

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055299.D
 Acq On : 30 Apr 2019 11:22
 Operator : JC/SP
 Sample : VN0430MBL01
 Misc : 5.00uL/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 05:16:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	359229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	608705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	554222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136564	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	249998	53.20	ug/l	0.00
Spiked Amount			Recovery	=	106.40%	
35) Dibromofluoromethane	7.59	113	203361	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
50) Toluene-d8	10.09	98	761089	52.76	ug/l	0.00
Spiked Amount			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.40	95	222362	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	

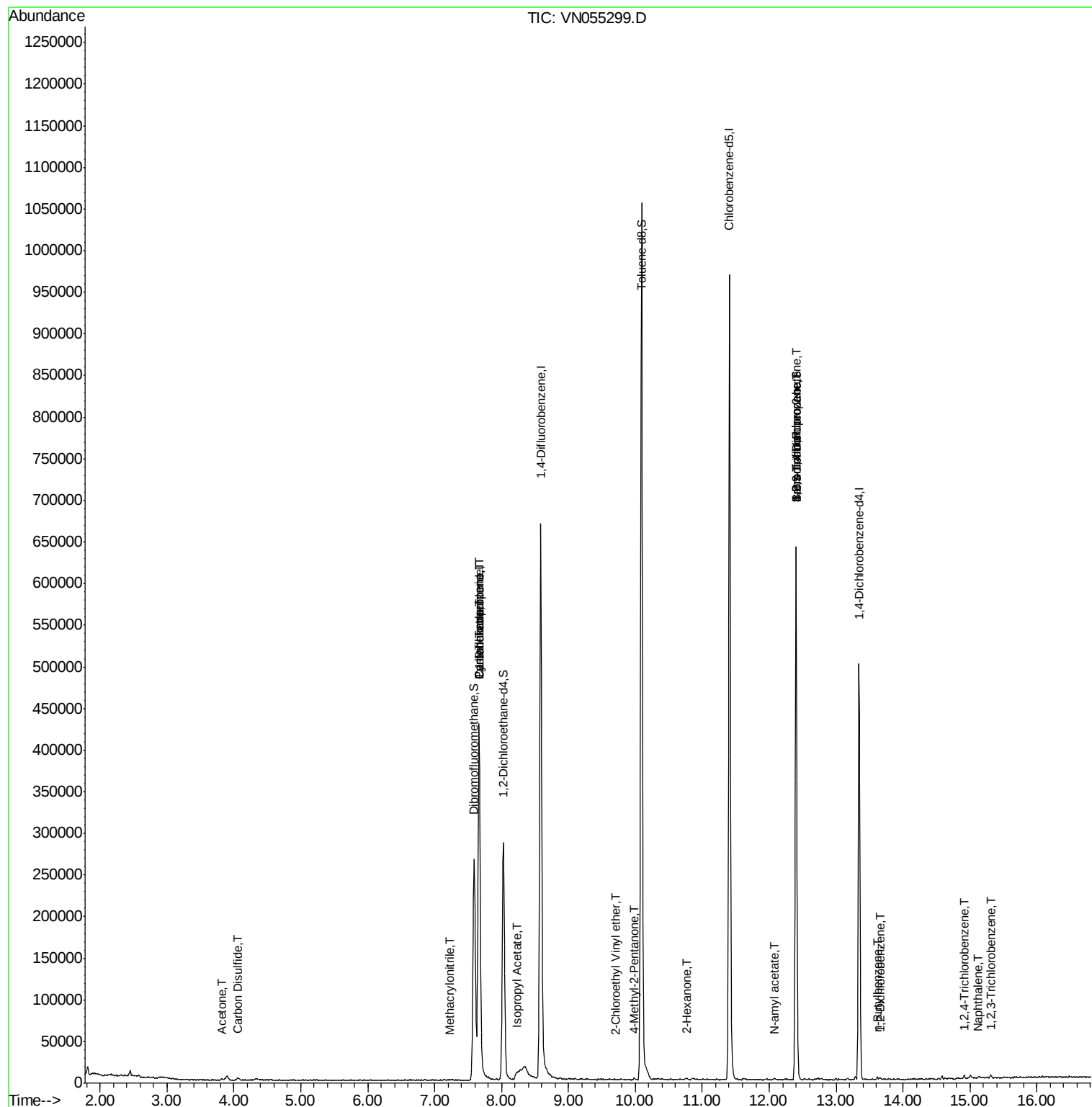
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.81	43	1247	0.852	ug/l #	83
17) Carbon Disulfide	4.05	76	4187	0.452	ug/l #	74
18) Methyl Acetate	4.33	43	2077	Below Cal	#	64
31) Cyclohexane	7.66	56	8371	1.132	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	26992	4.629	ug/l #	44
38) Carbon Tetrachloride	7.66	117	34575	6.147	ug/l #	17
41) Methacrylonitrile	7.22	41	152	0.802	ug/l #	6
43) Isopropyl Acetate	8.23	43	7474	1.041	ug/l #	56
51) 4-Methyl-2-Pentanone	9.98	43	2195	0.543	ug/l #	39
58) 2-Chloroethyl Vinyl ether	9.71	63	30	12.425	ug/l #	52
59) 2-Hexanone	10.76	43	2616	1.034	ug/l #	55
71) Bromoform	12.40	173	1667	0.708	ug/l #	1
73) Isopropylbenzene	12.25	105	1087	Below Cal	#	55
74) N-amyl acetate	12.08	43	1772	0.506	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.51	83	102	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	116064	45.497	ug/l #	100
77) Bromobenzene	12.53	156	265	Below Cal	#	59
79) 2-Chlorotoluene	12.77	91	855	Below Cal		86
81) trans-1,4-Dichloro-2-buten	12.40	75	116064	161.059	ug/l #	7
83) tert-Butylbenzene	13.00	119	498	Below Cal	#	51
89) n-Butylbenzene	13.61	91	1852	0.273	ug/l #	84
91) 1,2-Dichlorobenzene	13.65	146	955	0.211	ug/l	78
93) 1,2,4-Trichlorobenzene	14.91	180	1207	3.942	ug/l #	93
94) Hexachlorobutadiene	15.01	225	877	Below Cal		87
95) Naphthalene	15.13	128	2820	4.022	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.32	180	979	3.140	ug/l #	51

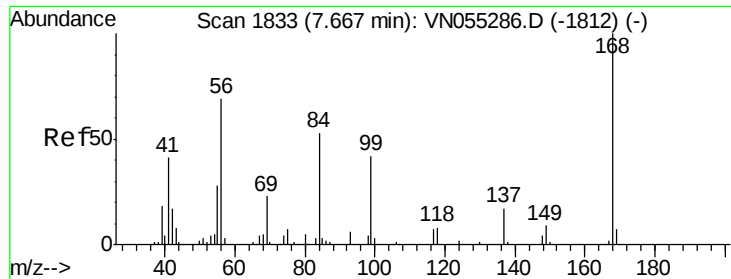
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 01 05:16:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055299.D

Acq: 30 Apr 2019 11:22

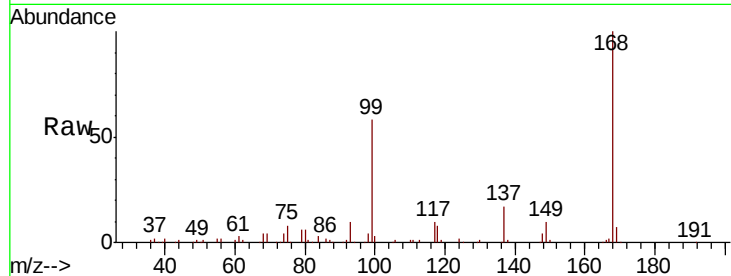
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 359229

Ion Ratio Lower Upper

168 100

99 57.6 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.66

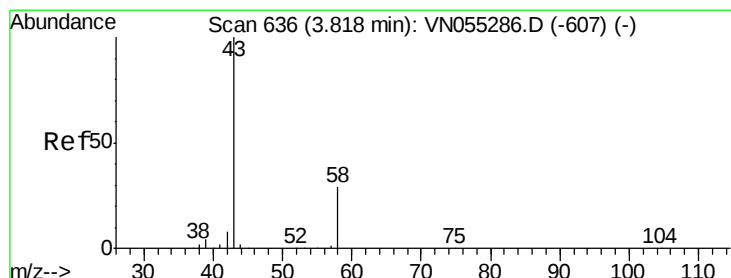
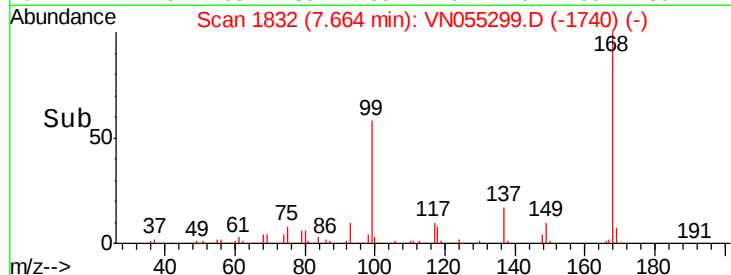
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 0.852 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.01 min

Lab File: VN055299.D

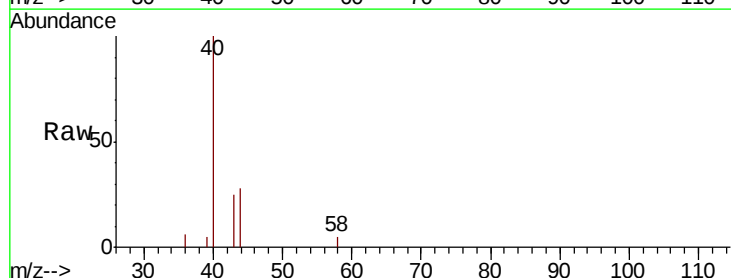
Acq: 30 Apr 2019 11:22

Tgt Ion: 43 Resp: 1247

Ion Ratio Lower Upper

43 100

58 20.3 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-607) (-)

3.81

1000

800

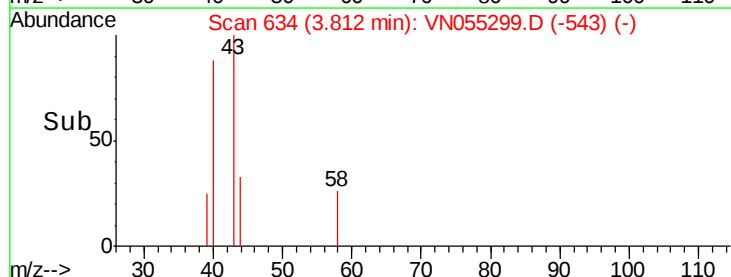
600

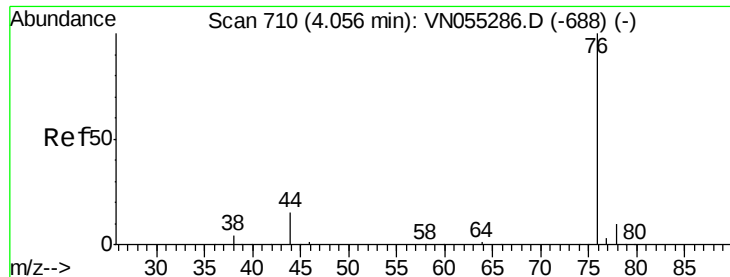
400

200

0

Time-->





#17

Carbon Disulfide

Concen: 0.452 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VN055299.D

Acq: 30 Apr 2019 11:22

Instrument :

MSVOA_N

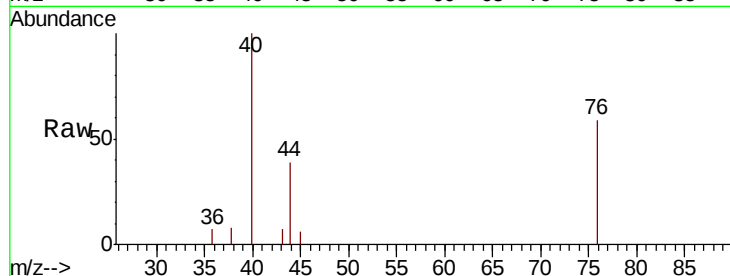
ClientSampleId :

Tot Ion: 76 Resp: 4187

Ion Ratio Lower Upper

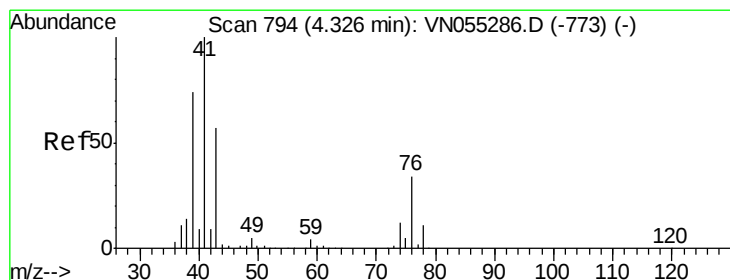
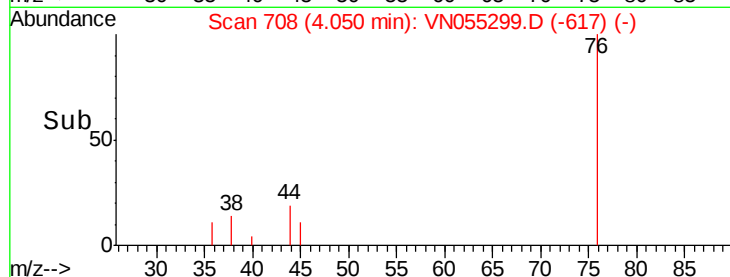
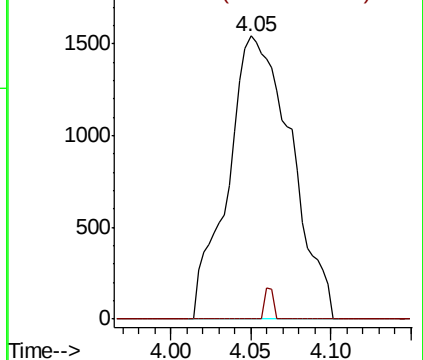
76 100

78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055299.D

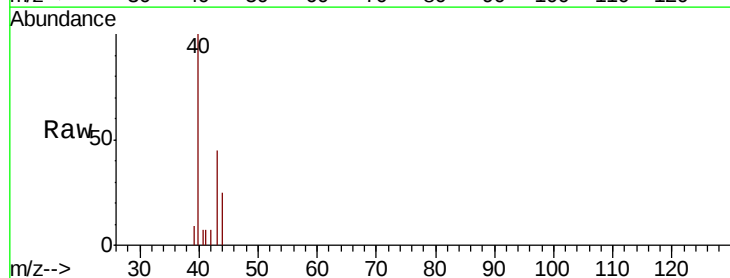
Acq: 30 Apr 2019 11:22

Tgt Ion: 43 Resp: 2077

Ion Ratio Lower Upper

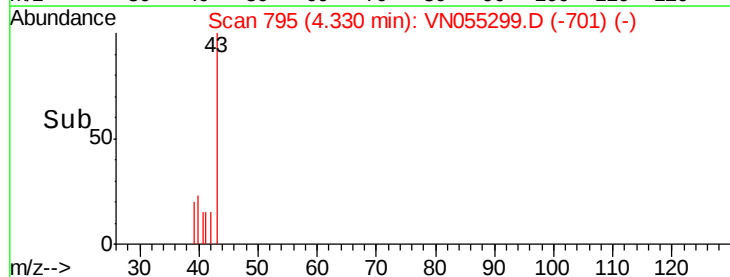
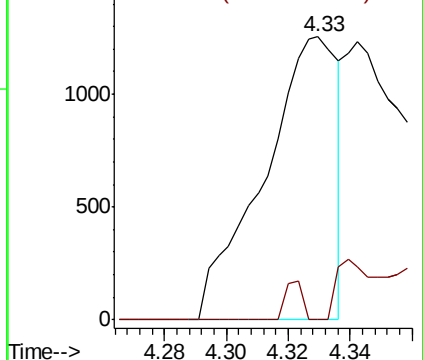
43 100

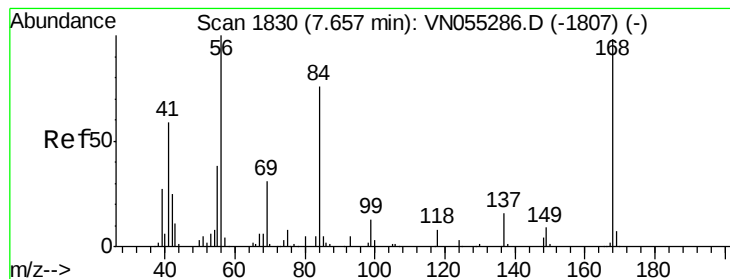
74 3.1 15.8 23.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#31

Cyclohexane

Concen: 1.132 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055299.D

Acq: 30 Apr 2019 11:22

Instrument :
MSVOA_N
ClientSampleId :

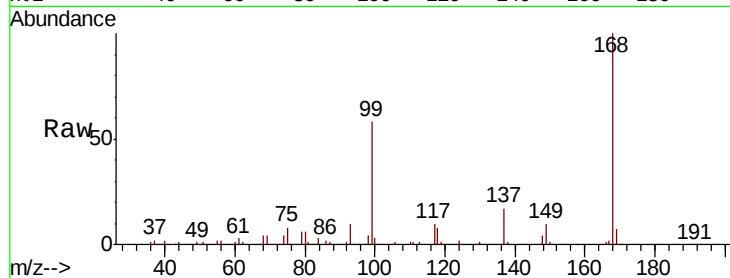
Tot Ion: 56 Resp: 8371

Ion Ratio Lower Upper

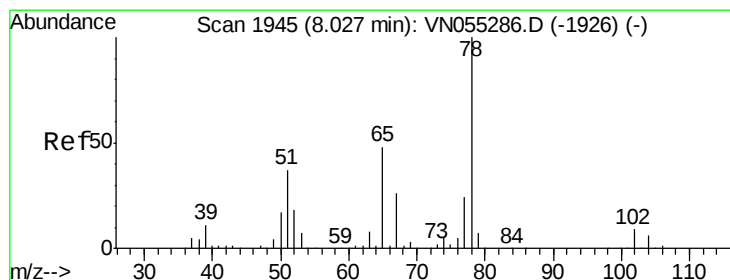
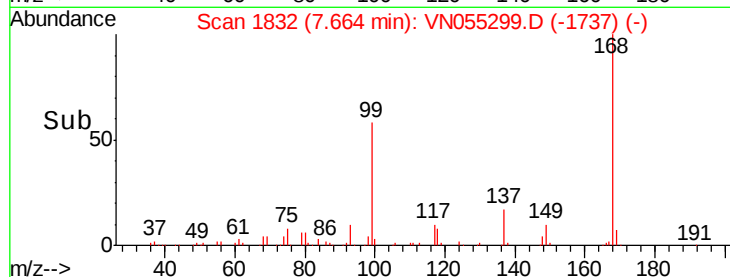
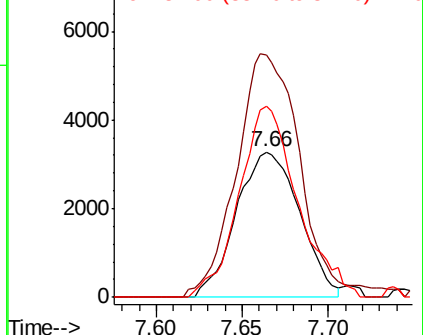
56 100

69 161.9 25.2 37.8#

84 131.6 61.1 91.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.196 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055299.D

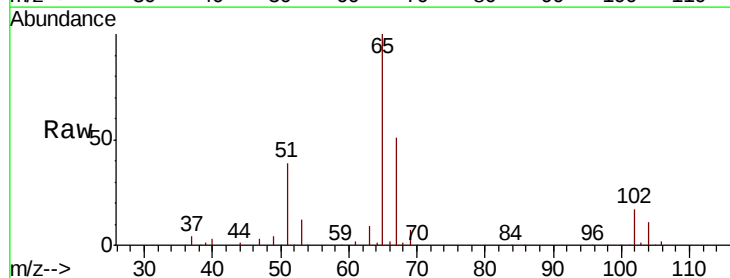
Acq: 30 Apr 2019 11:22

Tgt Ion: 65 Resp: 249998

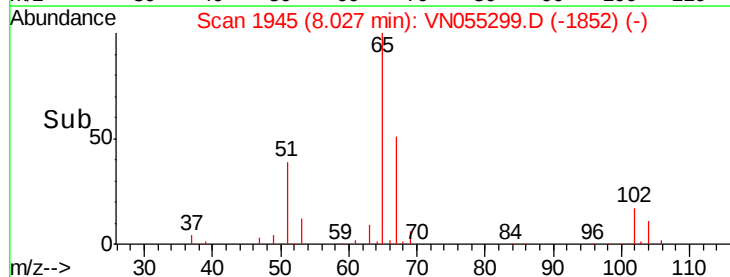
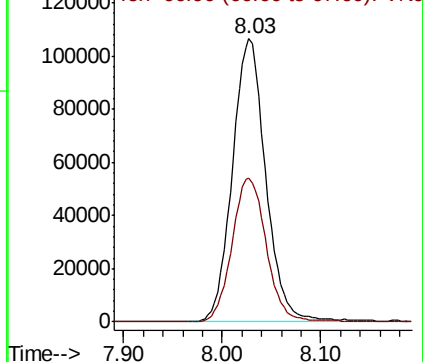
Ion Ratio Lower Upper

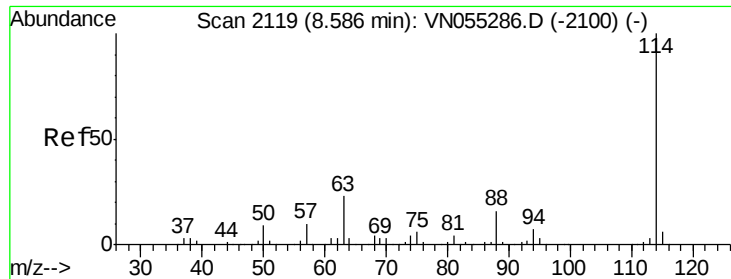
65 100

67 51.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

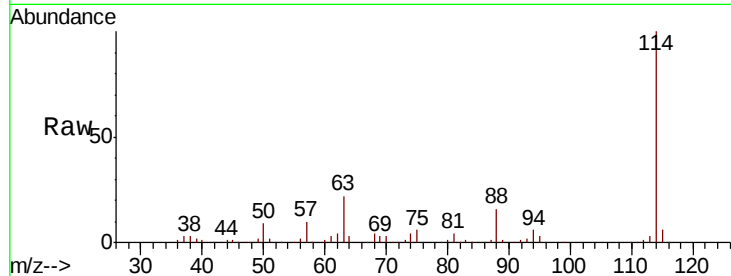




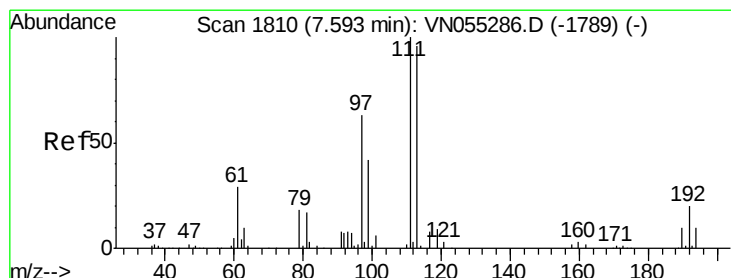
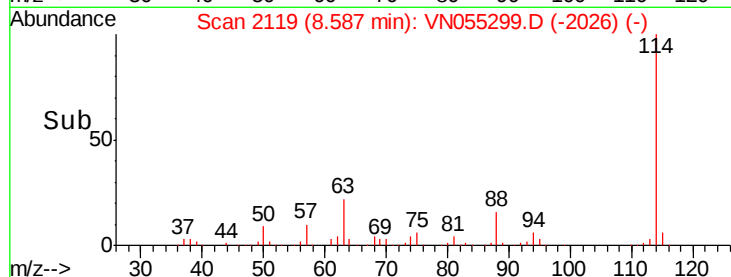
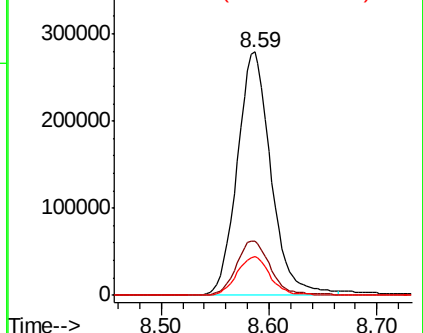
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055299.D
 Acq: 30 Apr 2019 11:22

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 608705
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.2
 88 15.9 0.0 31.6

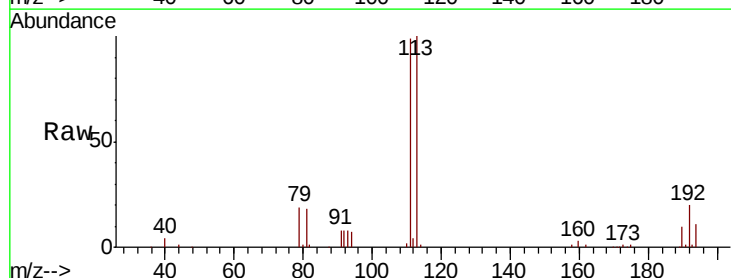


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

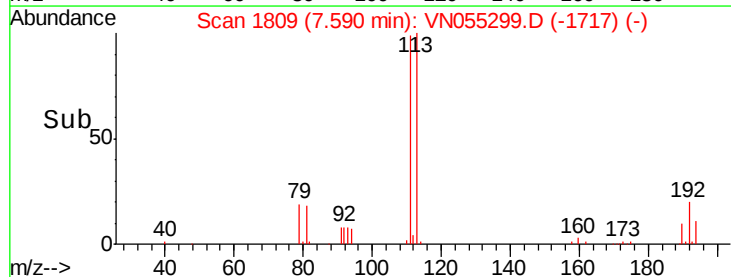
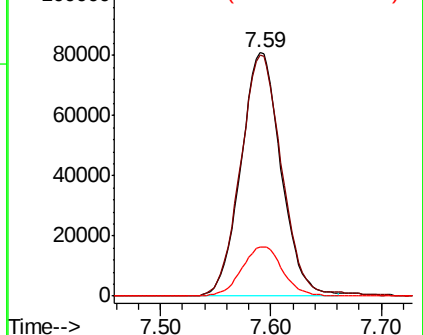


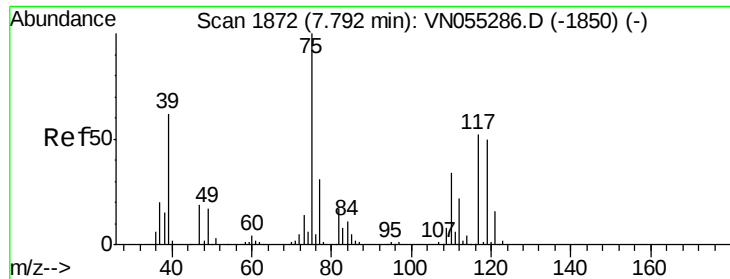
#35
 Dibromofluoromethane
 Concen: 50.900 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055299.D
 Acq: 30 Apr 2019 11:22

Tgt Ion:113 Resp: 203361
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.3 123.5
 192 20.7 17.0 25.6



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: 4.629 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055299.D

Acq: 30 Apr 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

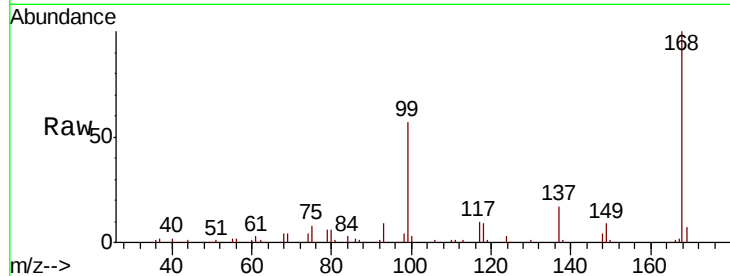
Tot Ion: 75 Resp: 26992

Ion Ratio Lower Upper

75 100

110 2.1 16.8 50.4#

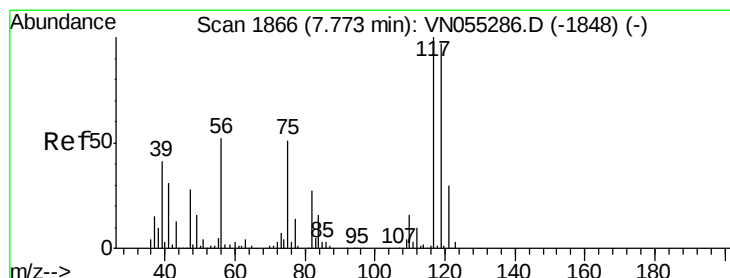
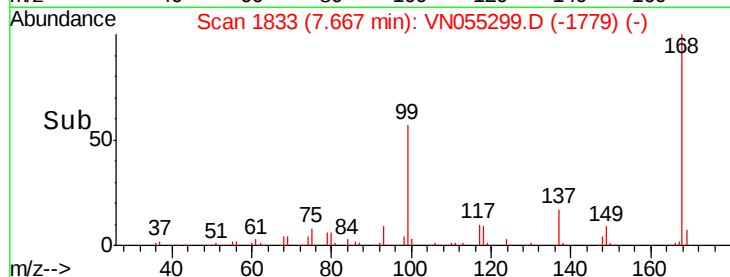
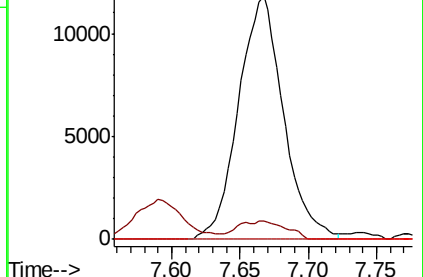
77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VN055286.D (-1850) (-)

Ion 109.90 (109.60 to 110.60): VN055286.D (-1850) (-)

Ion 76.90 (76.60 to 77.60): VN055286.D (-1850) (-)



#38

Carbon Tetrachloride

Concen: 6.147 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055299.D

Acq: 30 Apr 2019 11:22

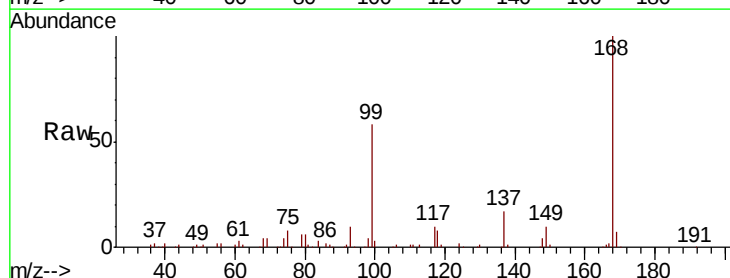
Tgt Ion: 117 Resp: 34575

Ion Ratio Lower Upper

117 100

119 6.6 77.0 115.6#

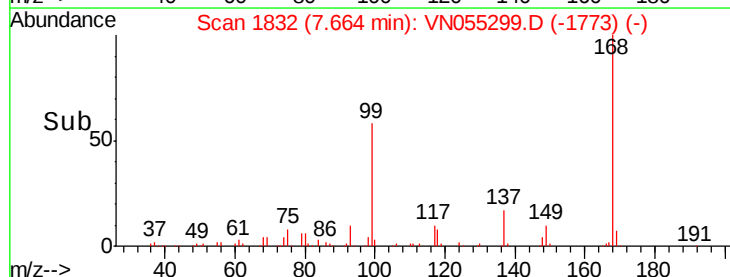
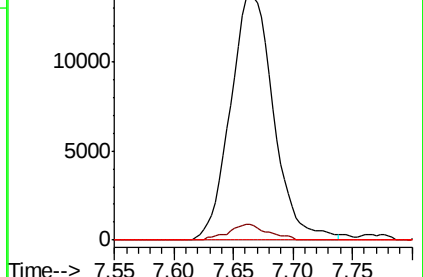
121 0.0 23.8 35.8#

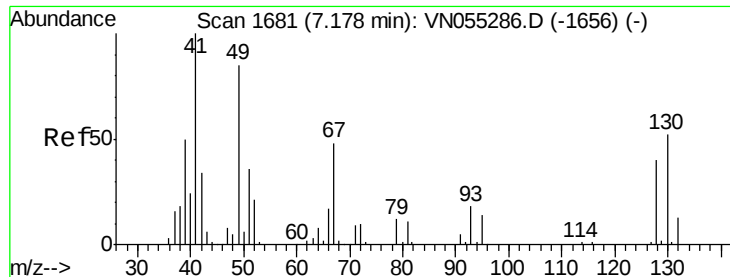


Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-1848) (-)

Ion 118.80 (118.50 to 119.50): VN055286.D (-1848) (-)

Ion 120.80 (120.50 to 121.50): VN055286.D (-1848) (-)

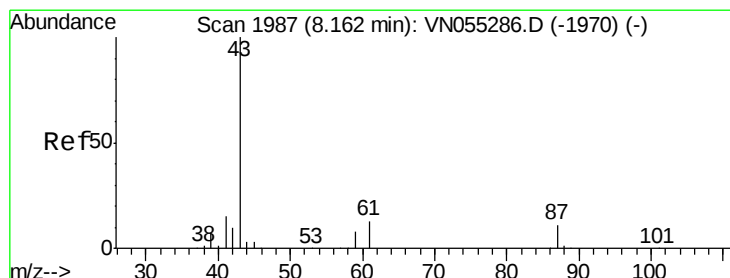
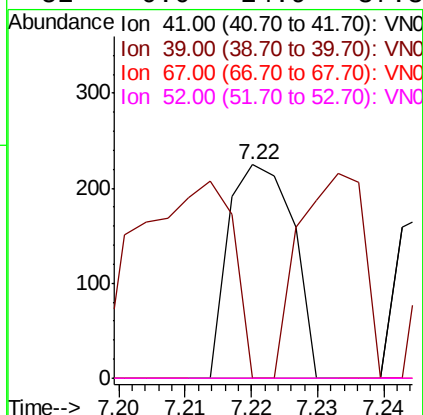
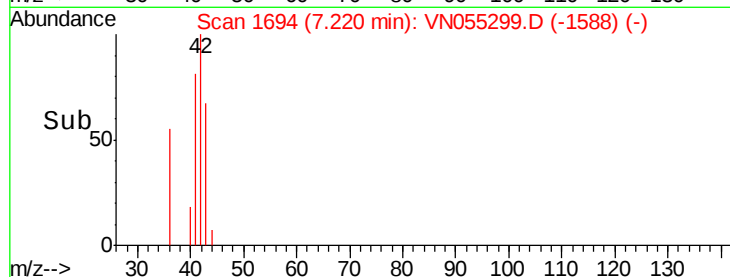
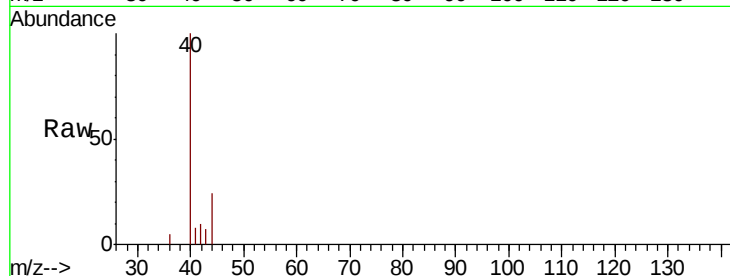




#41
Methacrylonitrile
Concen: 0.802 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.04 min
Lab File: VN055299.D
Acq: 30 Apr 2019 11:22

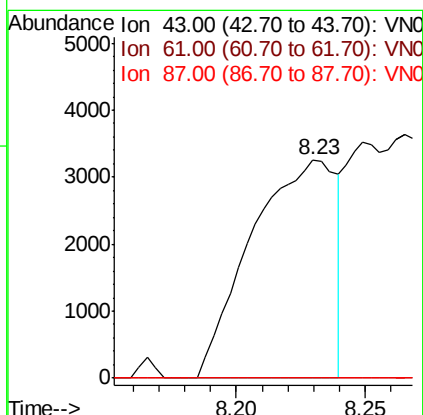
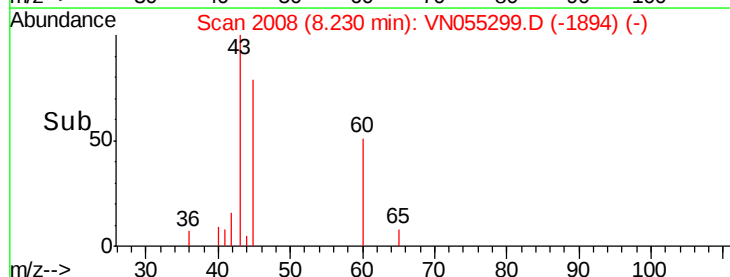
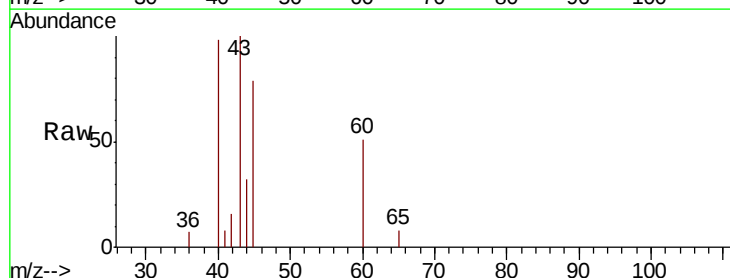
Instrument :
MSVOA_N
ClientSampled :

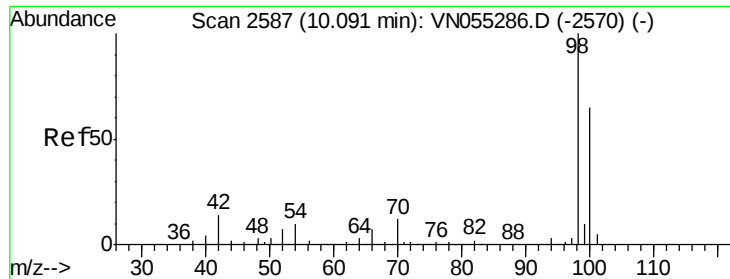
Tot Ion: 41 Resp: 152
Ion Ratio Lower Upper
41 100
39 153.9 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 1.041 ug/l
RT: 8.23 min Scan# 2008
Delta R.T. 0.07 min
Lab File: VN055299.D
Acq: 30 Apr 2019 11:22

Tgt Ion: 43 Resp: 7474
Ion Ratio Lower Upper
43 100
61 0.0 20.8 31.2#
87 0.0 8.5 12.7#





#50

Toluene-d8

Concen: 52.756 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055299.D

Acq: 30 Apr 2019 11:22

Instrument :

MSVOA_N

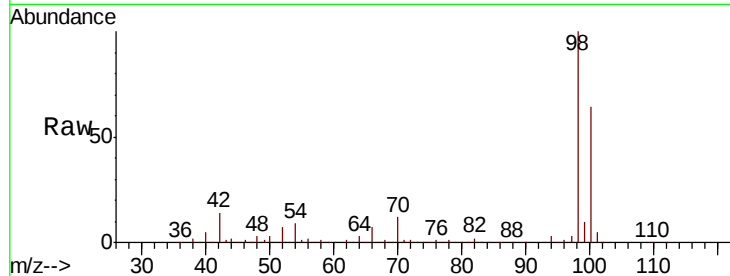
ClientSampled :

Tot Ion: 98 Resp: 761089

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055286.D (-2570) (-)

10.09

400000

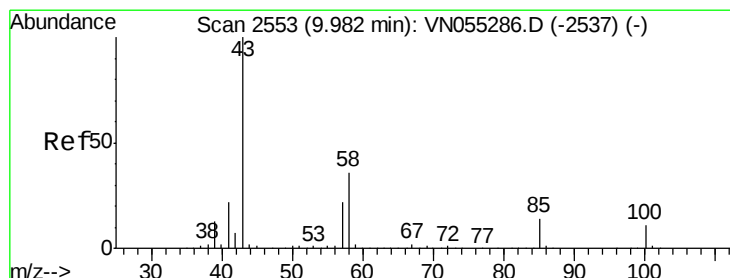
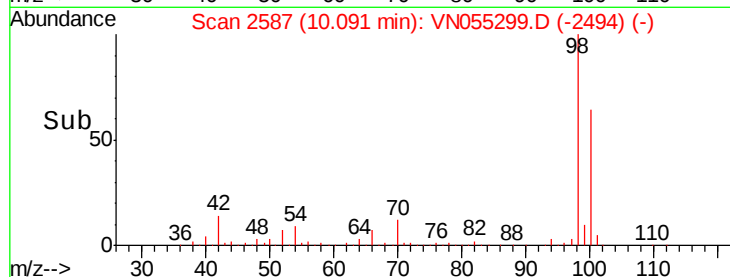
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.543 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN055299.D

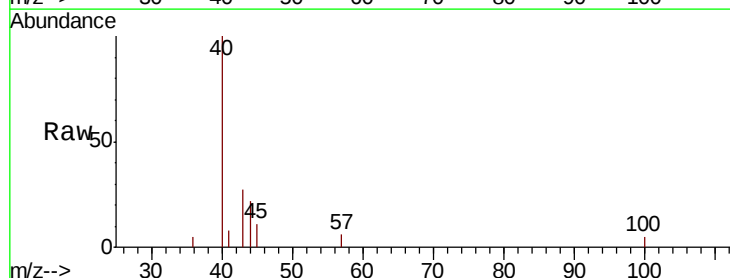
Acq: 30 Apr 2019 11:22

Tgt Ion: 43 Resp: 2195

Ion Ratio Lower Upper

43 100

58 0.0 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-2537) (-)

9.98

800

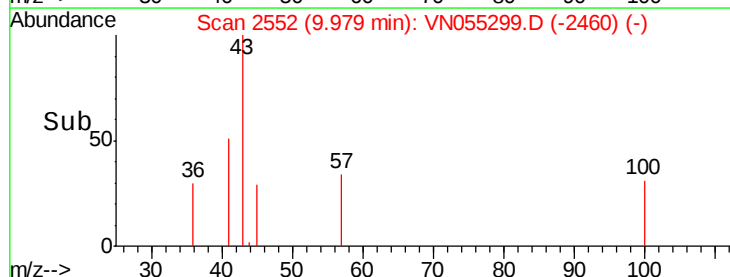
600

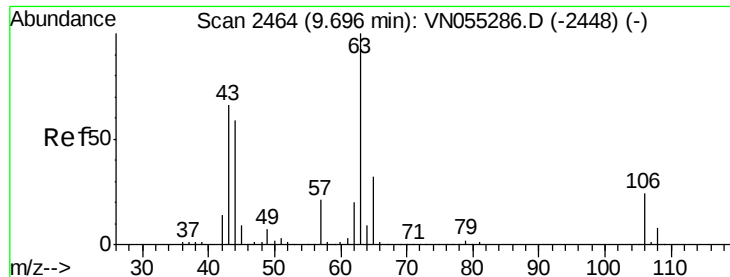
400

200

0

Time-->

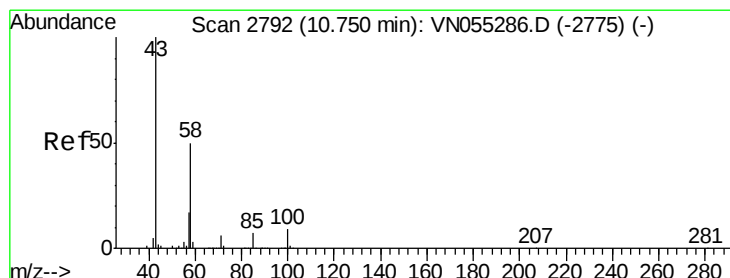
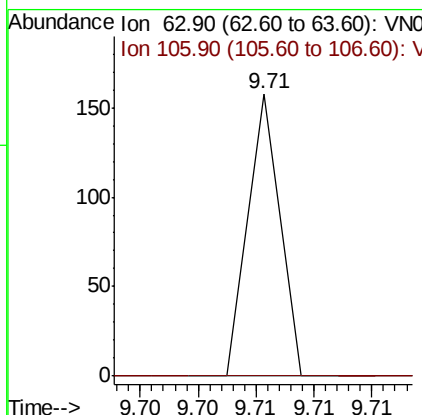
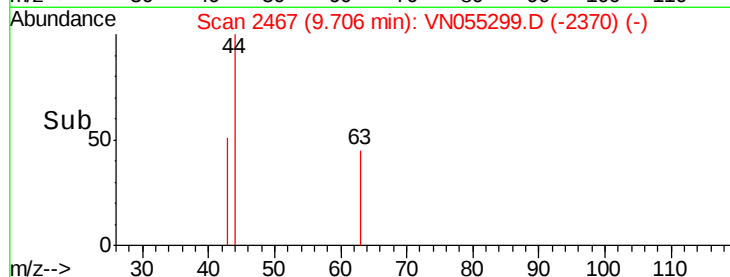
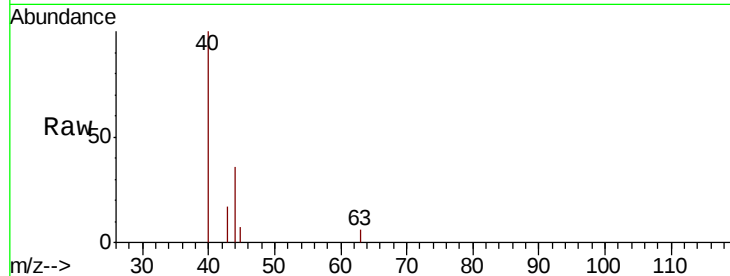




#58
 2-Chloroethyl Vinyl ether
 Concen: 12.425 ug/l
 RT: 9.71 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: VN055299.D
 Acq: 30 Apr 2019 11:22

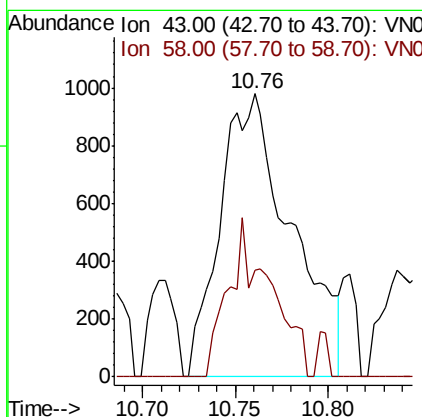
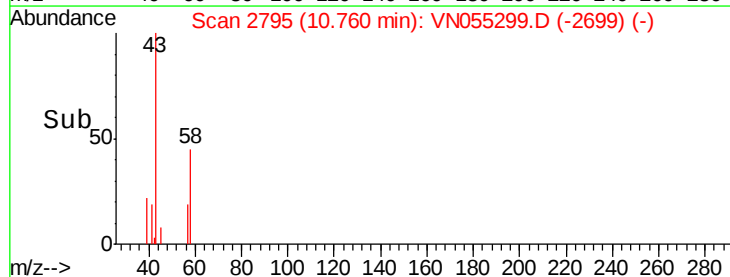
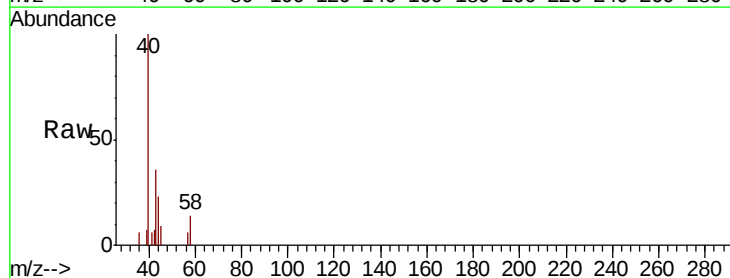
Instrument :
 MSVOA_N
 ClientSampled :

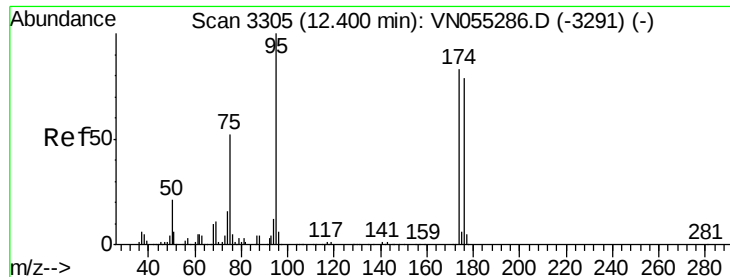
Tot Ion: 63 Resp: 30
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.0 28.4#



#59
 2-Hexanone
 Concen: 1.034 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN055299.D
 Acq: 30 Apr 2019 11:22

Tgt Ion: 43 Resp: 2616
 Ion Ratio Lower Upper
 43 100
 58 18.6 24.9 74.6#





#62

4-Bromofluorobenzene

Concen: 49.317 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055299.D

Acq: 30 Apr 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

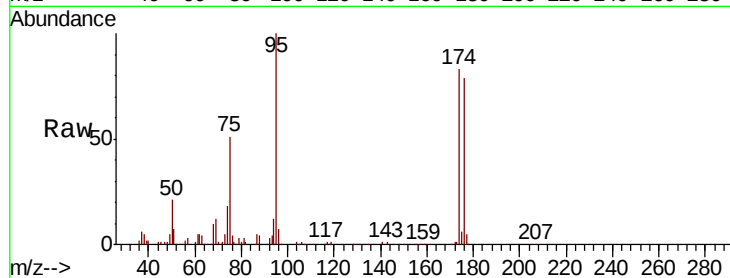
Tot Ion: 95 Resp: 222362

Ion Ratio Lower Upper

95 100

174 82.9 0.0 166.6

176 79.8 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055286.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055286.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055286.D (-3291) (-)

12.40

150000

100000

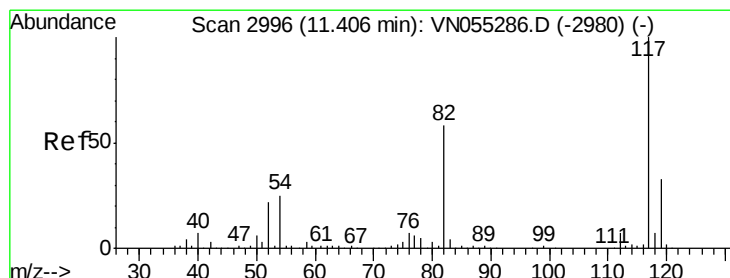
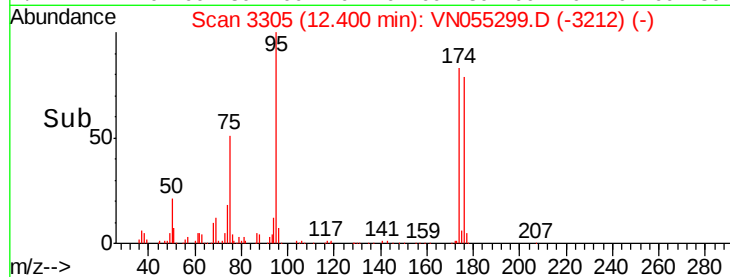
50000

0

12.40

12.50

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055299.D

Acq: 30 Apr 2019 11:22

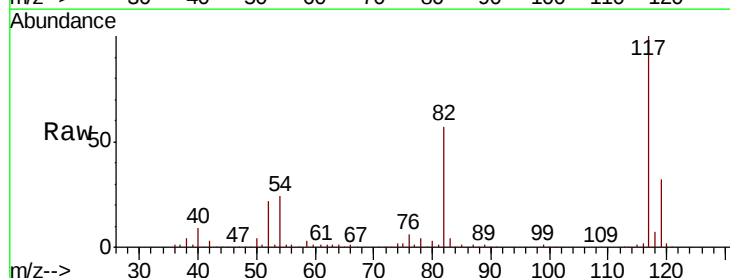
Tgt Ion: 117 Resp: 554222

Ion Ratio Lower Upper

117 100

82 57.1 46.2 69.4

119 31.7 26.6 40.0



Abundance Ion 116.90 (116.60 to 117.60): VN055286.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055286.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055286.D (-2980) (-)

11.41

400000

300000

200000

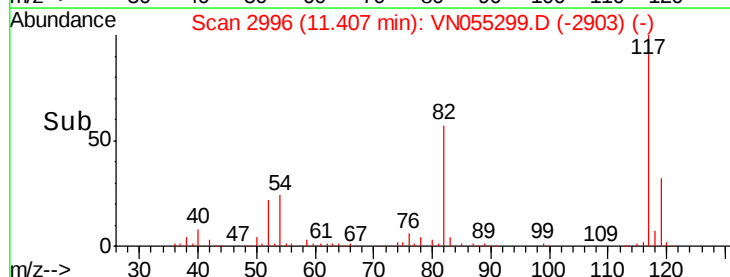
100000

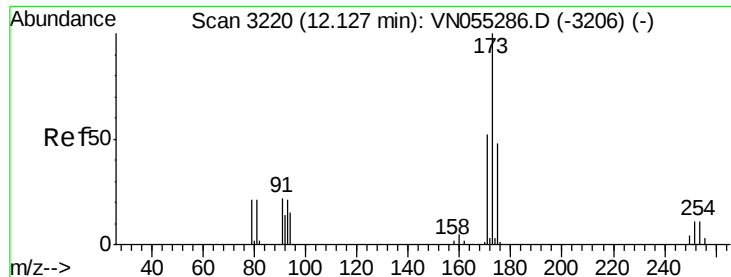
0

11.40

11.50

Time-->





#71

Bromoform

Concen: 0.708 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055299.D

Acq: 30 Apr 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

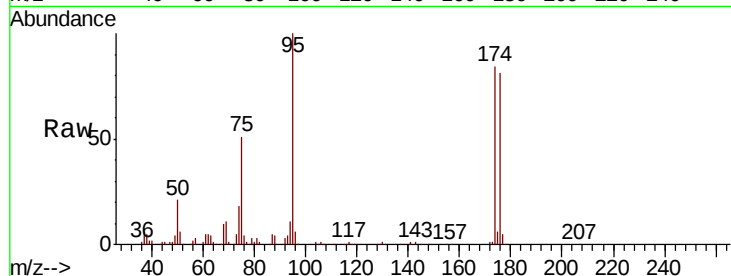
Tot Ion:173 Resp: 1667

Ion Ratio Lower Upper

173 100

175 681.6 23.6 71.0#

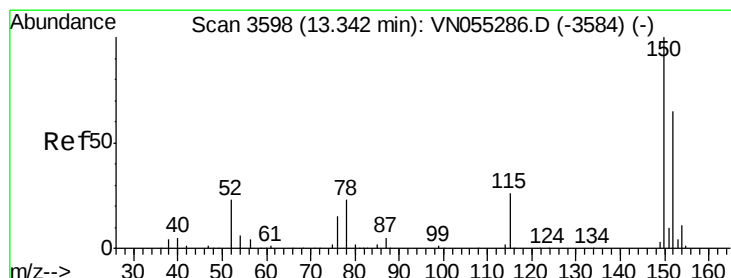
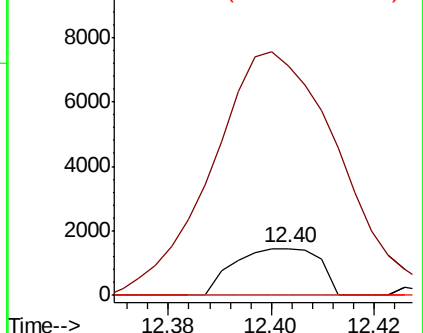
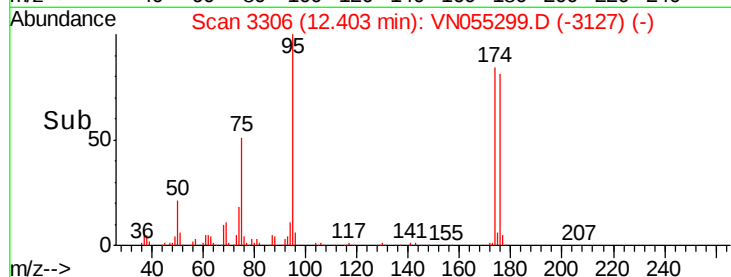
254 0.0 0.0 0.0



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: VN055299.D

Acq: 30 Apr 2019 11:22

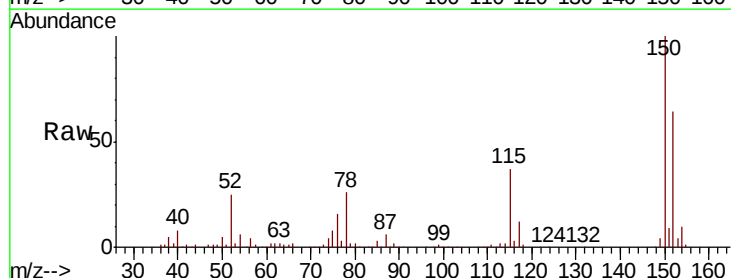
Tgt Ion:152 Resp: 136564

Ion Ratio Lower Upper

152 100

115 57.5 29.0 87.0

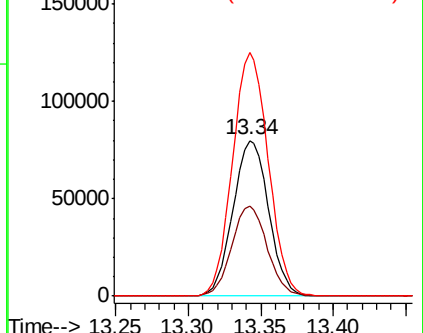
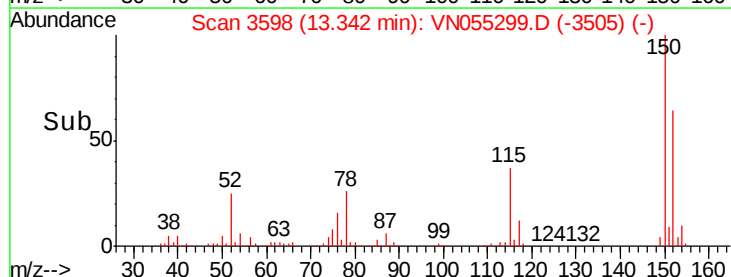
150 156.6 0.0 345.6

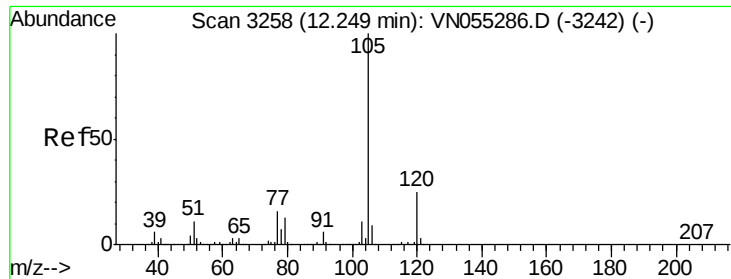


Abundance Ion 151.90 (151.60 to 152.60): V

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: VN055299.D

Acq: 30 Apr 2019 11:22

Instrument :

MSVOA_N

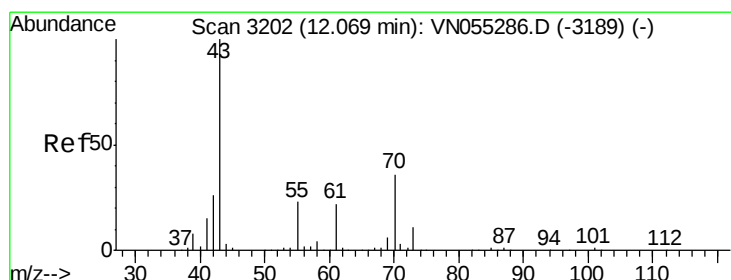
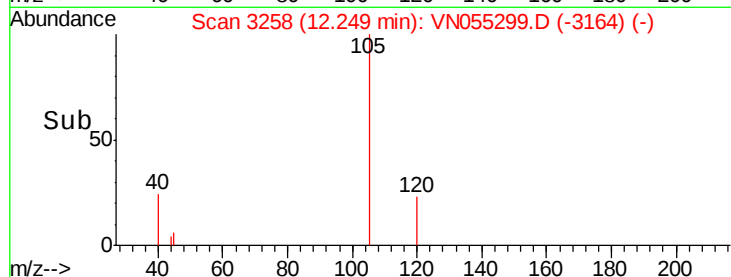
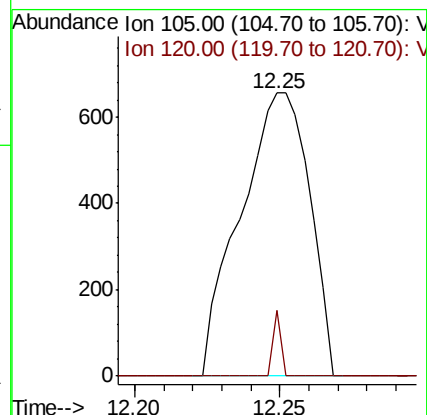
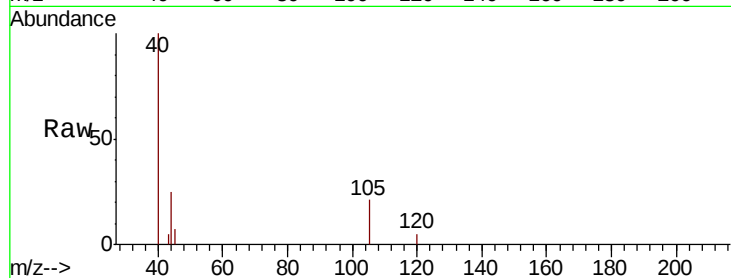
ClientSampleId :

Tot Ion:105 Resp: 1087

Ion Ratio Lower Upper

105 100

120 2.8 12.9 38.7#



#74

N-ethyl acetate

Concen: 0.506 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.01 min

Lab File: VN055299.D

Acq: 30 Apr 2019 11:22

Tgt Ion: 43 Resp: 1772

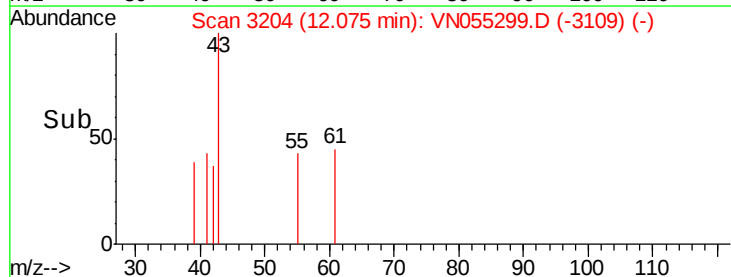
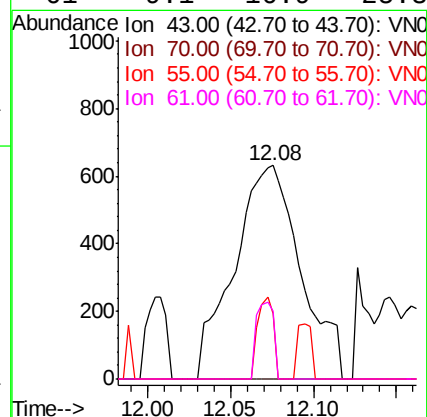
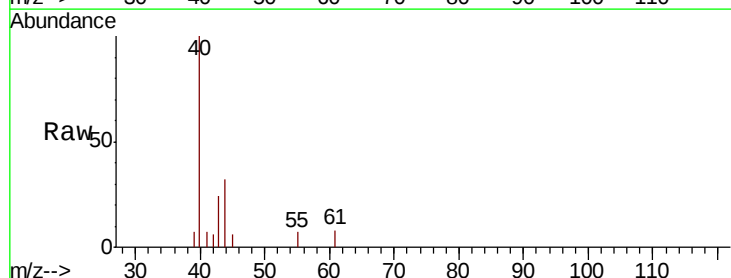
Ion Ratio Lower Upper

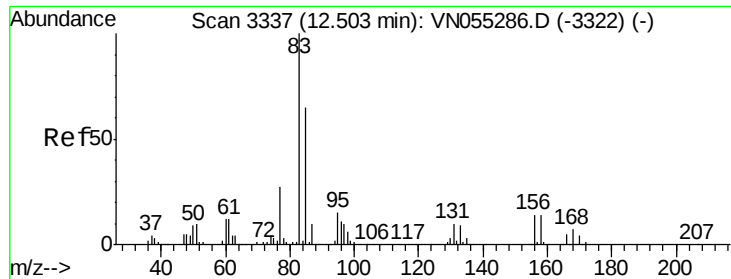
43 100

70 0.0 27.9 41.9#

55 8.8 18.2 27.2#

61 9.1 16.9 25.3#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3339

Delta R.T. 0.01 min

Lab File: VN055299.D

Acq: 30 Apr 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

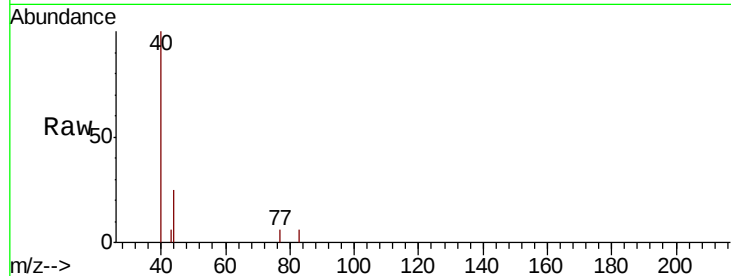
Tot Ion: 83 Resp: 102

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN055286.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN055286.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN055286.D (-3322) (-)

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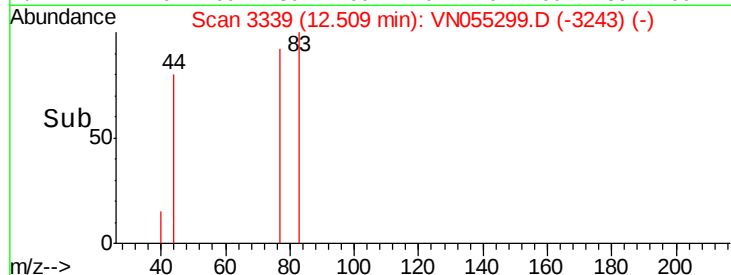
12.51

12.51

12.51

12.51

12.51



#76

1,2,3-Trichloropropane

Concen: 45.497 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055299.D

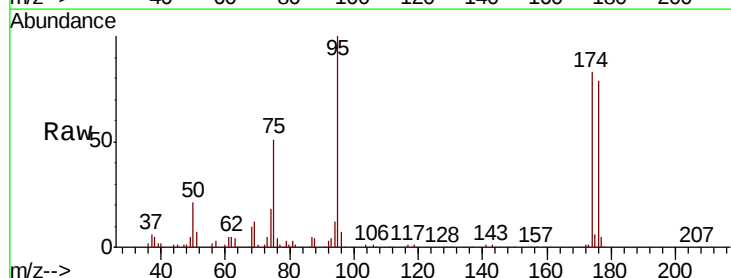
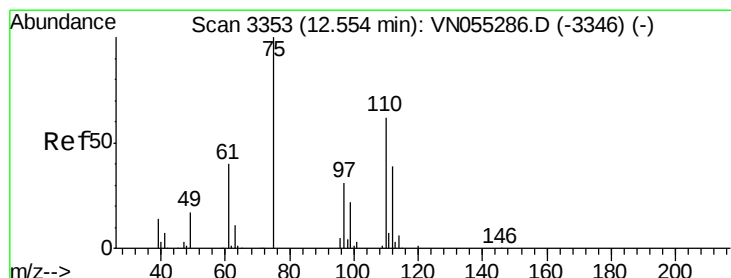
Acq: 30 Apr 2019 11:22

Tgt Ion: 75 Resp: 116064

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN055286.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN055286.D (-3346) (-)

12.40

12.40

12.40

12.40

12.40

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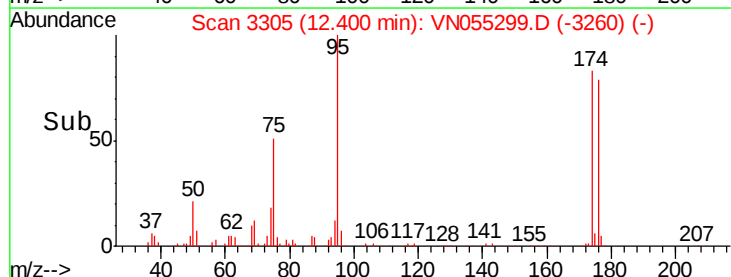
12.40

12.40

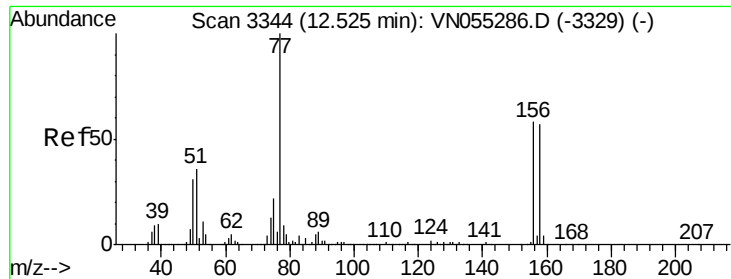
12.40

12.40

12.40



Time--> 12.30 12.40 12.50



#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3346

Delta R.T. 0.01 min

Lab File: VN055299.D

Acq: 30 Apr 2019 11:22

Instrument :

MSVOA_N

ClientSampled :

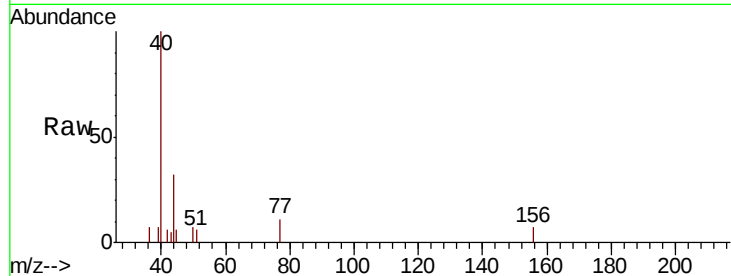
Tot Ion:156 Resp: 265

Ion Ratio Lower Upper

156 100

77 242.3 99.6 298.8

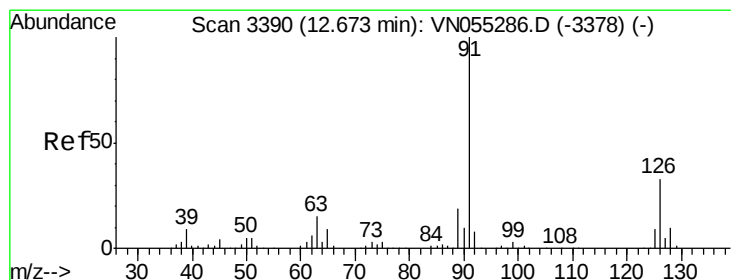
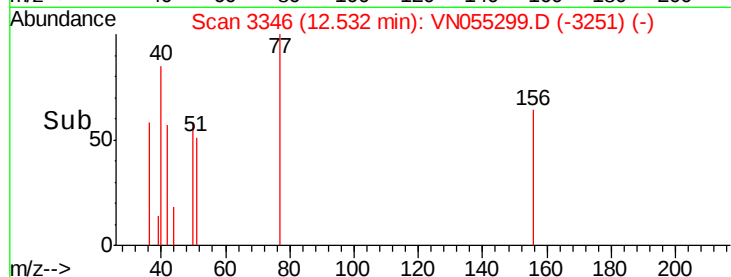
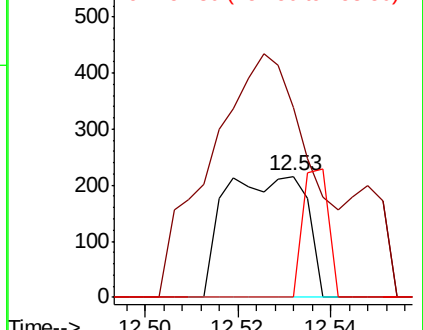
158 32.8 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.77 min Scan# 3421

Delta R.T. 0.10 min

Lab File: VN055299.D

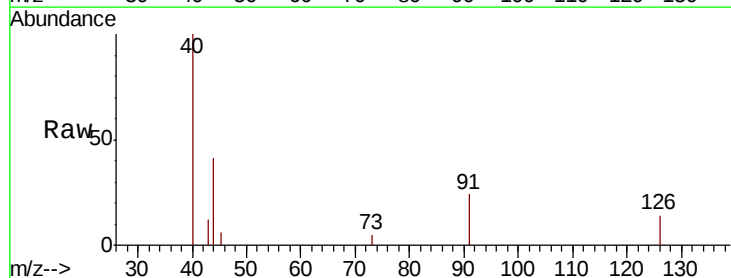
Acq: 30 Apr 2019 11:22

Tgt Ion: 91 Resp: 855

Ion Ratio Lower Upper

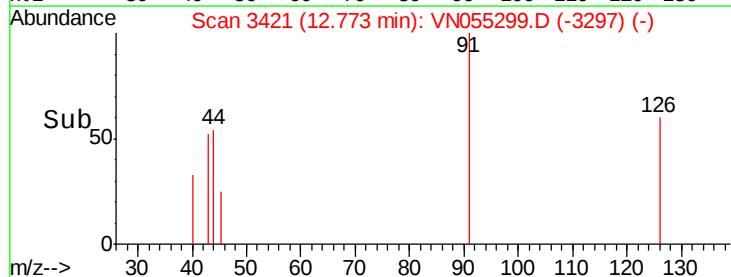
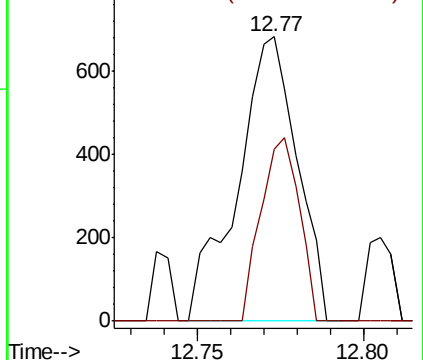
91 100

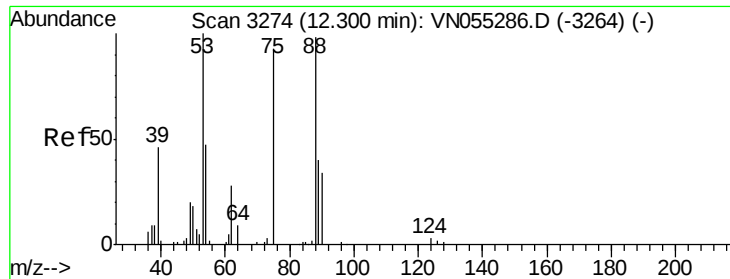
126 41.1 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

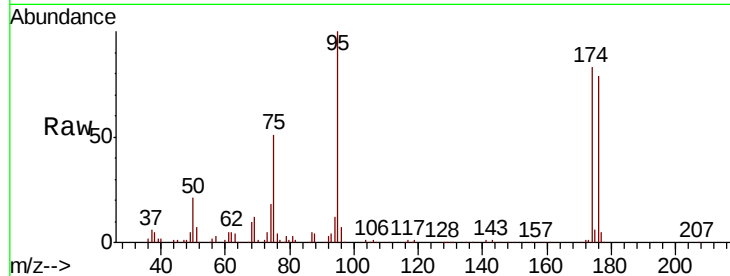




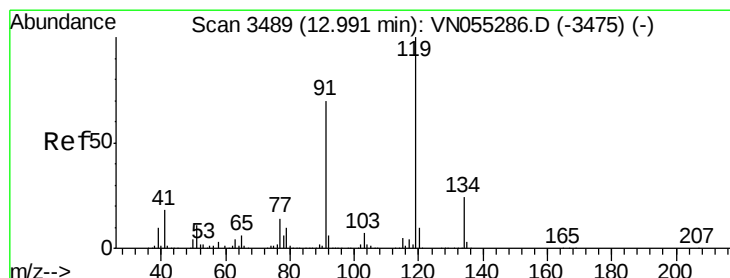
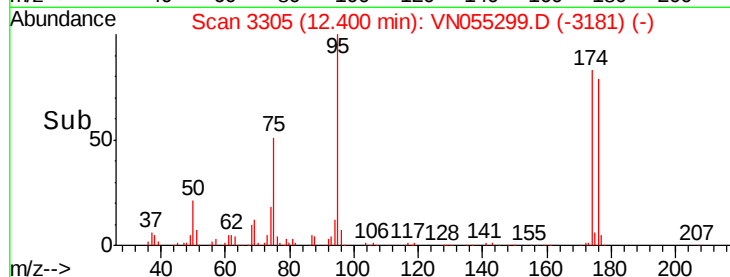
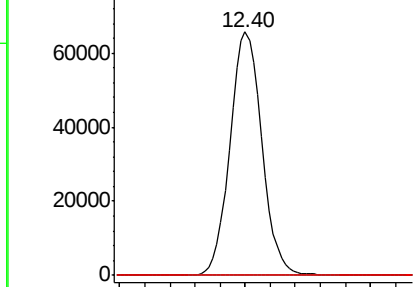
#81
 trans-1,4-Dichloro-2-butene
 Concen: 161.059 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055299.D
 Acq: 30 Apr 2019 11:22

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 116064
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.3 129.5#
 89 0.0 34.6 51.8#

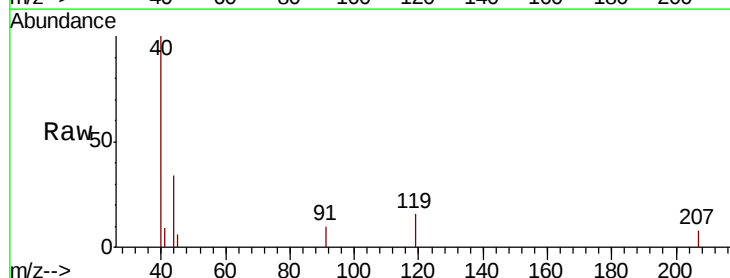


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 53.00 (52.70 to 53.70): VN0
 Ion 88.90 (88.60 to 89.60): VN0

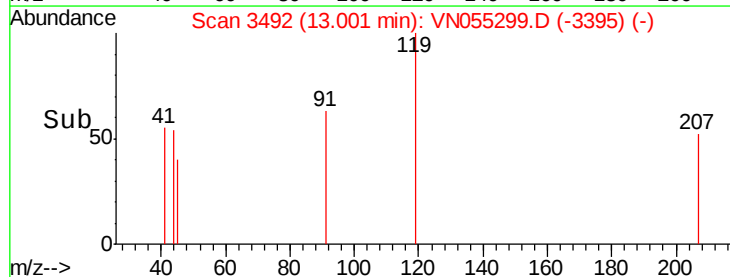
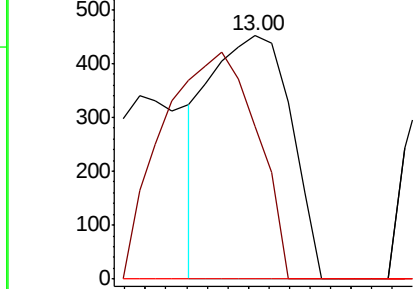


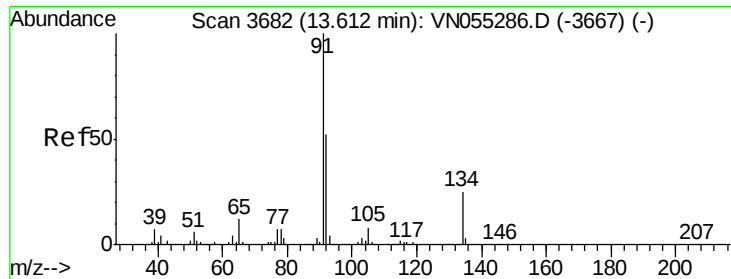
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.00 min Scan# 3492
 Delta R.T. 0.01 min
 Lab File: VN055299.D
 Acq: 30 Apr 2019 11:22

Tgt Ion: 119 Resp: 498
 Ion Ratio Lower Upper
 119 100
 91 107.8 34.3 102.9#
 134 0.0 13.1 39.3#



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN0
 Ion 134.00 (133.70 to 134.70): V

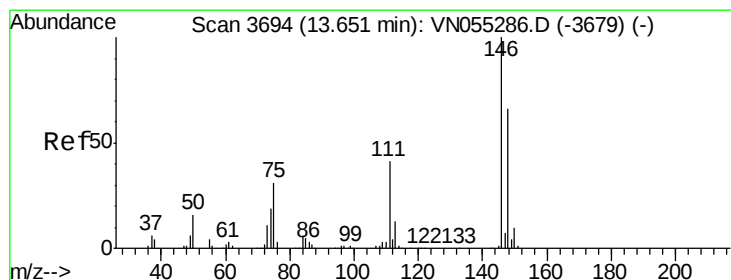
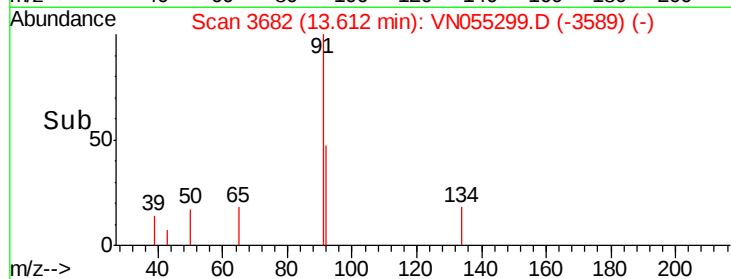
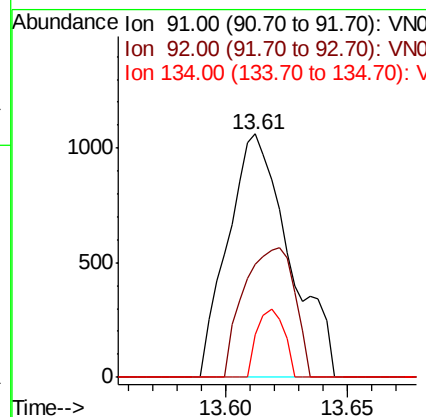
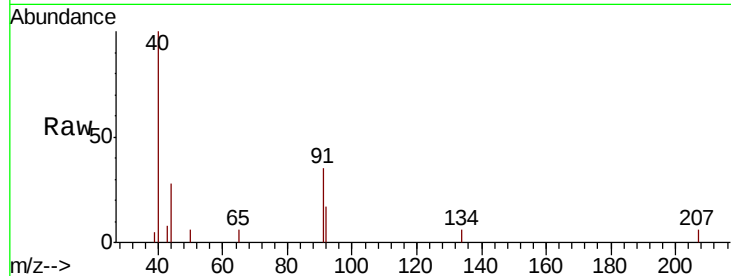




#89
n-Butylbenzene
Concen: 0.273 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055299.D
Acq: 30 Apr 2019 11:22

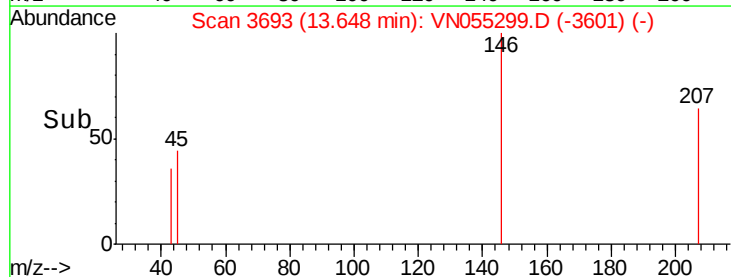
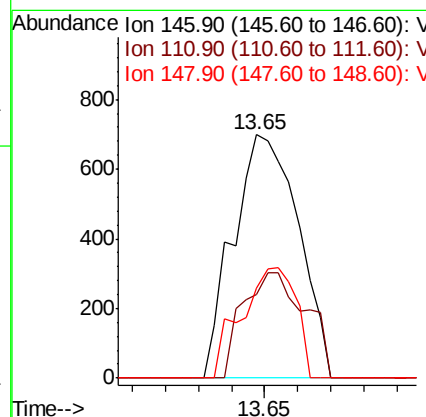
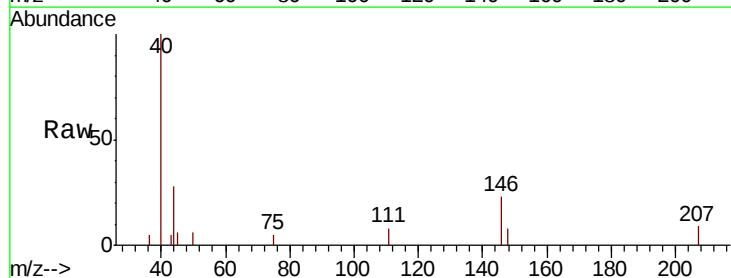
Instrument :
MSVOA_N
ClientSampled :

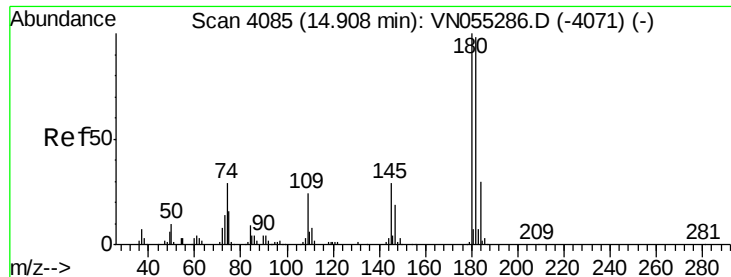
Tot Ion: 91 Resp: 1852
Ion Ratio Lower Upper
91 100
92 44.1 26.1 78.3
134 12.3 12.4 37.4#



#91
1,2-Dichlorobenzene
Concen: 0.211 ug/l
RT: 13.65 min Scan# 3693
Delta R.T. -0.00 min
Lab File: VN055299.D
Acq: 30 Apr 2019 11:22

Tgt Ion: 146 Resp: 955
Ion Ratio Lower Upper
146 100
111 42.1 20.3 61.0
148 37.9 32.4 97.2

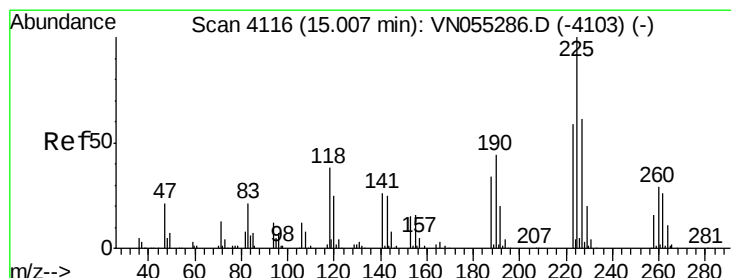
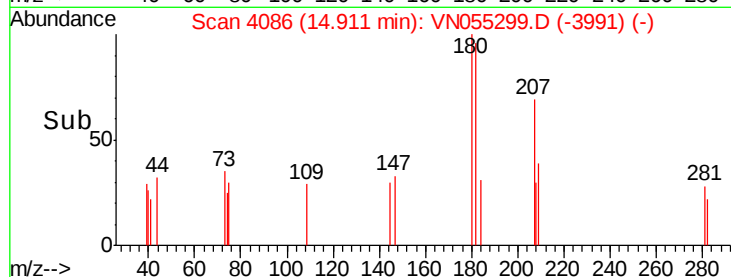
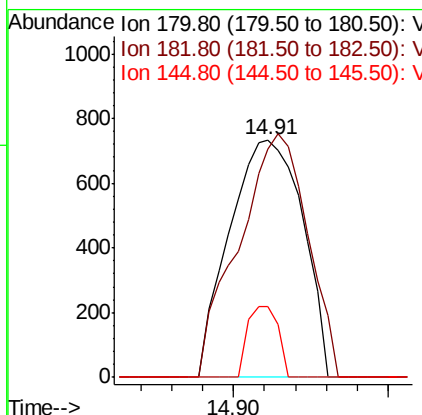
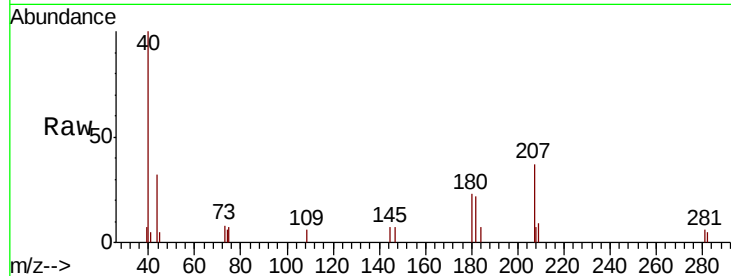




#93
 1,2,4-Trichlorobenzene
 Concen: 3.942 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055299.D
 Acq: 30 Apr 2019 11:22

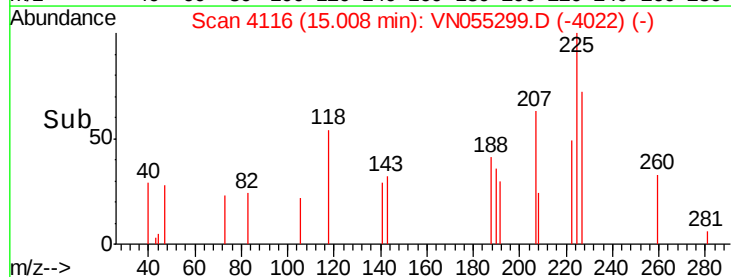
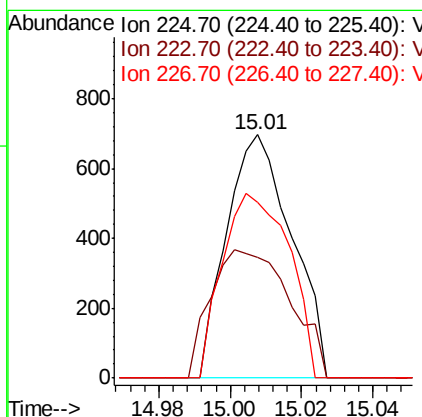
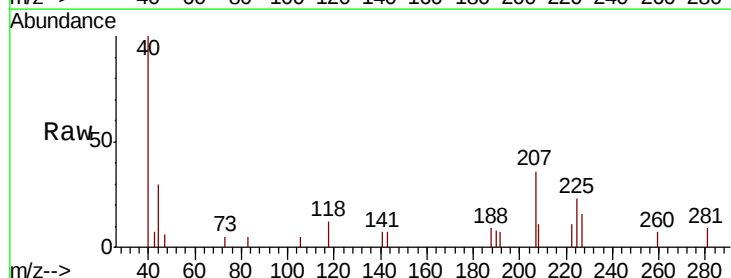
Instrument :
 MSVOA_N
 ClientSampled :

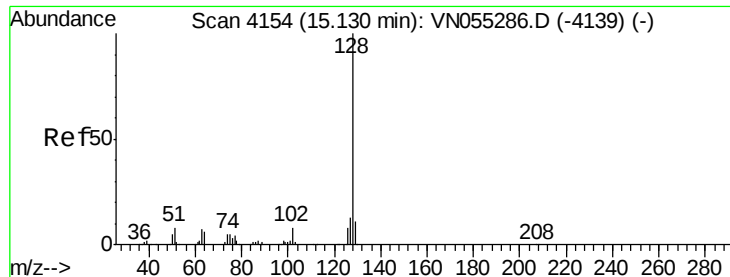
Tot Ion:180 Resp: 1207
 Ion Ratio Lower Upper
 180 100
 182 96.6 48.3 144.9
 145 12.4 14.2 42.6#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055299.D
 Acq: 30 Apr 2019 11:22

Tgt Ion:225 Resp: 877
 Ion Ratio Lower Upper
 225 100
 223 64.2 30.3 90.8
 227 78.1 30.9 92.7





#95

Naphthalene

Concen: 4.022 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055299.D

Acq: 30 Apr 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

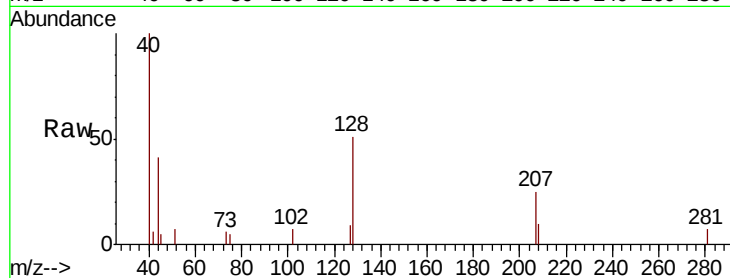
Tot Ion:128 Resp: 2820

Ion Ratio Lower Upper

128 100

127 10.8 10.7 16.1

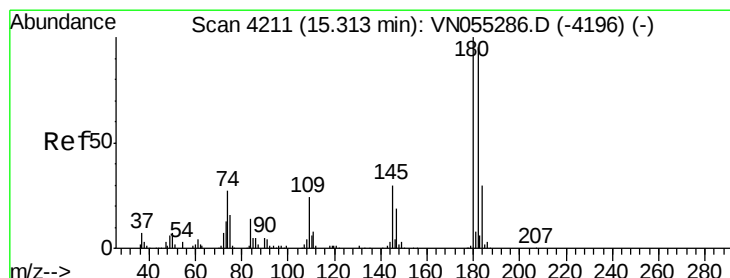
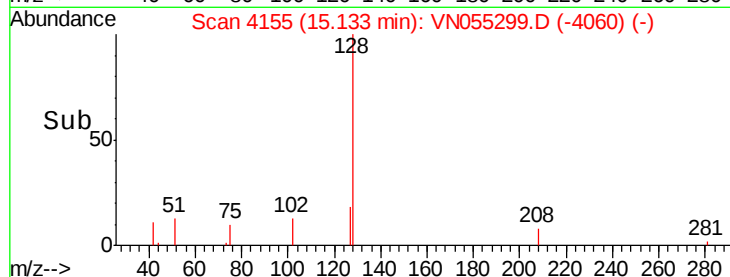
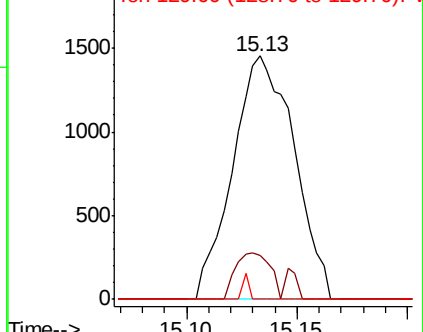
129 1.1 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.140 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN055299.D

Acq: 30 Apr 2019 11:22

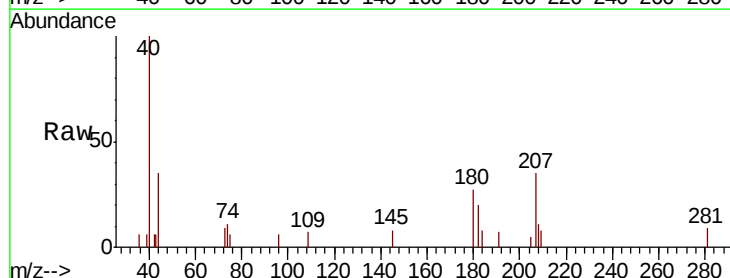
Tgt Ion:180 Resp: 979

Ion Ratio Lower Upper

180 100

182 149.2 48.3 144.9#

145 49.5 15.2 45.6#



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

