upper
 180 100
 182 75.4 47.5 142.6
 145 8.0 14.2 42.8#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4118

Delta R.T. 0.01 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

Instrument :

MSVOA_N

ClientSampled :

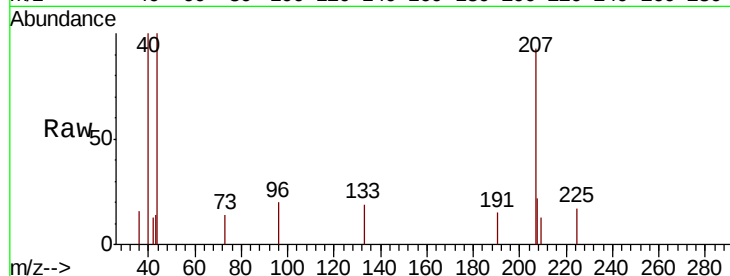
Tot Ion:225 Resp: 278

Ion Ratio Lower Upper

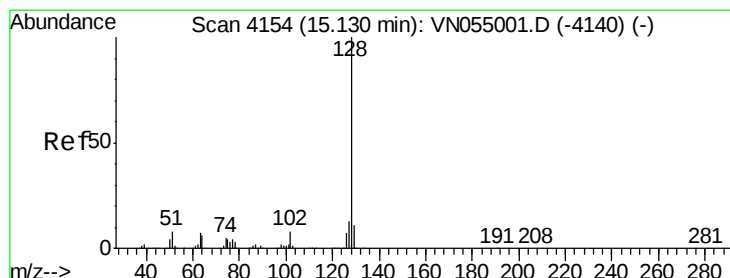
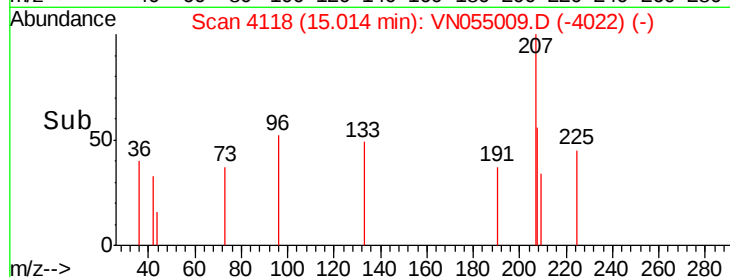
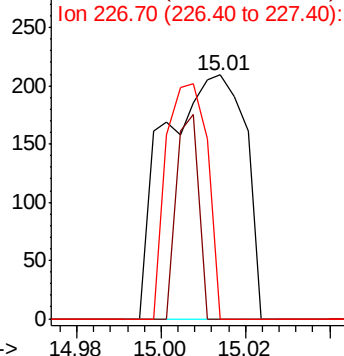
225 100

223 23.4 31.4 94.0#

227 49.3 32.6 97.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 5.861 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055009.D

Acq: 12 Apr 2019 19:45

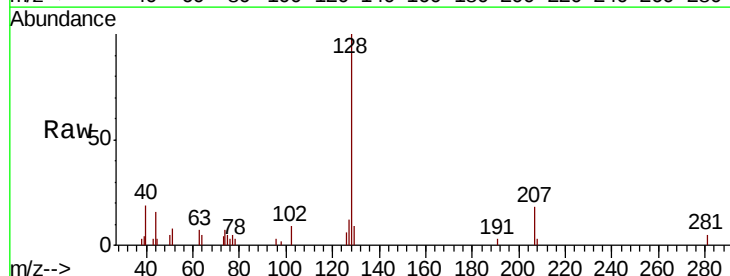
Tgt Ion:128 Resp: 11704

Ion Ratio Lower Upper

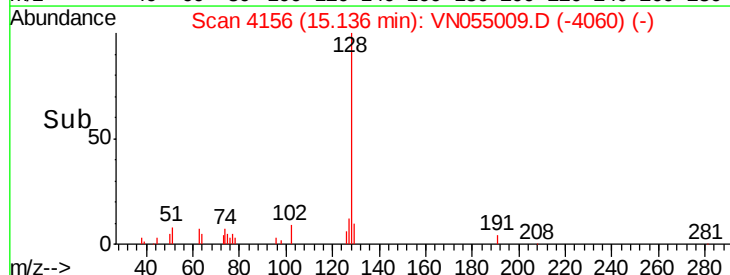
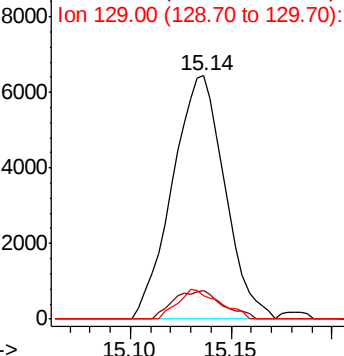
128 100

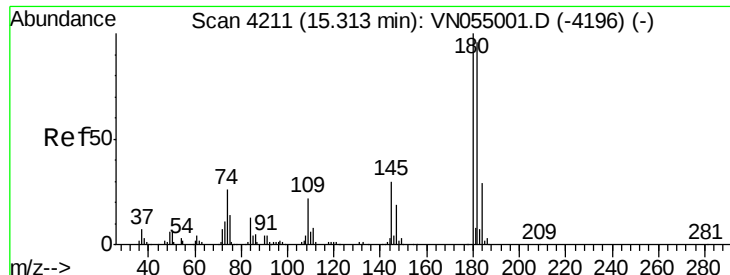
127 11.1 10.1 15.1

129 9.8 8.8 13.2



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

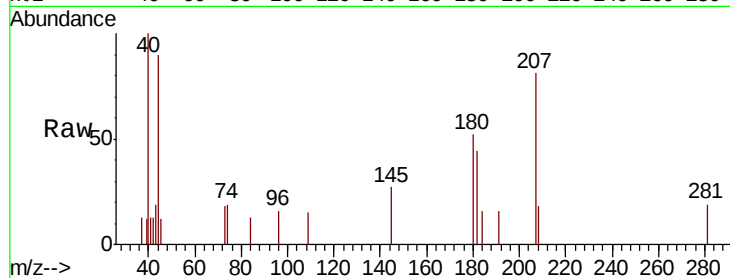




#96
 1,2,3-Trichlorobenzene
 Concen: 0.282 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN055009.D
 Acq: 12 Apr 2019 19:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 981
 Ion Ratio Lower Upper
 180 100
 182 102.2 48.0 144.0
 145 47.9 15.3 45.9#



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

