

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
 Data File : VN053049.D
 Acq On : 20 Dec 2018 11:54
 Operator : MD\SY
 Sample : J6411-05DL 100X
 Misc : 5.48g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 00:15:26 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	1322376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2007248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1823034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	794035	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	630588	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
35) Dibromofluoromethane	7.59	113	526382	57.41	ug/l	0.00
Spiked Amount			Recovery	=	114.82%	
50) Toluene-d8	10.09	98	2477723	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.40	95	868906	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	659	0.888	ug/l #	80
16) Acetone	3.82	43	2792	1.061	ug/l	92
18) Methyl Acetate	4.33	43	2633	1.208	ug/l #	83
31) Cyclohexane	7.66	56	22728	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	86972	4.514	ug/l #	48
38) Carbon Tetrachloride	7.67	117	112789	6.387	ug/l #	16
39) Methylcyclohexane	9.08	83	10944	0.468	ug/l	98
43) Isopropyl Acetate	8.28	43	61970	1.974	ug/l #	53
55) 1,1,2-Trichloroethane	10.53	97	14709	1.187	ug/l #	19
56) Ethyl methacrylate	10.43	69	6215	0.379	ug/l #	1
59) 2-Hexanone	10.72	43	66723	9.468	ug/l #	28
65) Chlorobenzene	11.43	112	10856	0.269	ug/l	93
67) Ethyl Benzene	11.51	91	28761	0.414	ug/l	97
68) m/p-Xylenes	11.63	106	64837	2.454	ug/l	100
73) Isopropylbenzene	12.25	105	249755	4.020	ug/l	97
74) N-amyl acetate	12.04	43	280205	16.245	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.47	83	24671	2.024	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	396969	29.698	ug/l #	100
77) Bromobenzene	12.54	156	6491	0.402	ug/l #	1
78) n-propylbenzene	12.59	91	705437	9.970	ug/l	99
79) 2-Chlorotoluene	12.69	91	85942	1.960	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.69	105	723079	14.279	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.40	75	396969	95.721	ug/l #	13
82) 4-Chlorotoluene	12.69	91	85942	2.002	ug/l #	42
83) tert-Butylbenzene	12.99	119	54356	1.214	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	3272884	64.293	ug/l	99
85) sec-Butylbenzene	13.17	105	381286	6.294	ug/l #	76
86) p-Isopropyltoluene	13.29	119	325473	6.218	ug/l	99
89) n-Butylbenzene	13.61	91	363938	8.082	ug/l #	79
90) Hexachloroethane	13.89	117	42718	5.318	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1929	0.915	ug/l #	5
93) 1,2,4-Trichlorobenzene	14.91	180	6042	1.015	ug/l #	2
94) Hexachlorobutadiene	15.01	225	2469	Below Cal		97
95) Naphthalene	15.14	128	35064	2.244	ug/l	97

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Instrument :
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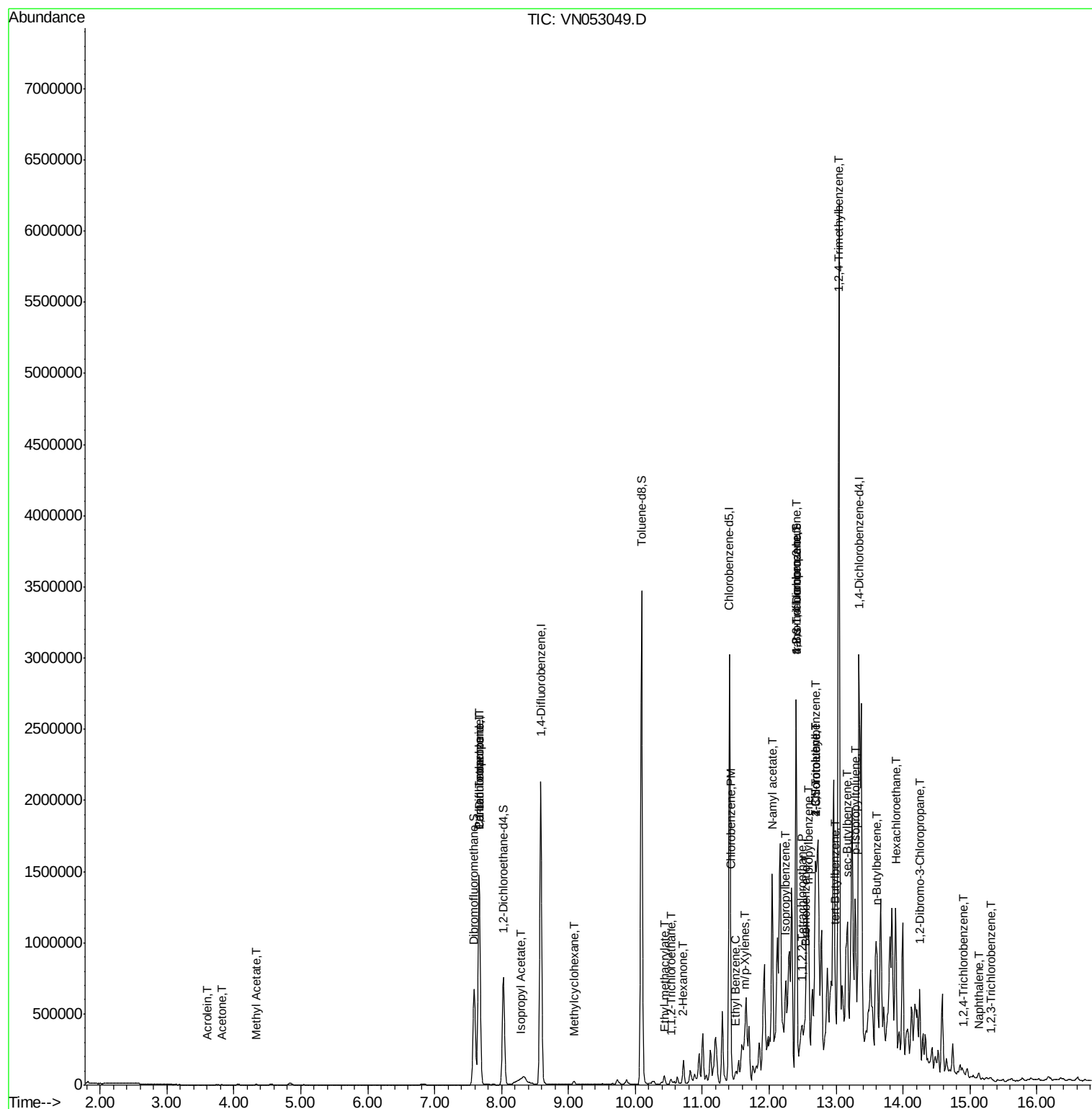
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	6437	1.004	ug/l #	87

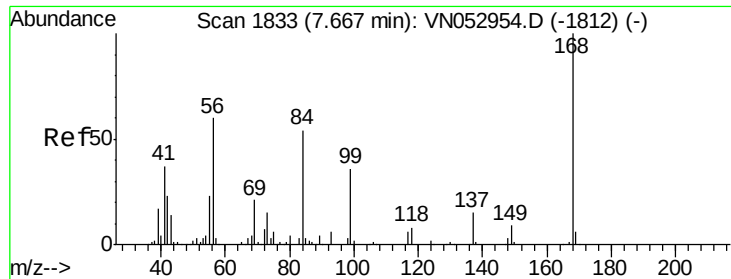
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053049.D

Acq: 20 Dec 2018 11:54

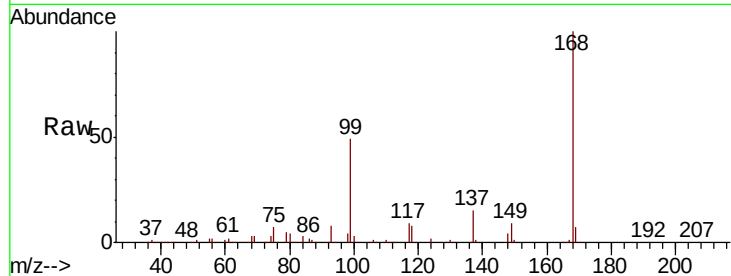
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1322376

Ion Ratio Lower Upper

168 100

99 49.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

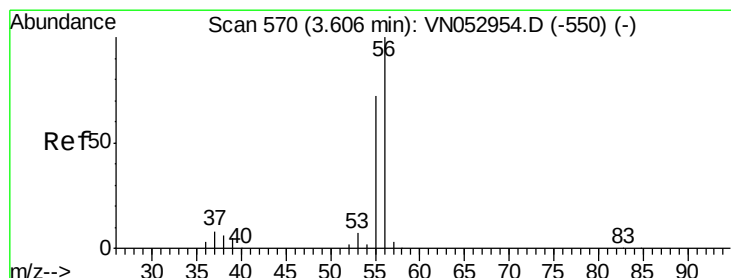
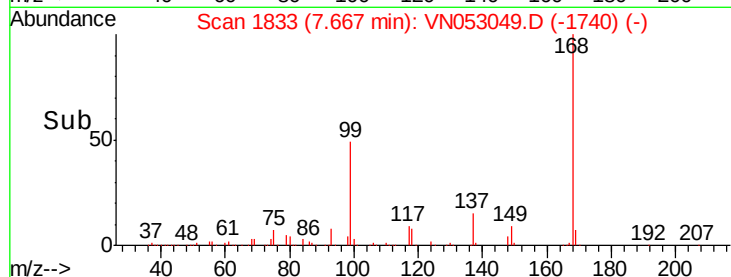
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.888 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053049.D

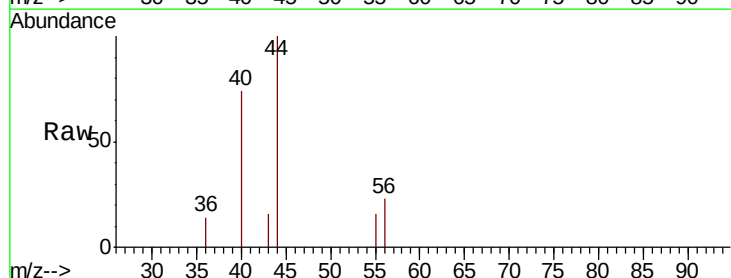
Acq: 20 Dec 2018 11:54

Tgt Ion: 56 Resp: 659

Ion Ratio Lower Upper

56 100

55 54.5 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

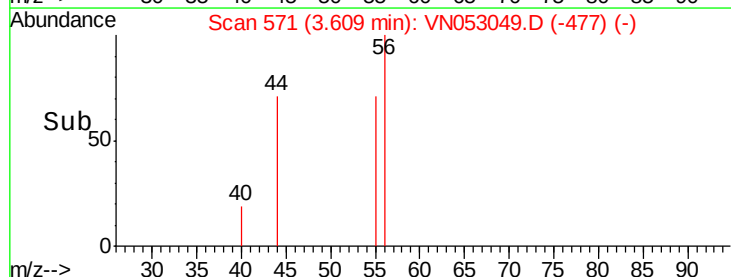
300

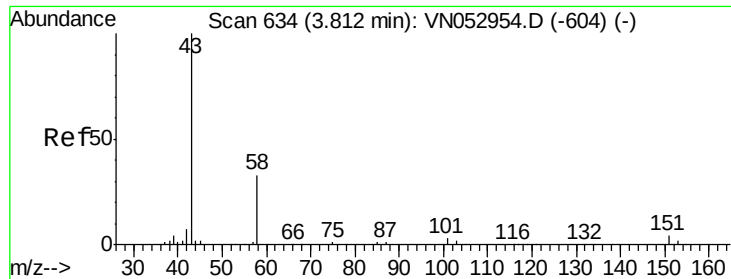
200

100

0

Time-->





#16

Acetone

Concen: 1.061 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

Instrument :

MSVOA_N

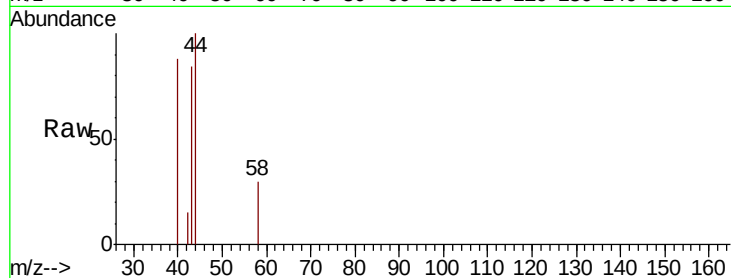
ClientSampled :

Tot Ion: 43 Resp: 2792

Ion Ratio Lower Upper

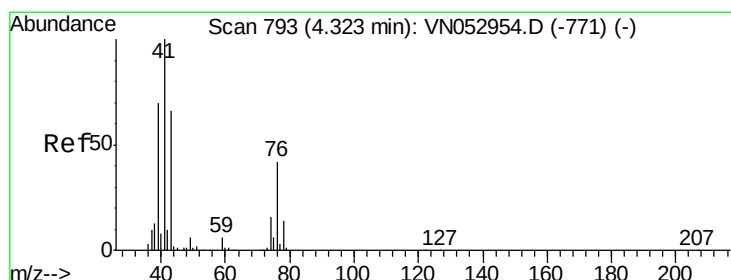
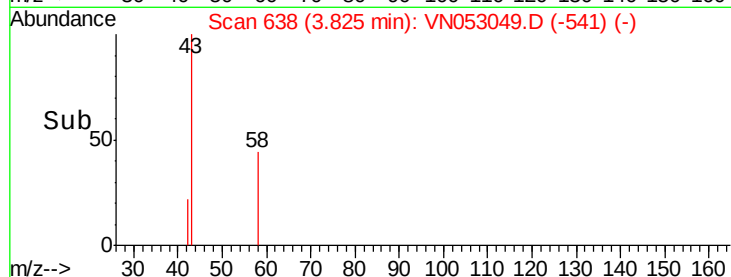
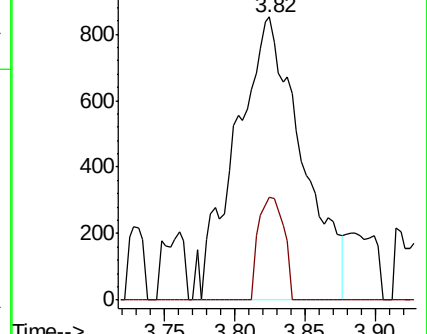
43 100

58 36.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.208 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN053049.D

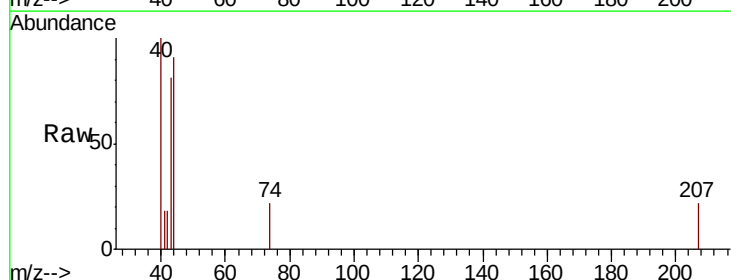
Acq: 20 Dec 2018 11:54

Tgt Ion: 43 Resp: 2633

Ion Ratio Lower Upper

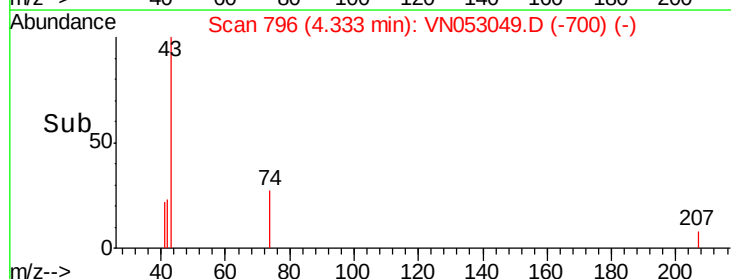
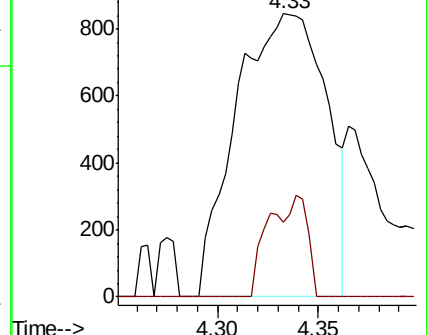
43 100

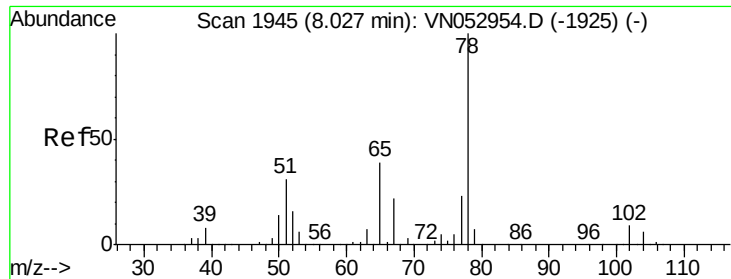
74 15.4 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

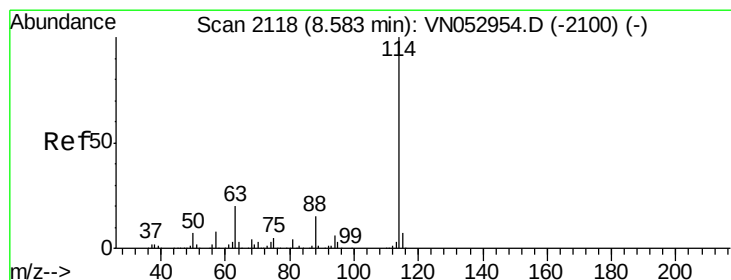
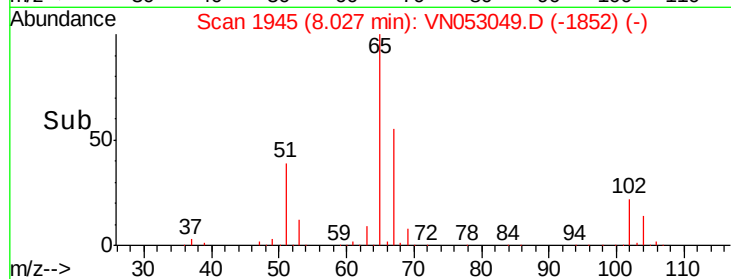
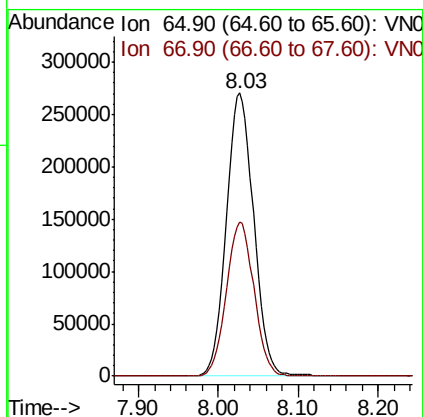
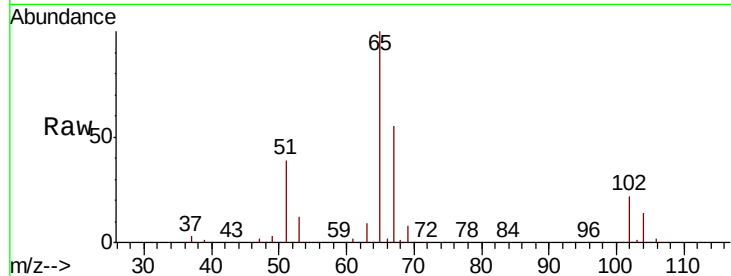




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

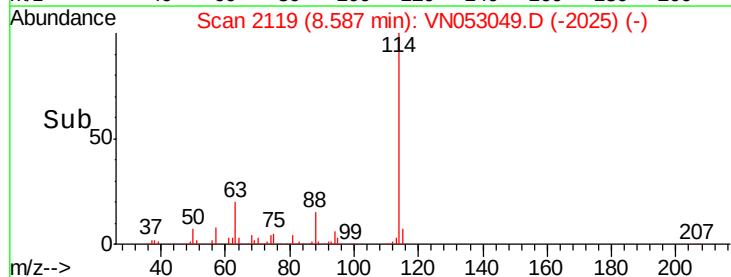
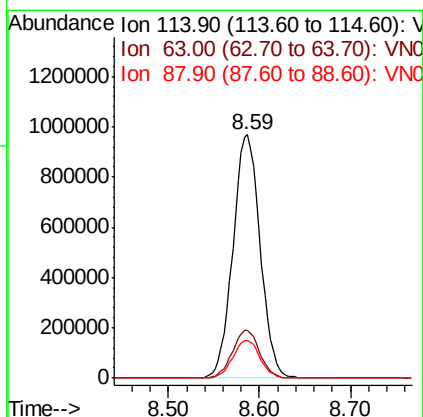
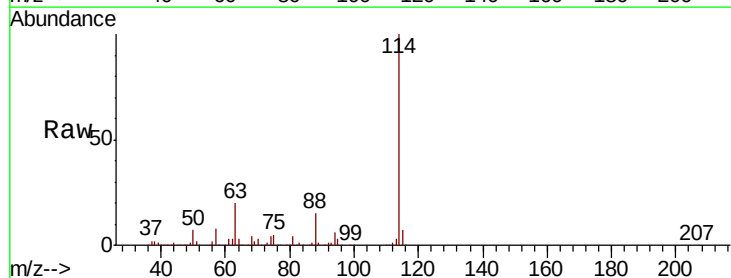
Instrument :
 MSVOA_N
 ClientSampleId :

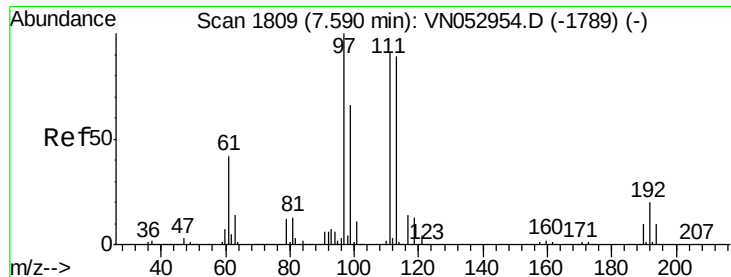
Tot Ion: 65 Resp: 630588
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

Tgt Ion: 114 Resp: 2007248
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.4 0.0 31.0

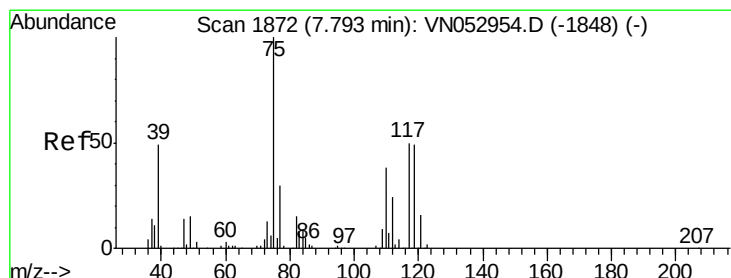
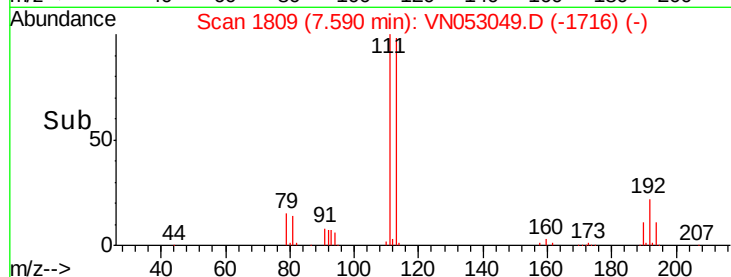
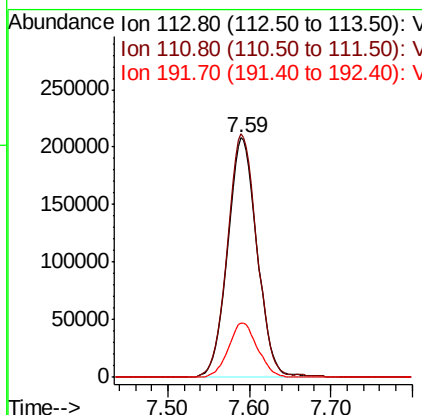
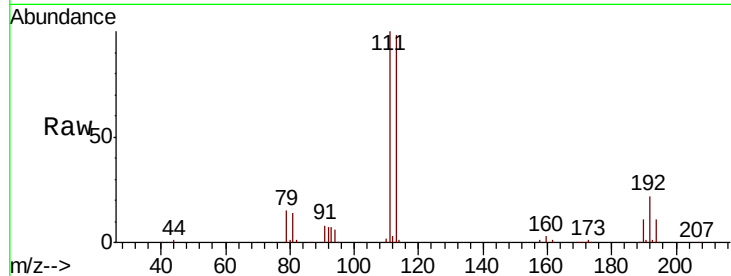




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

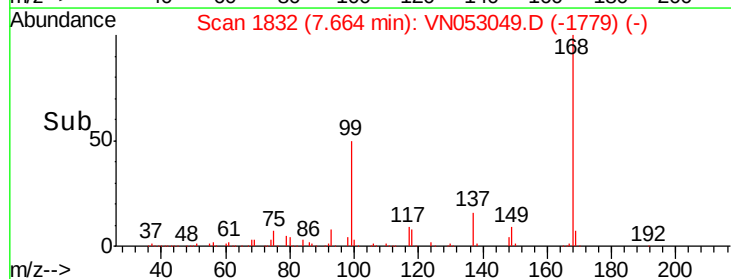
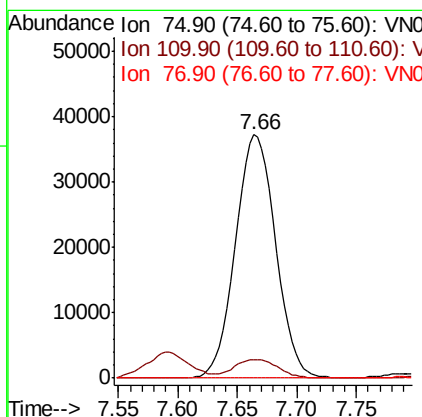
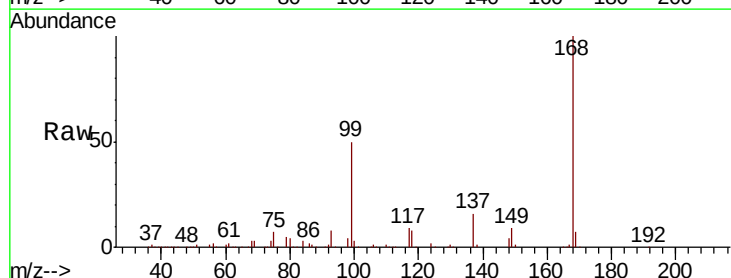
Instrument :
 MSVOA_N
 ClientSampleId :

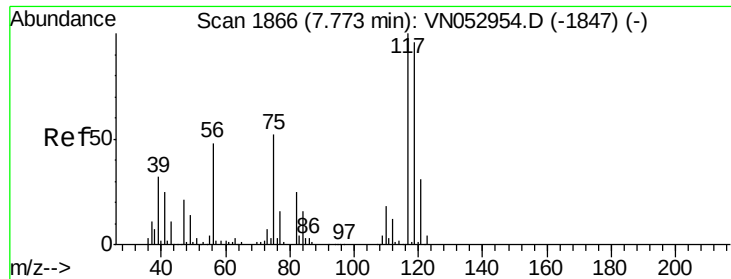
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.0	124.4
192	22.5	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.514 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.2	54.6#
77	0.0	24.9	37.3#

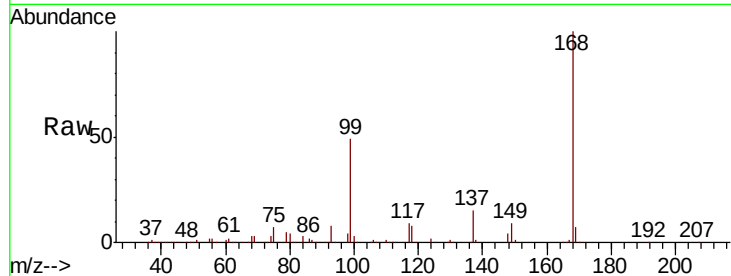




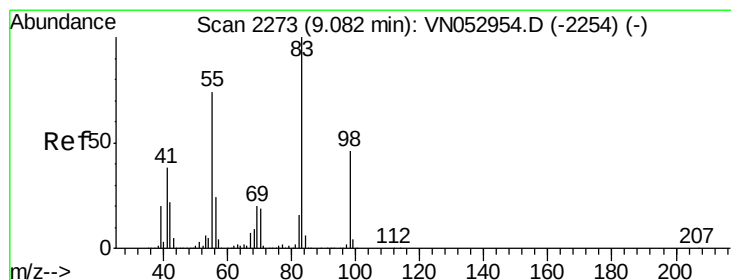
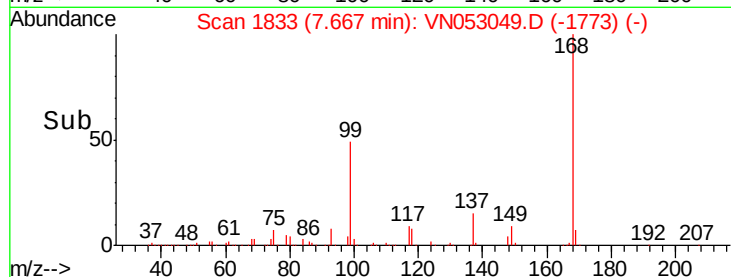
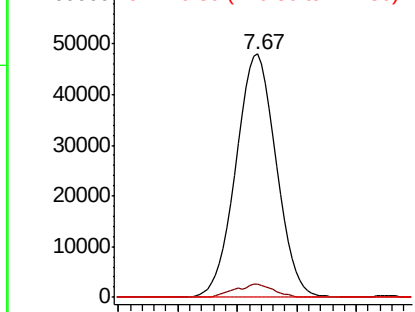
#38
Carbon Tetrachloride
Concen: 6.387 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053049.D
Acq: 20 Dec 2018 11:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 112789
Ion Ratio Lower Upper
117 100
119 5.5 77.1 115.7#
121 0.0 24.9 37.3#

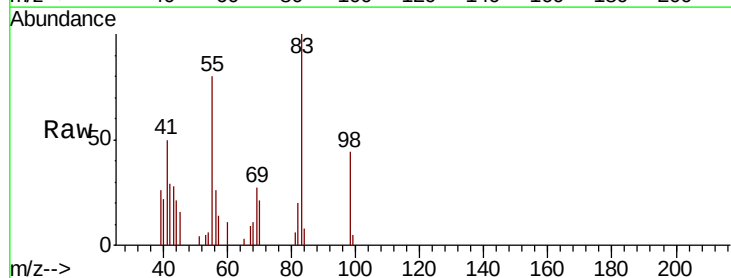


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

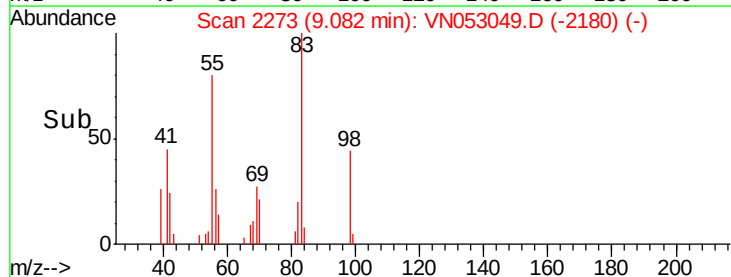
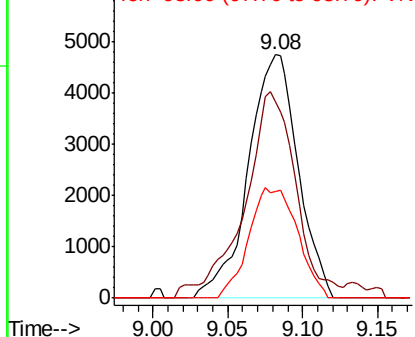


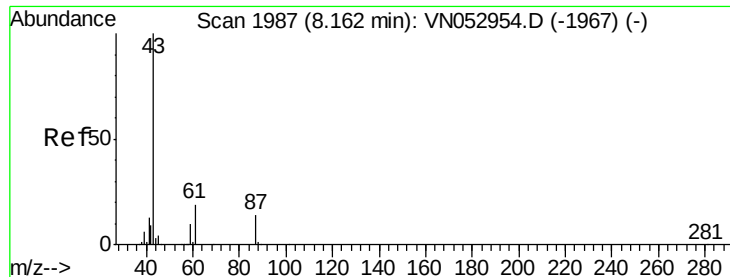
#39
Methylcyclohexane
Concen: 0.468 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053049.D
Acq: 20 Dec 2018 11:54

Tgt Ion: 83 Resp: 10944
Ion Ratio Lower Upper
83 100
55 75.5 61.3 91.9
98 43.8 37.0 55.4



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#43

Isopropyl Acetate

Concen: 1.974 ug/l

RT: 8.28 min Scan# 2023

Delta R.T. 0.12 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

Instrument :

MSVOA_N

ClientSampleId :

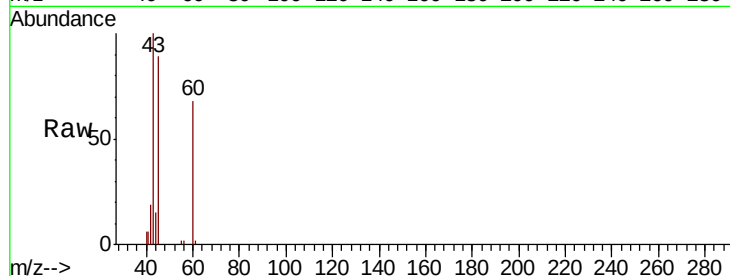
Tot Ion: 43 Resp: 61970

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

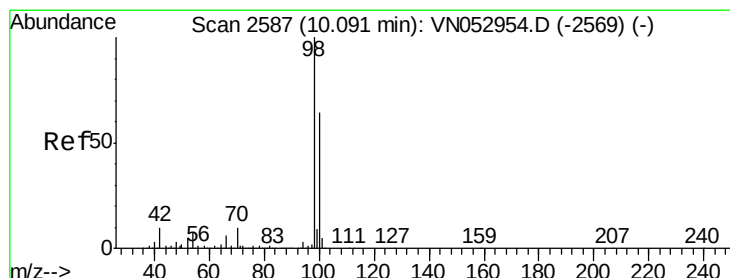
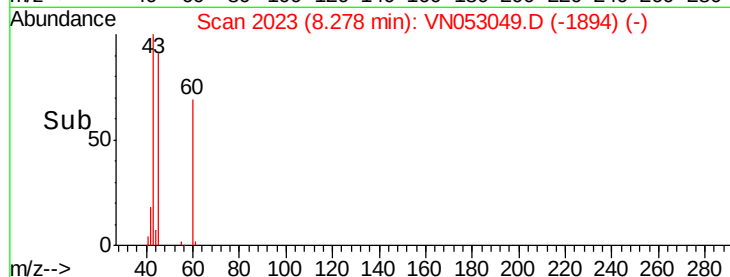
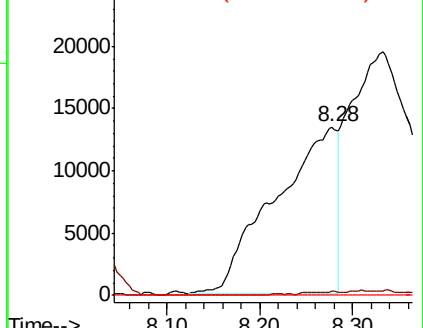
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052954.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052954.D (-1967) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053049.D

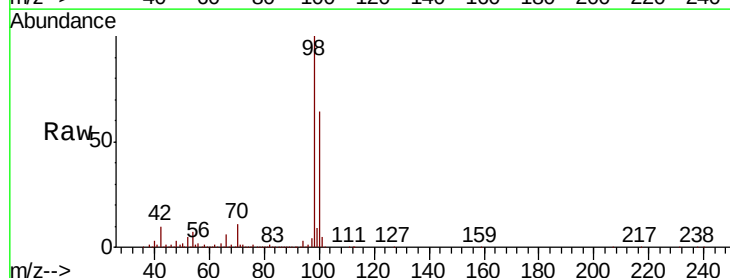
Acq: 20 Dec 2018 11:54

Tgt Ion: 98 Resp: 2477723

Ion Ratio Lower Upper

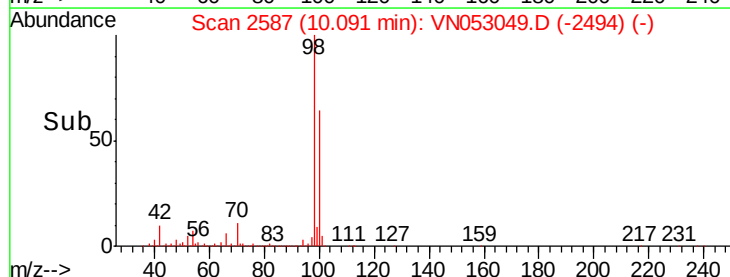
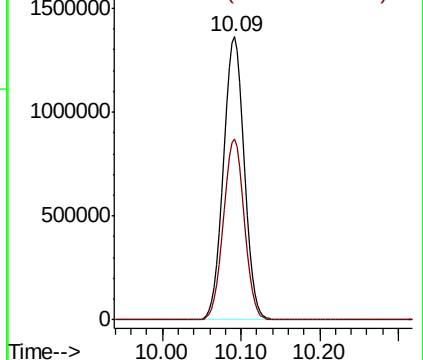
98 100

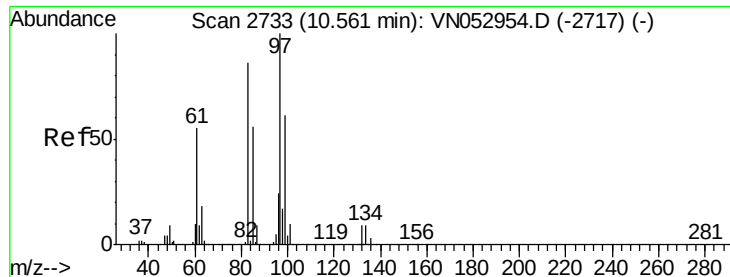
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN052954.D (-2569) (-)

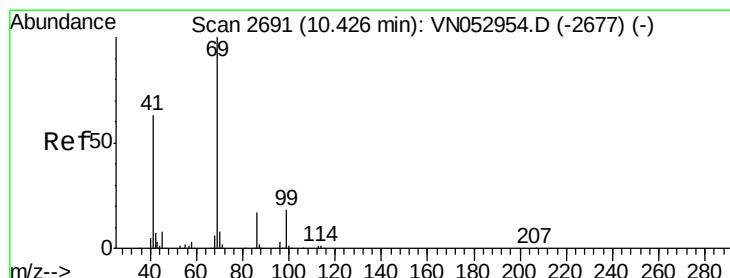
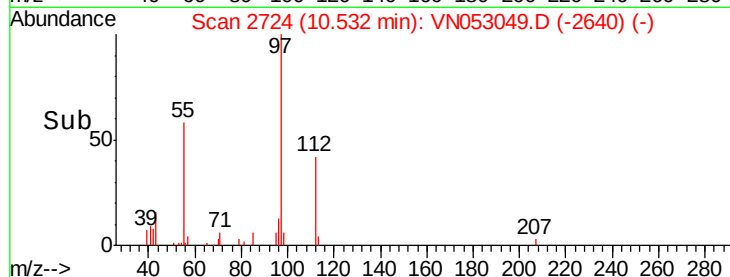
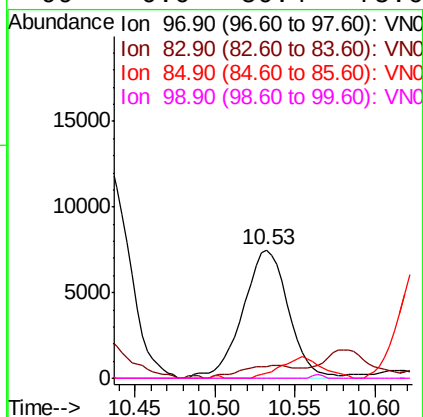
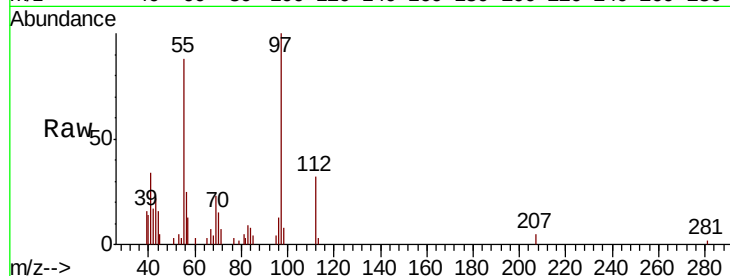




#55
 1,1,2-Trichloroethane
 Concen: 1.187 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

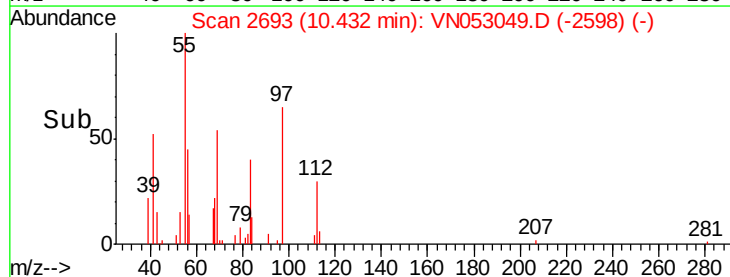
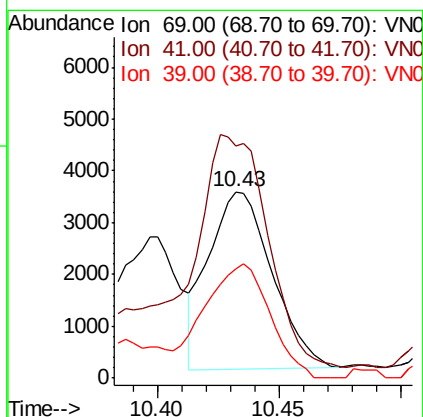
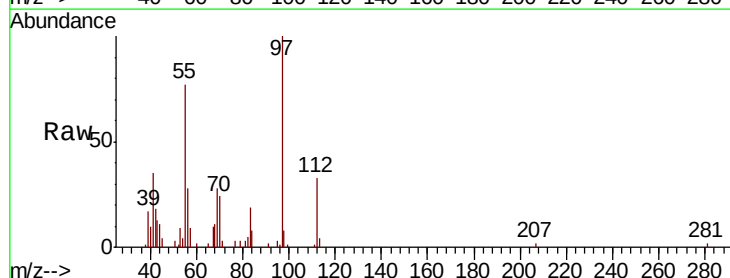
Instrument :
 MSVOA_N
 ClientSampleId :

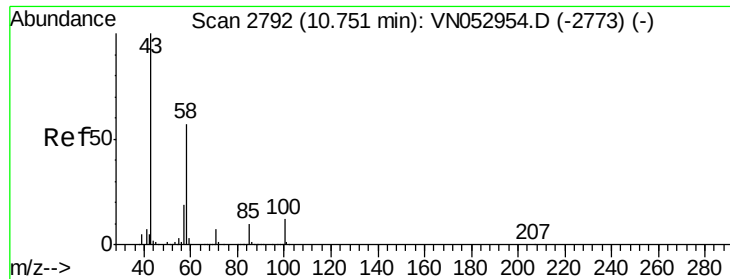
Tot Ion: 97 Resp: 14709
 Ion Ratio Lower Upper
 97 100
 83 6.8 70.9 106.3#
 85 4.1 45.4 68.2#
 99 0.0 50.4 75.6#



#56
 Ethyl methacrylate
 Concen: 0.379 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.01 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

Tgt Ion: 69 Resp: 6215
 Ion Ratio Lower Upper
 69 100
 41 183.3 51.7 77.5#
 39 66.6 24.6 37.0#

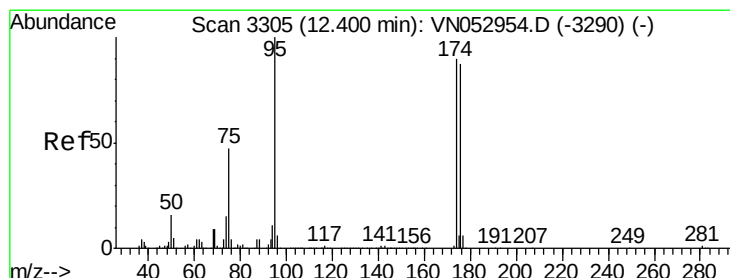
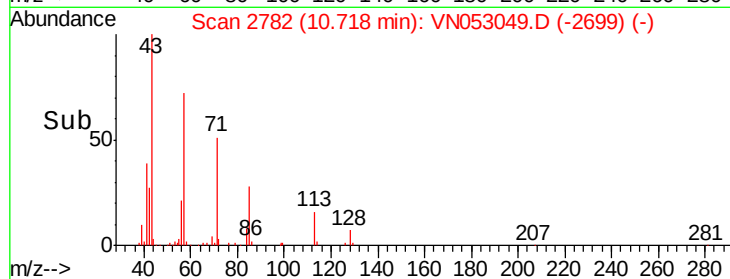
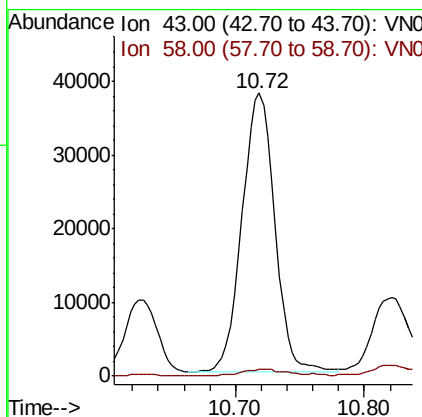
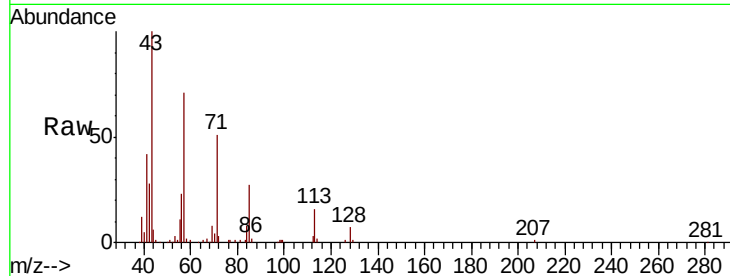




#59
2-Hexanone
Concen: 9.468 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053049.D
Acq: 20 Dec 2018 11:54

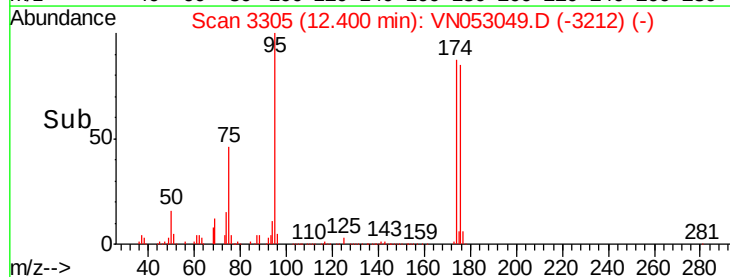
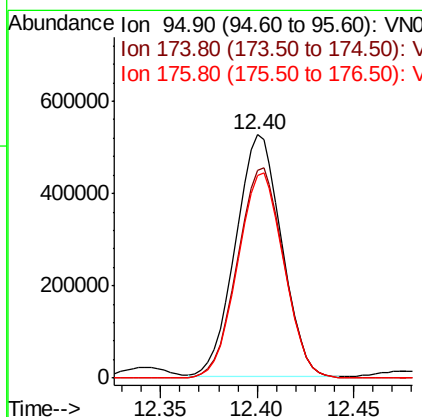
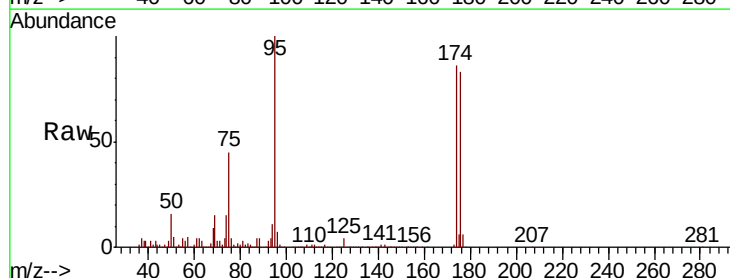
Instrument :
MSVOA_N
ClientSampled :

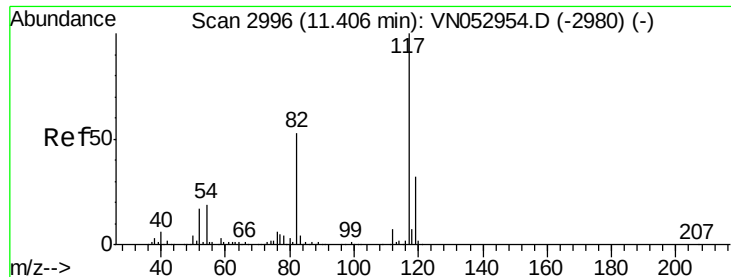
Tot Ion: 43 Resp: 66723
Ion Ratio Lower Upper
43 100
58 3.3 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053049.D
Acq: 20 Dec 2018 11:54

Tgt Ion: 95 Resp: 868906
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.8
176 85.4 0.0 173.8

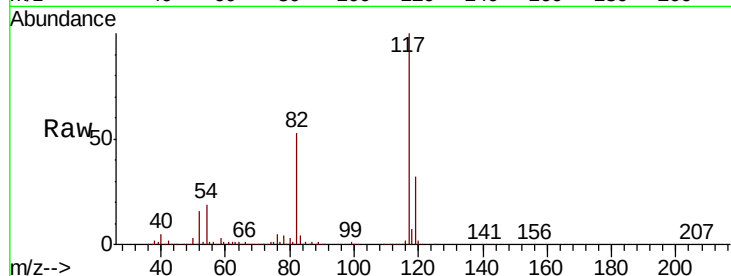




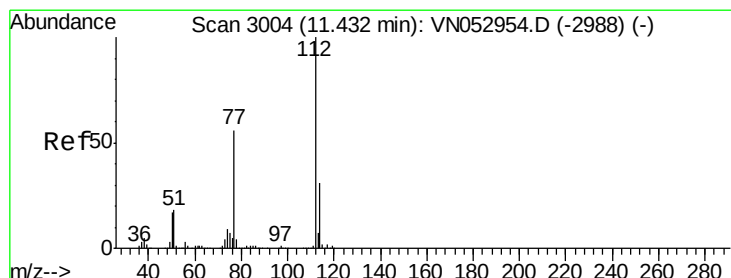
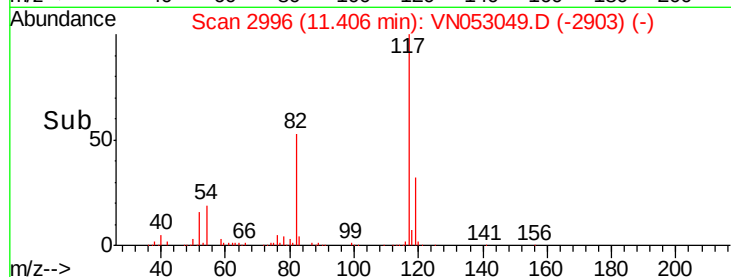
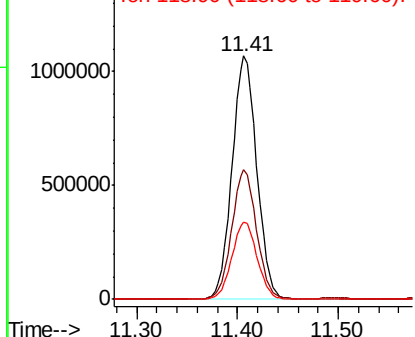
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053049.D
Acq: 20 Dec 2018 11:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1823034
Ion Ratio Lower Upper
117 100
82 52.9 42.8 64.2
119 31.8 25.5 38.3

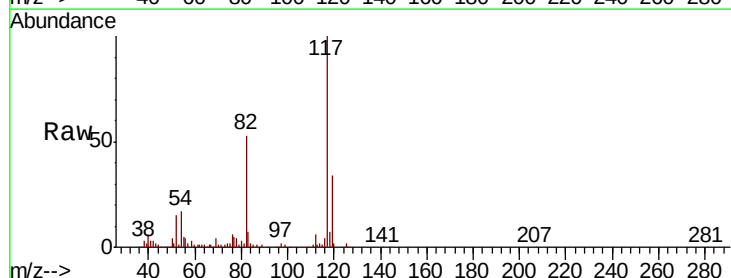


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

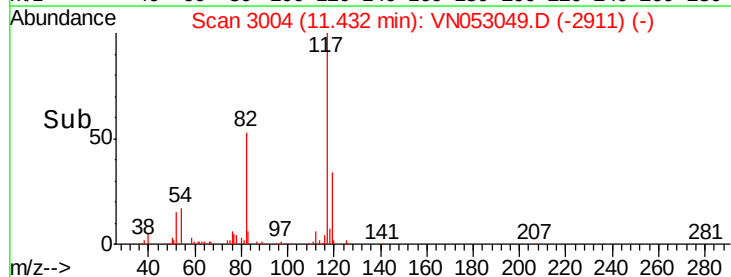
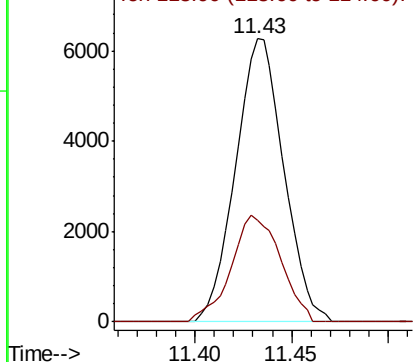


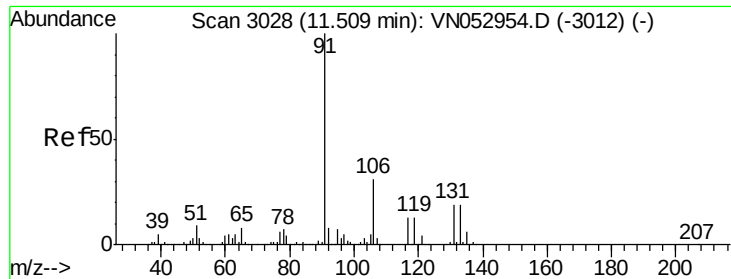
#65
Chlorobenzene
Concen: 0.269 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053049.D
Acq: 20 Dec 2018 11:54

Tgt Ion:112 Resp: 10856
Ion Ratio Lower Upper
112 100
114 35.8 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

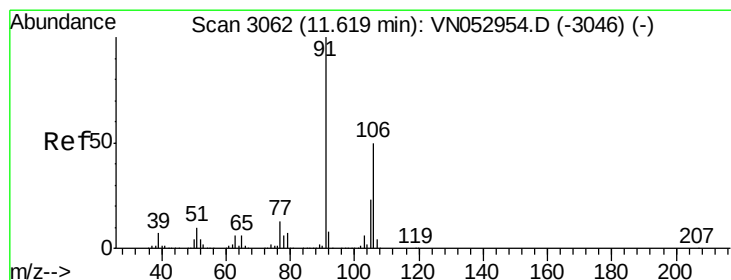
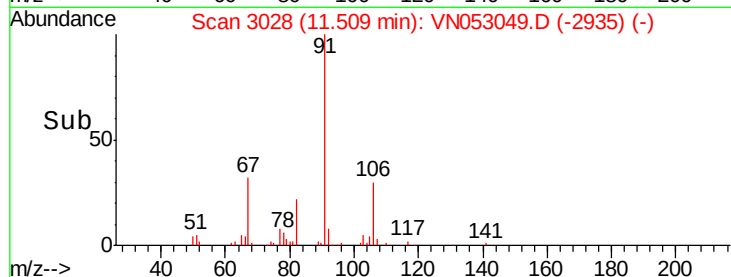
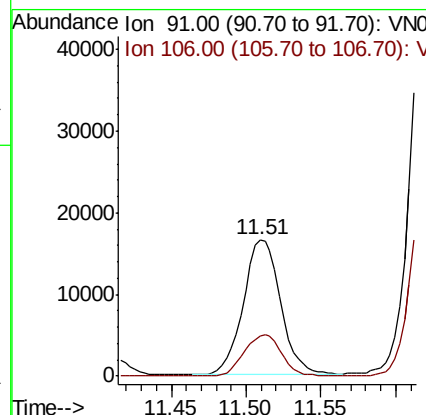
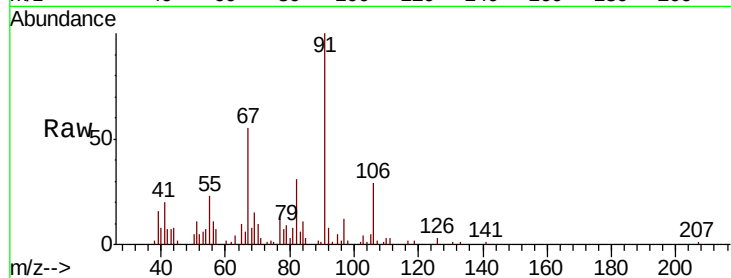




#67
Ethyl Benzene
Concen: 0.414 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053049.D
Acq: 20 Dec 2018 11:54

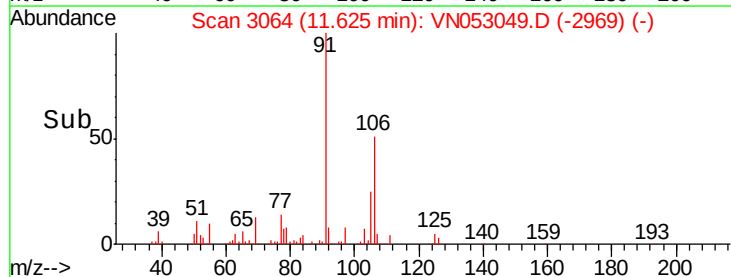
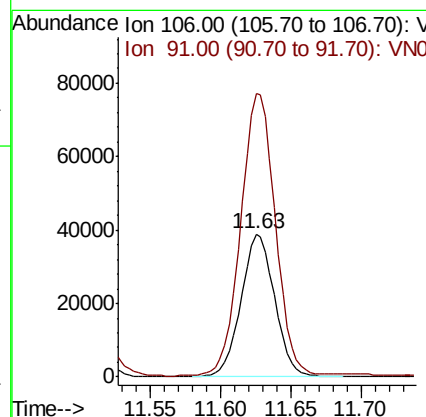
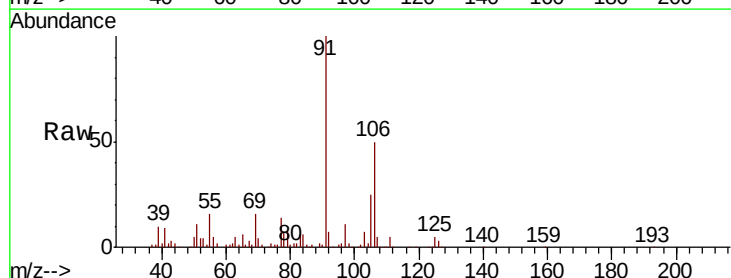
Instrument :
MSVOA_N
ClientSampled :

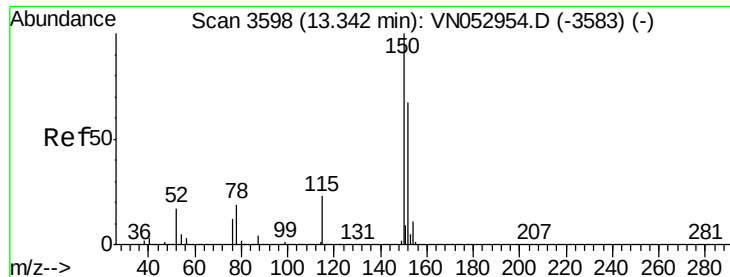
Tot Ion: 91 Resp: 28761
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3



#68
m/p-Xylenes
Concen: 2.454 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN053049.D
Acq: 20 Dec 2018 11:54

Tgt Ion: 106 Resp: 64837
Ion Ratio Lower Upper
106 100
91 203.3 162.2 243.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

Instrument :

MSVOA_N

ClientSampleId :

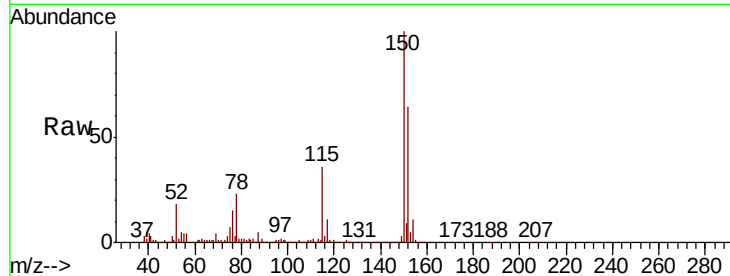
Tot Ion:152 Resp: 794035

Ion Ratio Lower Upper

152 100

115 62.3 28.3 85.0

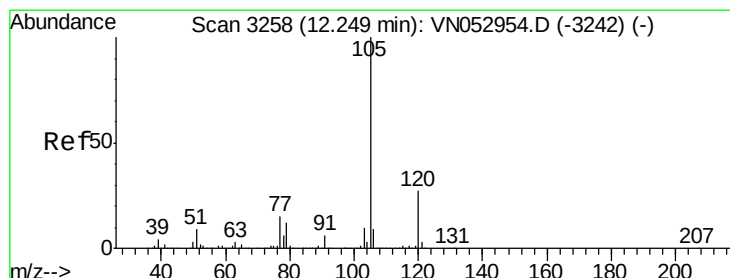
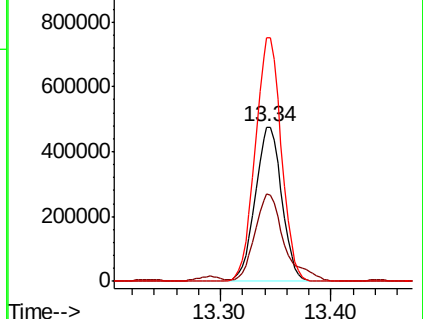
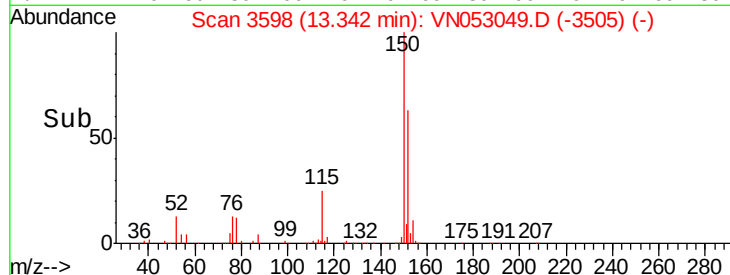
150 155.2 0.0 347.8



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: 4.020 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053049.D

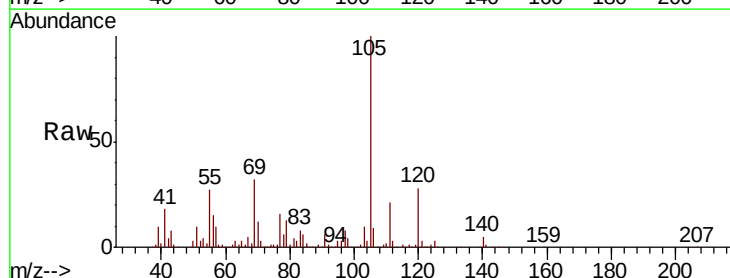
Acq: 20 Dec 2018 11:54

Tgt Ion:105 Resp: 249755

Ion Ratio Lower Upper

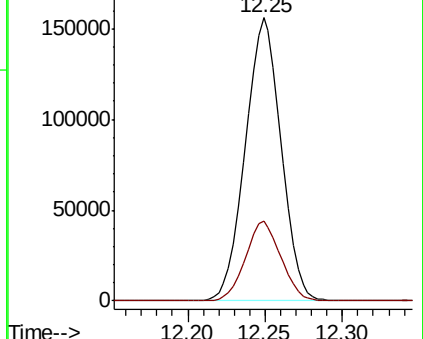
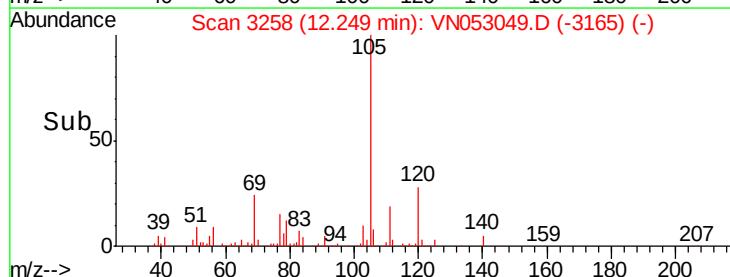
105 100

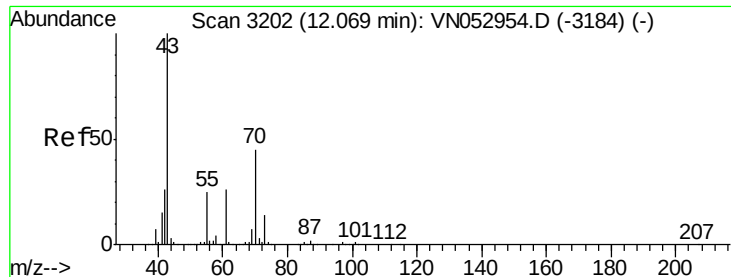
120 27.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 16.245 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 280205

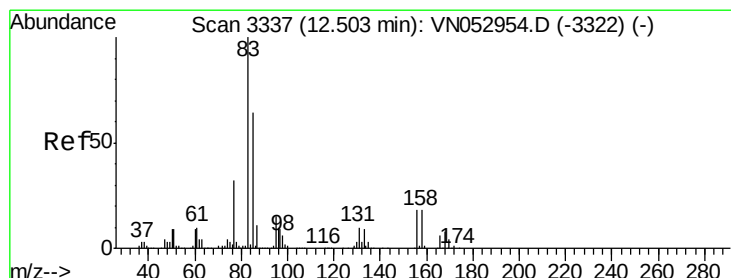
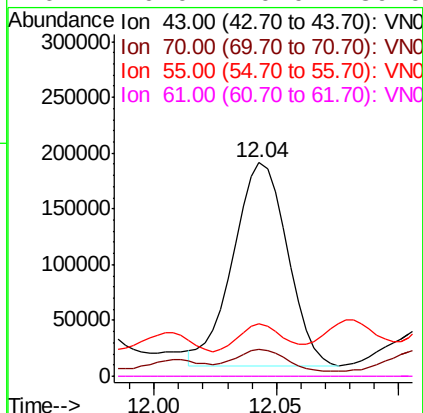
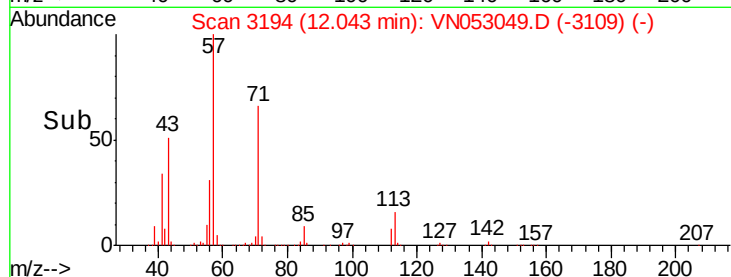
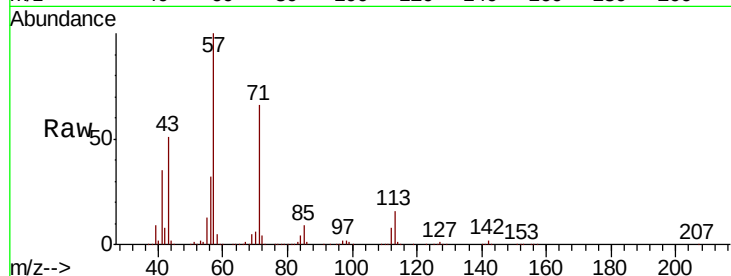
Ion Ratio Lower Upper

43 100

70 10.4 34.2 51.4#

55 19.8 20.3 30.5#

61 0.0 20.0 30.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 2.024 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

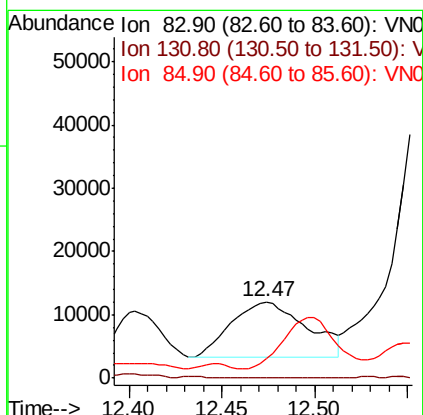
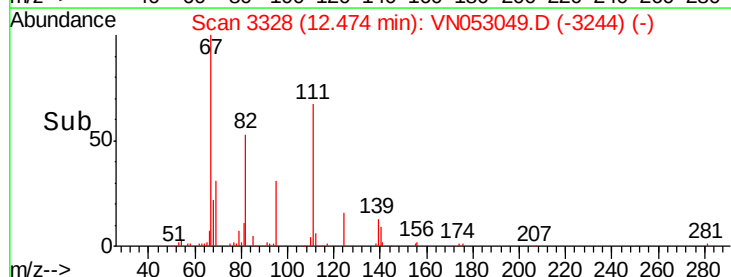
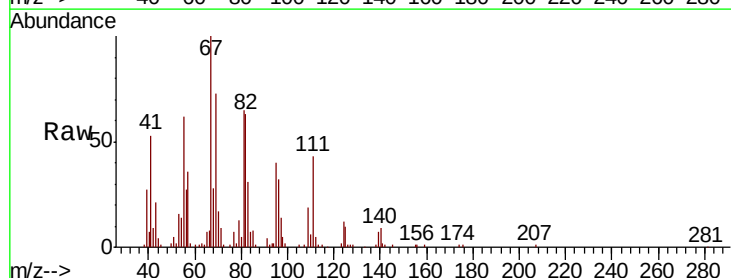
Tgt Ion: 83 Resp: 24671

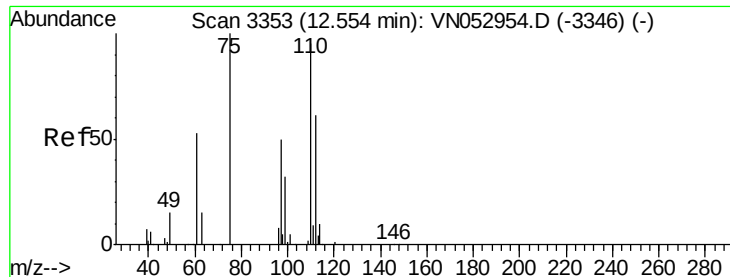
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 29.698 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

Instrument :

MSVOA_N

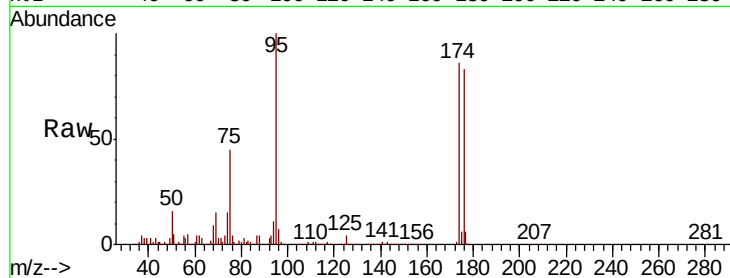
ClientSampled :

Tot Ion: 75 Resp: 396969

Ion Ratio Lower Upper

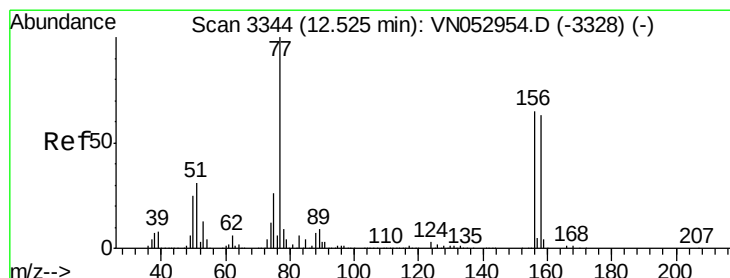
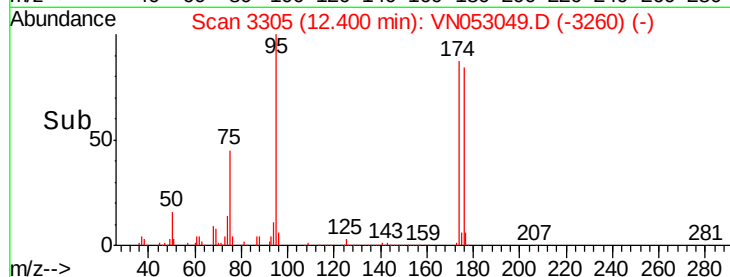
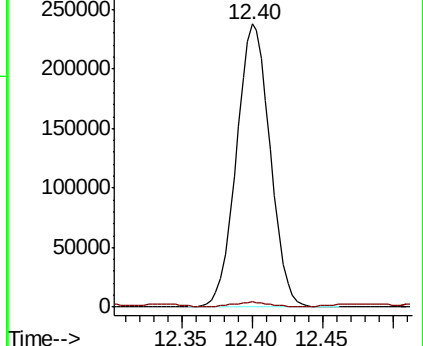
75 100

77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#77

Bromobenzene

Concen: 0.402 ug/l

RT: 12.54 min Scan# 3347

Delta R.T. 0.01 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

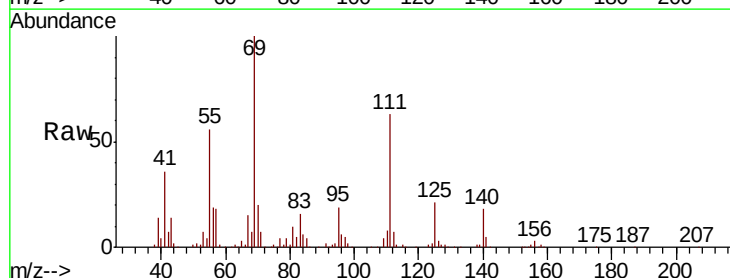
Tgt Ion: 156 Resp: 6491

Ion Ratio Lower Upper

156 100

77 0.0 91.3 273.8#

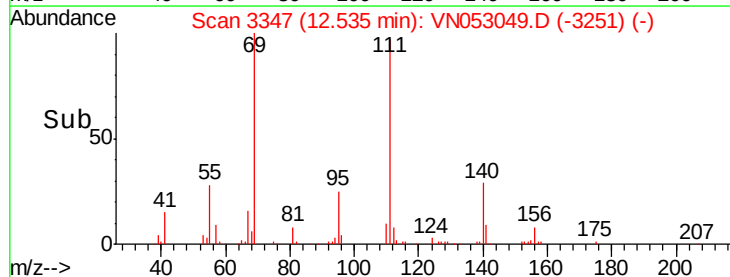
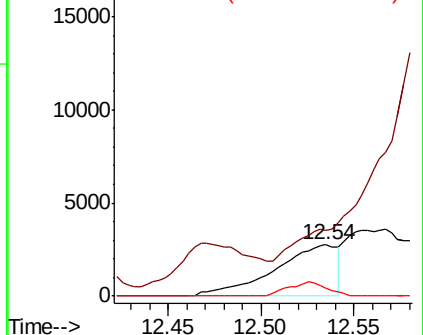
158 17.2 49.0 147.2#

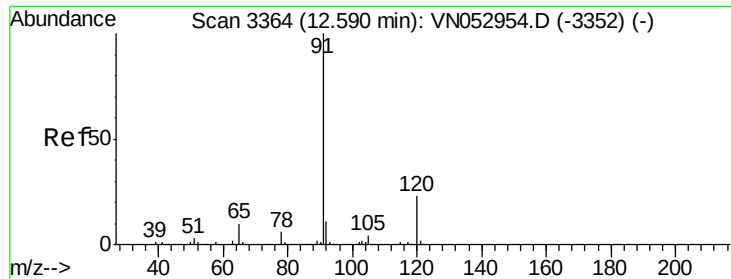


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 9.970 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

Instrument :

MSVOA_N

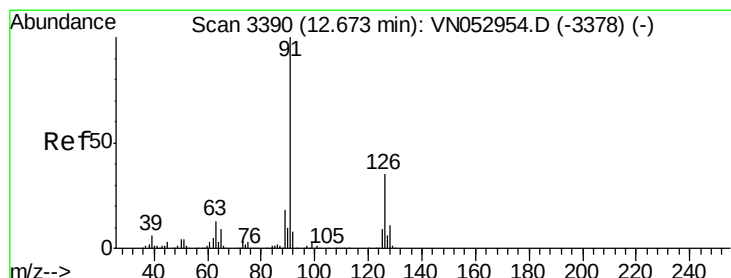
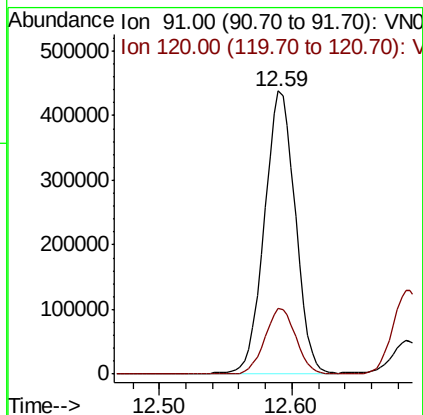
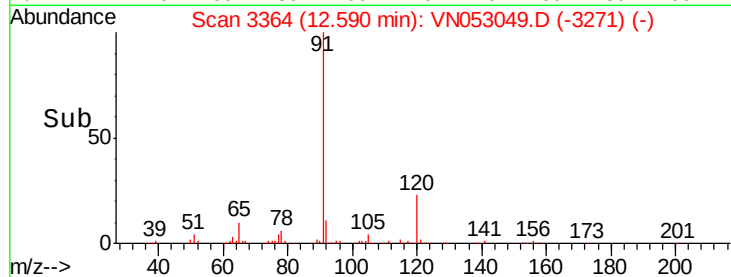
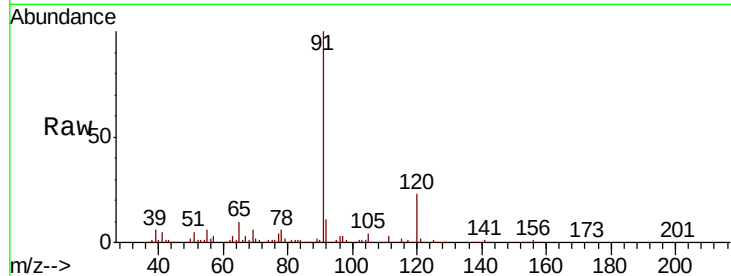
ClientSampleId :

Tot Ion: 91 Resp: 705437

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.5



#79

2-Chlorotoluene

Concen: 1.960 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN053049.D

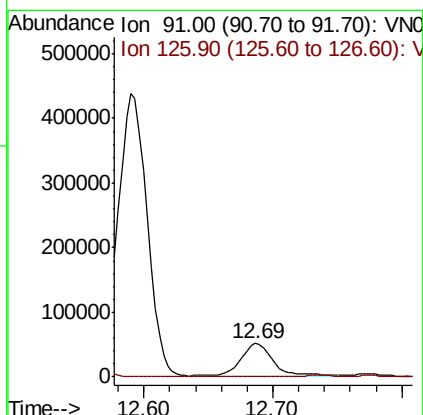
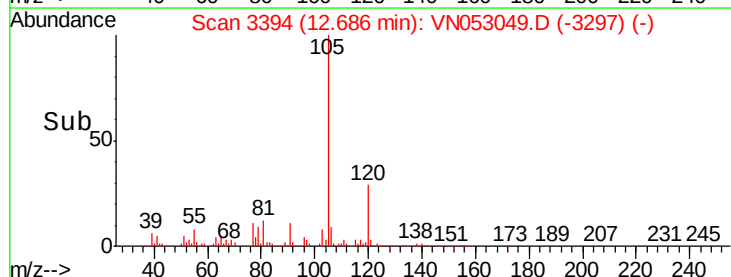
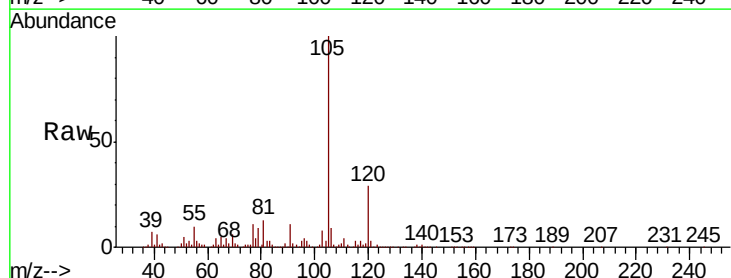
Acq: 20 Dec 2018 11:54

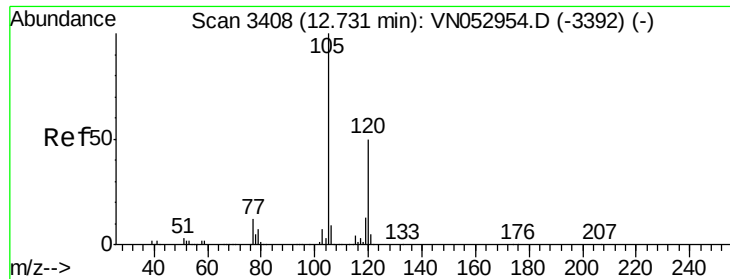
Tgt Ion: 91 Resp: 85942

Ion Ratio Lower Upper

91 100

126 1.0 17.4 52.3#





#80

1,3,5-Trimethylbenzene

Concen: 14.279 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. -0.05 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

Instrument :

MSVOA_N

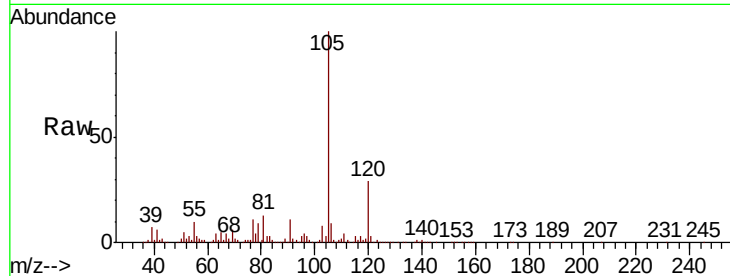
ClientSampled :

Tot Ion:105 Resp: 723079

Ion Ratio Lower Upper

105 100

120 29.1 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.69

400000

300000

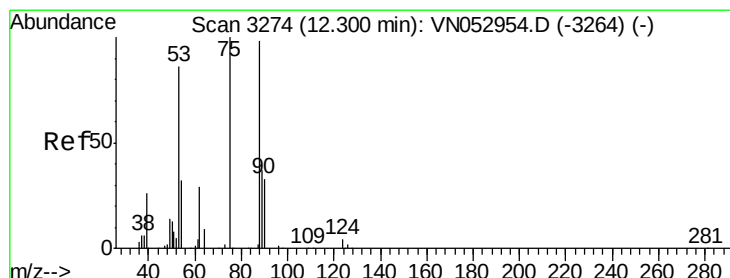
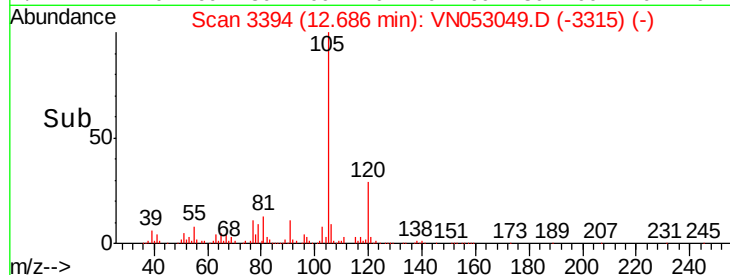
200000

100000

0

Time-->

12.60 12.65 12.70 12.75



#81

trans-1,4-Dichloro-2-butene

Concen: 95.721 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

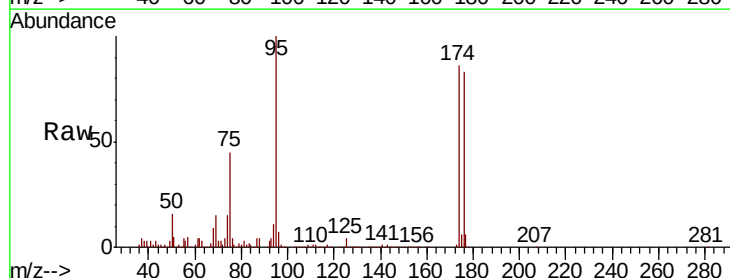
Tgt Ion: 75 Resp: 396969

Ion Ratio Lower Upper

75 100

53 1.2 74.7 112.1#

89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

300000

250000

200000

150000

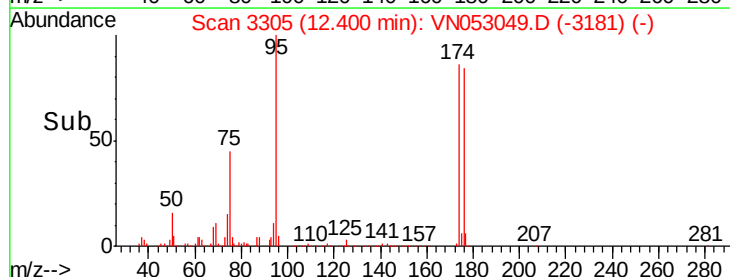
100000

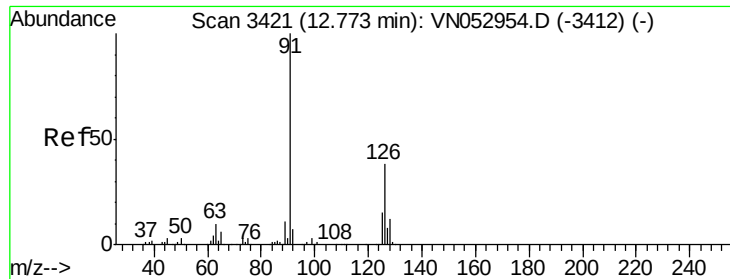
50000

0

Time-->

12.35 12.40 12.45





#82

4-Chlorotoluene

Concen: 2.002 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. -0.09 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

Instrument :

MSVOA_N

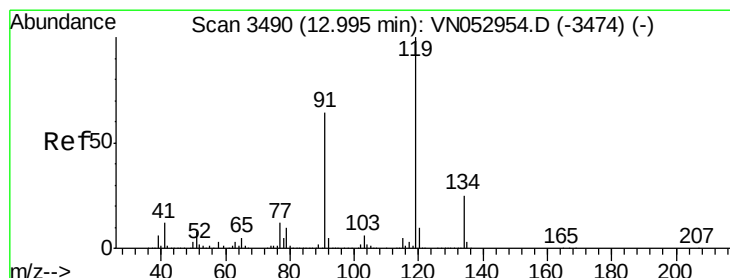
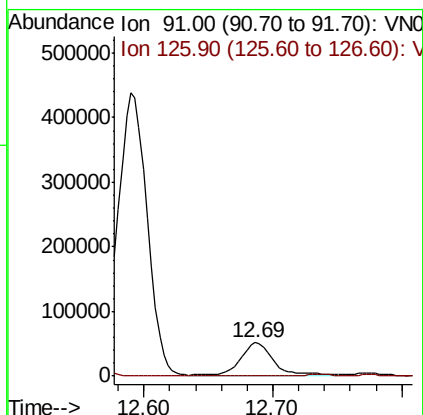
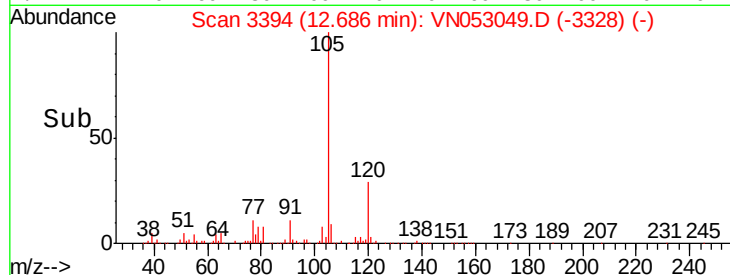
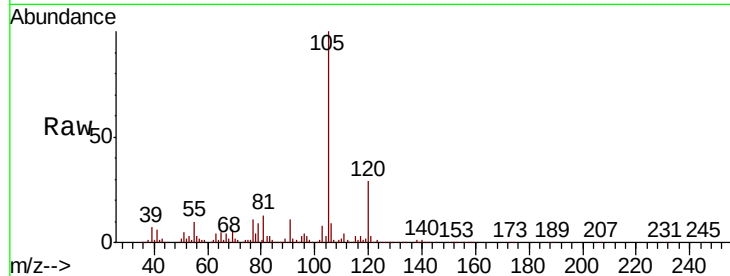
ClientSampleId :

Tot Ion: 91 Resp: 85942

Ion Ratio Lower Upper

91 100

126 1.1 17.3 51.7#



#83

tert-Butylbenzene

Concen: 1.214 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

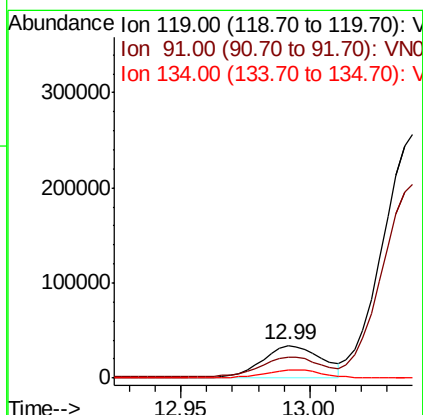
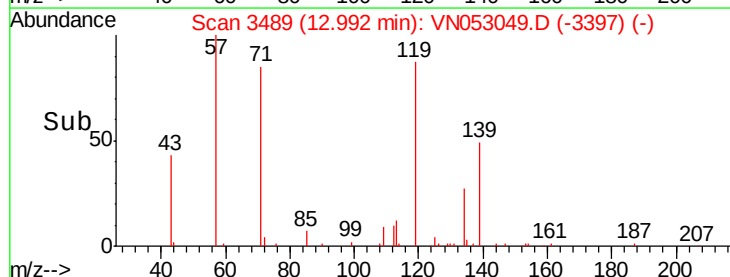
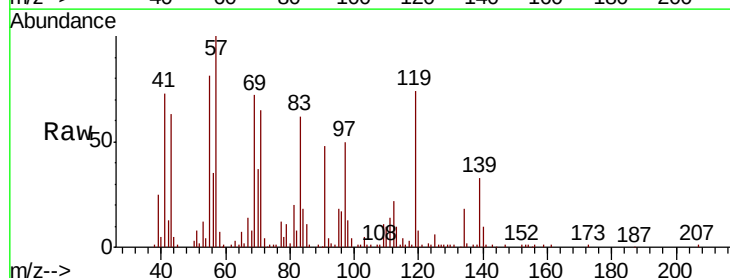
Tgt Ion: 119 Resp: 54356

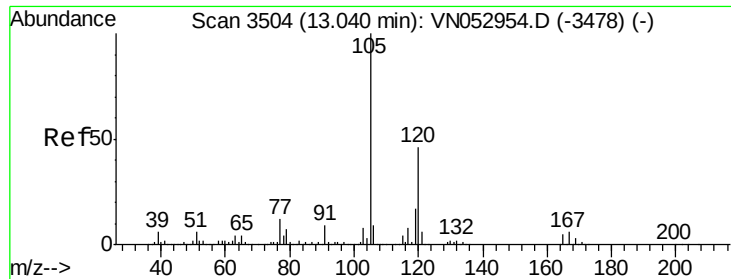
Ion Ratio Lower Upper

119 100

91 68.6 31.9 95.5

134 25.4 12.8 38.4

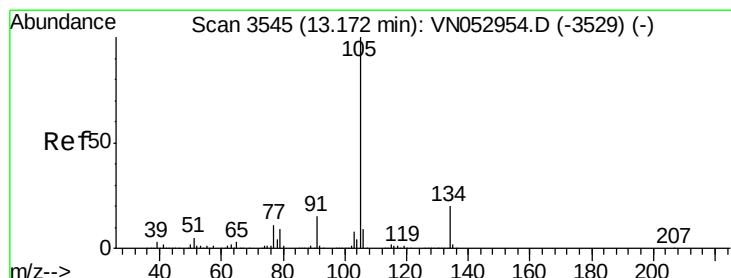
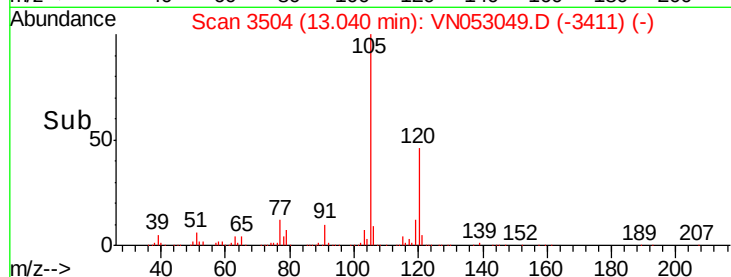
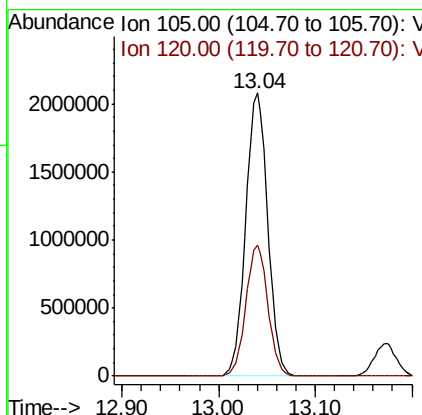
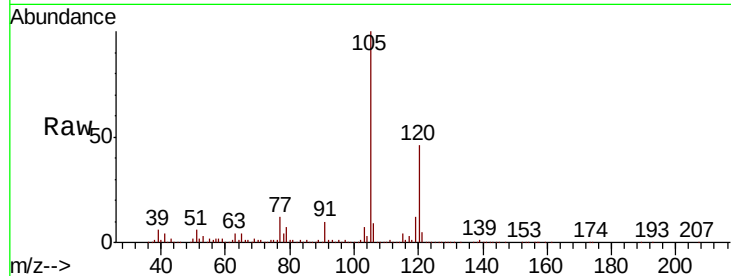




#84
 1,2,4-Trimethylbenzene
 Concen: 64.293 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

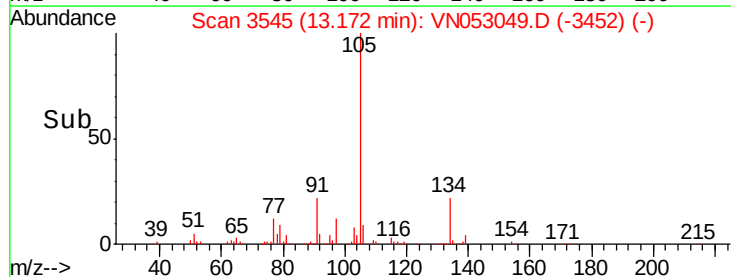
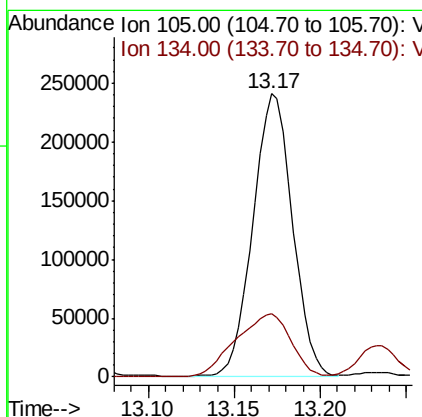
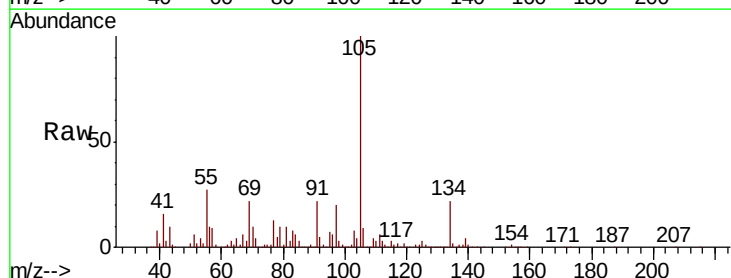
Instrument :
 MSVOA_N
 ClientSampleId :

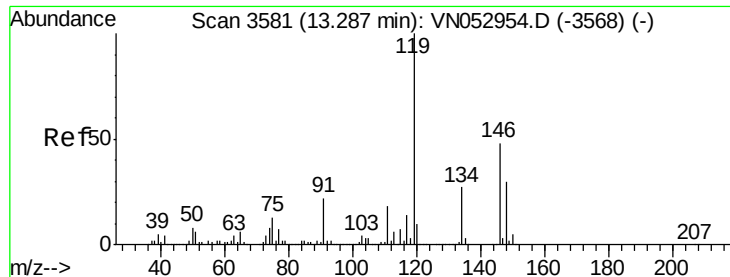
Tot Ion:105 Resp: 3272884
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.8



#85
 sec-Butylbenzene
 Concen: 6.294 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

Tgt Ion:105 Resp: 381286
 Ion Ratio Lower Upper
 105 100
 134 31.4 10.1 30.3#

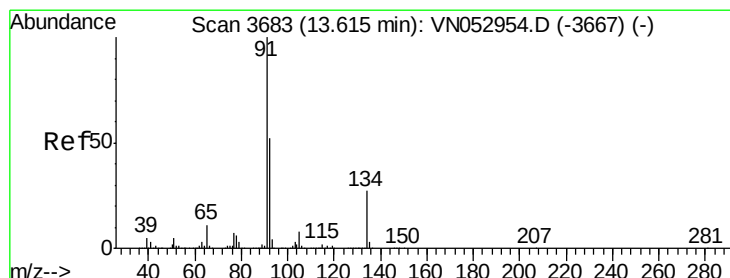
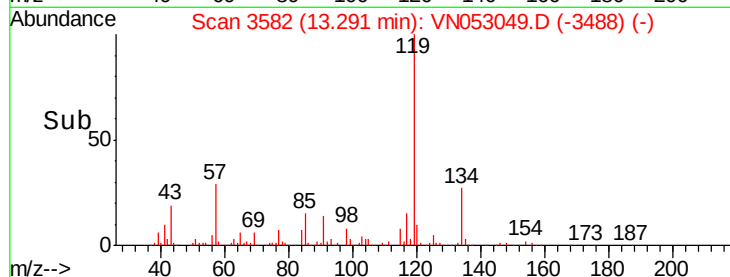
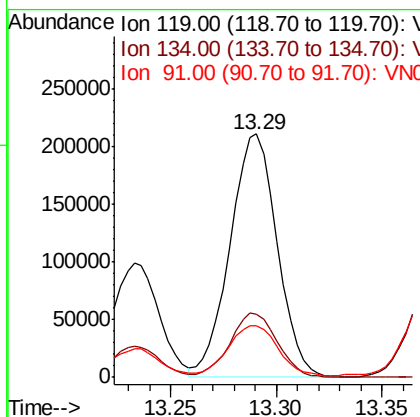
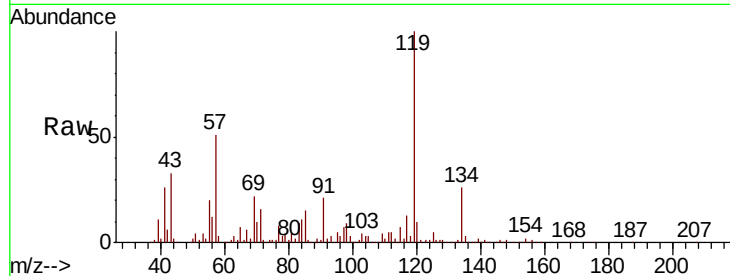




#86
 p-Isopropyltoluene
 Concen: 6.218 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

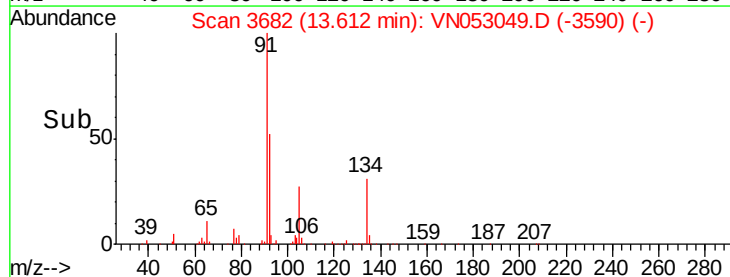
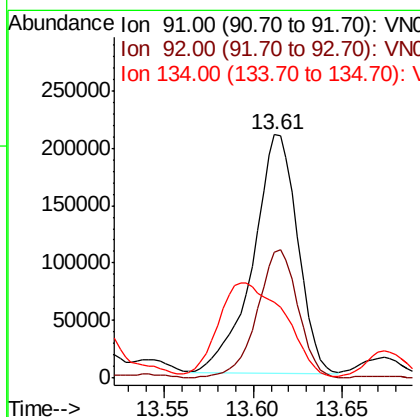
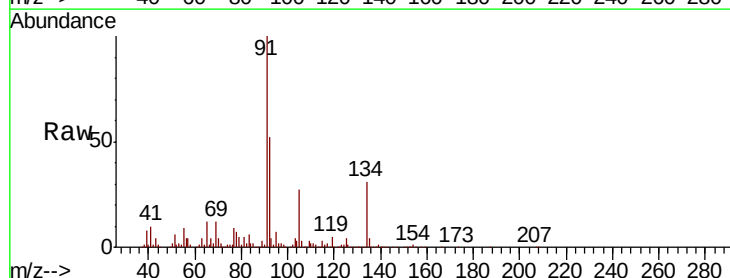
Instrument :
 MSVOA_N
 ClientSampled :

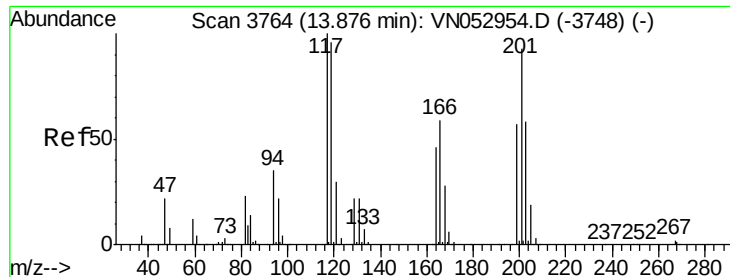
Tot Ion:119 Resp: 325473
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.2
 91 21.6 11.1 33.3



#89
 n-Butylbenzene
 Concen: 8.082 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

Tgt Ion: 91 Resp: 363938
 Ion Ratio Lower Upper
 91 100
 92 48.4 26.3 78.9
 134 0.0 13.3 39.8#





#90

Hexachloroethane

Concen: 5.318 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

Instrument :

MSVOA_N

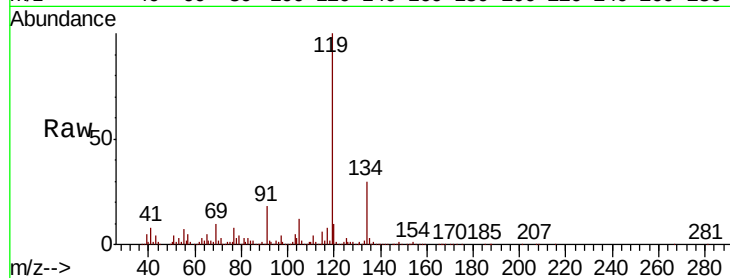
ClientSampleId :

Tot Ion:117 Resp: 42718

Ion Ratio Lower Upper

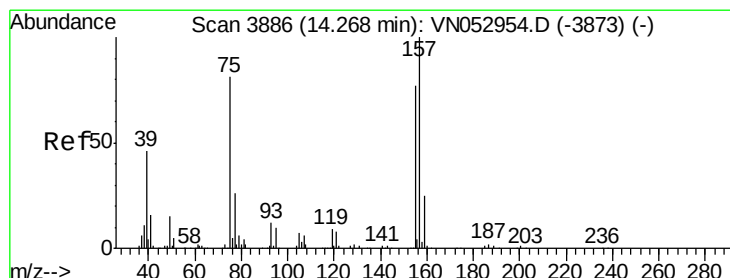
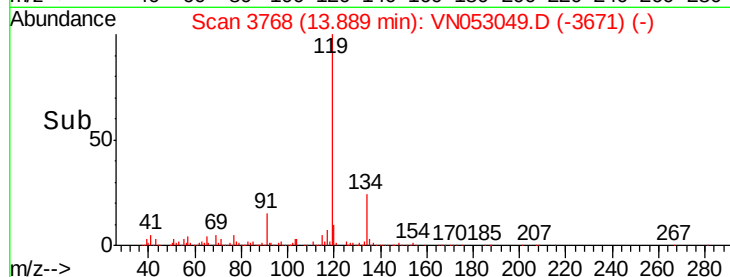
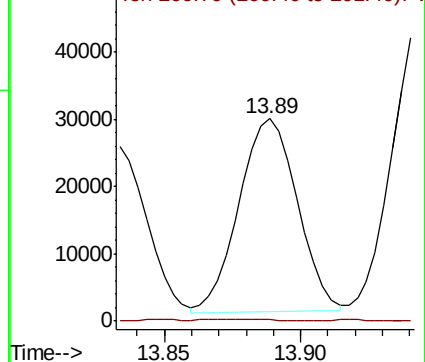
117 100

201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.915 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.02 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

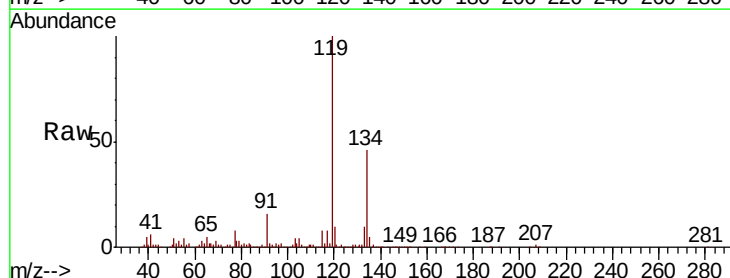
Tgt Ion: 75 Resp: 1929

Ion Ratio Lower Upper

75 100

155 0.0 48.2 144.6#

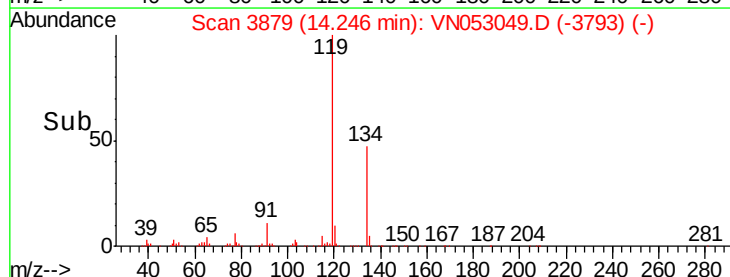
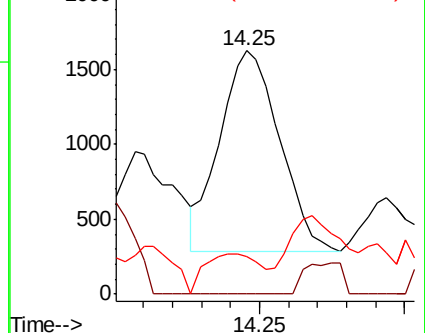
157 18.1 61.2 183.5#

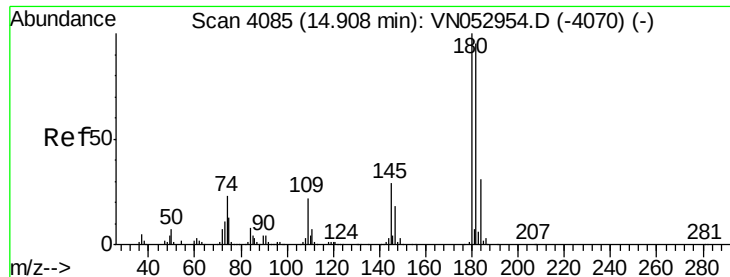


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

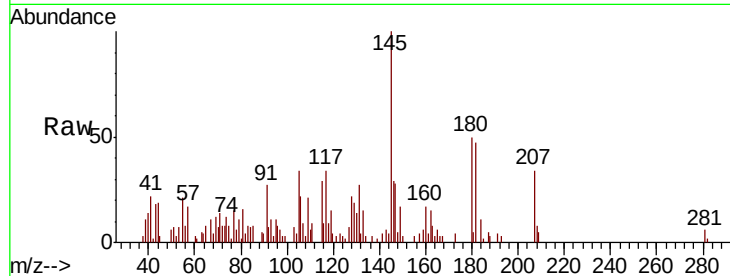




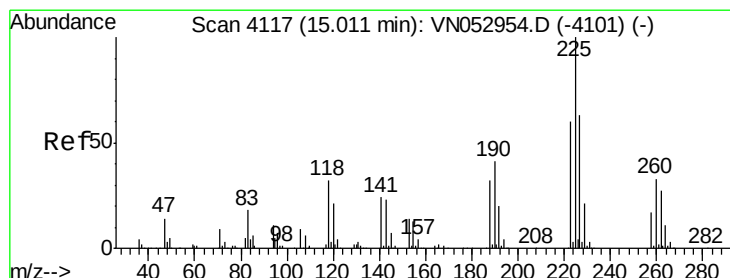
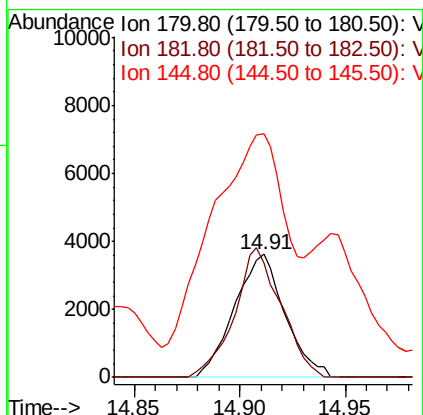
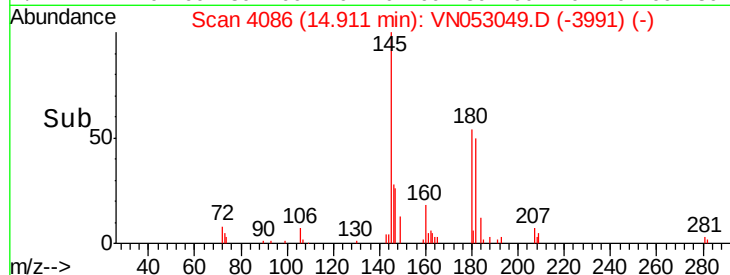
#93
 1,2,4-Trichlorobenzene
 Concen: 1.015 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 6042
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.8 143.3
 145 252.0 14.2 42.6#

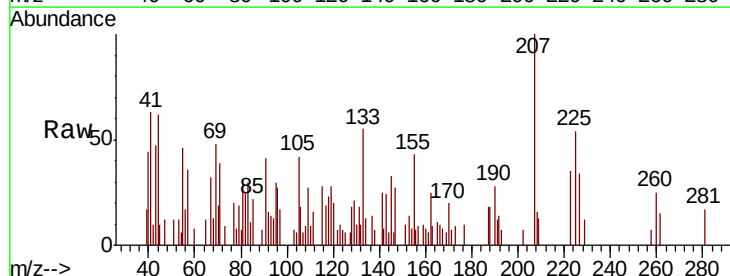


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

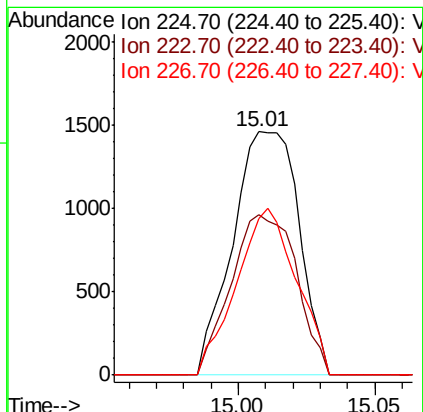
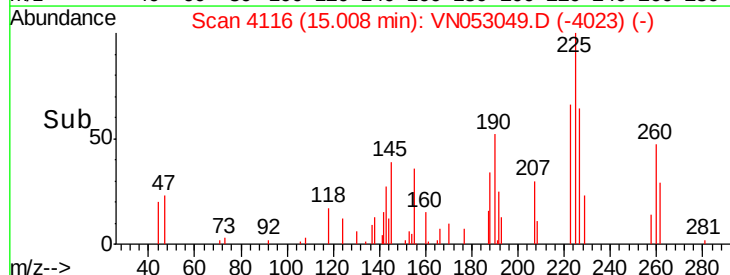


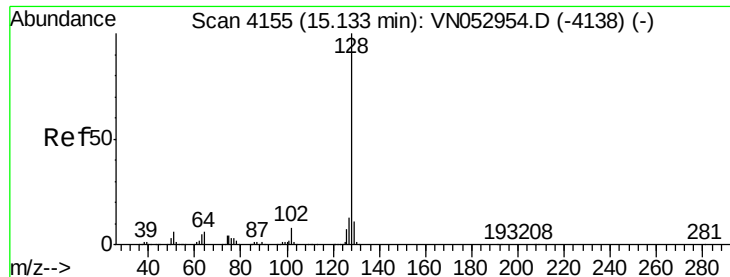
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

Tgt Ion:225 Resp: 2469
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.5 94.5
 227 62.0 31.9 95.7



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: 2.244 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

Instrument :

MSVOA_N

ClientSampled :

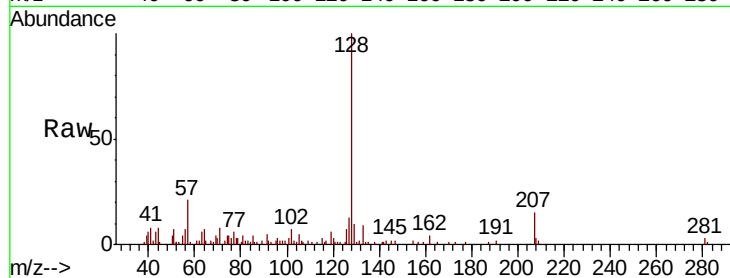
Tot Ion:128 Resp: 35064

Ion Ratio Lower Upper

128 100

127 14.6 10.2 15.4

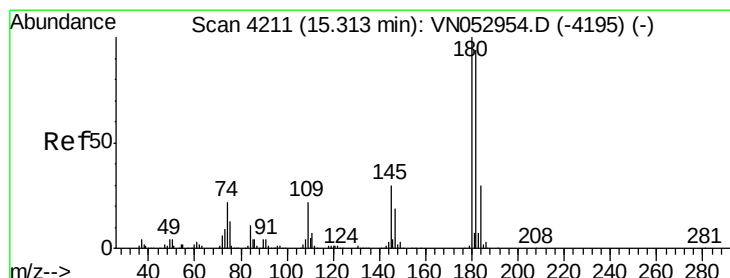
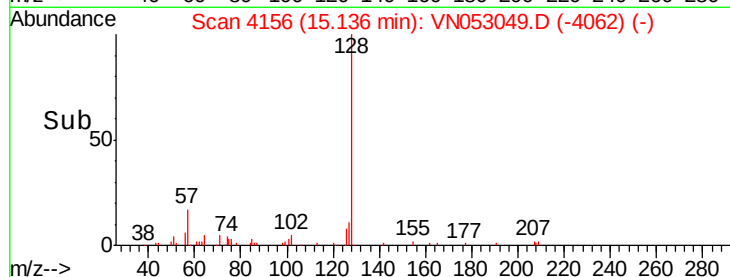
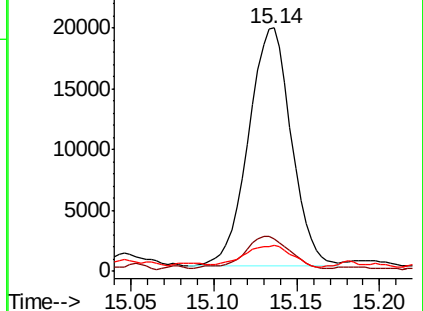
129 10.1 8.6 13.0



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: 1.004 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

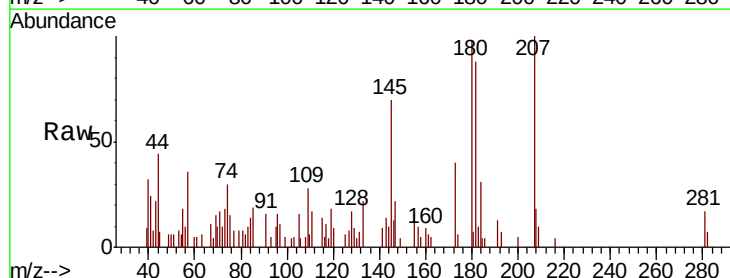
Tgt Ion:180 Resp: 6437

Ion Ratio Lower Upper

180 100

182 92.4 47.9 143.7

145 53.0 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

