

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053029.D
 Acq On : 20 Dec 2018 00:10
 Operator : MD\SY
 Sample : J6411-02
 Misc : 5.65µ/5.0mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 36 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

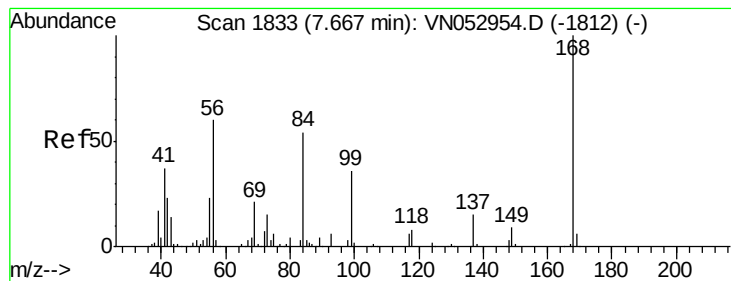
Quant Time: Dec 20 05:28:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1335114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2017768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1881683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	843911	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	638665	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
35) Dibromofluoromethane	7.59	113	524936	56.95	ug/l	0.00
Spiked Amount			Recovery	=	113.90%	
50) Toluene-d8	10.09	98	2531613	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.40	95	1105033	63.62	ug/l	0.00
Spiked Amount			Recovery	=	127.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	246	0.328	ug/l #	29
16) Acetone	3.82	43	884	0.333	ug/l #	81
18) Methyl Acetate	4.34	43	3582	1.283	ug/l #	74
31) Cyclohexane	7.67	56	21558	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	86164	4.449	ug/l #	49
38) Carbon Tetrachloride	7.67	117	112053	6.312	ug/l #	17
43) Isopropyl Acetate	8.34	43	244708	10.879	ug/l #	53
55) 1,1,2-Trichloroethane	10.53	97	170522	13.689	ug/l #	19
56) Ethyl methacrylate	10.43	69	74080	4.493	ug/l #	21
59) 2-Hexanone	10.72	43	1010549	142.653	ug/l #	27
71) Bromoform	12.40	173	5013	0.478	ug/l #	1
73) Isopropylbenzene	12.25	105	2449699	37.100	ug/l	99
74) N-amyl acetate	12.05	43	3359264	183.246	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.48	83	295199	22.789	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	34724	2.444	ug/l #	100
77) Bromobenzene	12.50	156	4225	0.246	ug/l #	1
78) n-propylbenzene	12.59	91	6311775	83.932	ug/l	100
79) 2-Chlorotoluene	12.59	91	6311775	135.408	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.25	75	24887	5.646	ug/l #	1
82) 4-Chlorotoluene	12.59	91	6319539	138.496	ug/l #	40
83) tert-Butylbenzene	12.99	119	521756	10.962	ug/l	95
84) 1,2,4-Trimethylbenzene	13.17	105	3948526	72.981	ug/l #	31
85) sec-Butylbenzene	13.17	105	3948526	61.331	ug/l #	75
86) p-Isopropyltoluene	13.45	119	770687	13.854	ug/l	94
89) n-Butylbenzene	13.62	91	3218950	67.258	ug/l	91
90) Hexachloroethane	13.89	117	538200	63.043	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.29	75	6168	2.754	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	2384	0.752	ug/l #	1
94) Hexachlorobutadiene	15.01	225	736	Below Cal		78
95) Naphthalene	15.13	128	5116	1.297	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	3428	0.757	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

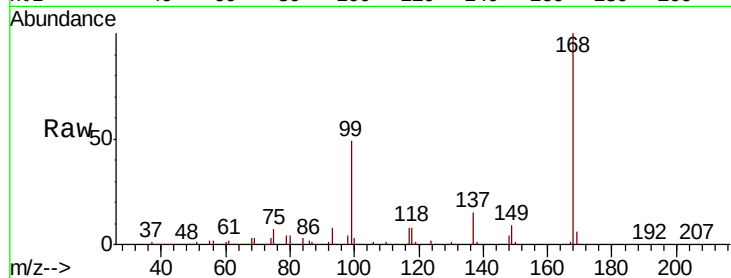
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1335114

Ion Ratio Lower Upper

168 100

99 48.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

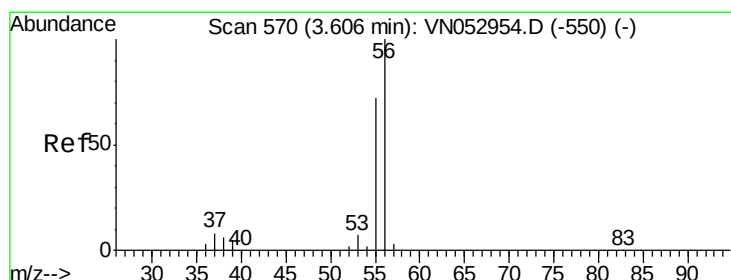
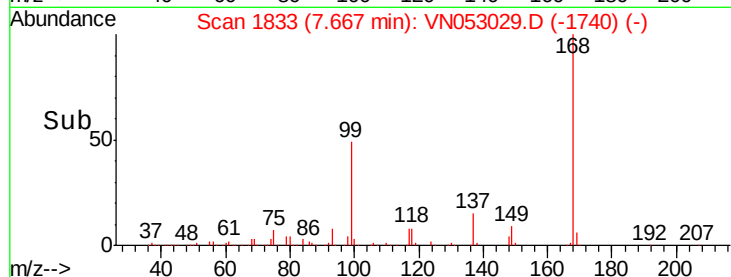
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.328 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN053029.D

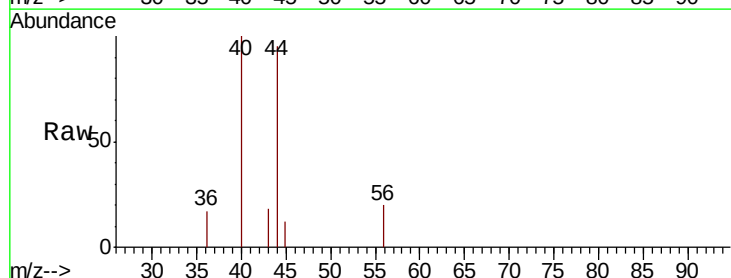
Acq: 20 Dec 2018 00:10

Tgt Ion: 56 Resp: 246

Ion Ratio Lower Upper

56 100

55 11.8 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.60

250

200

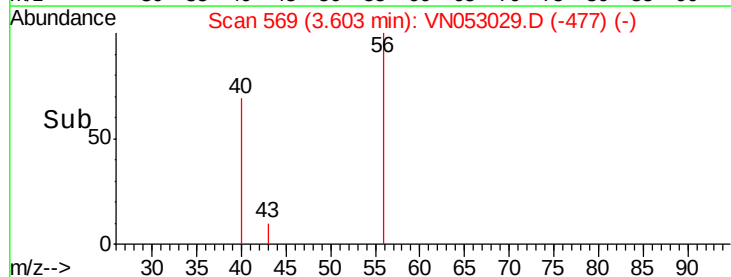
150

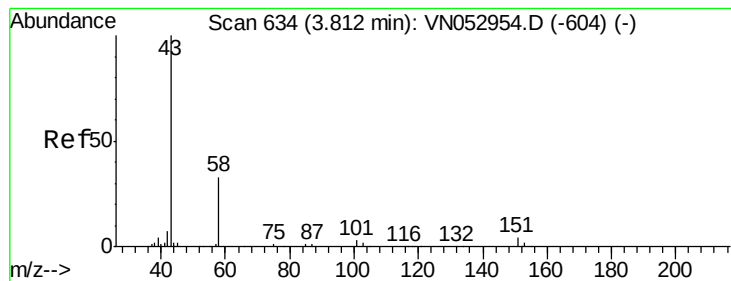
100

50

0

Time-->





#16

Acetone

Concen: 0.333 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

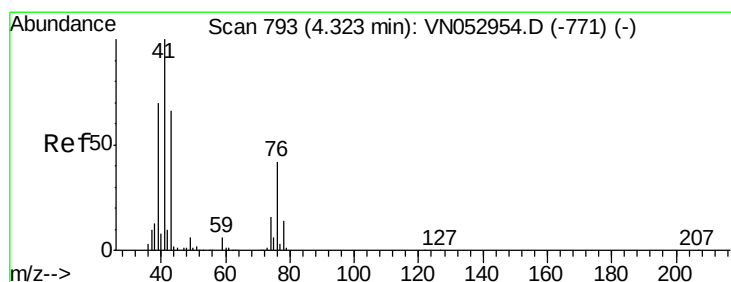
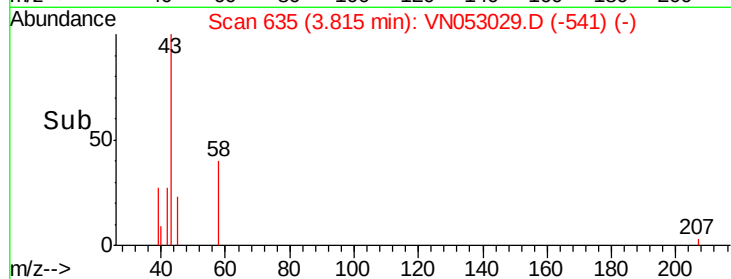
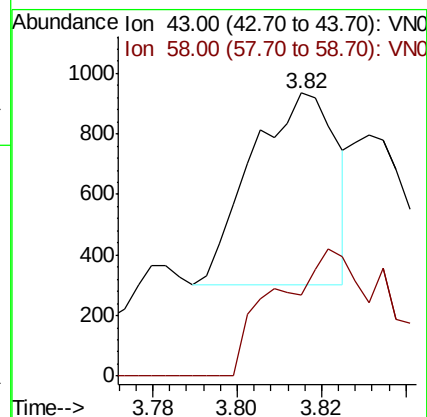
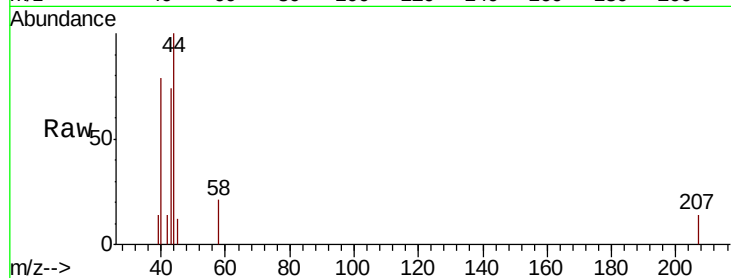
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 884

Ion Ratio Lower Upper

43 100

58 42.5 25.4 38.0#



#18

Methyl Acetate

Concen: 1.283 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN053029.D

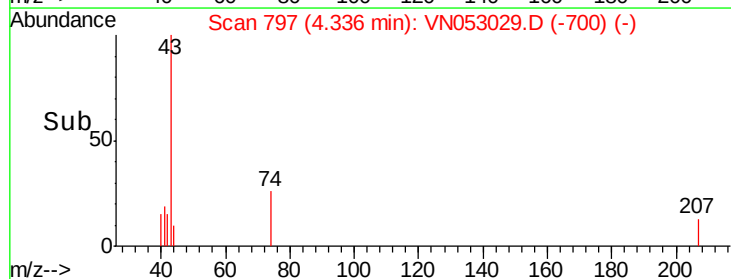
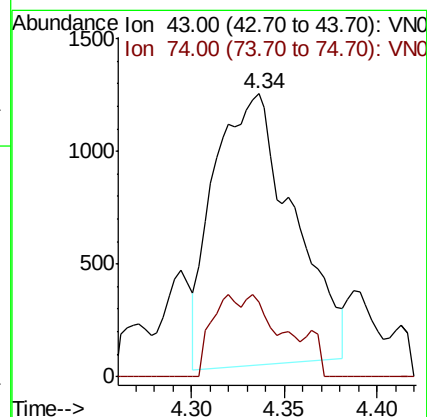
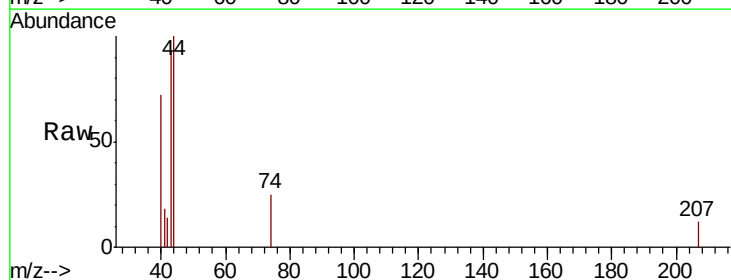
Acq: 20 Dec 2018 00:10

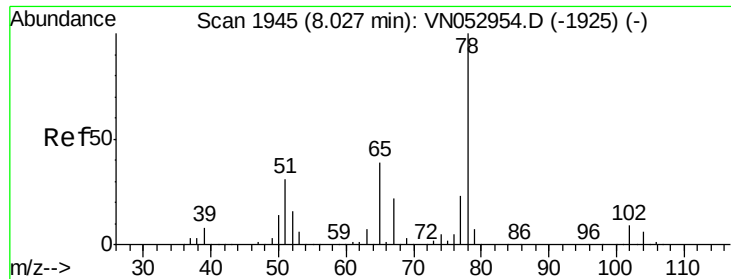
Tgt Ion: 43 Resp: 3582

Ion Ratio Lower Upper

43 100

74 11.2 19.2 28.8#

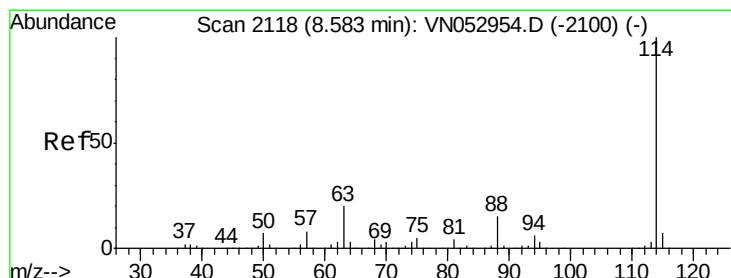
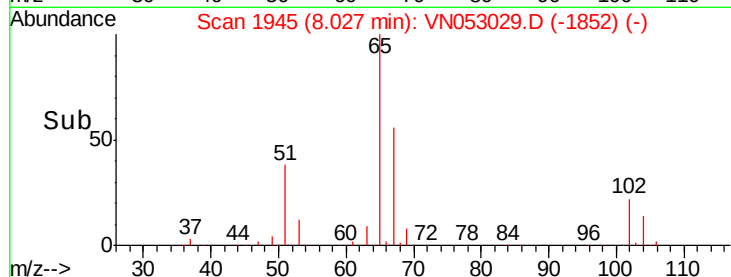
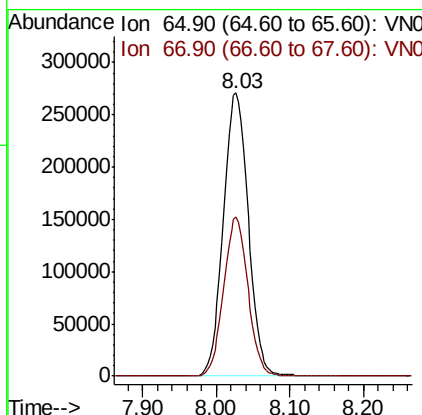
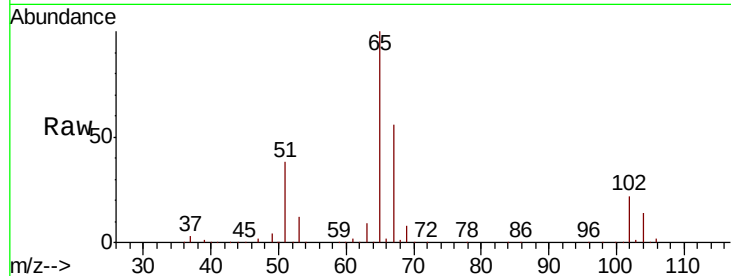




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053029.D
 Acq: 20 Dec 2018 00:10

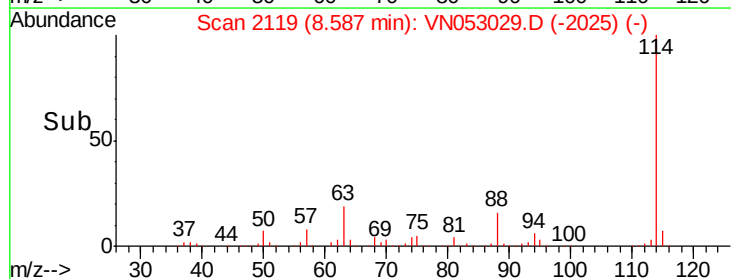
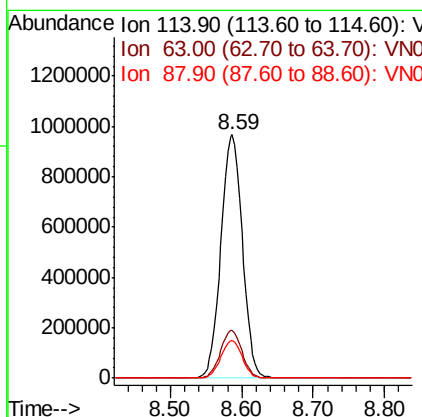
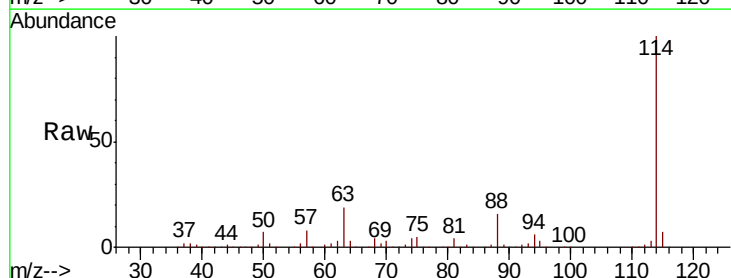
Instrument :
 MSVOA_N
 ClientSampleId :

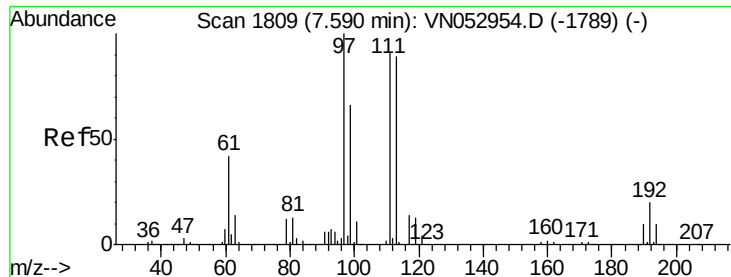
Tot Ion: 65 Resp: 638665
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053029.D
 Acq: 20 Dec 2018 00:10

Tgt Ion: 114 Resp: 2017768
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.6 0.0 31.0

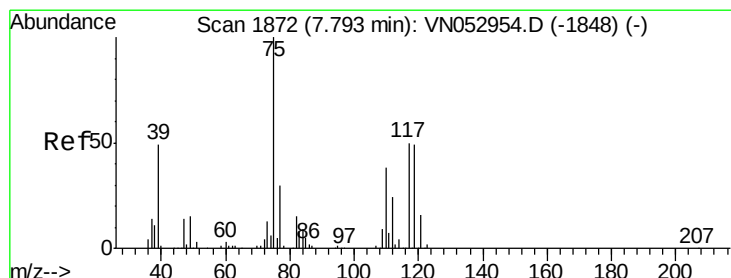
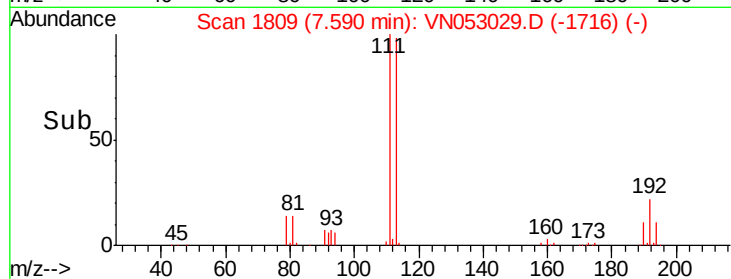
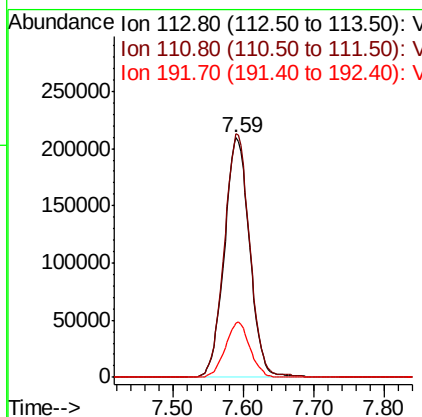
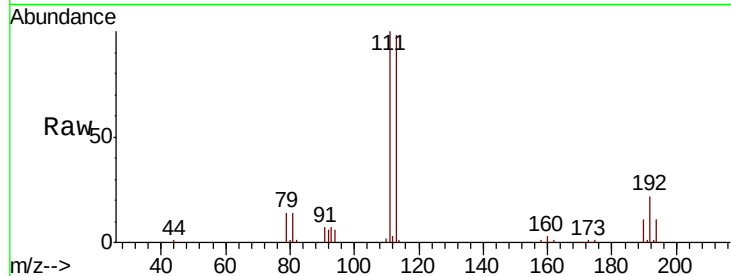




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053029.D
 Acq: 20 Dec 2018 00:10

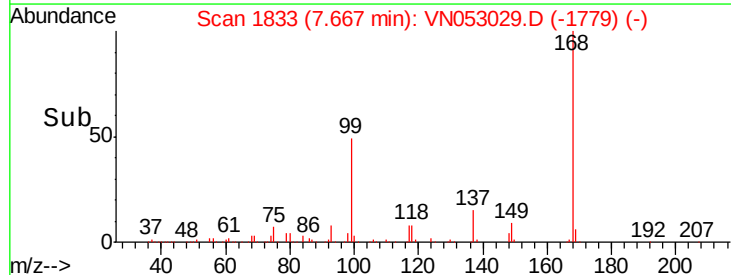
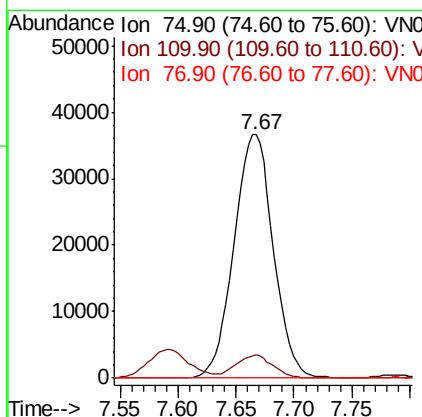
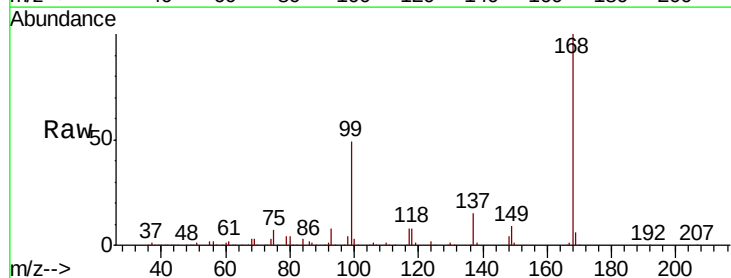
Instrument :
 MSVOA_N
 ClientSampled :

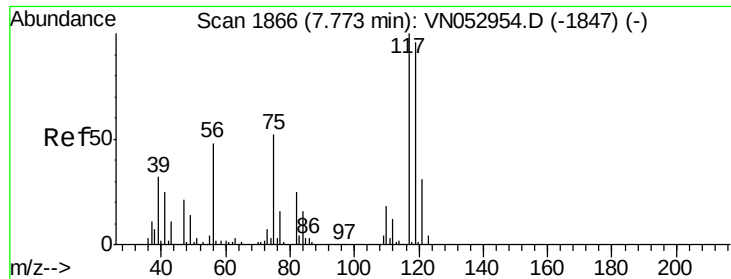
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.0	124.4
192	22.3	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.449 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053029.D
 Acq: 20 Dec 2018 00:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.2	54.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.312 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

Instrument :

MSVOA_N

ClientSampled :

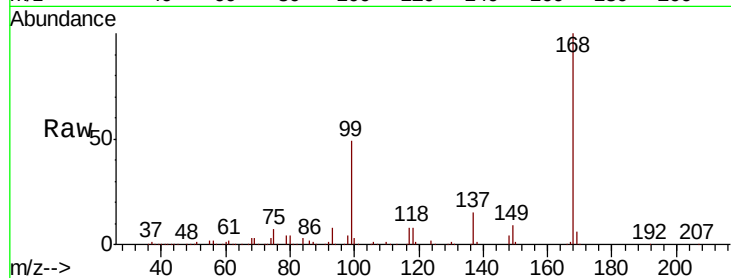
Tot Ion:117 Resp: 112053

Ion Ratio Lower Upper

117 100

119 6.2 77.1 115.7#

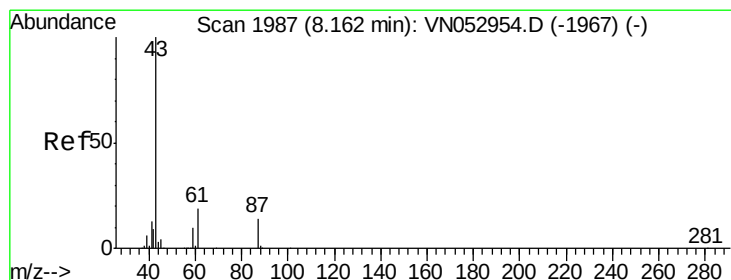
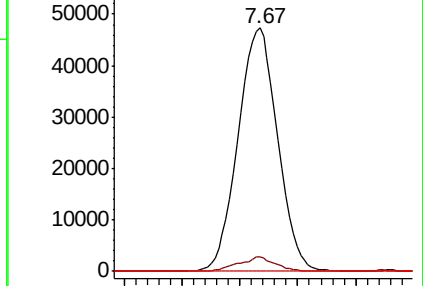
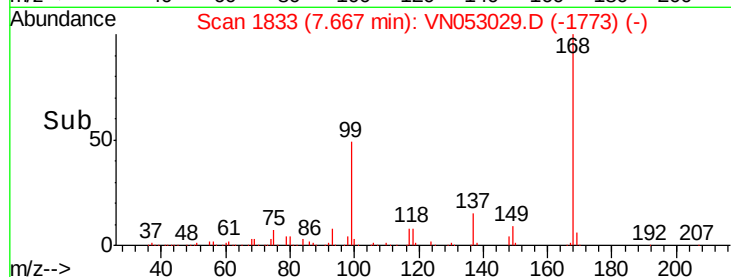
121 0.0 24.9 37.3#



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: 10.879 ug/l

RT: 8.34 min Scan# 2042

Delta R.T. 0.18 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

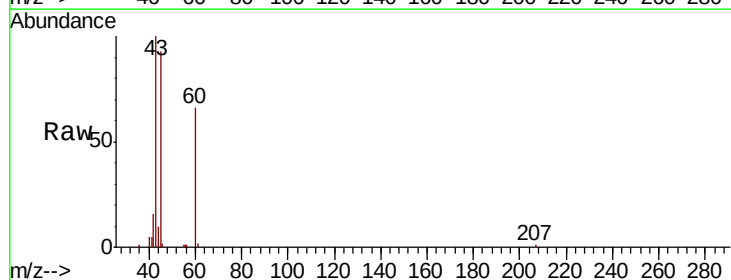
Tgt Ion: 43 Resp: 244708

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

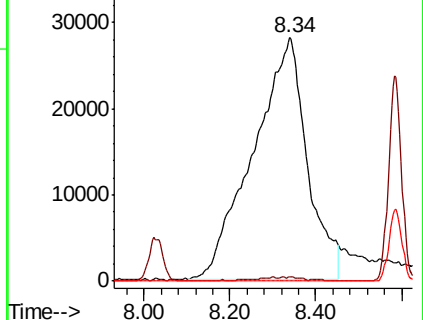
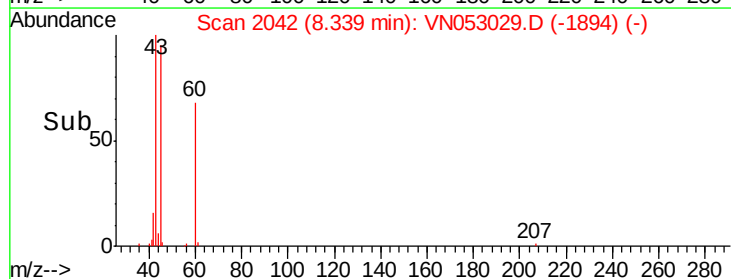
87 0.0 10.6 15.8#

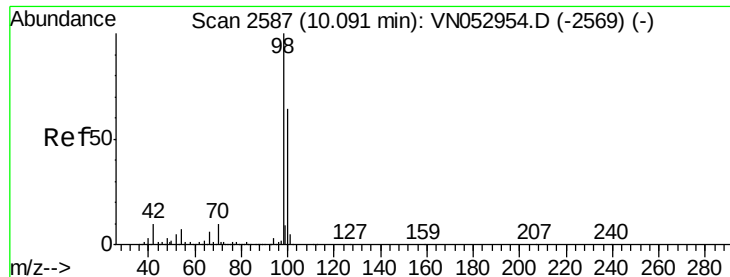


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

Instrument :

MSVOA_N

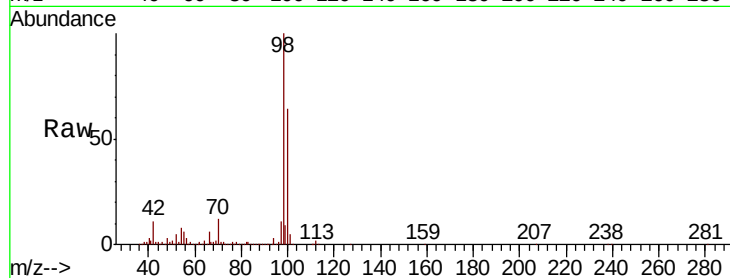
ClientSampleId :

Tot Ion: 98 Resp: 2531613

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

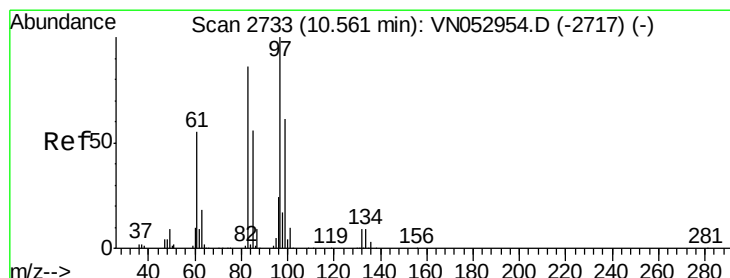
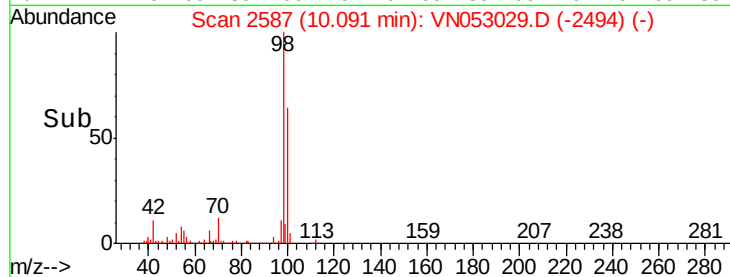
1500000

1000000

500000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 13.689 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

Tgt Ion: 97 Resp: 170522

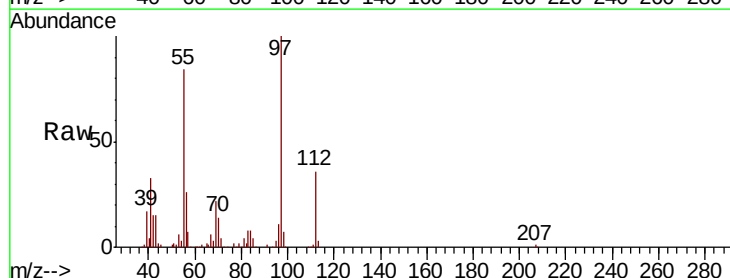
Ion Ratio Lower Upper

97 100

83 8.1 70.9 106.3#

85 4.3 45.4 68.2#

99 0.2 50.4 75.6#



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

200000

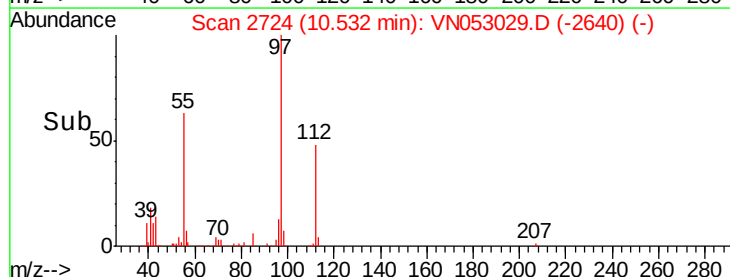
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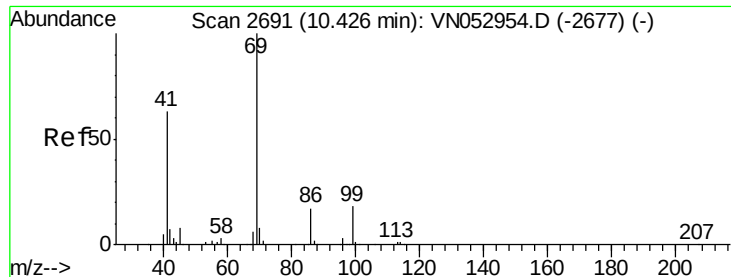
100000

50000

0

Time-->

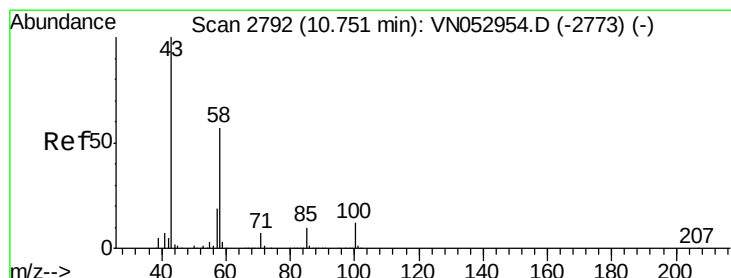
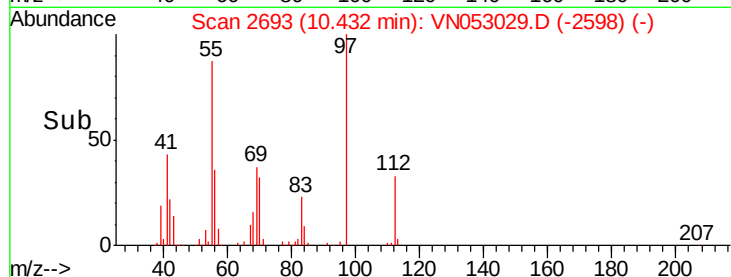
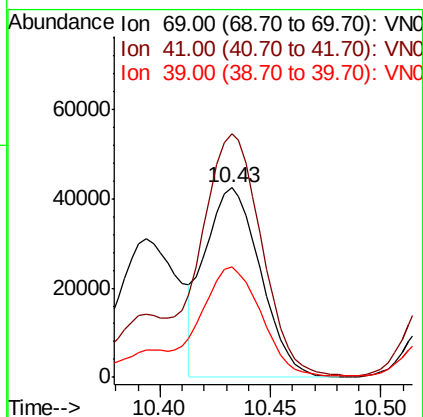
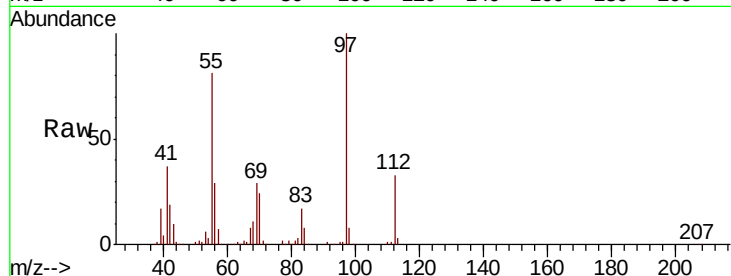




#56
Ethyl methacrylate
Concen: 4.493 ug/l
RT: 10.43 min Scan# 2693
Delta R.T. 0.01 min
Lab File: VN053029.D
Acq: 20 Dec 2018 00:10

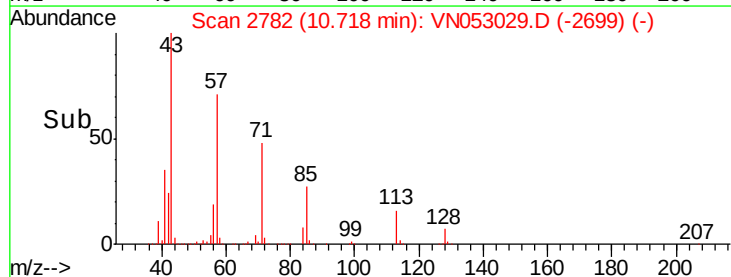
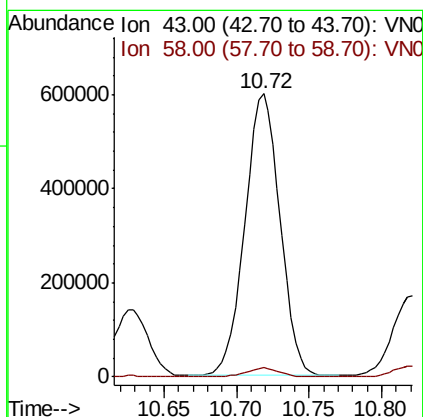
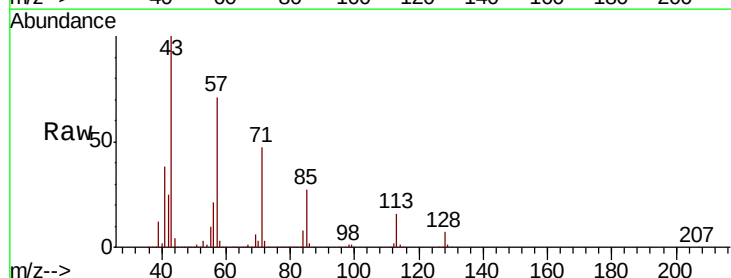
Instrument :
MSVOA_N
ClientSampled :

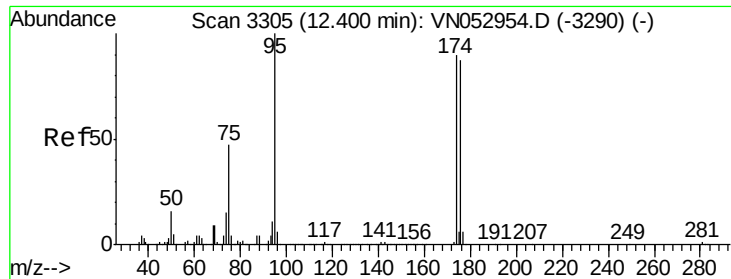
Tot Ion: 69 Resp: 74080
Ion Ratio Lower Upper
69 100
41 136.0 51.7 77.5#
39 61.3 24.6 37.0#



#59
2-Hexanone
Concen: 142.653 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053029.D
Acq: 20 Dec 2018 00:10

Tgt Ion: 43 Resp: 1010549
Ion Ratio Lower Upper
43 100
58 3.0 28.1 84.3#





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

Instrument :

MSVOA_N

ClientSampled :

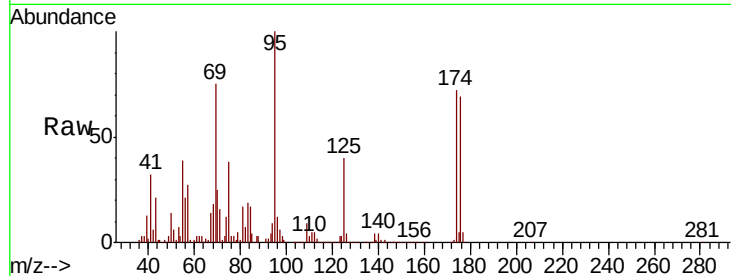
Tot Ion: 95 Resp: 1105033

Ion Ratio Lower Upper

95 100

174 70.2 0.0 178.8

176 68.3 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)

12.40

800000

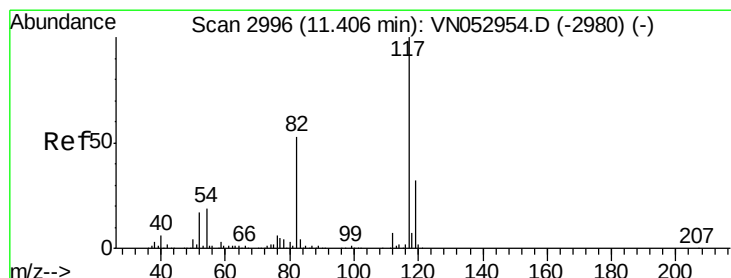
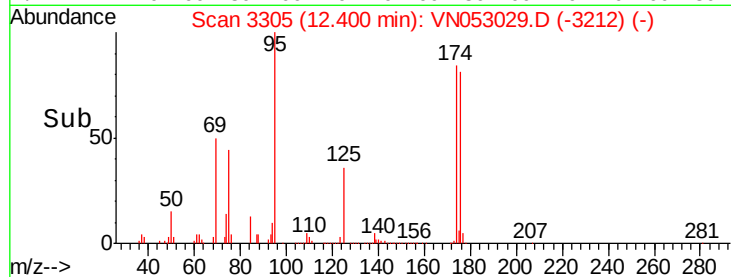
600000

400000

200000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

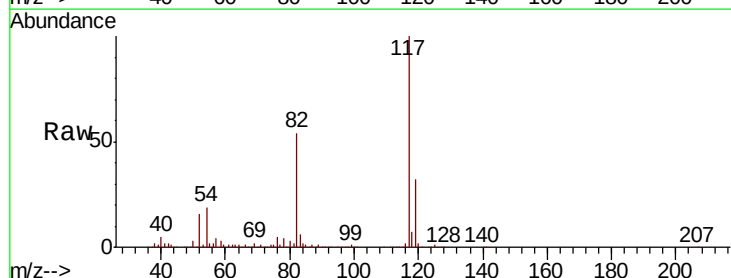
Tgt Ion: 117 Resp: 1881683

Ion Ratio Lower Upper

117 100

82 50.2 42.8 64.2

119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)

11.41

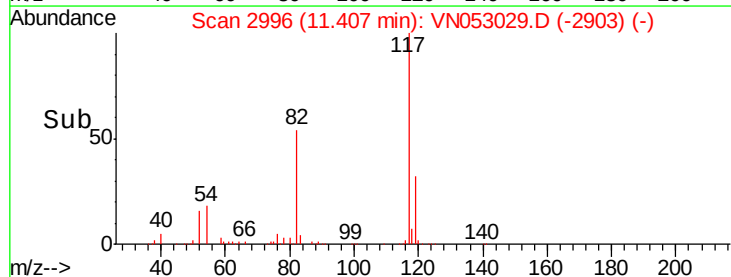
1500000

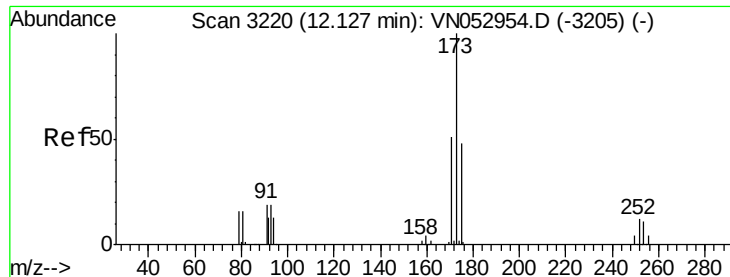
1000000

500000

0

Time-->





#71

Bromoform

Concen: 0.478 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

Instrument :

MSVOA_N

ClientSampled :

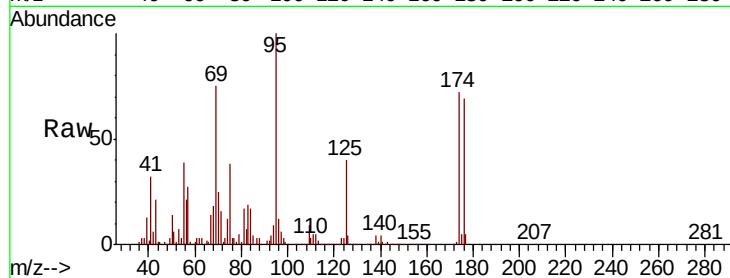
Tot Ion:173 Resp: 5013

Ion Ratio Lower Upper

173 100

175 936.7 24.3 72.9#

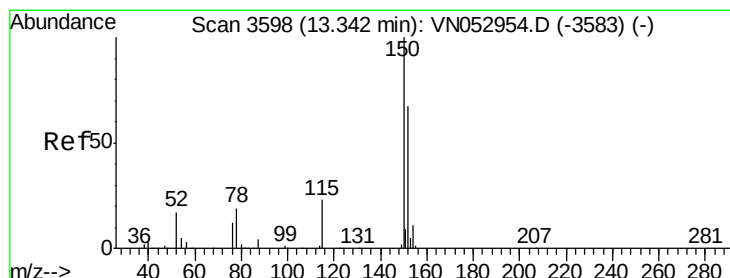
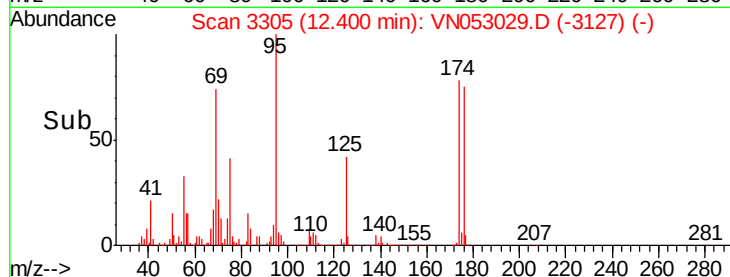
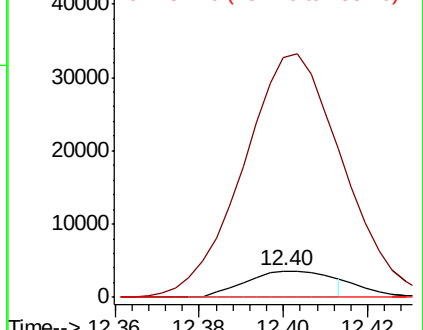
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

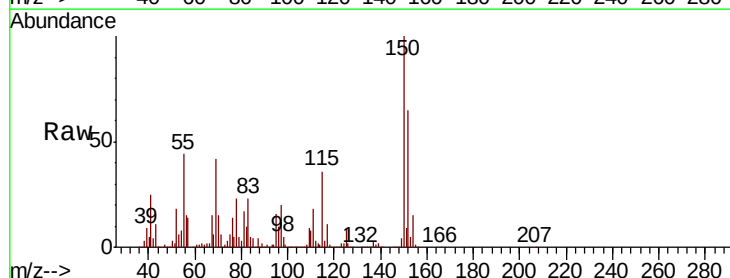
Tgt Ion:152 Resp: 843911

Ion Ratio Lower Upper

152 100

115 50.1 28.3 85.0

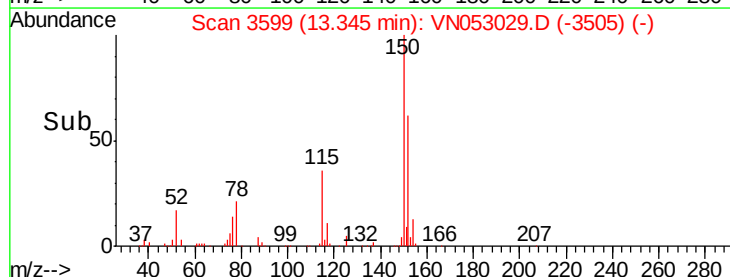
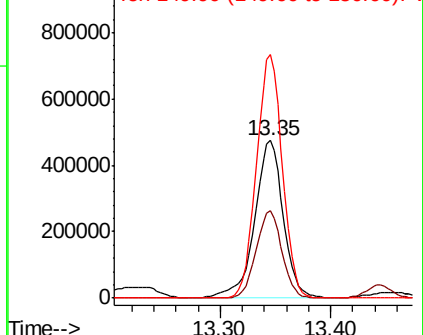
150 140.9 0.0 347.8

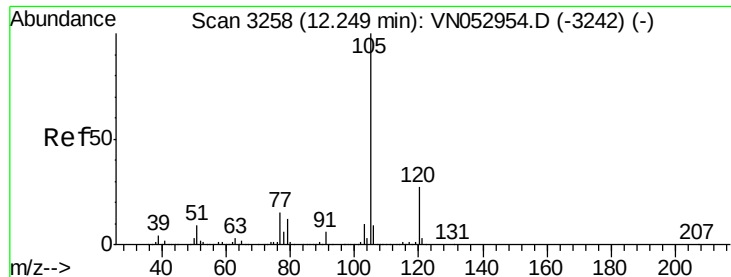


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 37.100 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

Instrument :

MSVOA_N

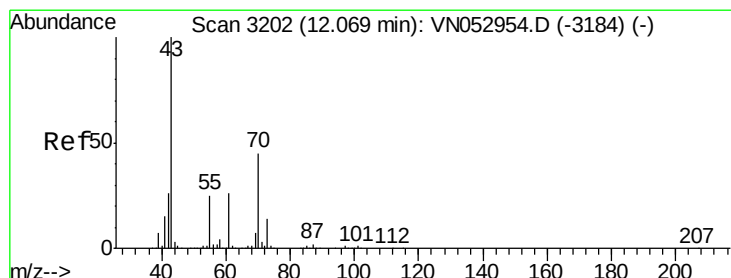
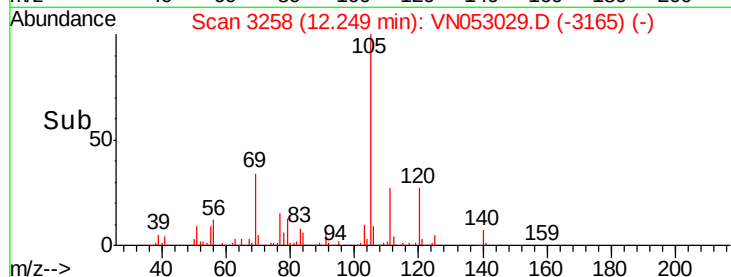
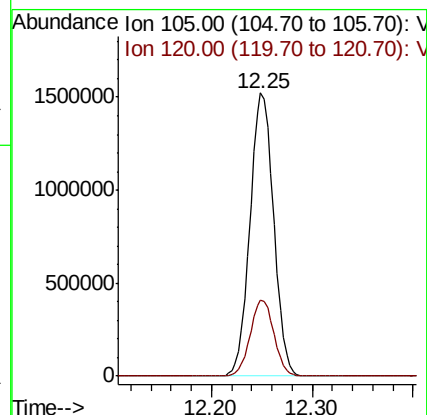
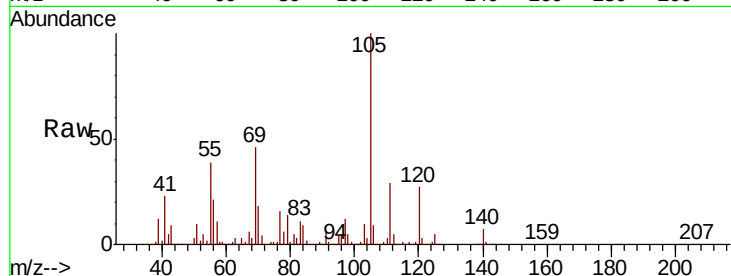
ClientSampled :

Tot Ion:105 Resp: 2449699

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 183.246 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

Tgt Ion: 43 Resp: 3359264

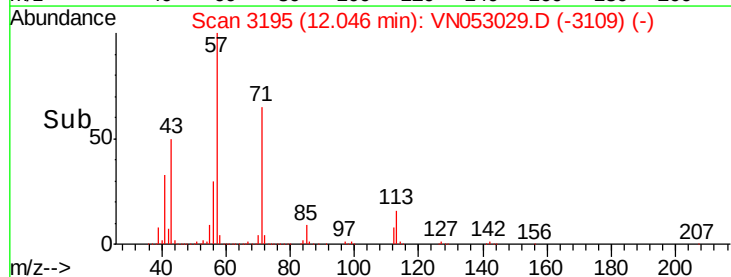
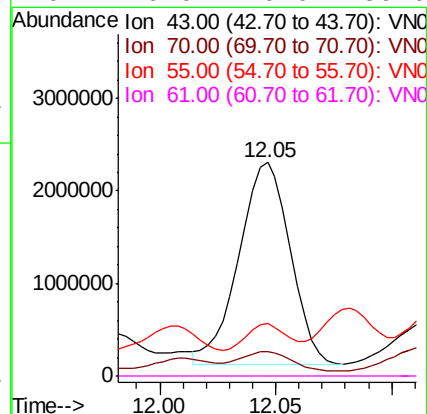
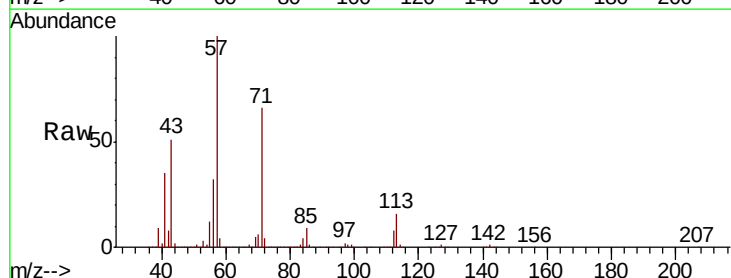
Ion Ratio Lower Upper

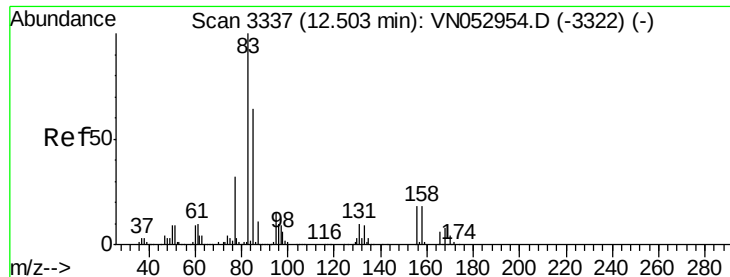
43 100

70 9.3 34.2 51.4#

55 22.6 20.3 30.5

61 0.0 20.0 30.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 22.789 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.03 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

Instrument :

MSVOA_N

ClientSampleId :

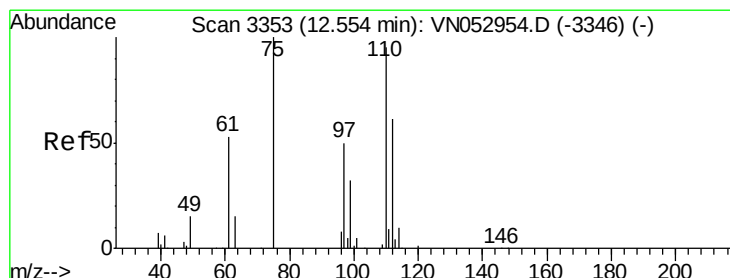
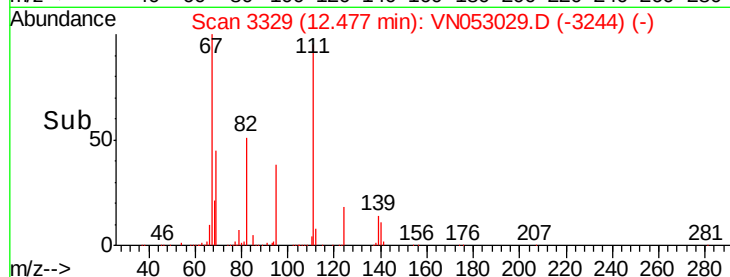
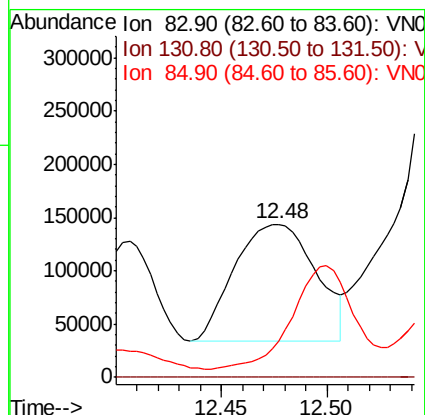
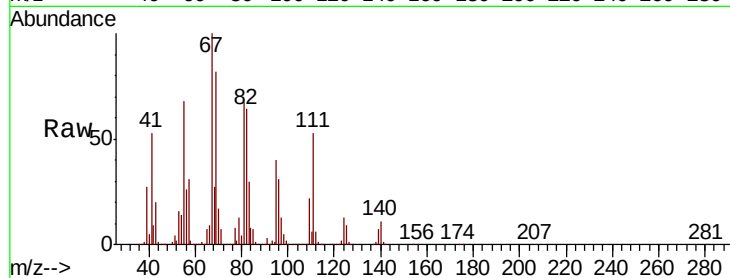
Tot Ion: 83 Resp: 295199

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 2.444 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.04 min

Lab File: VN053029.D

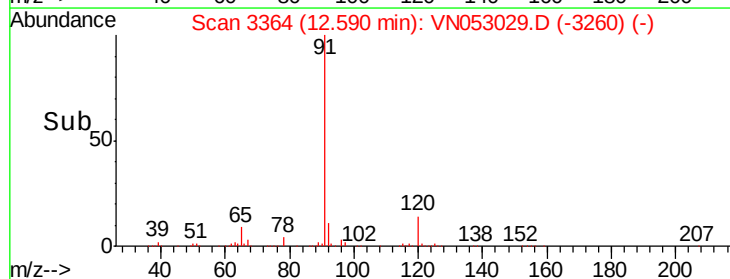
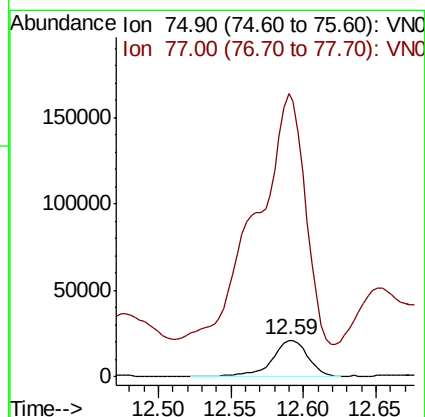
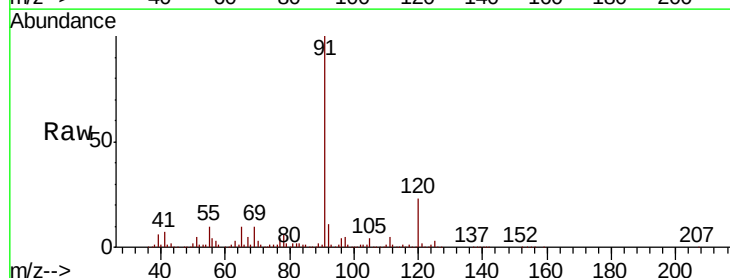
Acq: 20 Dec 2018 00:10

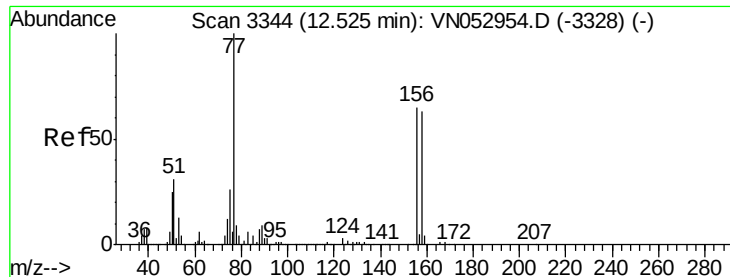
Tgt Ion: 75 Resp: 34724

Ion Ratio Lower Upper

75 100

77 956.9 0.0 0.0#





#77

Bromobenzene

Concen: 0.246 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.02 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

Instrument :

MSVOA_N

ClientSampleId :

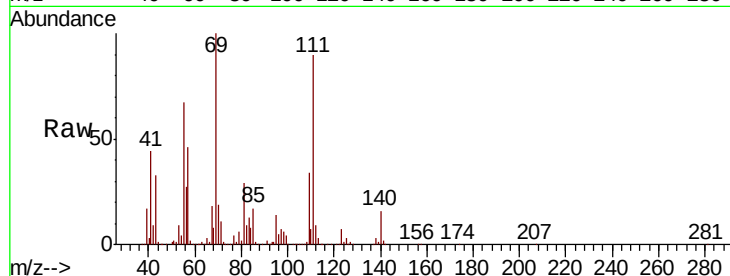
Tot Ion:156 Resp: 4225

Ion Ratio Lower Upper

156 100

77 0.0 91.3 273.8#

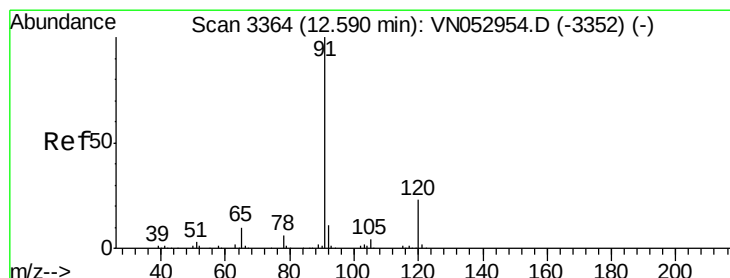
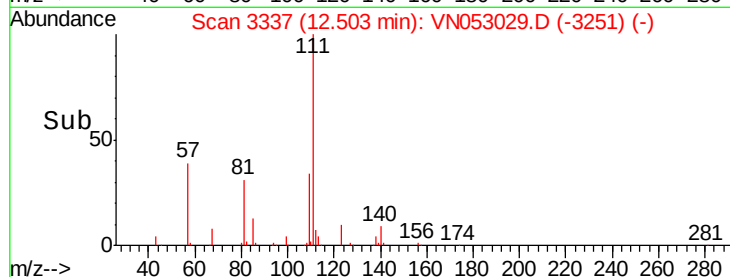
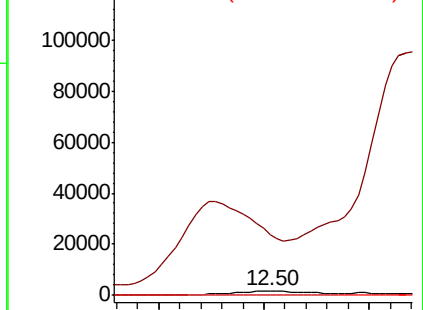
158 10.1 49.0 147.2#



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



#78

n-propylbenzene

Concen: 83.932 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053029.D

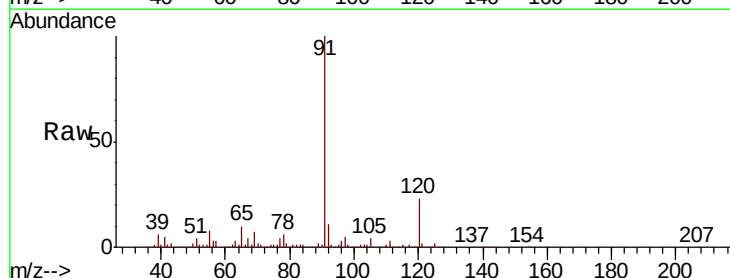
Acq: 20 Dec 2018 00:10

Tgt Ion: 91 Resp: 6311775

Ion Ratio Lower Upper

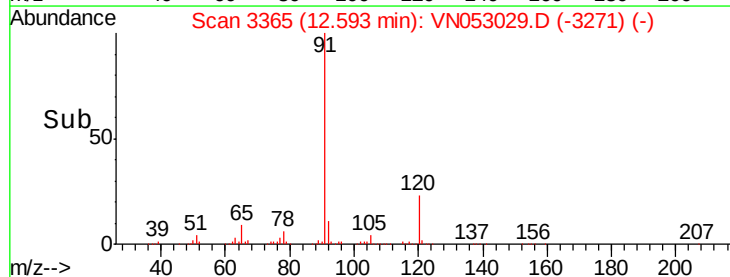
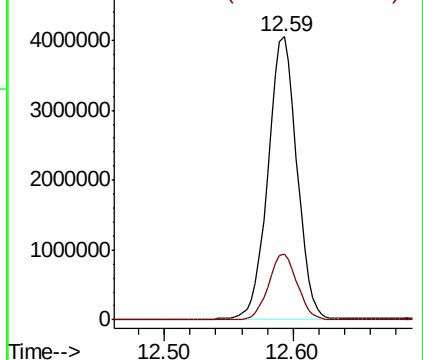
91 100

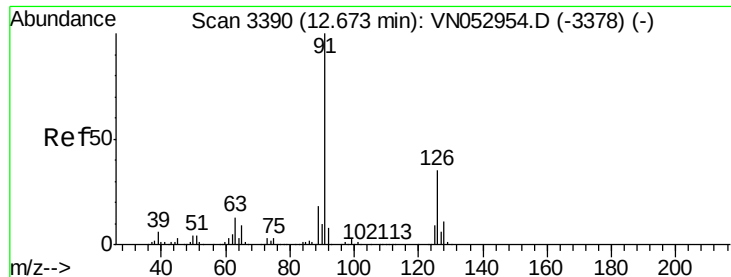
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 135.408 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

Instrument :

MSVOA_N

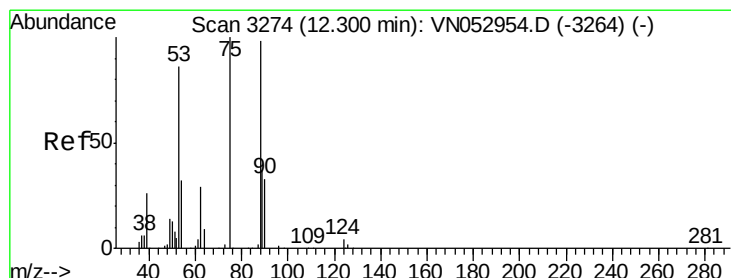
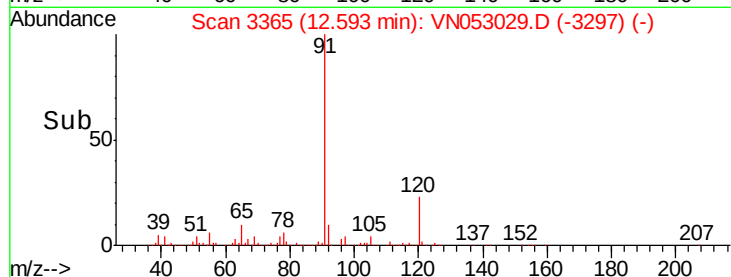
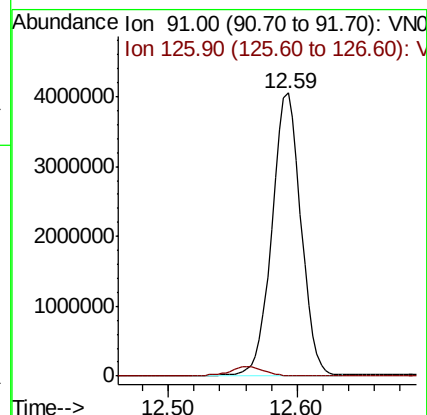
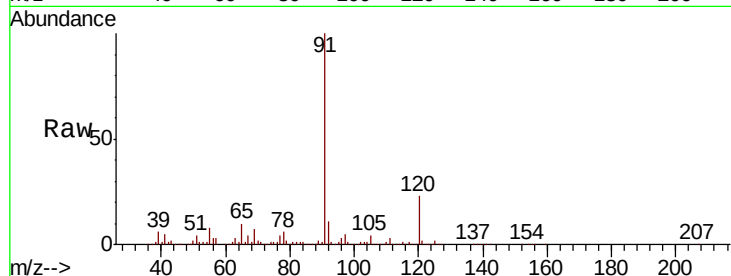
ClientSampleId :

Tot Ion: 91 Resp: 6311775

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 5.646 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

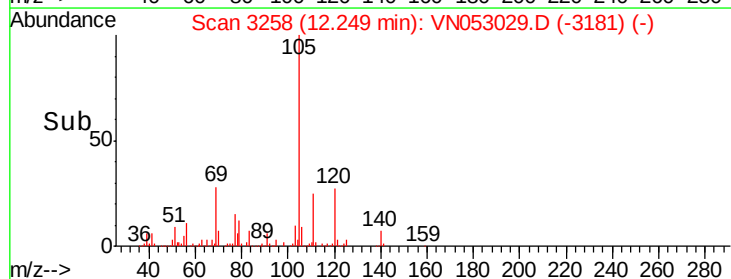
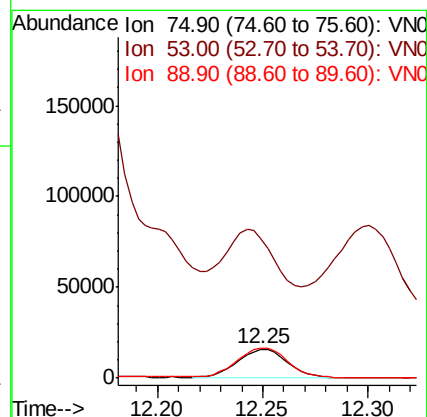
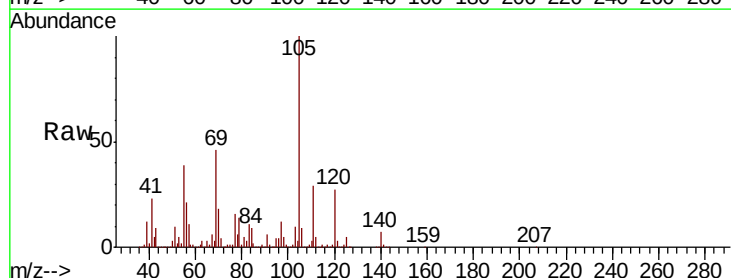
Tgt Ion: 75 Resp: 24887

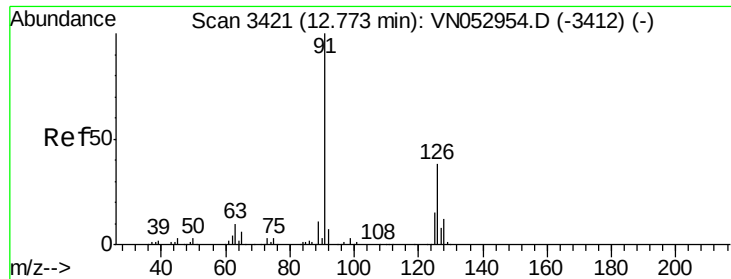
Ion Ratio Lower Upper

75 100

53 265.6 74.7 112.1#

89 109.4 36.1 54.1#

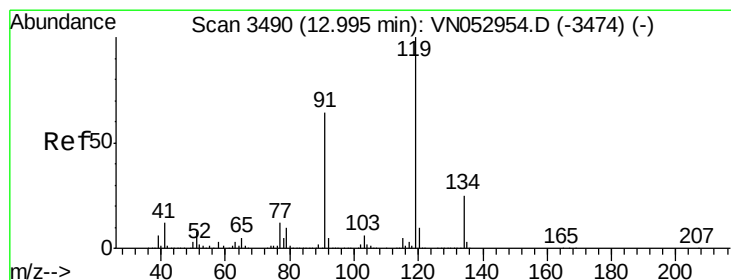
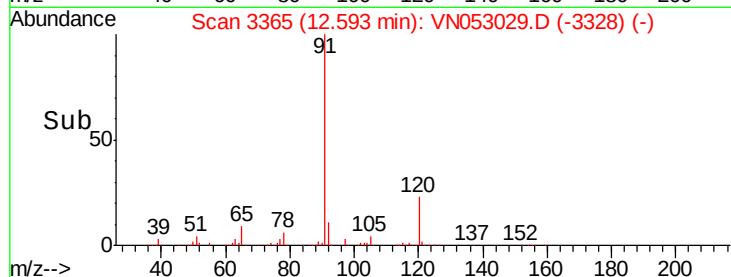
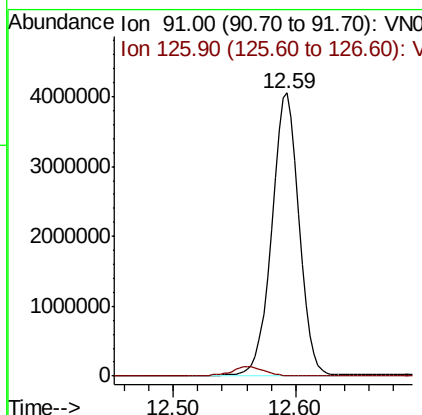
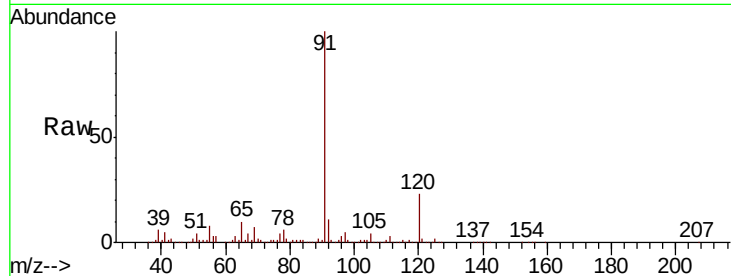




#82
4-Chlorotoluene
Concen: 138.496 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.18 min
Lab File: VN053029.D
Acq: 20 Dec 2018 00:10

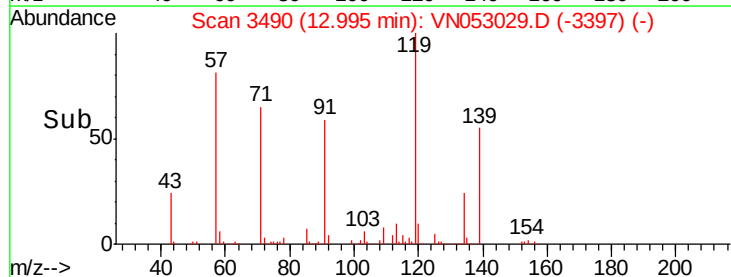
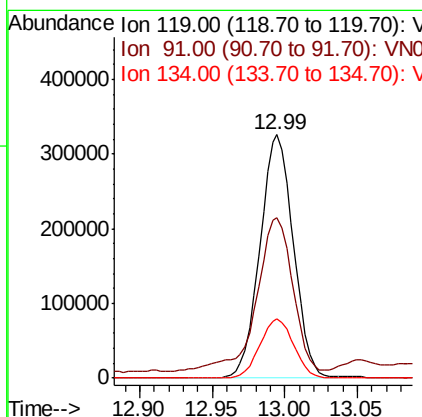
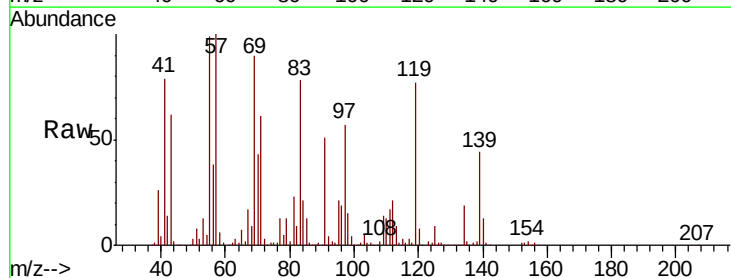
Instrument :
MSVOA_N
ClientSampleId :

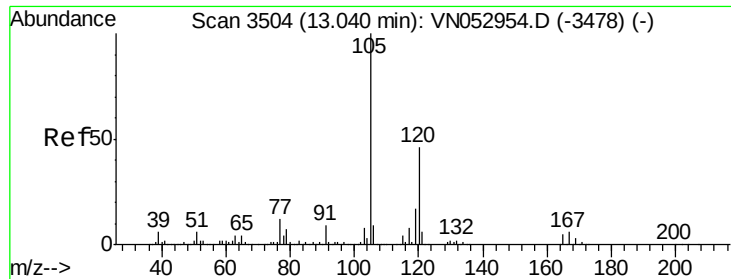
Tot Ion: 91 Resp: 6319539
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#



#83
tert-Butylbenzene
Concen: 10.962 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053029.D
Acq: 20 Dec 2018 00:10

Tgt Ion: 119 Resp: 521756
Ion Ratio Lower Upper
119 100
91 68.7 31.9 95.5
134 24.6 12.8 38.4

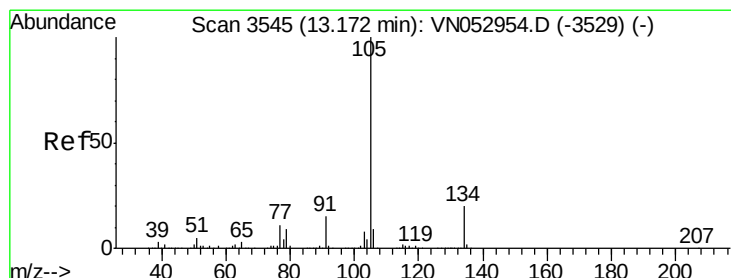
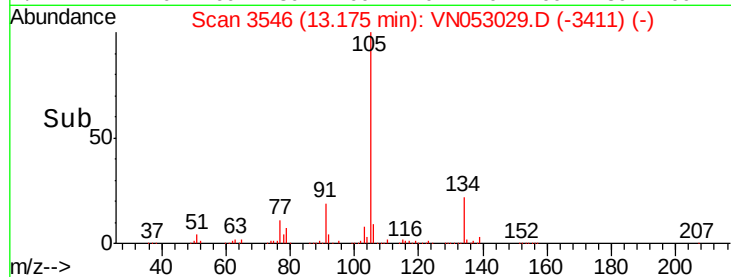
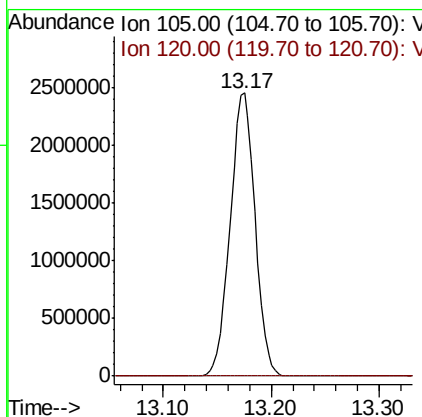
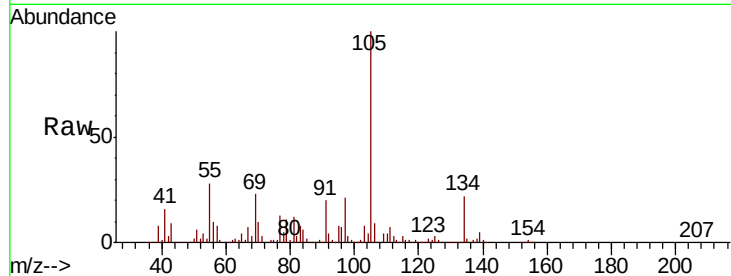




#84
 1,2,4-Trimethylbenzene
 Concen: 72.981 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.14 min
 Lab File: VN053029.D
 Acq: 20 Dec 2018 00:10

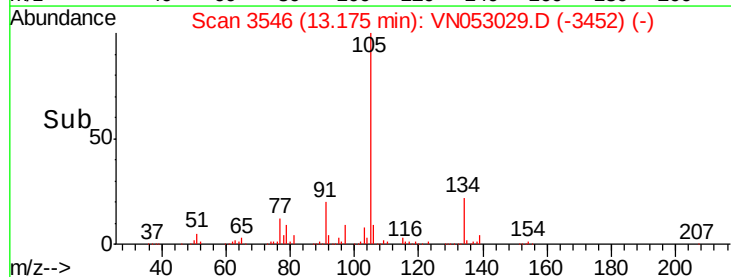
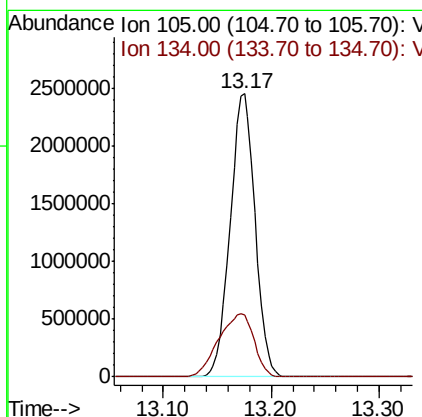
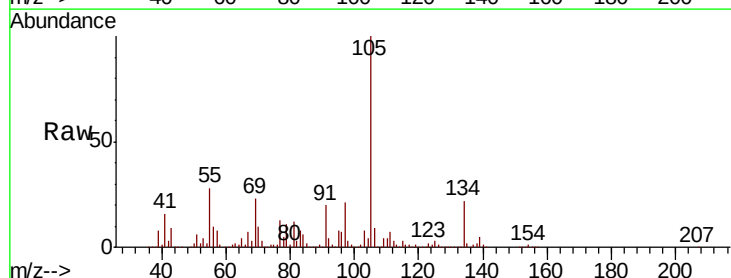
Instrument :
 MSVOA_N
 ClientSampled :

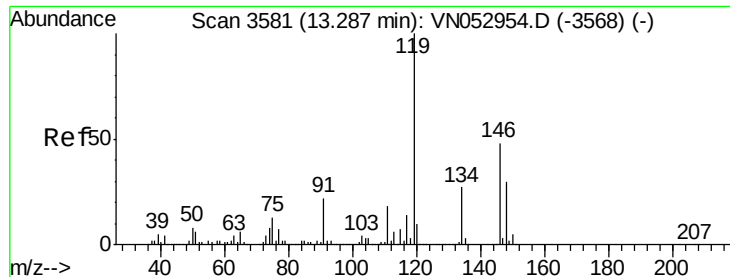
Tot Ion:105 Resp: 3948526
 Ion Ratio Lower Upper
 105 100
 120 0.2 22.9 68.8#



#85
 sec-Butylbenzene
 Concen: 61.331 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN053029.D
 Acq: 20 Dec 2018 00:10

Tgt Ion:105 Resp: 3948526
 Ion Ratio Lower Upper
 105 100
 134 31.7 10.1 30.3#

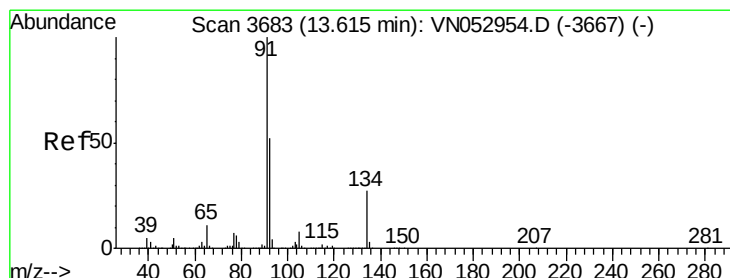
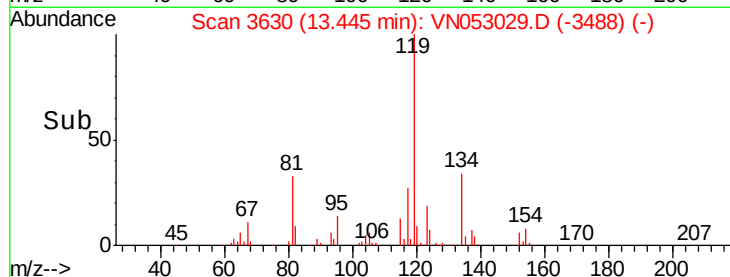
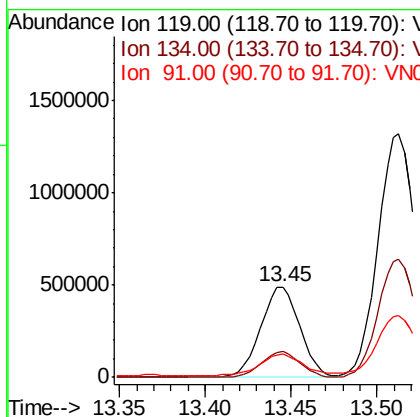
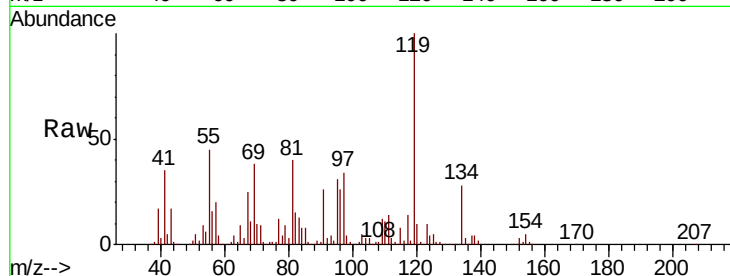




#86
 p-Isopropyltoluene
 Concen: 13.854 ug/l
 RT: 13.45 min Scan# 3630
 Delta R.T. 0.16 min
 Lab File: VN053029.D
 Acq: 20 Dec 2018 00:10

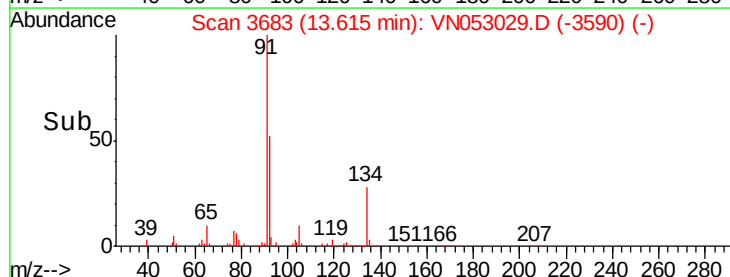
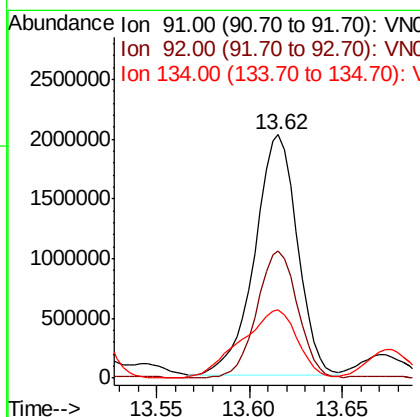
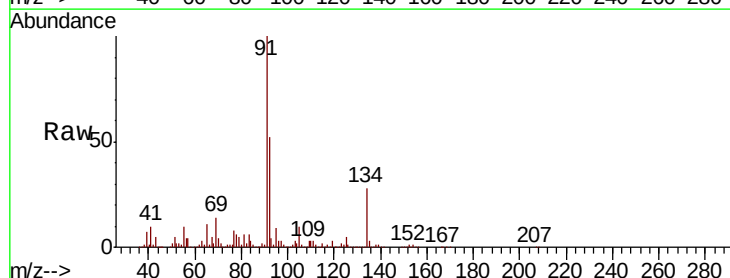
Instrument :
 MSVOA_N
 ClientSampleId :

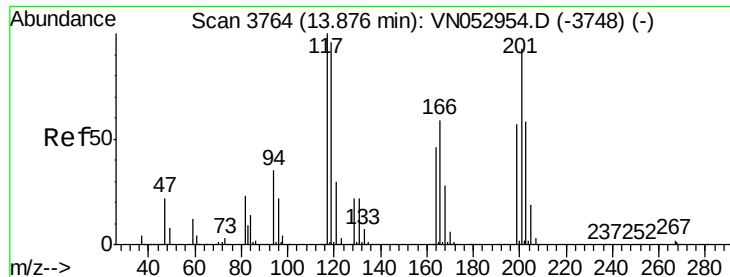
Tot Ion:119 Resp: 770687
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.4 40.2
 91 27.2 11.1 33.3



#89
 n-Butylbenzene
 Concen: 67.258 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN053029.D
 Acq: 20 Dec 2018 00:10

Tgt Ion: 91 Resp: 3218950
 Ion Ratio Lower Upper
 91 100
 92 50.4 26.3 78.9
 134 37.5 13.3 39.8





#90

Hexachloroethane

Concen: 63.043 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

Instrument :

MSVOA_N

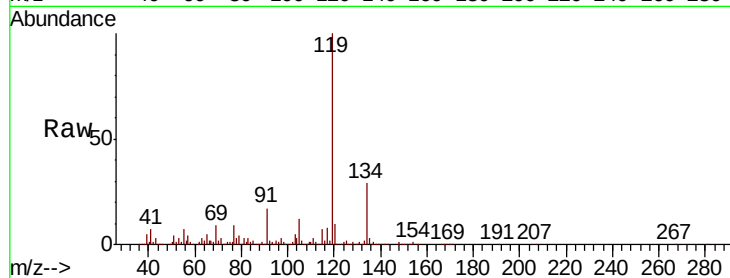
ClientSampled :

Tot Ion:117 Resp: 538200

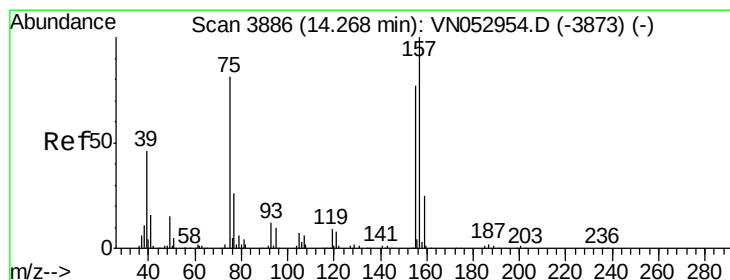
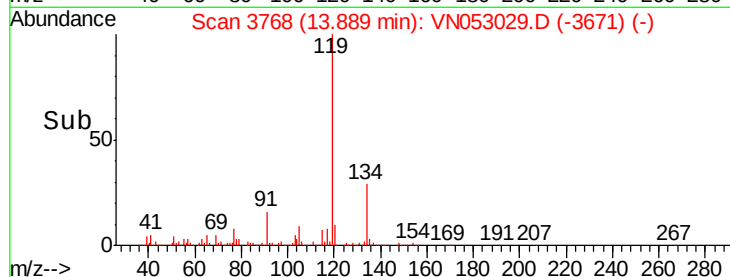
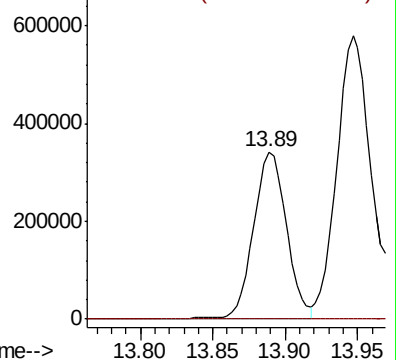
Ion Ratio Lower Upper

117 100

201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.754 ug/l

RT: 14.29 min Scan# 3893

Delta R.T. 0.02 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

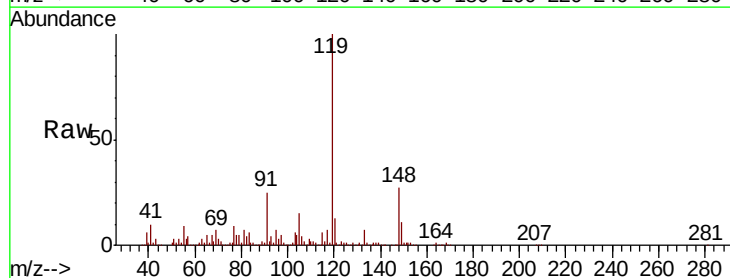
Tgt Ion: 75 Resp: 6168

Ion Ratio Lower Upper

75 100

155 0.0 48.2 144.6#

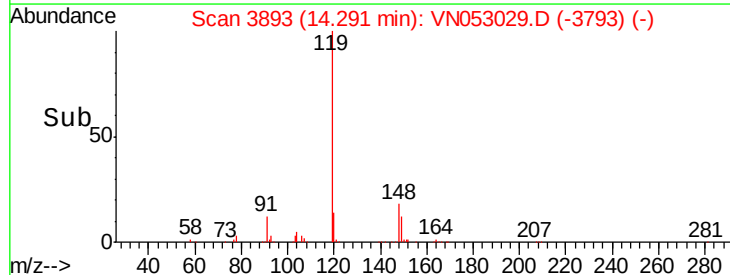
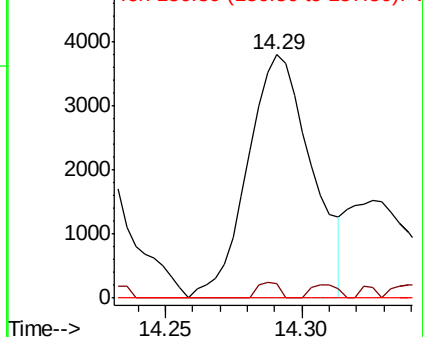
157 0.0 61.2 183.5#

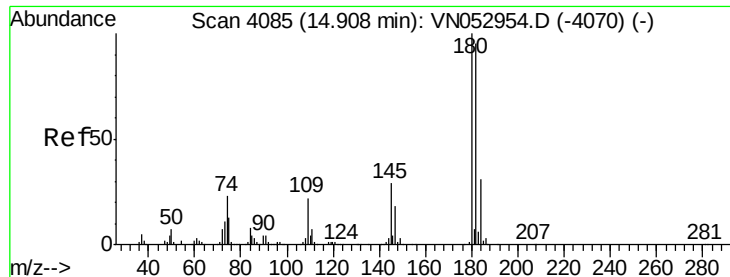


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

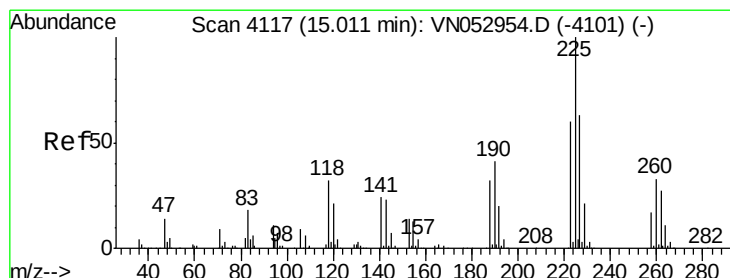
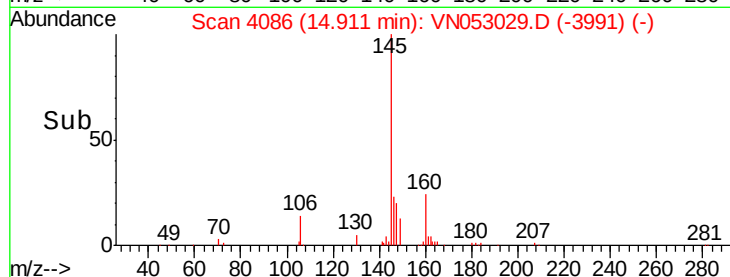
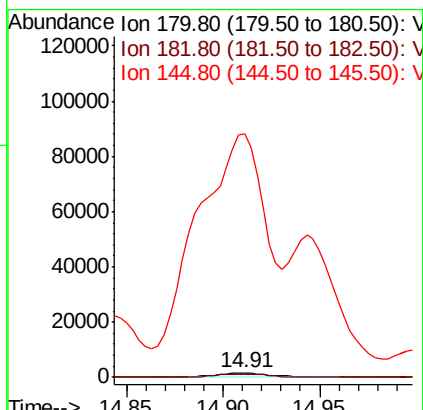
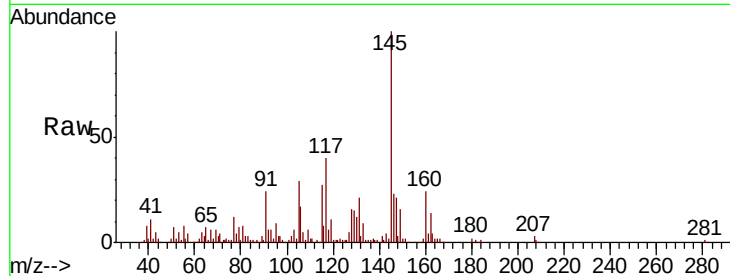




#93
 1,2,4-Trichlorobenzene
 Concen: 0.752 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053029.D
 Acq: 20 Dec 2018 00:10

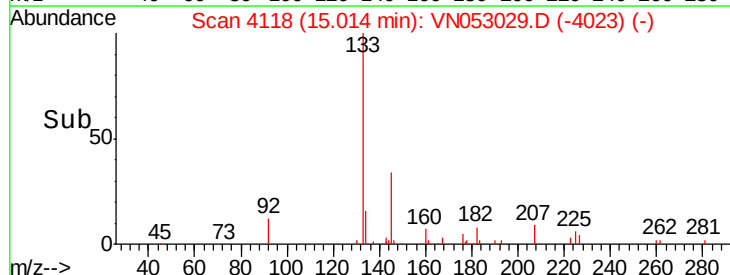
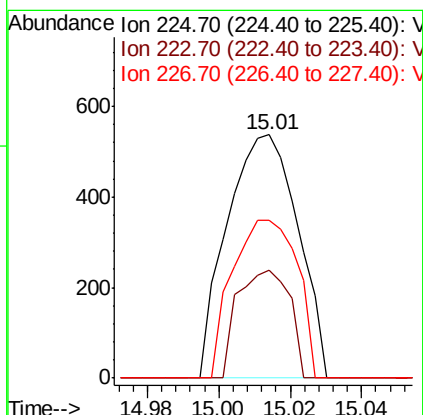
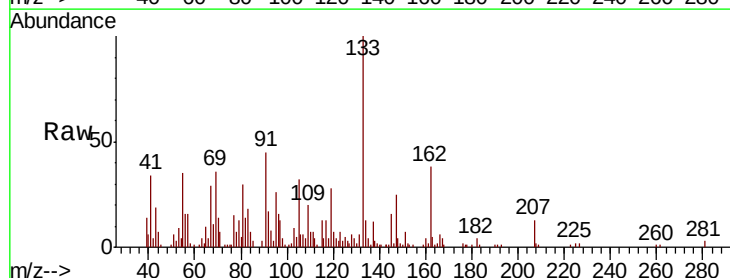
Instrument :
 MSVOA_N
 ClientSampled :

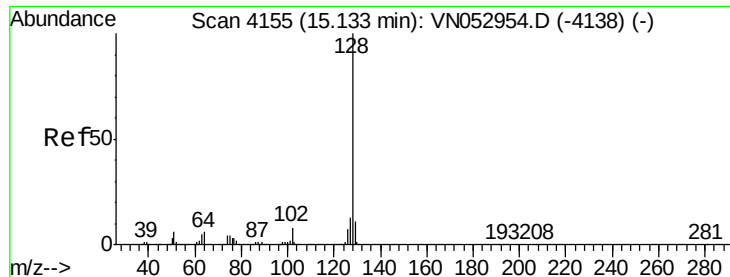
Tot Ion:180 Resp: 2384
 Ion Ratio Lower Upper
 180 100
 182 112.3 47.8 143.3
 145 9471.9 14.2 42.6#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN053029.D
 Acq: 20 Dec 2018 00:10

Tgt Ion:225 Resp: 736
 Ion Ratio Lower Upper
 225 100
 223 32.6 31.5 94.5
 227 59.5 31.9 95.7





#95

Naphthalene

Concen: 1.297 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

Instrument :

MSVOA_N

ClientSampleId :

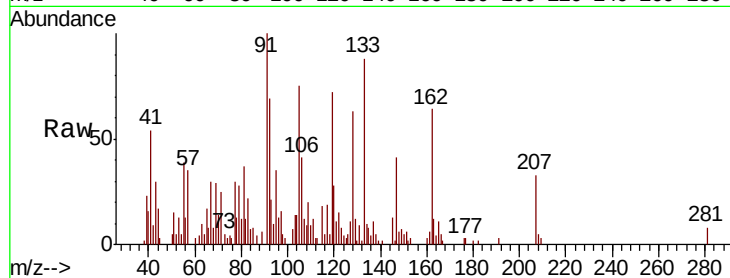
Tot Ion:128 Resp: 5116

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

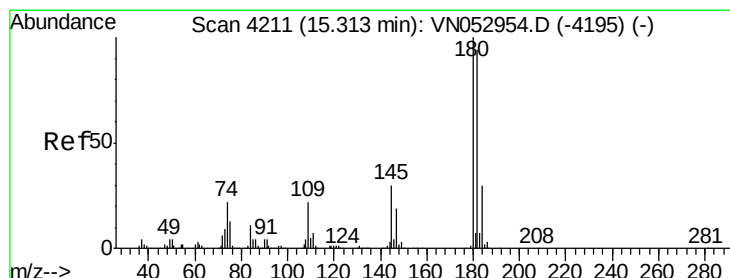
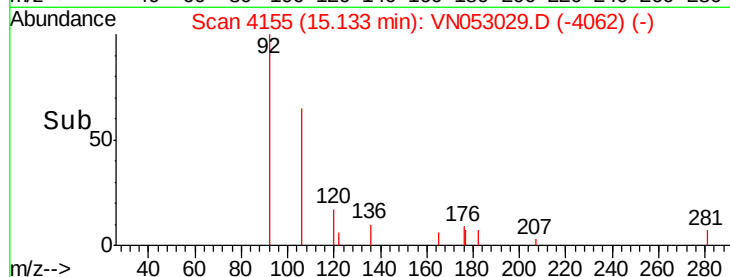
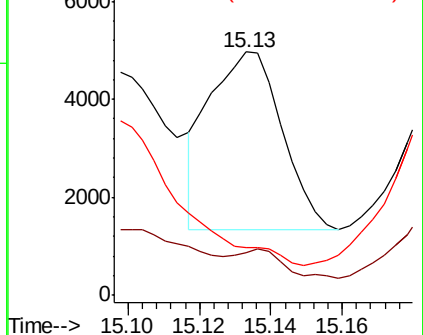
129 0.0 8.6 13.0#



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: 0.757 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN053029.D

Acq: 20 Dec 2018 00:10

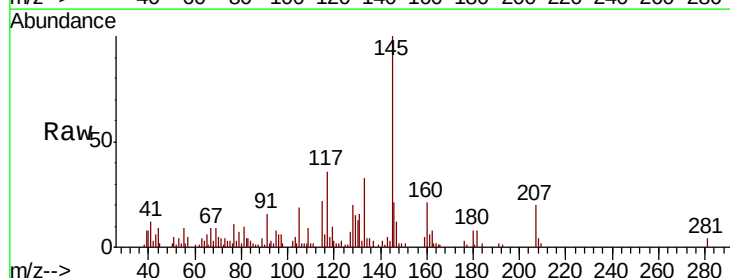
Tgt Ion:180 Resp: 3428

Ion Ratio Lower Upper

180 100

182 65.7 47.9 143.7

145 528.6 15.0 45.0#



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

