

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053031.D
 Acq On : 20 Dec 2018 1:03
 Operator : MD\SY
 Sample : J6411-04
 Misc : 5.93g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 38 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 05:29:02 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	1398069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2102538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1966888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	852114	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	655449	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	
35) Dibromofluoromethane	7.59	113	534407	55.64	ug/l	0.00
Spiked Amount			Recovery	=	111.28%	
50) Toluene-d8	10.09	98	2683012	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.40	95	1132572	62.57	ug/l	0.00
Spiked Amount			Recovery	=	125.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	163	0.208	ug/l	94
16) Acetone	3.82	43	1536	0.552	ug/l	89
18) Methyl Acetate	4.33	43	3235	1.243	ug/l #	72
31) Cyclohexane	7.66	56	36871	0.460	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	90483	4.484	ug/l #	49
38) Carbon Tetrachloride	7.66	117	118123	6.386	ug/l #	16
39) Methylcyclohexane	9.08	83	111447	4.546	ug/l	98
43) Isopropyl Acetate	8.18	43	12910	Below Cal	#	53
48) Methyl methacrylate	9.15	41	9985	0.913	ug/l #	37
51) 4-Methyl-2-Pentanone	10.08	43	43951	4.028	ug/l	90
55) 1,1,2-Trichloroethane	10.53	97	227799	17.550	ug/l #	19
56) Ethyl methacrylate	10.43	69	98512	5.734	ug/l #	16
59) 2-Hexanone	10.72	43	1081971	146.577	ug/l #	28
65) Chlorobenzene	11.54	112	55794	1.280	ug/l #	43
67) Ethyl Benzene	11.51	91	223698	2.983	ug/l	99
68) m/p-Xylenes	11.63	106	594328	20.850	ug/l	98
71) Bromoform	12.40	173	4597	0.420	ug/l #	1
73) Isopropylbenzene	12.25	105	3708170	55.619	ug/l	99
74) N-amyl acetate	12.05	43	3367497	181.927	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.47	83	299756	22.918	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	45208	3.152	ug/l #	100
77) Bromobenzene	12.50	156	4029	0.232	ug/l #	1
78) n-propylbenzene	12.59	91	8413147	110.799	ug/l	99
79) 2-Chlorotoluene	12.69	91	1275538	27.101	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	6004849	110.501	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.25	75	35811	8.047	ug/l #	29
82) 4-Chlorotoluene	12.73	91	647534	14.054	ug/l #	56
83) tert-Butylbenzene	12.99	119	739529	15.387	ug/l	98
84) 1,2,4-Trimethylbenzene	13.17	105	5394022	98.739	ug/l #	30
85) sec-Butylbenzene	13.17	105	5394022	82.976	ug/l #	75
86) p-Isopropyltoluene	13.29	119	4503117	80.167	ug/l	100
89) n-Butylbenzene	13.62	91	6549903	135.539	ug/l #	73
90) Hexachloroethane	13.89	117	636062	73.790	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	25358	11.213	ug/l #	1

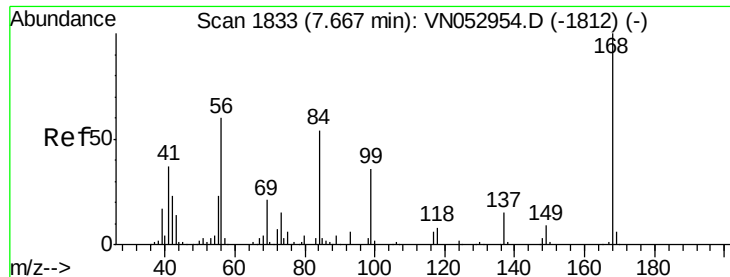
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
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Acq On : 20 Dec 2018 1:03
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1888	0.718	ug/l #	1
94) Hexachlorobutadiene	15.01	225	111	Below Cal	#	31
95) Naphthalene	15.13	128	198515	6.936	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	1378	0.607	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: VN053031.D

Acq: 20 Dec 2018 1:03

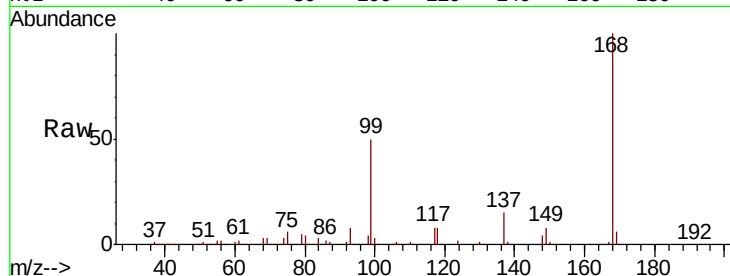
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1398069

Ion Ratio Lower Upper

168 100

99 49.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

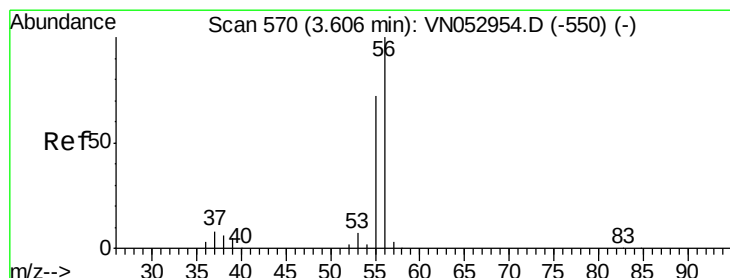
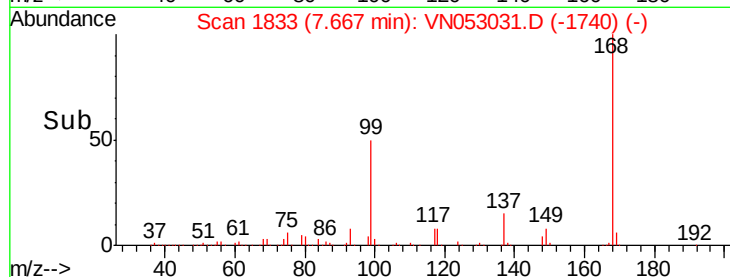
600000

400000

200000

0

Time-->



#13

Acrolein

Concen: 0.208 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN053031.D

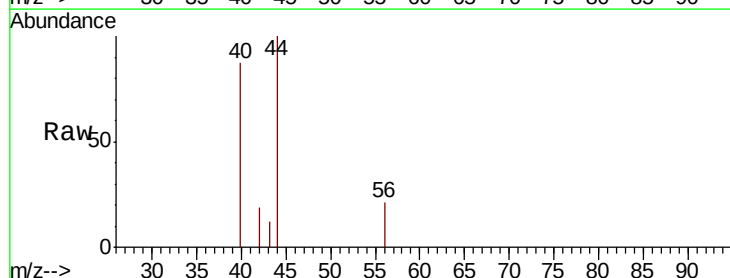
Acq: 20 Dec 2018 1:03

Tgt Ion: 56 Resp: 163

Ion Ratio Lower Upper

56 100

55 65.6 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

300

250

200

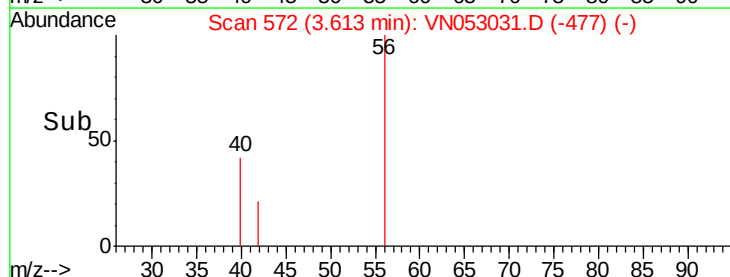
150

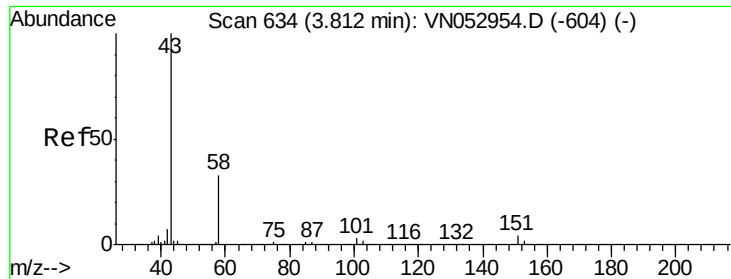
100

50

0

Time-->





#16

Acetone

Concen: 0.552 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

Instrument :

MSVOA_N

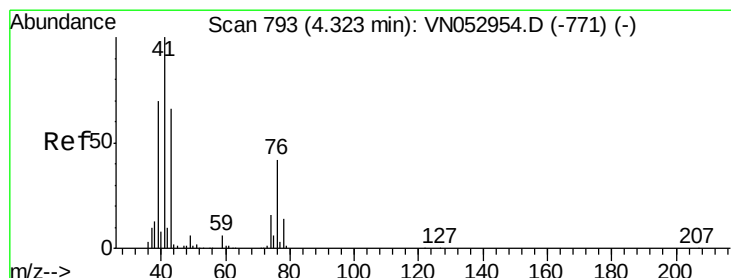
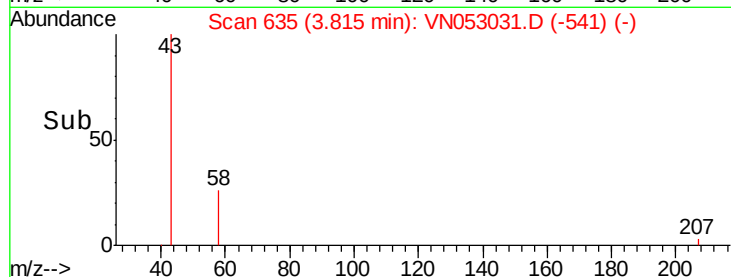
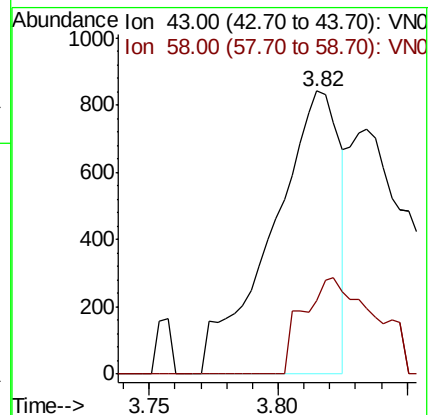
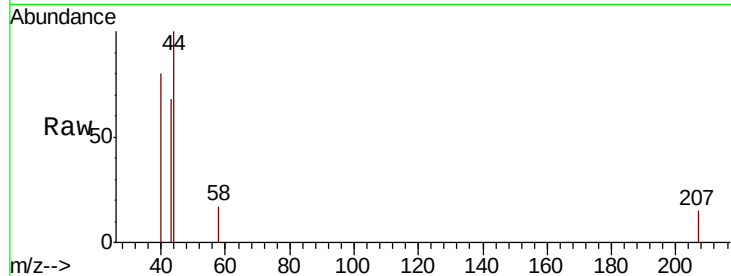
ClientSampled :

Tot Ion: 43 Resp: 1536

Ion Ratio Lower Upper

43 100

58 25.8 25.4 38.0



#18

Methyl Acetate

Concen: 1.243 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053031.D

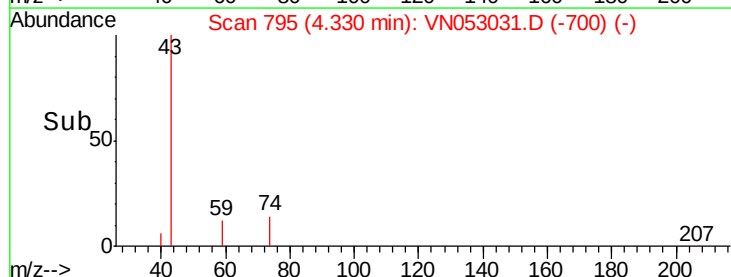
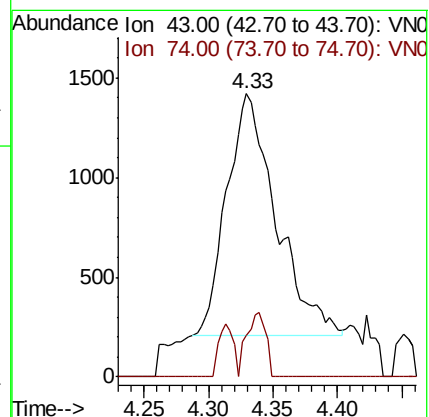
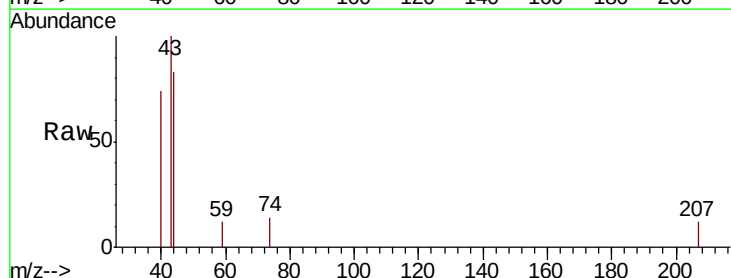
Acq: 20 Dec 2018 1:03

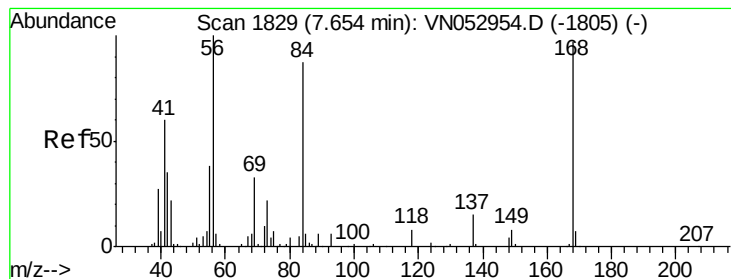
Tgt Ion: 43 Resp: 3235

Ion Ratio Lower Upper

43 100

74 10.2 19.2 28.8#





#31

Cyclohexane

Concen: 0.460 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

Instrument :
MSVOA_N
ClientSampled :

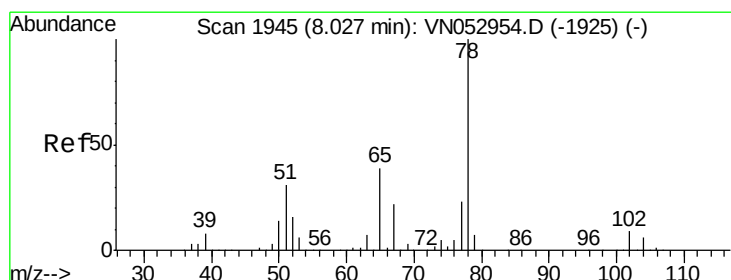
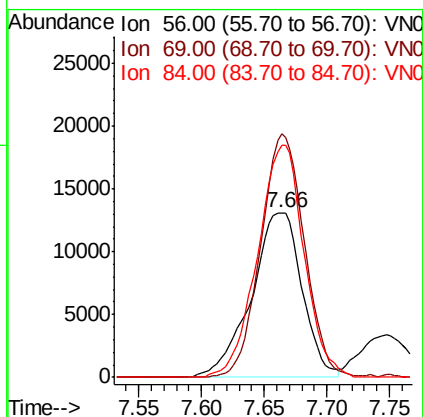
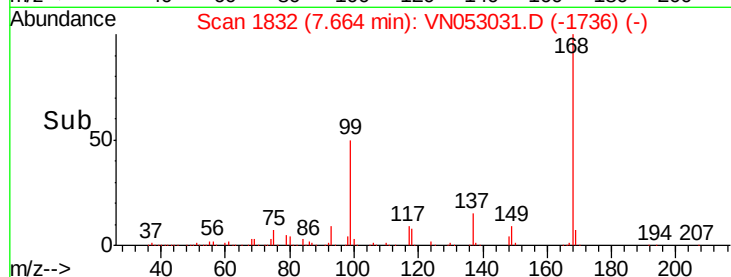
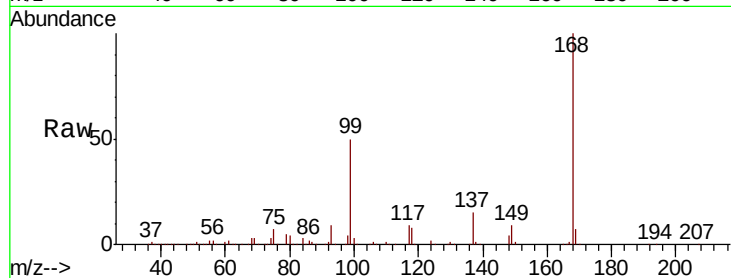
Tot Ion: 56 Resp: 36871

Ion Ratio Lower Upper

56 100

69 148.0 26.6 39.8#

84 140.9 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053031.D

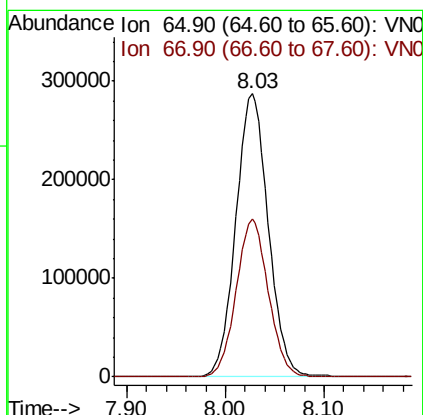
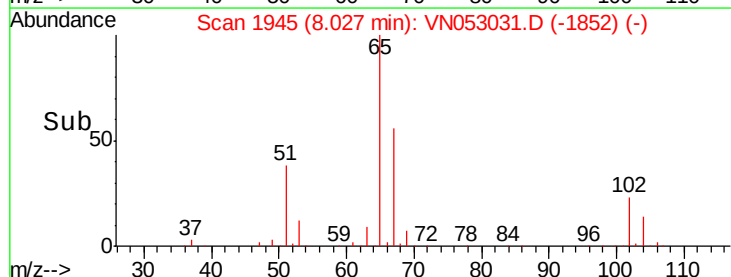
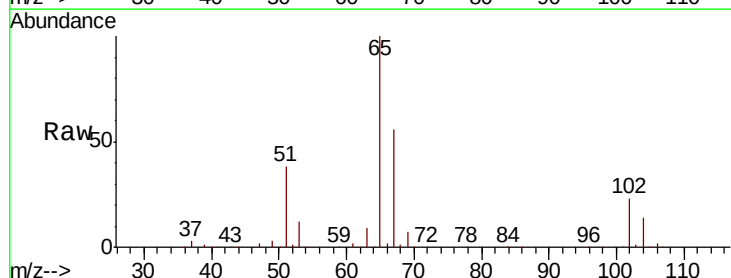
Acq: 20 Dec 2018 1:03

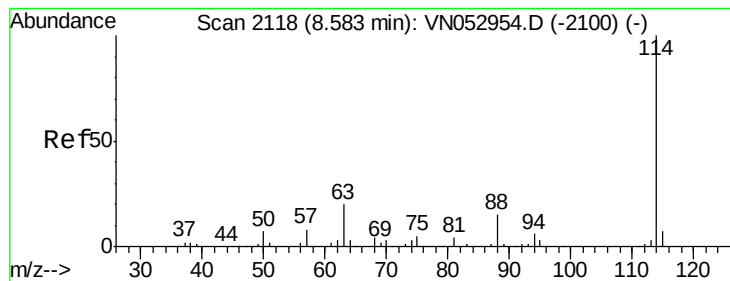
Tgt Ion: 65 Resp: 655449

Ion Ratio Lower Upper

65 100

67 55.3 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: VN053031.D

Acq: 20 Dec 2018 1:03

Instrument :

MSVOA_N

ClientSampleId :

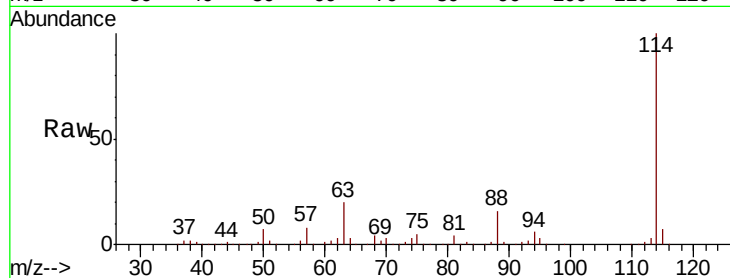
Tot Ion:114 Resp: 2102538

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

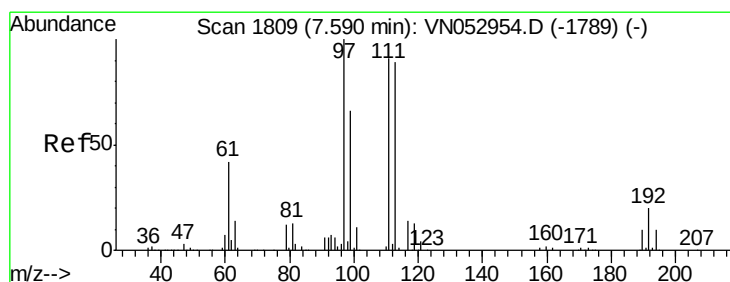
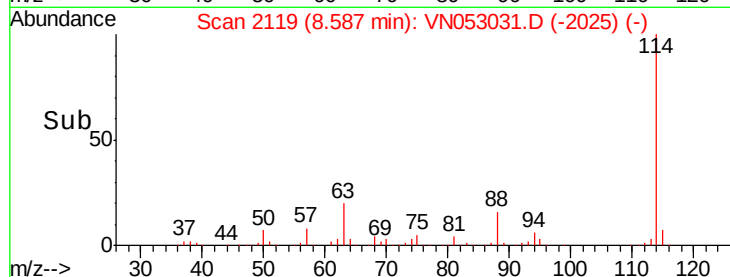
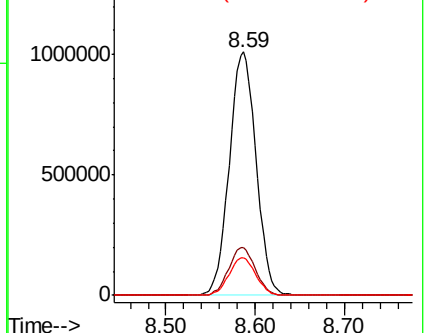
88 15.6 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

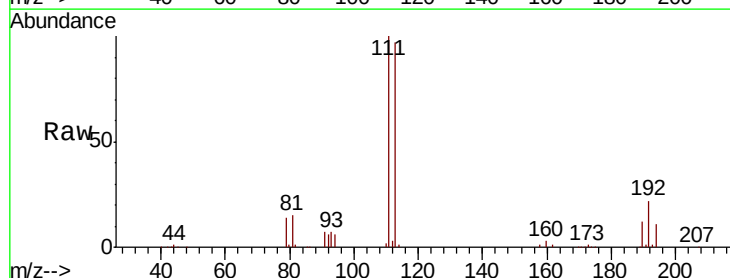
Tgt Ion:113 Resp: 534407

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

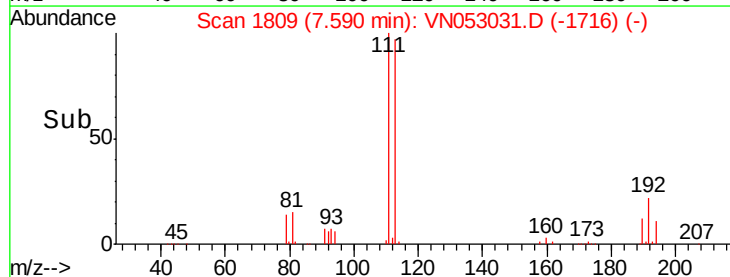
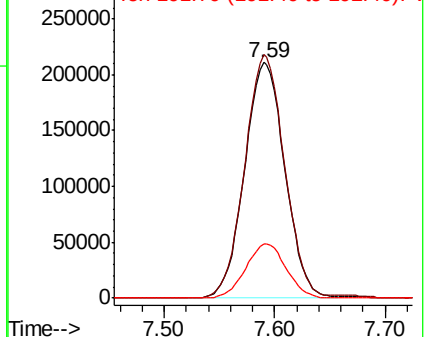
192 22.9 17.5 26.3

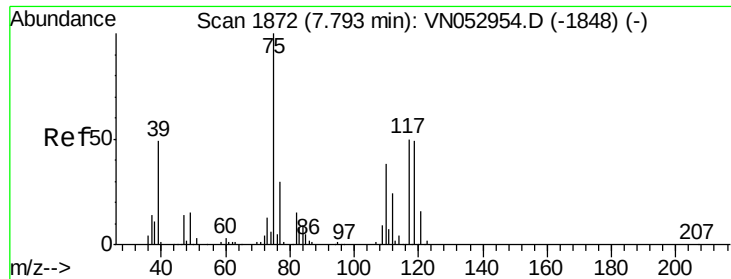


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

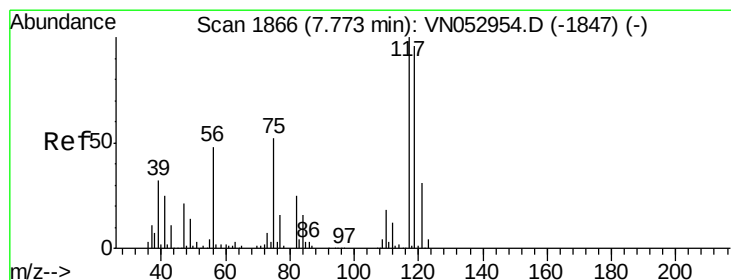
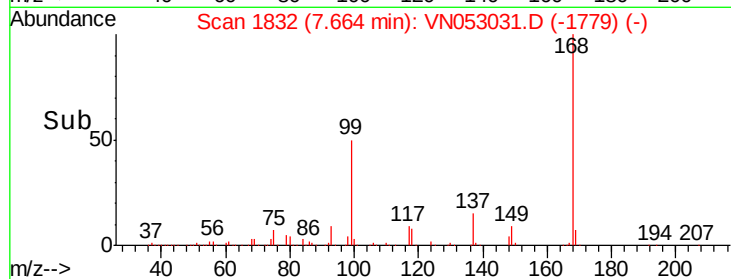
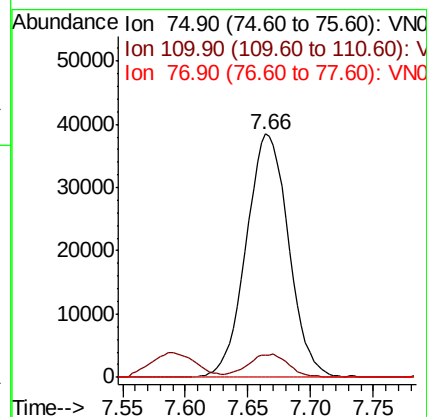
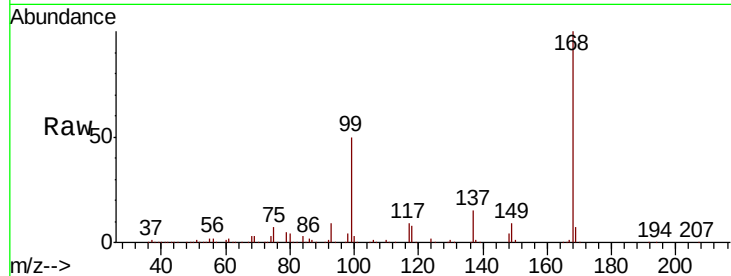




#36
 1,1-Dichloropropene
 Concen: 4.484 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053031.D
 Acq: 20 Dec 2018 1:03

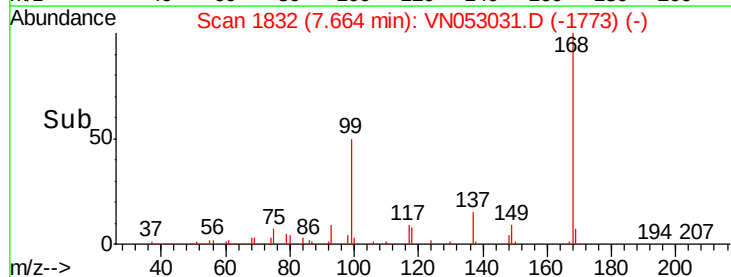
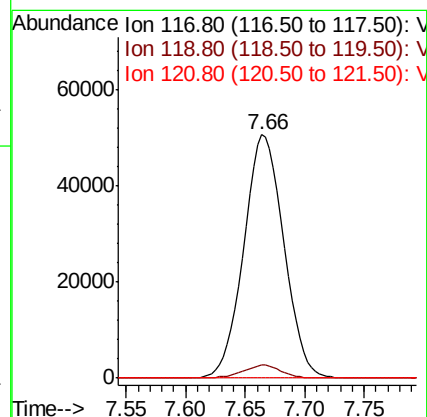
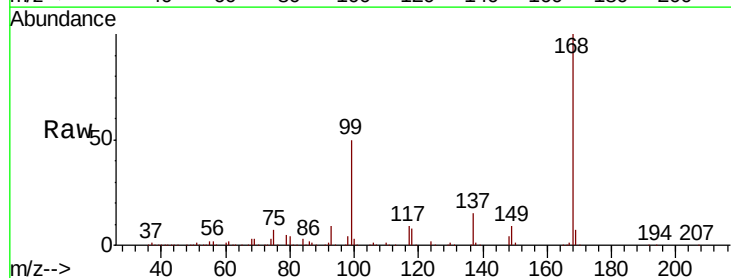
Instrument :
 MSVOA_N
 ClientSampled :

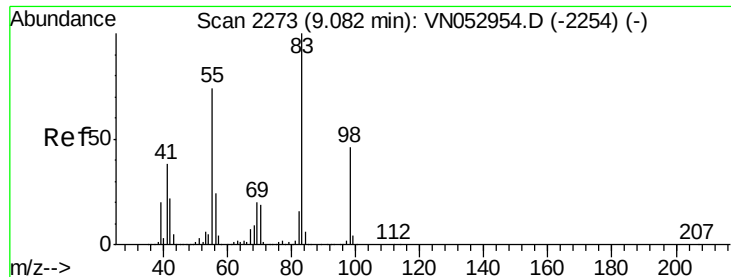
Tot Ion	75	Resp	90483
Ion Ratio	100	Lower	Upper
75	100		
110	9.1	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.386 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN053031.D
 Acq: 20 Dec 2018 1:03

Tgt Ion	117	Resp	118123
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.2	77.1	115.7#
121	0.0	24.9	37.3#

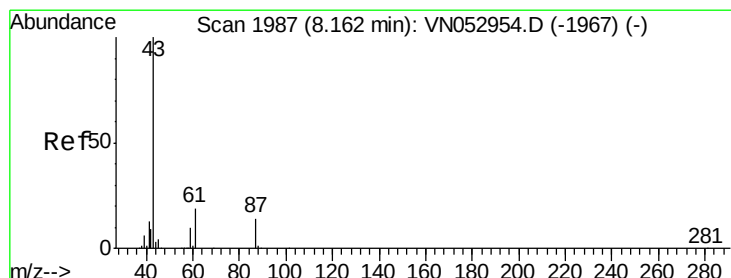
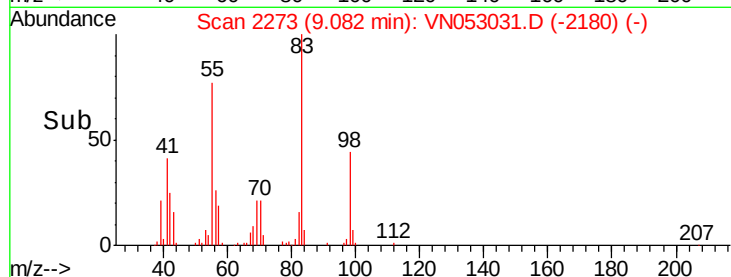
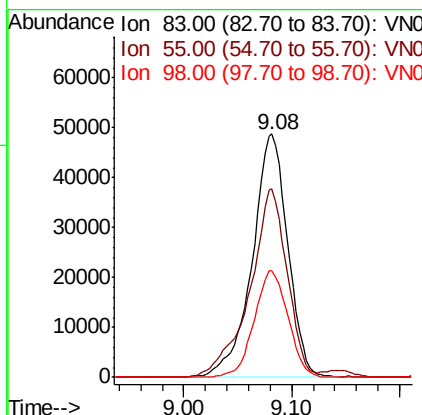
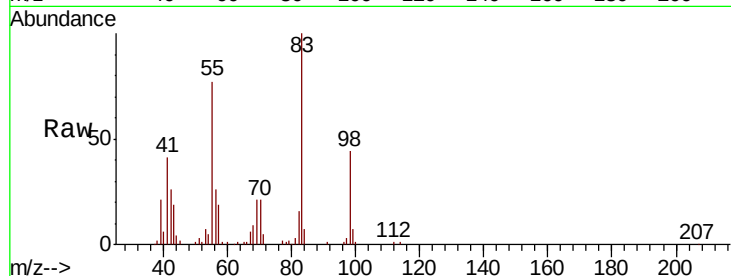




#39
Methylcyclohexane
Concen: 4.546 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053031.D
Acq: 20 Dec 2018 1:03

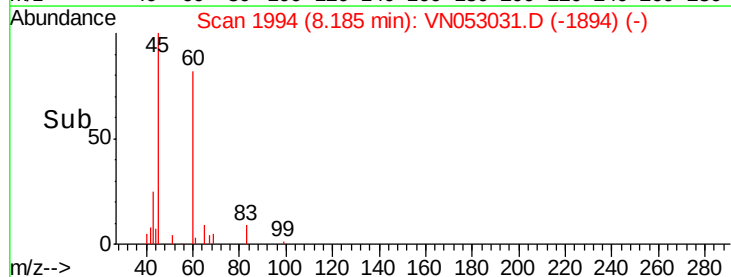
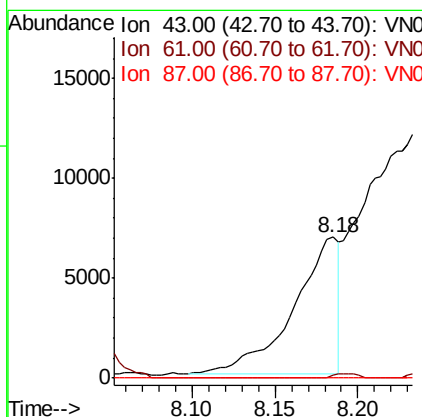
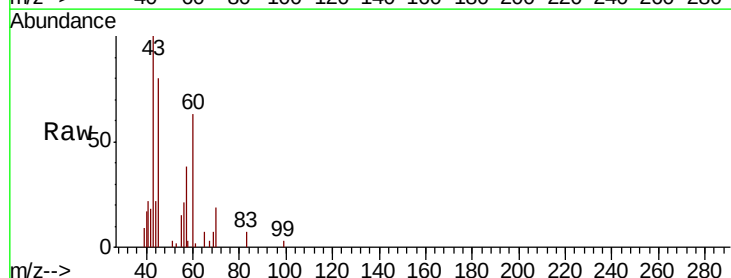
Instrument :
MSVOA_N
ClientSampleId :

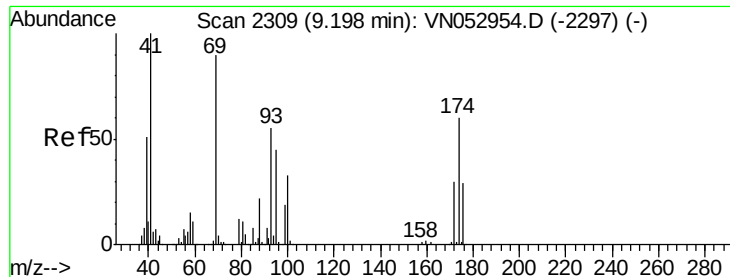
Tot Ion: 83 Resp: 111447
Ion Ratio Lower Upper
83 100
55 77.4 61.3 91.9
98 43.7 37.0 55.4



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.18 min Scan# 1994
Delta R.T. 0.02 min
Lab File: VN053031.D
Acq: 20 Dec 2018 1:03

Tgt Ion: 43 Resp: 12910
Ion Ratio Lower Upper
43 100
61 0.0 22.9 34.3#
87 0.0 10.6 15.8#

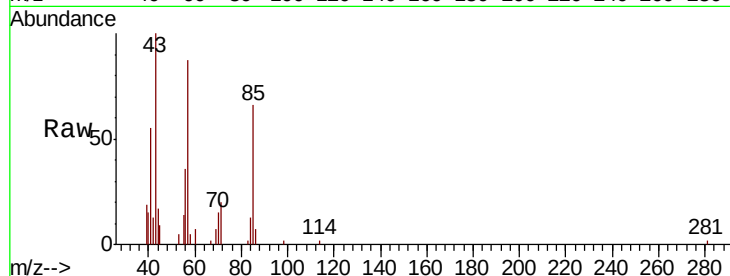




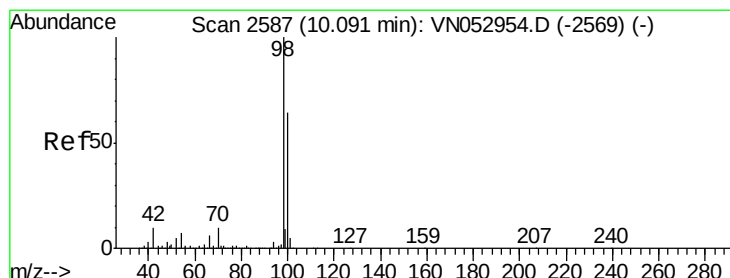
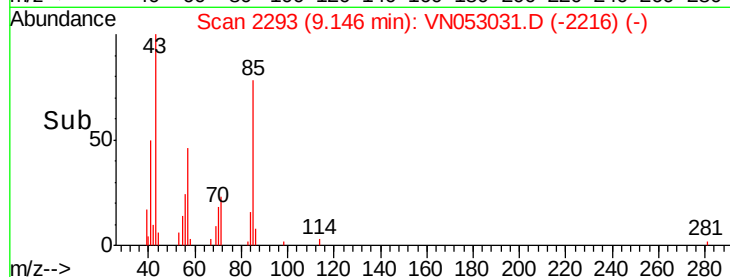
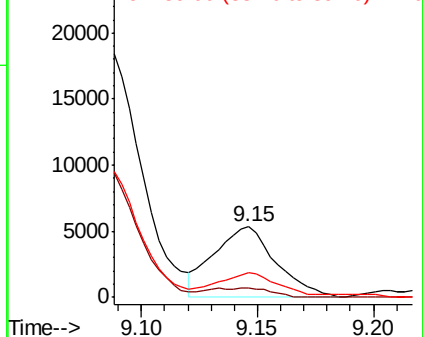
#48
Methvl methacrylate
Concen: 0.913 ug/l
RT: 9.15 min Scan# 2293
Delta R.T. -0.05 min
Lab File: VN053031.D
Acq: 20 Dec 2018 1:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 9985
Ion Ratio Lower Upper
41 100
69 12.9 72.2 108.2#
39 30.2 41.9 62.9#

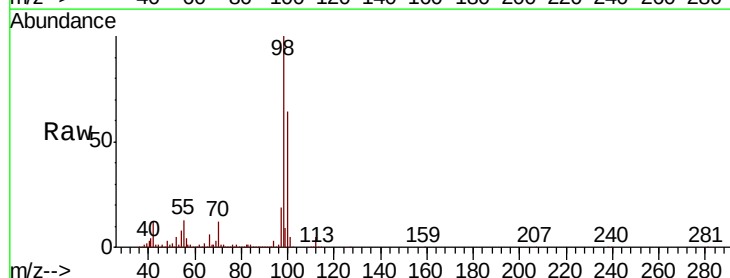


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

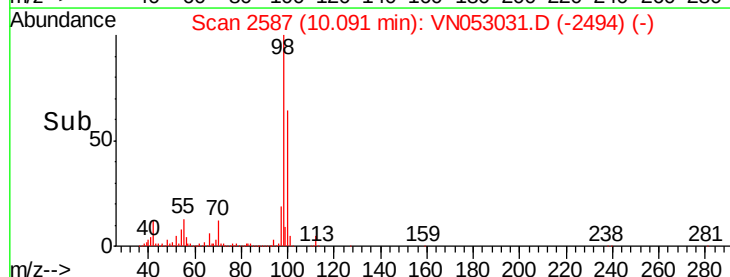
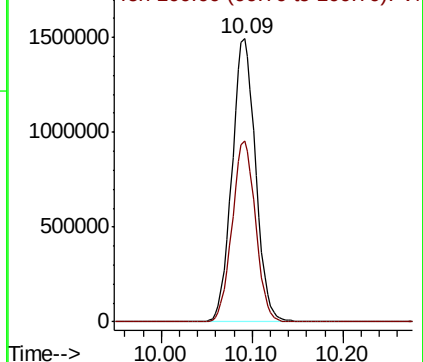


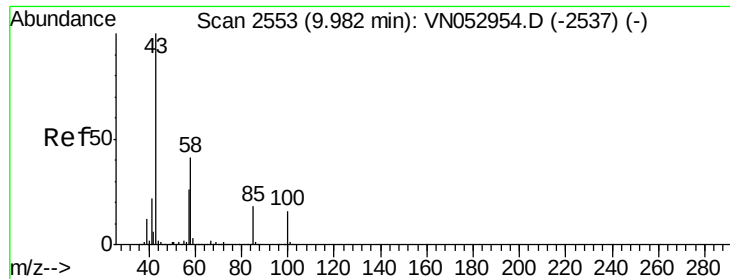
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053031.D
Acq: 20 Dec 2018 1:03

Tgt Ion: 98 Resp: 2683012
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 4.028 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.10 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

Instrument :

MSVOA_N

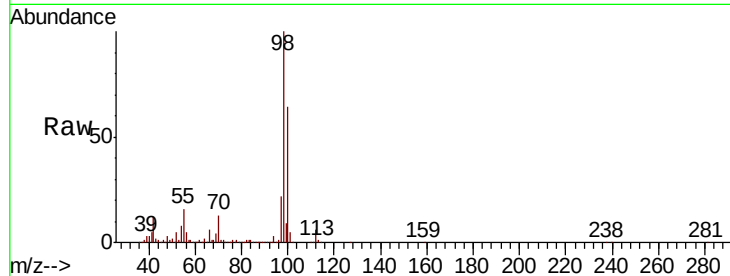
ClientSampled :

Tot Ion: 43 Resp: 43951

Ion Ratio Lower Upper

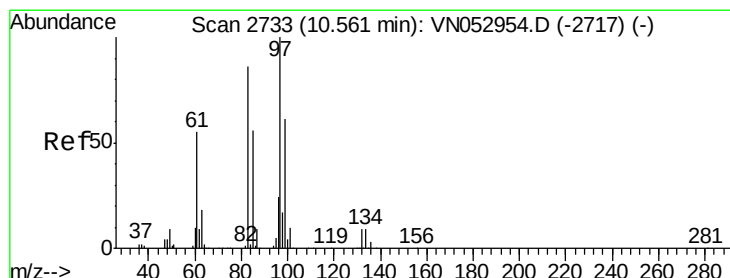
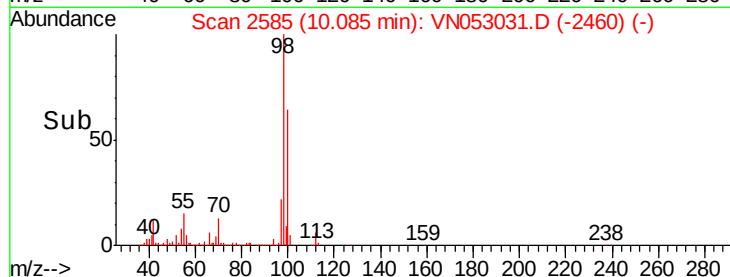
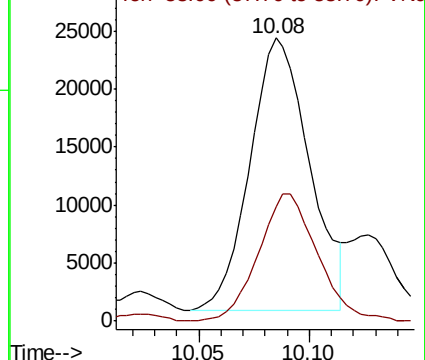
43 100

58 46.3 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 58.00 (57.70 to 58.70): VNC



#55

1,1,2-Trichloroethane

Concen: 17.550 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

Tgt Ion: 97 Resp: 227799

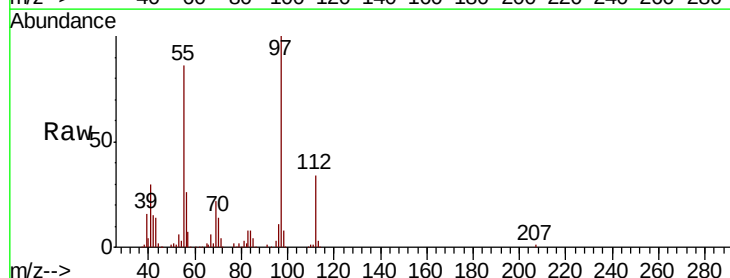
Ion Ratio Lower Upper

97 100

83 8.5 70.9 106.3#

85 3.8 45.4 68.2#

99 0.2 50.4 75.6#

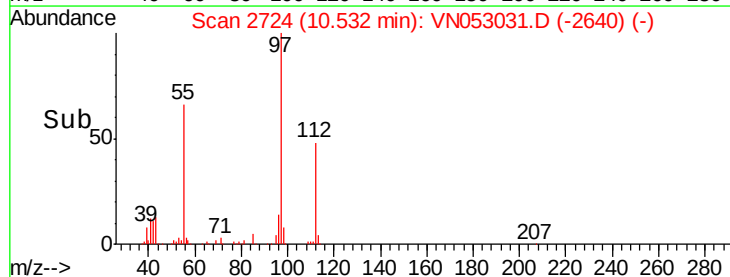
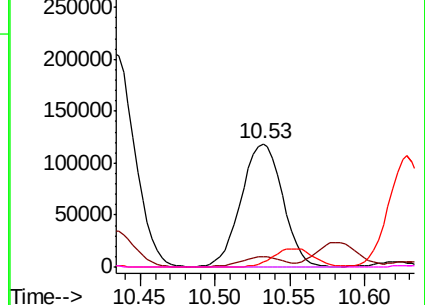


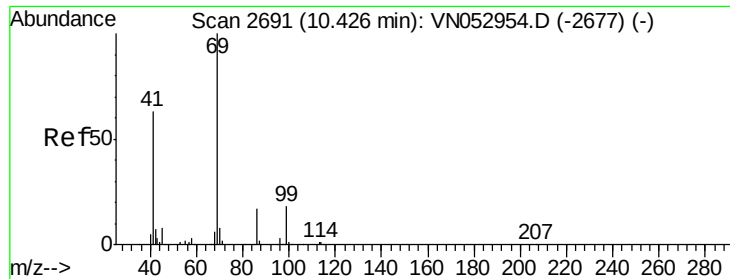
Abundance Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC





#56

Ethyl methacrylate

Concen: 5.734 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.01 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

Instrument :

MSVOA_N

ClientSampleId :

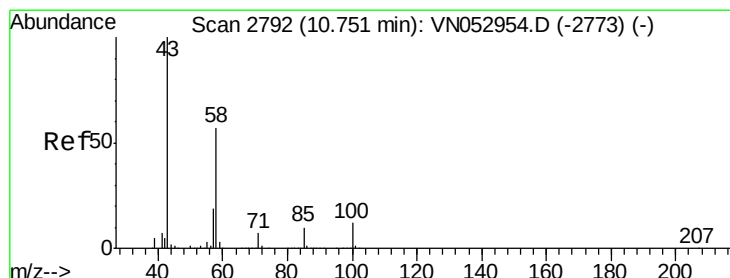
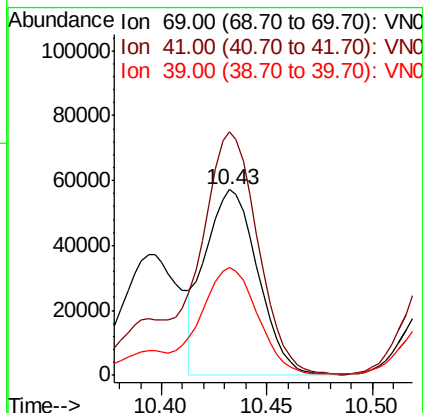
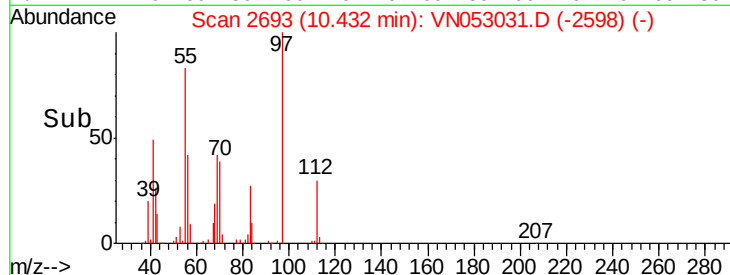
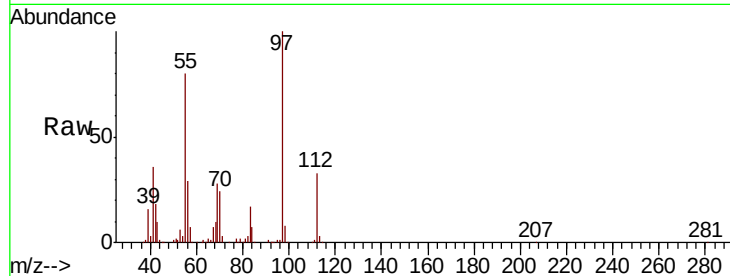
Tot Ion: 69 Resp: 98512

Ion Ratio Lower Upper

69 100

41 140.6 51.7 77.5#

39 63.0 24.6 37.0#



#59

2-Hexanone

Concen: 146.577 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN053031.D

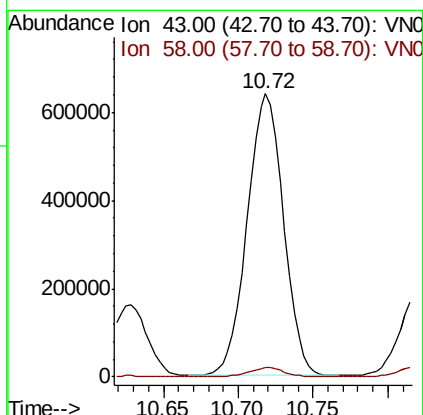
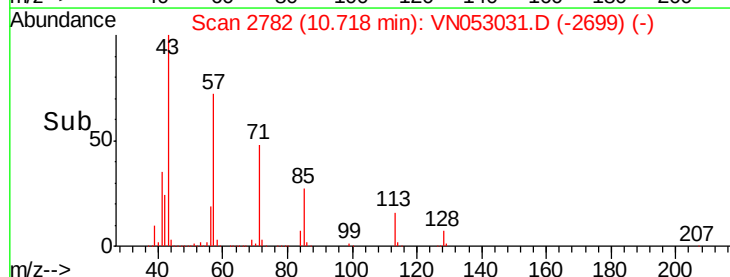
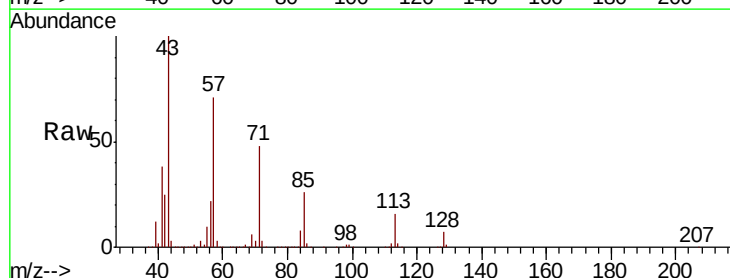
Acq: 20 Dec 2018 1:03

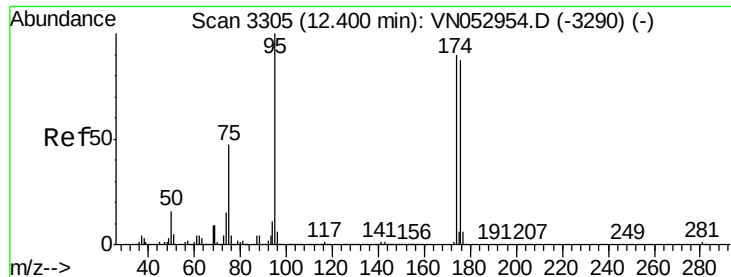
Tgt Ion: 43 Resp: 1081971

Ion Ratio Lower Upper

43 100

58 3.4 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: VN053031.D

Acq: 20 Dec 2018 1:03

Instrument :

MSVOA_N

ClientSampled :

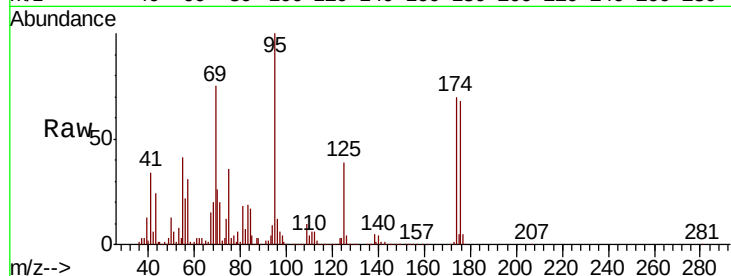
Tot Ion: 95 Resp: 1132572

Ion	Ratio	Lower	Upper
95	100		
174	68.3	0.0	178.8
176	66.2	0.0	173.8

95 100

174 68.3 0.0 178.8

176 66.2 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

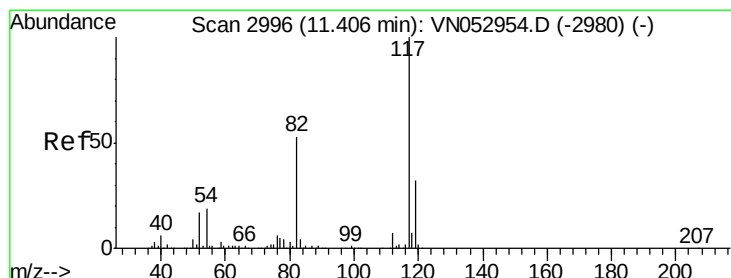
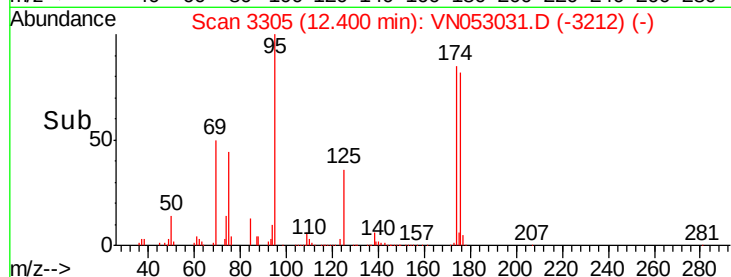
400000

200000

0

12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

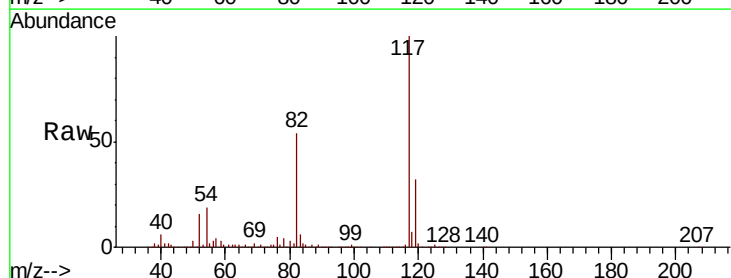
Tgt Ion: 117 Resp: 1966888

Ion	Ratio	Lower	Upper
117	100		
82	50.0	42.8	64.2
119	31.9	25.5	38.3

117 100

82 50.0 42.8 64.2

119 31.9 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

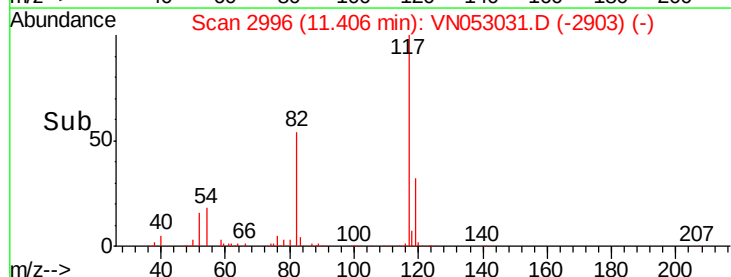
1000000

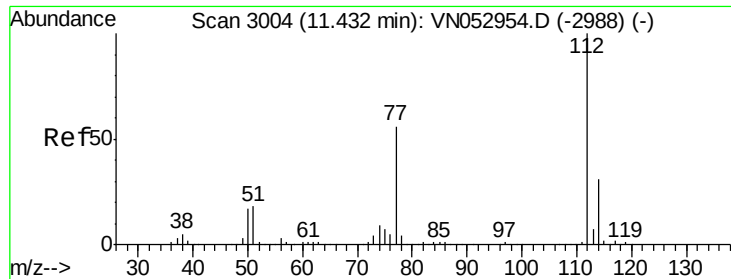
500000

0

11.30 11.40 11.50

Time-->

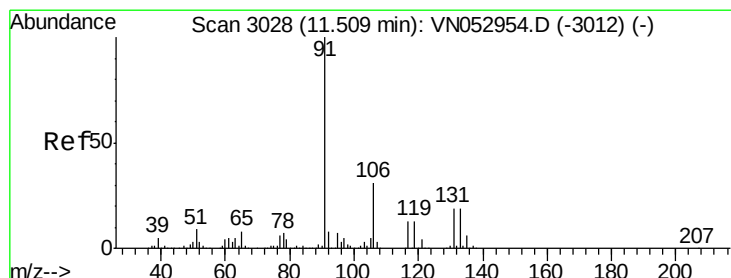
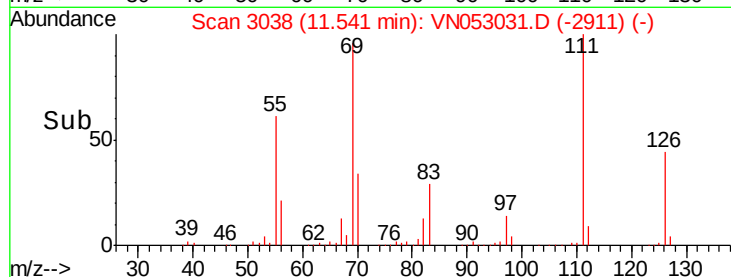
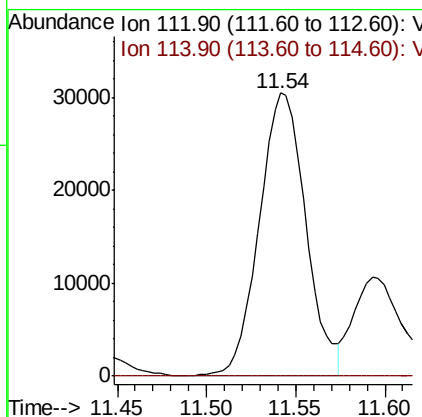
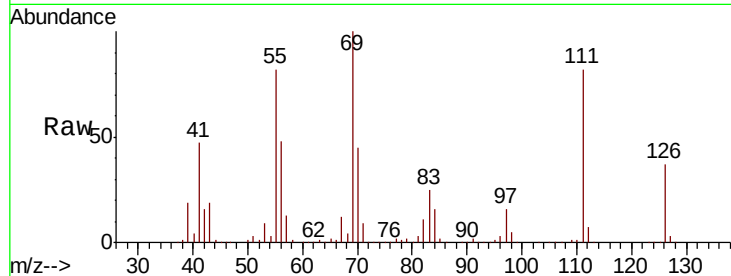




#65
Chlorobenzene
Concen: 1.280 ug/l
RT: 11.54 min Scan# 3038
Delta R.T. 0.11 min
Lab File: VN053031.D
Acq: 20 Dec 2018 1:03

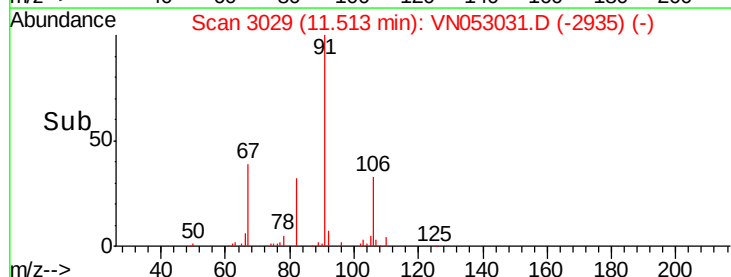
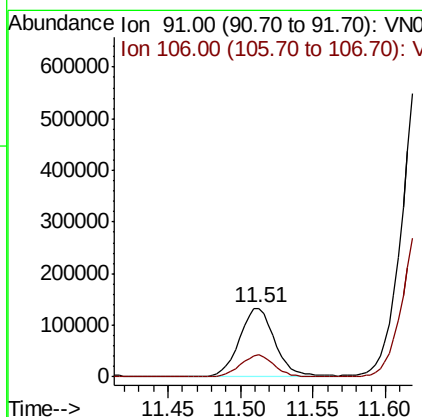
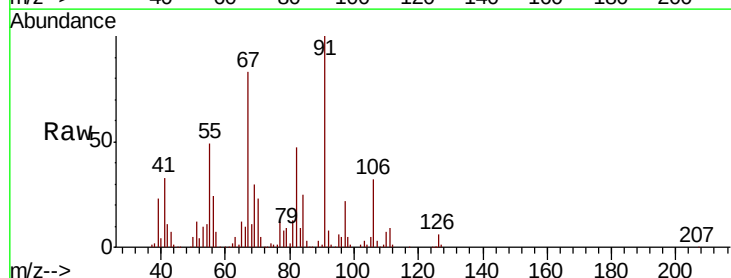
Instrument :
MSVOA_N
ClientSampled :

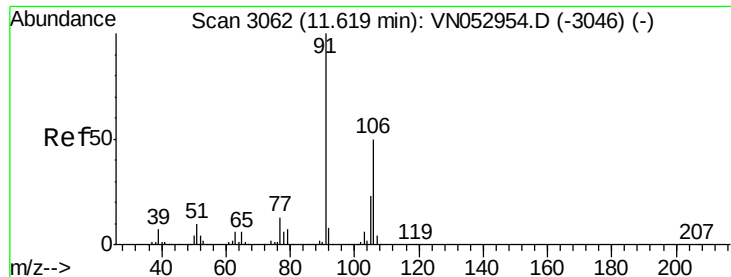
Tot Ion:112 Resp: 55794
Ion Ratio Lower Upper
112 100
114 0.0 25.5 38.3#



#67
Ethyl Benzene
Concen: 2.983 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053031.D
Acq: 20 Dec 2018 1:03

Tgt Ion: 91 Resp: 223698
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

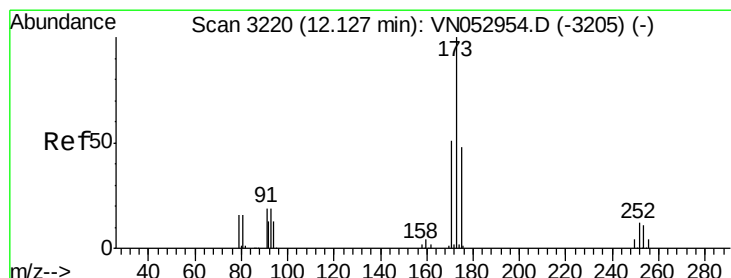
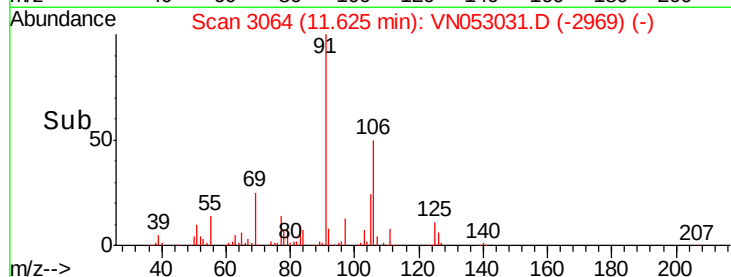
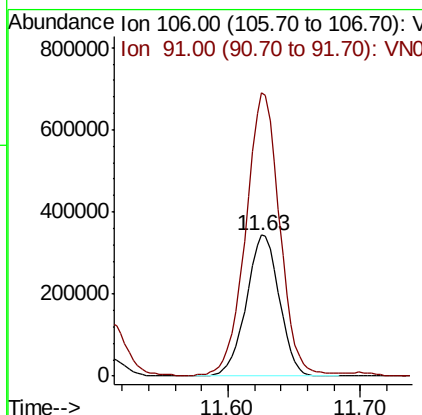
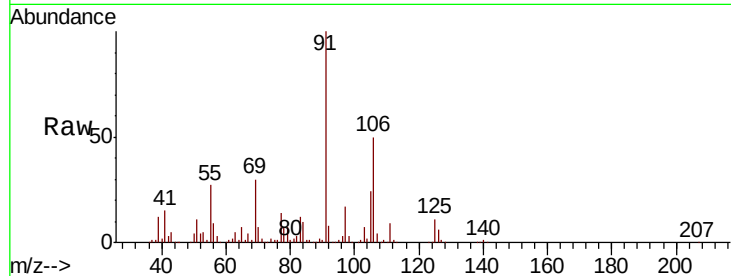




#68
m/p-Xvlenes
Concen: 20.850 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN053031.D
Acq: 20 Dec 2018 1:03

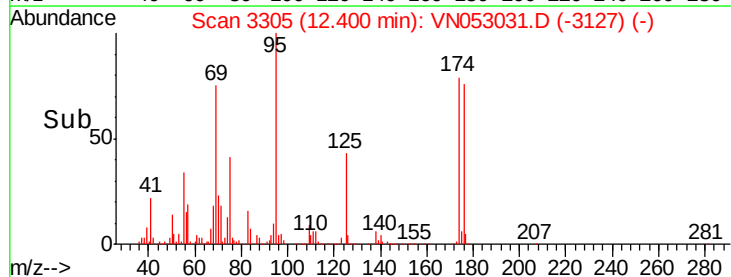
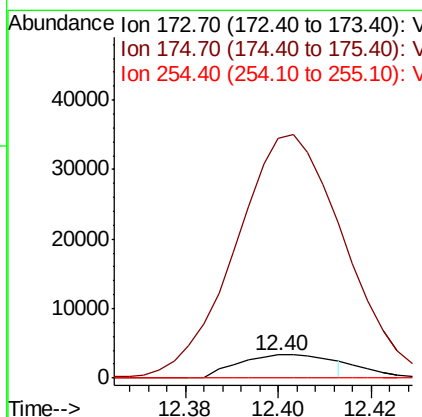
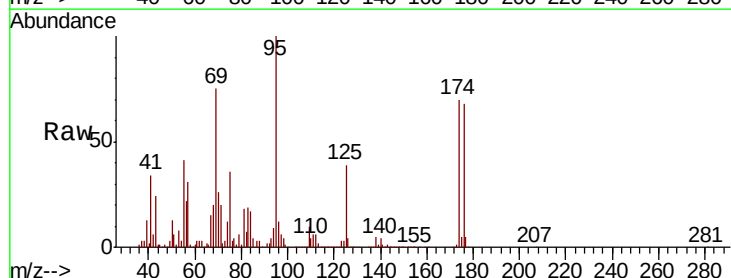
Instrument :
MSVOA_N
ClientSampled :

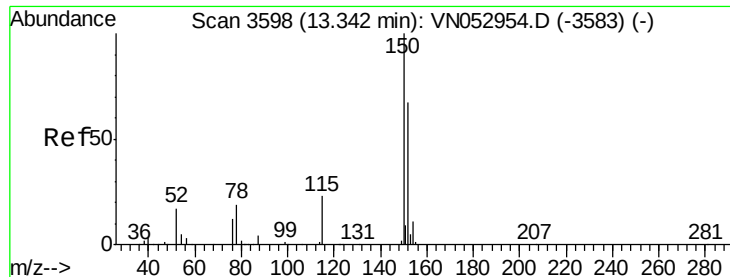
Tot Ion:106 Resp: 594328
Ion Ratio Lower Upper
106 100
91 205.1 162.2 243.4



#71
Bromoform
Concen: 0.420 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053031.D
Acq: 20 Dec 2018 1:03

Tgt Ion:173 Resp: 4597
Ion Ratio Lower Upper
173 100
175 1071.8 24.3 72.9#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

Instrument :

MSVOA_N

ClientSampleId :

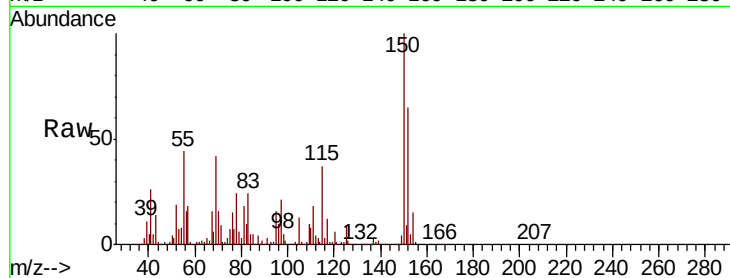
Tot Ion:152 Resp: 852114

Ion Ratio Lower Upper

152 100

115 49.2 28.3 85.0

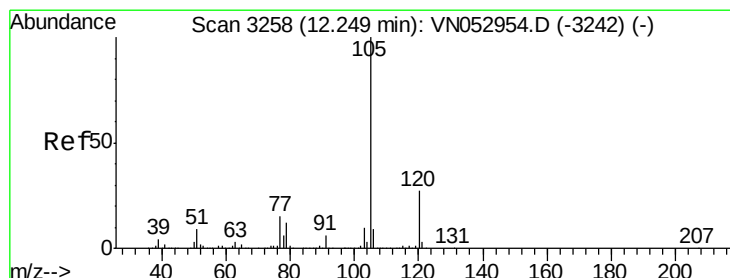
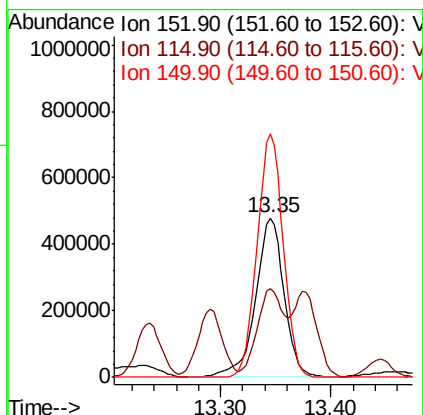
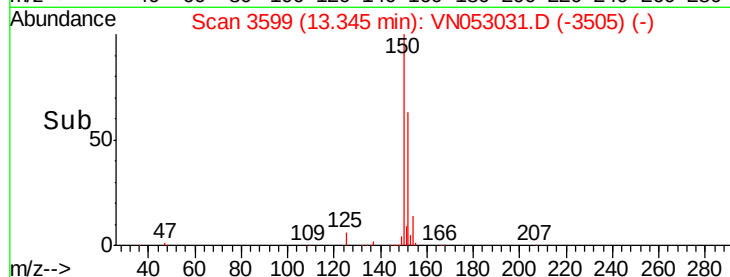
150 140.6 0.0 347.8



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: 55.619 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053031.D

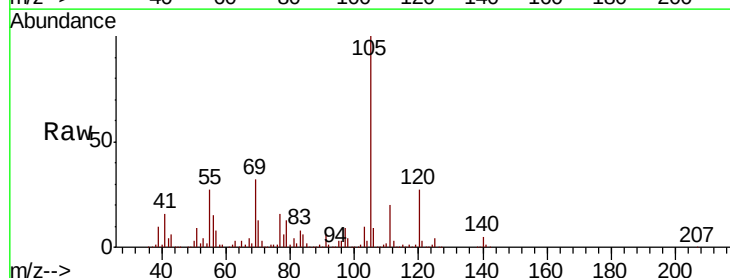
Acq: 20 Dec 2018 1:03

Tgt Ion:105 Resp: 3708170

Ion Ratio Lower Upper

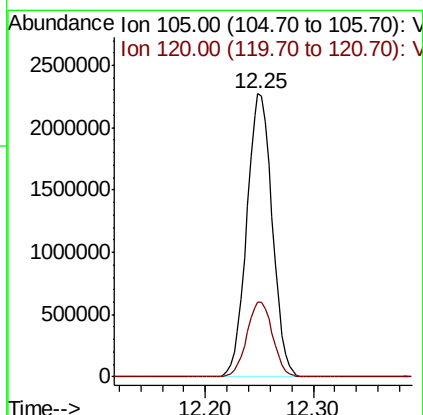
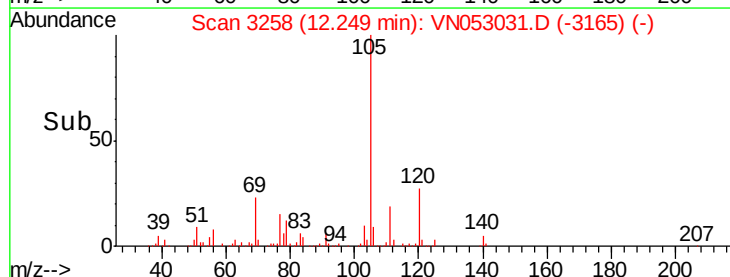
105 100

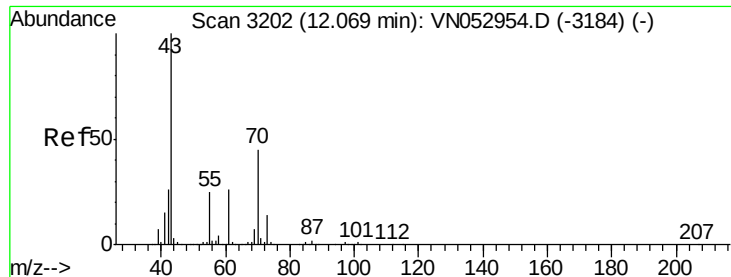
120 26.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 181.927 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

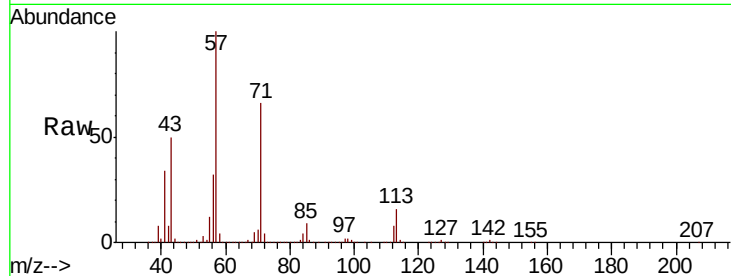
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 3367497

Ion	Ratio	Lower	Upper
43	100		
70	9.3	34.2	51.4#
55	17.9	20.3	30.5#
61	0.0	20.0	30.0#



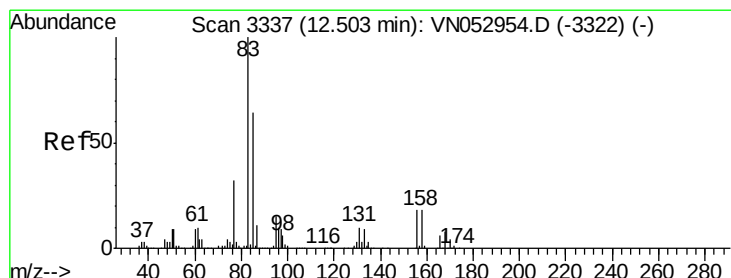
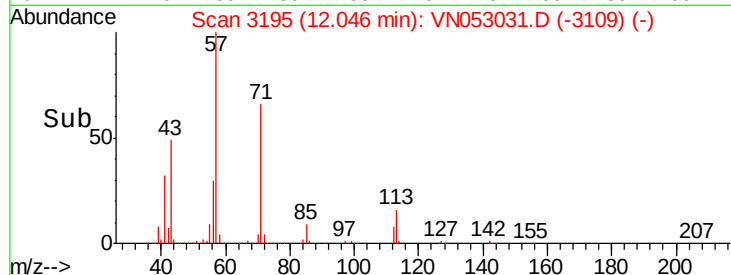
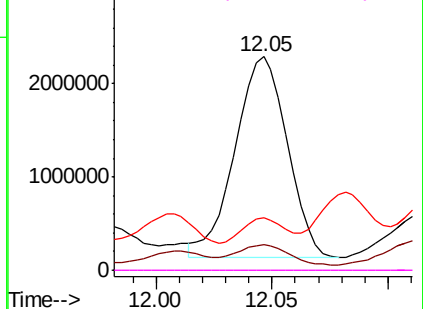
Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 22.918 ug/l

RT: 12.47 min Scan# 3328

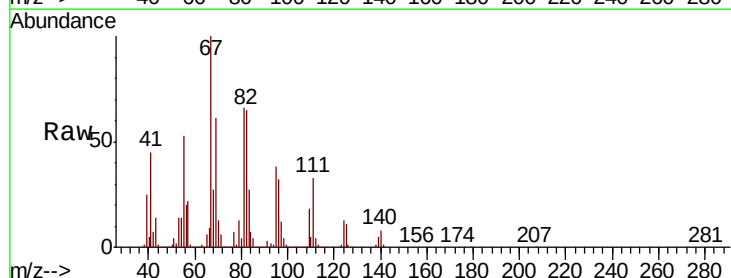
Delta R.T. -0.03 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

Tgt Ion: 83 Resp: 299756

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.2	15.6#
85	0.0	32.4	97.0#

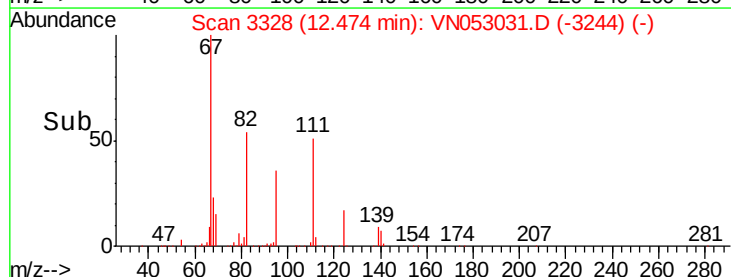
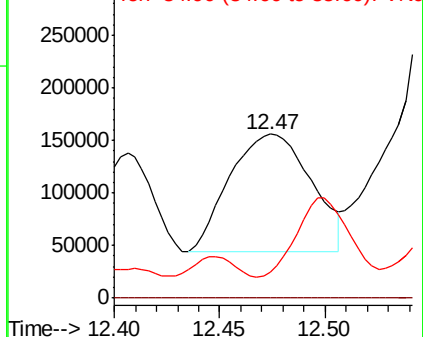


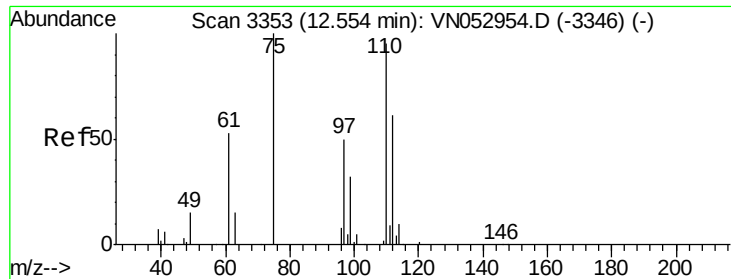
Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 3.152 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

Instrument :

MSVOA_N

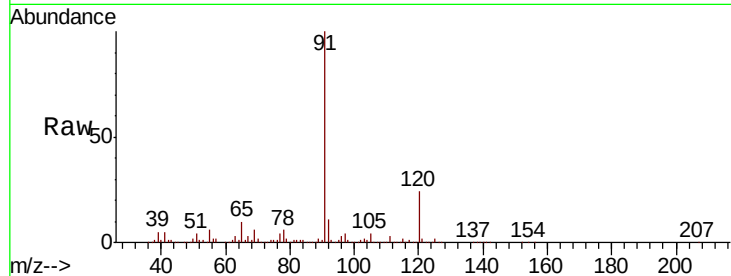
ClientSampleId :

Tot Ion: 75 Resp: 45208

Ion Ratio Lower Upper

75 100

77 1038.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN052954.D (-3346) (-)

300000

200000

100000

0

12.59

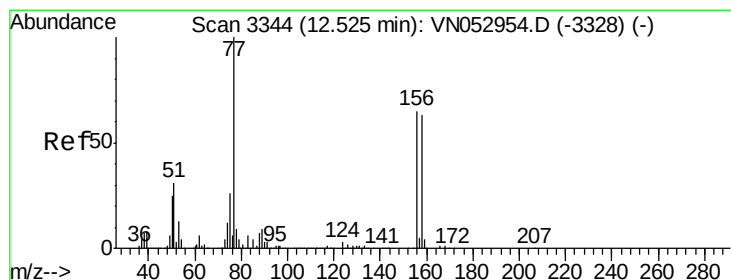
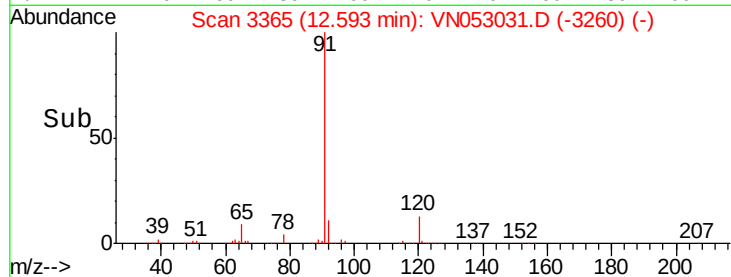
12.50

12.55

12.60

12.65

Time-->



#77

Bromobenzene

Concen: 0.232 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.03 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

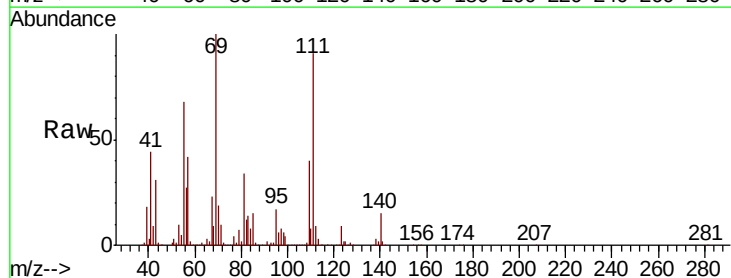
Tgt Ion: 156 Resp: 4029

Ion Ratio Lower Upper

156 100

77 0.0 91.3 273.8#

158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): VN052954.D (-3328) (-)

Ion 77.00 (76.70 to 77.70): VN052954.D (-3328) (-)

Ion 157.80 (157.50 to 158.50): VN052954.D (-3328) (-)

100000

50000

0

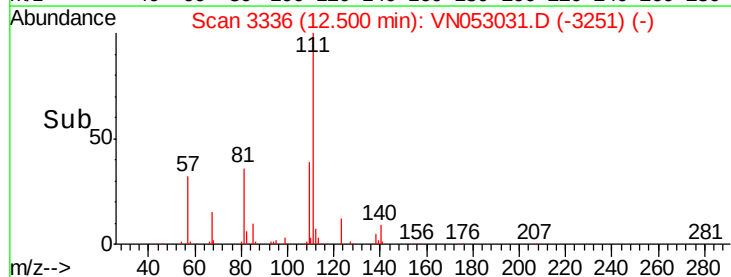
12.50

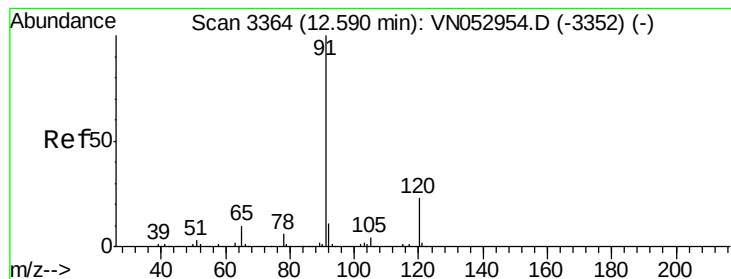
12.45

12.50

12.55

Time-->





#78

n-propylbenzene

Concen: 110.799 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

Instrument :

MSVOA_N

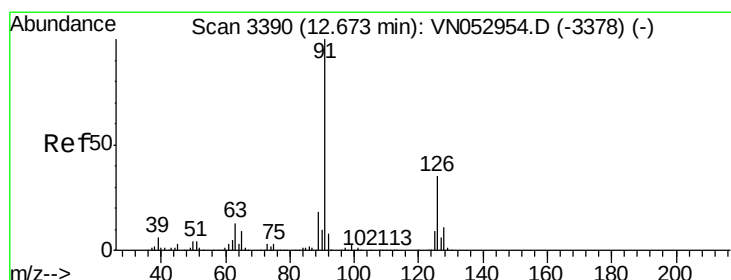
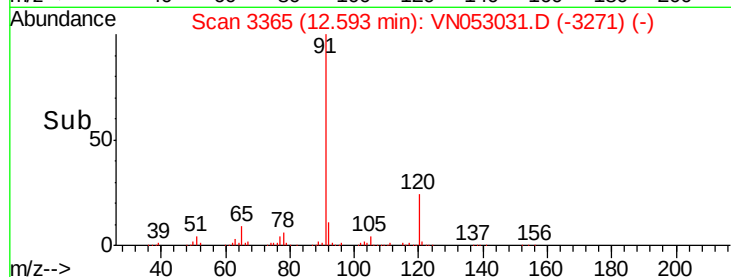
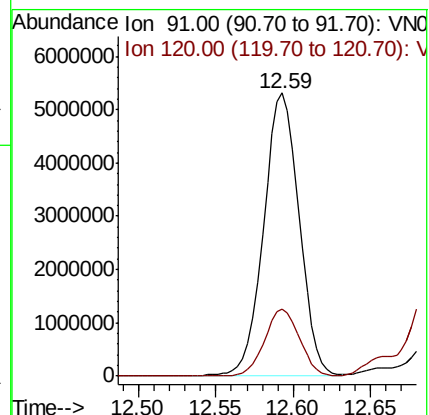
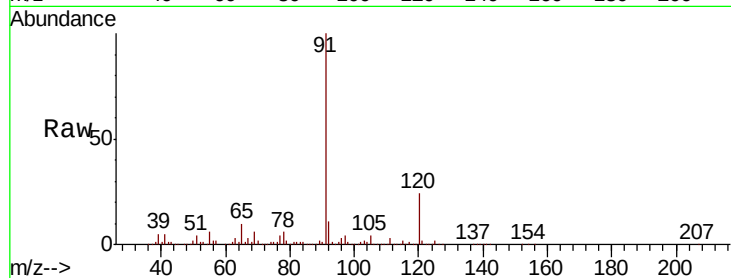
ClientSampleId :

Tot Ion: 91 Resp: 8413147

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.5



#79

2-Chlorotoluene

Concen: 27.101 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. 0.02 min

Lab File: VN053031.D

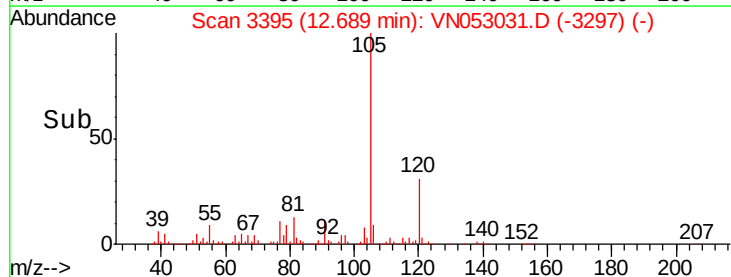
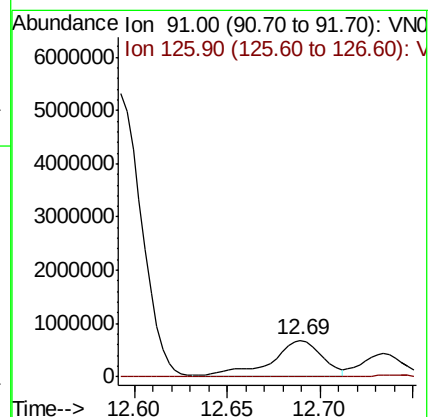
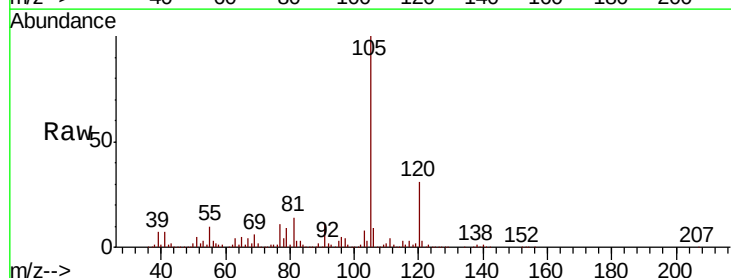
Acq: 20 Dec 2018 1:03

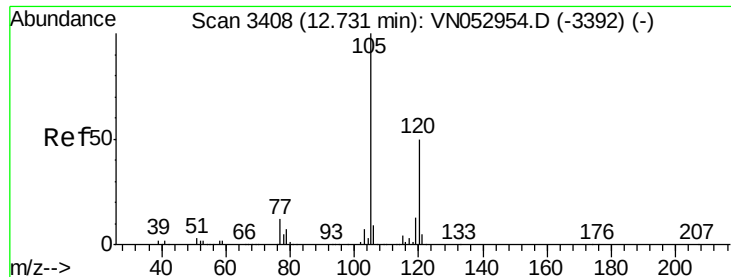
Tgt Ion: 91 Resp: 1275538

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#





#80

1,3,5-Trimethylbenzene

Concen: 110.501 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

Instrument :

MSVOA_N

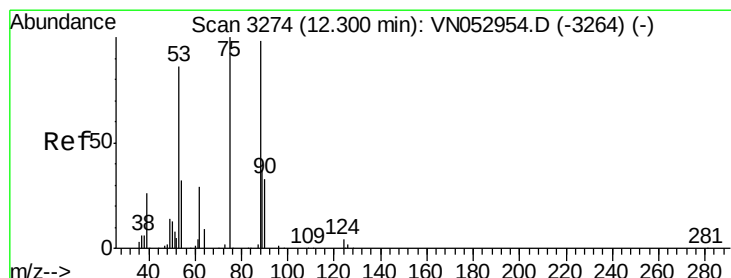
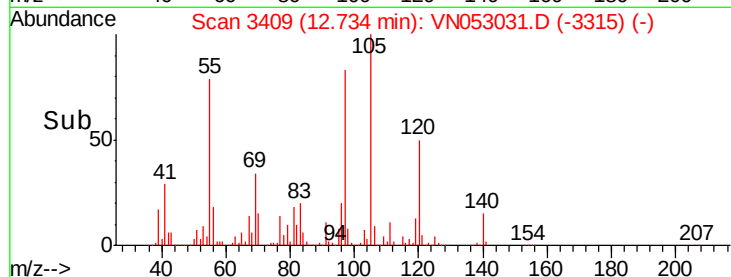
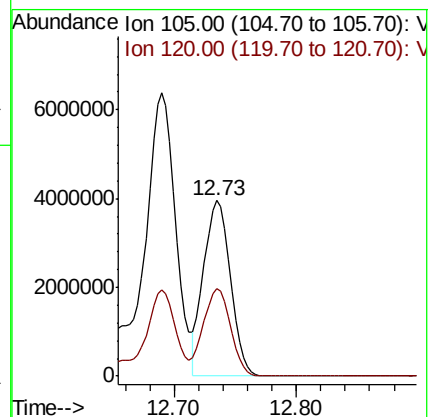
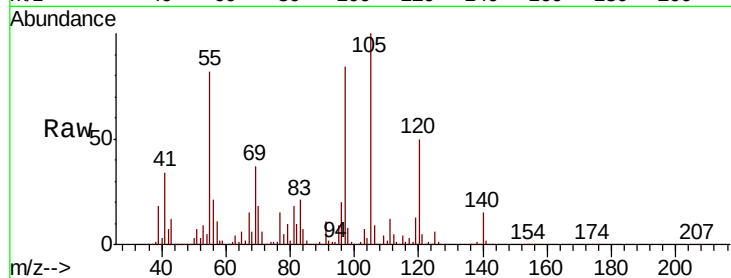
ClientSampled :

Tot Ion:105 Resp: 6004849

Ion Ratio Lower Upper

105 100

120 51.1 24.4 73.2



#81

trans-1,4-Dichloro-2-butene

Concen: 8.047 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

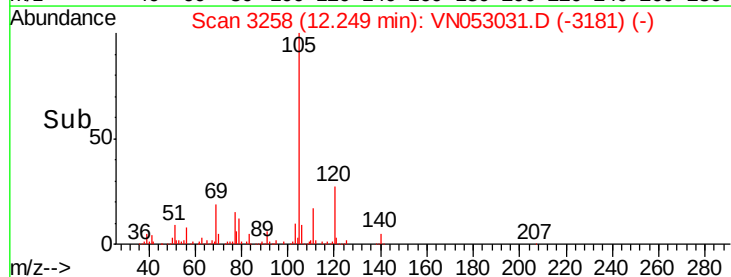
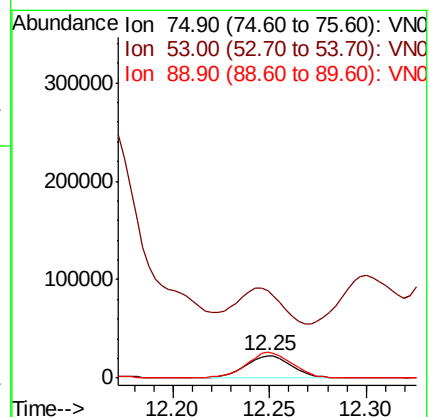
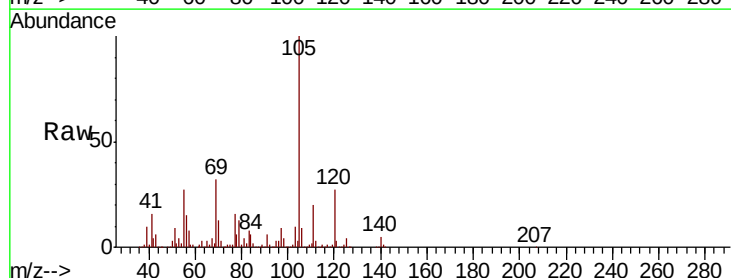
Tgt Ion: 75 Resp: 35811

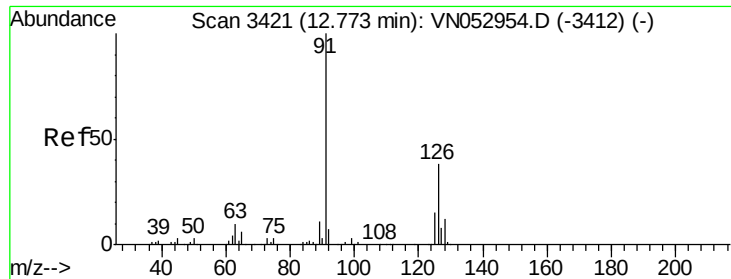
Ion Ratio Lower Upper

75 100

53 144.4 74.7 112.1#

89 116.6 36.1 54.1#





#82

4-Chlorotoluene

Concen: 14.054 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

Instrument :

MSVOA_N

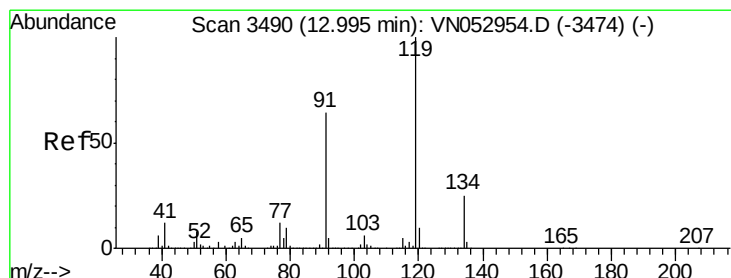
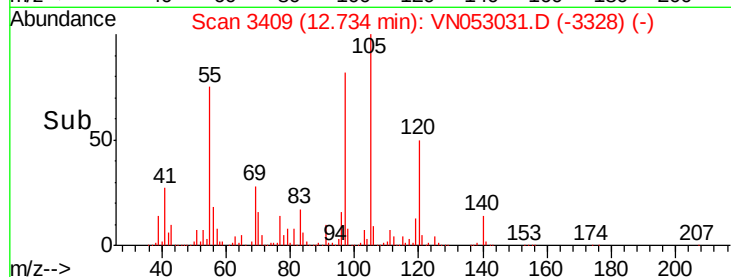
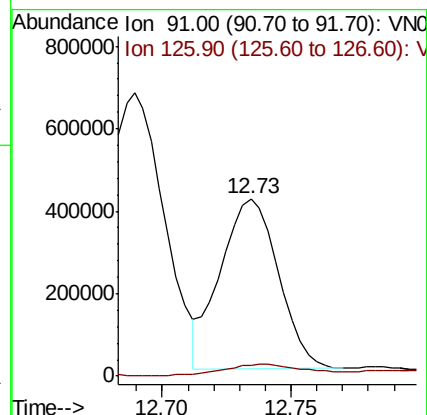
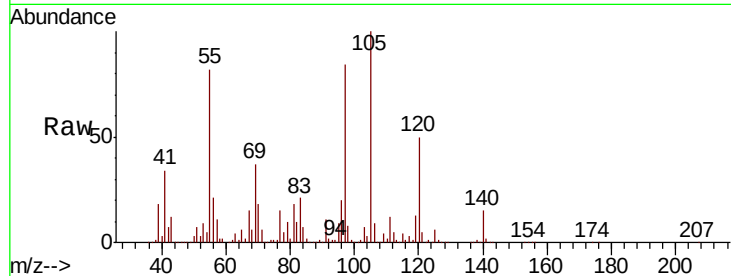
ClientSampled :

Tot Ion: 91 Resp: 647534

Ion Ratio Lower Upper

91 100

126 9.0 17.3 51.7#



#83

tert-Butylbenzene

Concen: 15.387 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

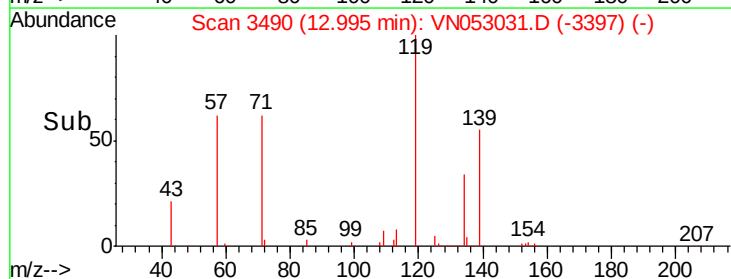
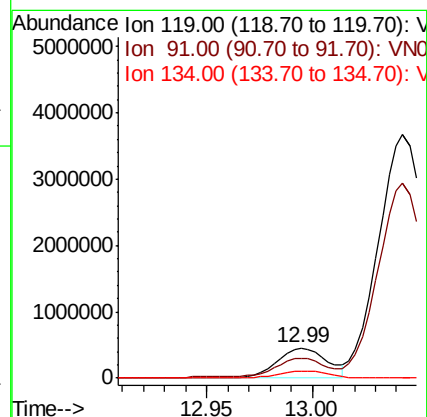
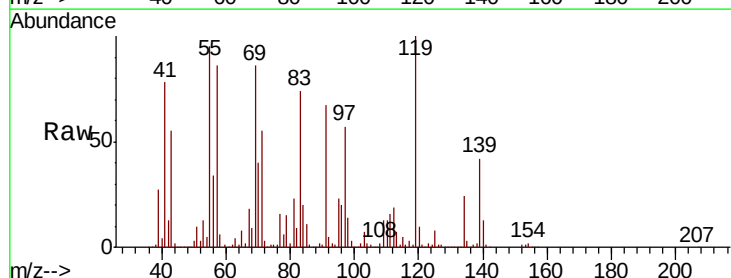
Tgt Ion: 119 Resp: 739529

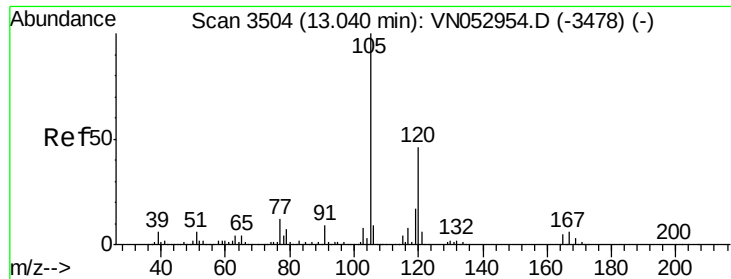
Ion Ratio Lower Upper

119 100

91 64.8 31.9 95.5

134 24.1 12.8 38.4

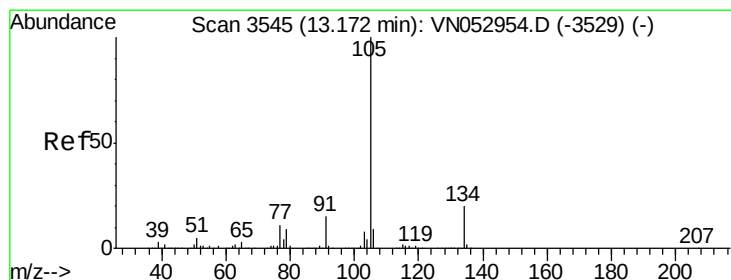
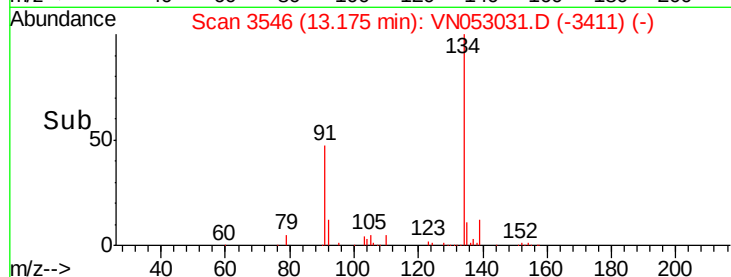
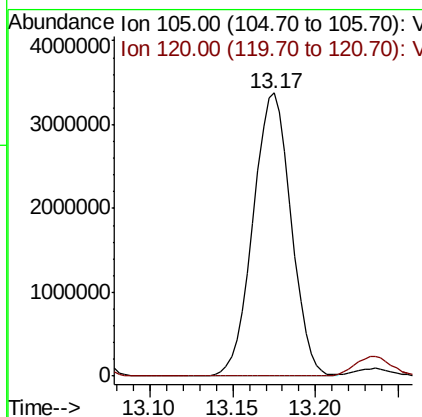
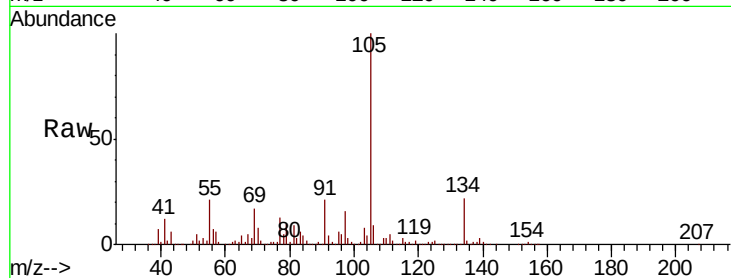




#84
 1,2,4-Trimethylbenzene
 Concen: 98.739 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.13 min
 Lab File: VN053031.D
 Acq: 20 Dec 2018 1:03

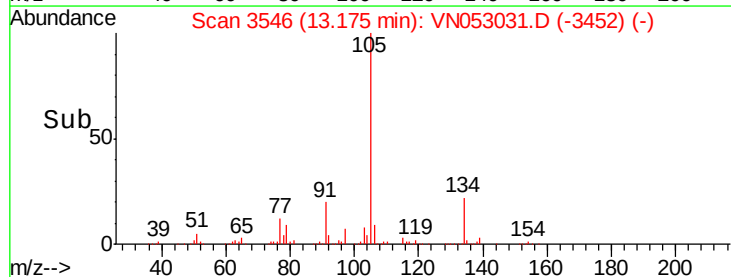
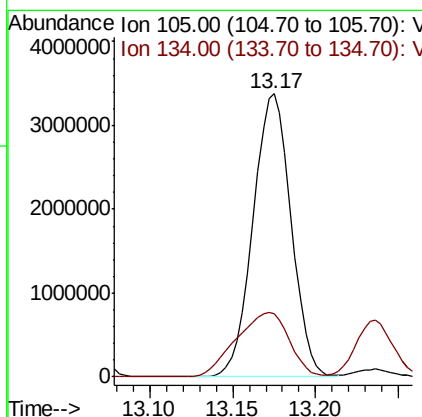
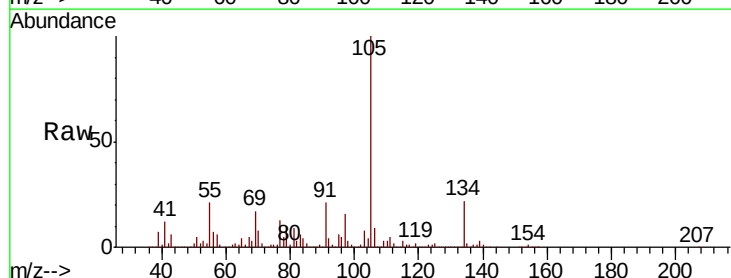
Instrument :
 MSVOA_N
 ClientSampled :

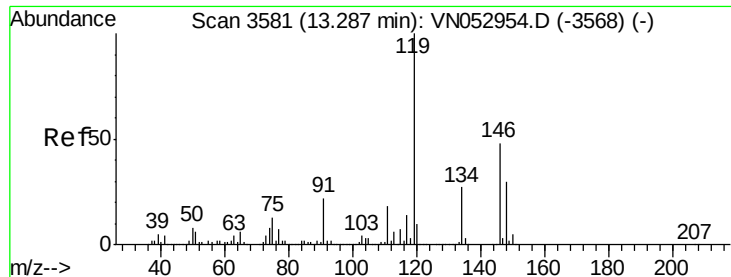
Tot Ion:105 Resp: 5394022
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.9 68.8#



#85
 sec-Butylbenzene
 Concen: 82.976 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN053031.D
 Acq: 20 Dec 2018 1:03

Tgt Ion:105 Resp: 5394022
 Ion Ratio Lower Upper
 105 100
 134 32.0 10.1 30.3#

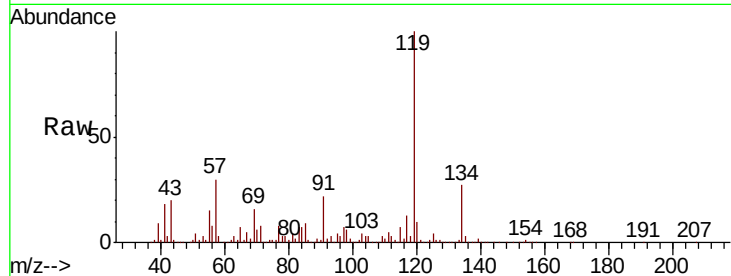




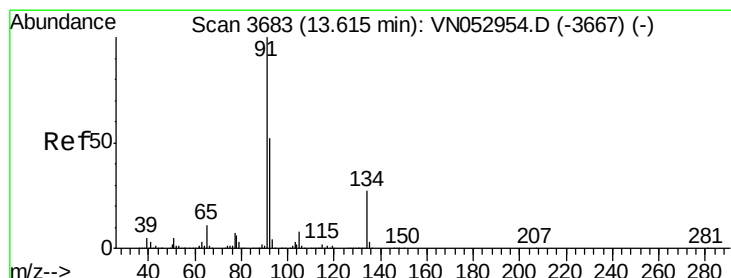
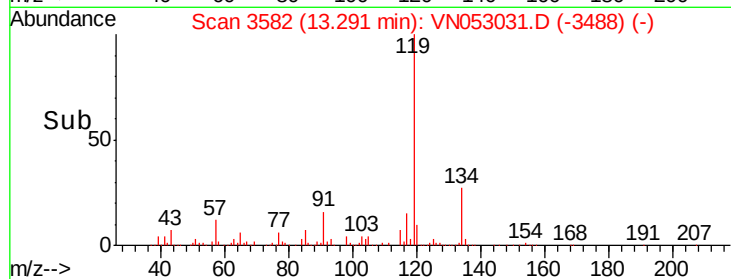
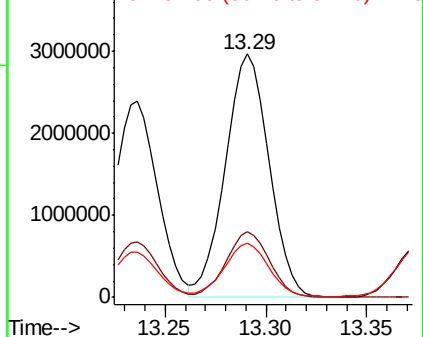
#86
p-Isopropyltoluene
Concen: 80.167 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053031.D
Acq: 20 Dec 2018 1:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 4503117
Ion Ratio Lower Upper
119 100
134 26.8 13.4 40.2
91 21.9 11.1 33.3

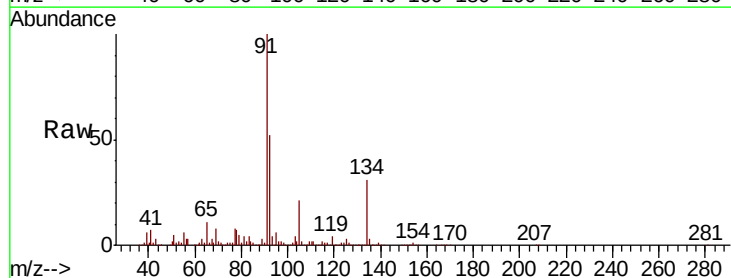


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

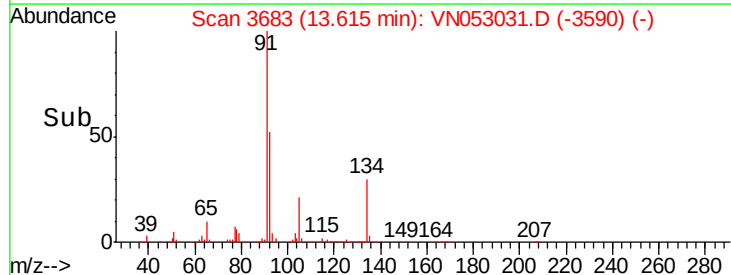
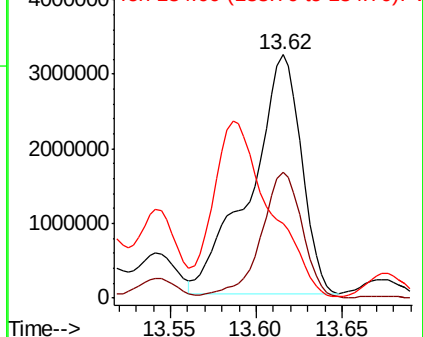


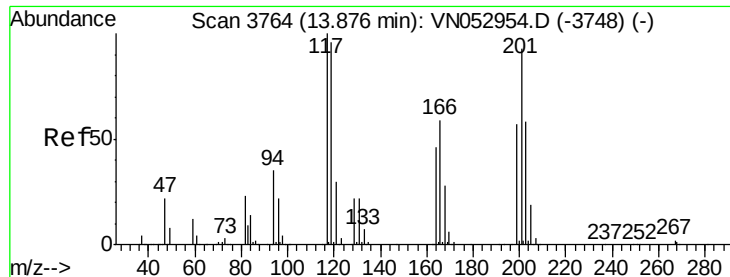
#89
n-Butylbenzene
Concen: 135.539 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053031.D
Acq: 20 Dec 2018 1:03

Tgt Ion: 91 Resp: 6549903
Ion Ratio Lower Upper
91 100
92 42.5 26.3 78.9
134 0.0 13.3 39.8#



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 73.790 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

Instrument :

MSVOA_N

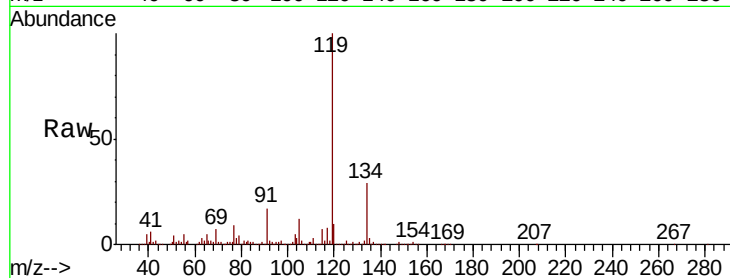
ClientSampleId :

Tot Ion:117 Resp: 636062

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

800000

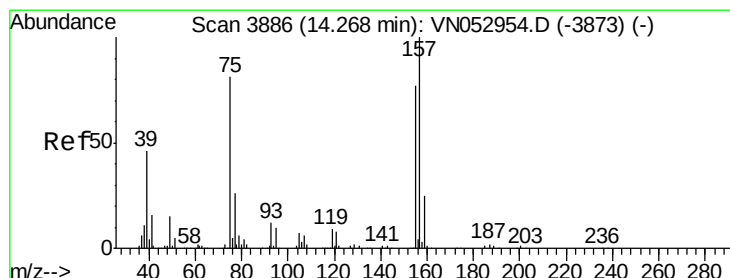
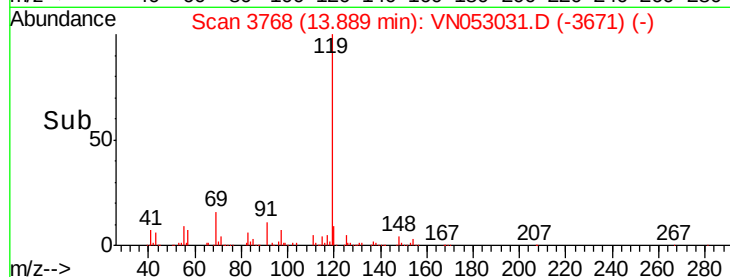
600000

400000

200000

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 11.213 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

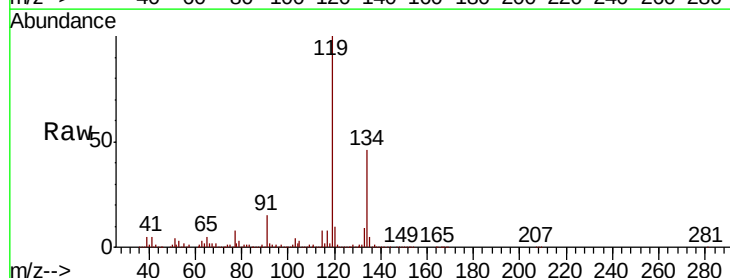
Tgt Ion: 75 Resp: 25358

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): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

30000

25000

20000

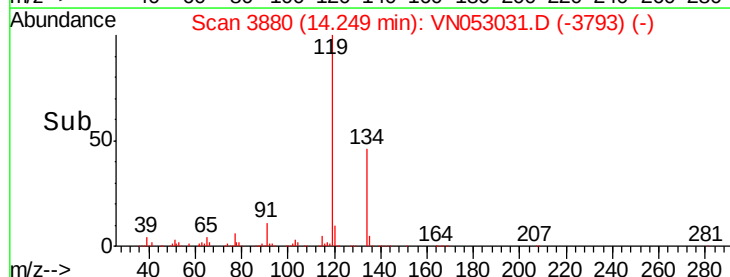
15000

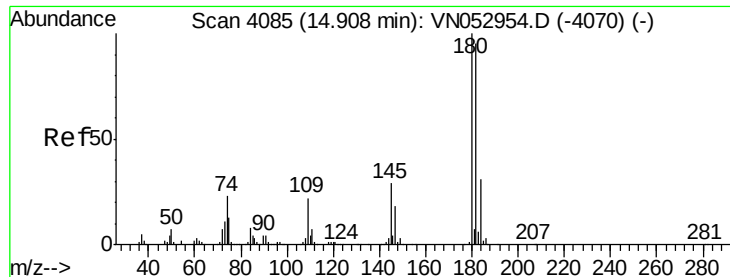
10000

5000

0

Time-->





#93

1,2,4-Trichlorobenzene

Concen: 0.718 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN053031.D

Acq: 20 Dec 2018 1:03

Instrument :

MSVOA_N

ClientSampled :

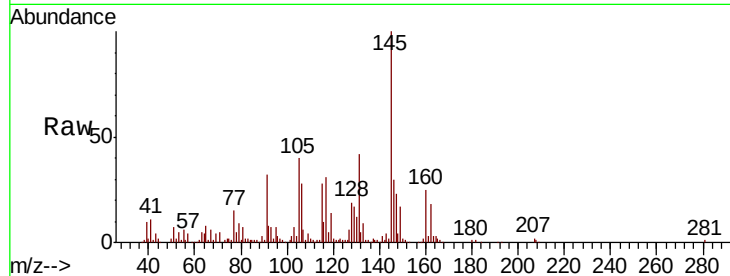
Tot Ion:180 Resp: 1888

Ion Ratio Lower Upper

180 100

182 67.7 47.8 143.3

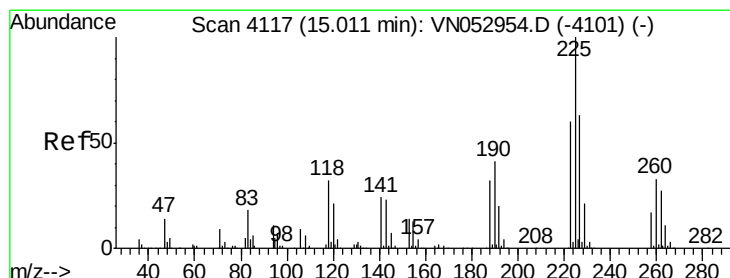
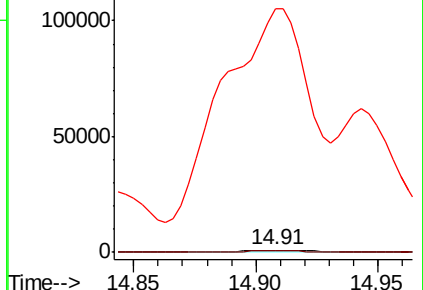
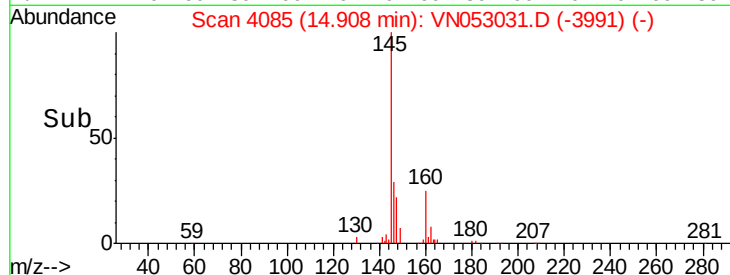
145 14589.8 14.2 42.6#



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: VN053031.D

Acq: 20 Dec 2018 1:03

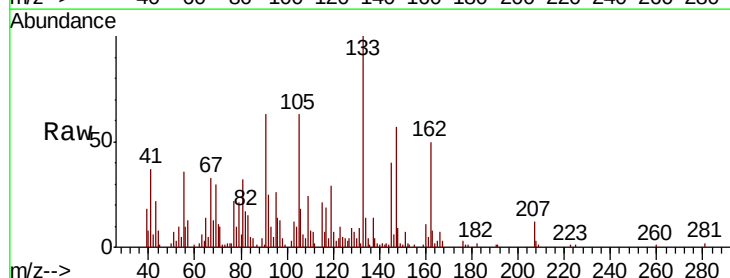
Tgt Ion:225 Resp: 111

Ion Ratio Lower Upper

225 100

223 107.2 31.5 94.5#

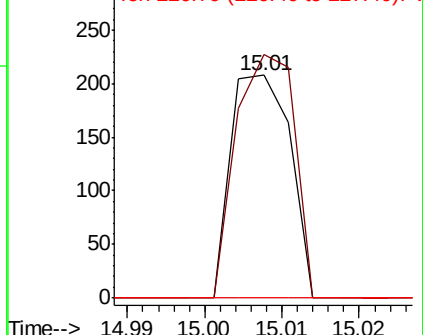
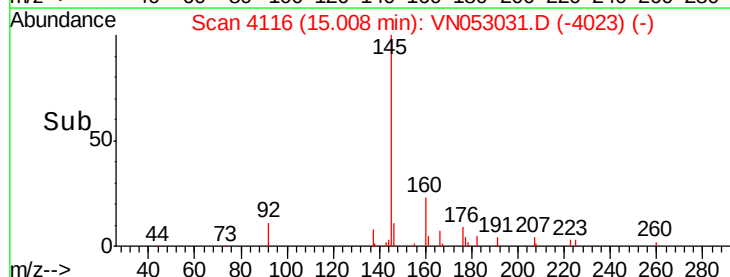
227 0.0 31.9 95.7#

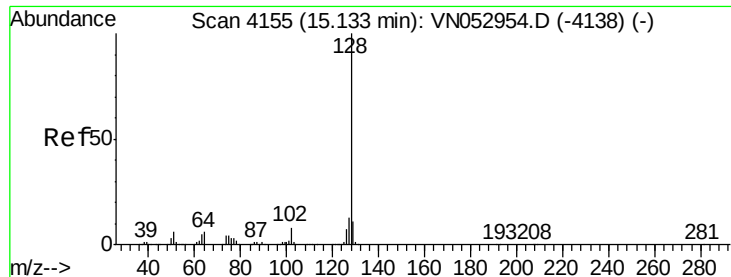


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

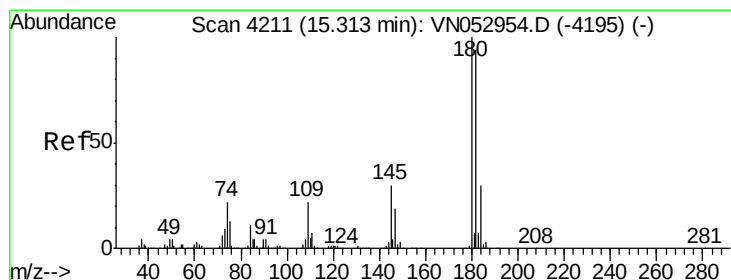
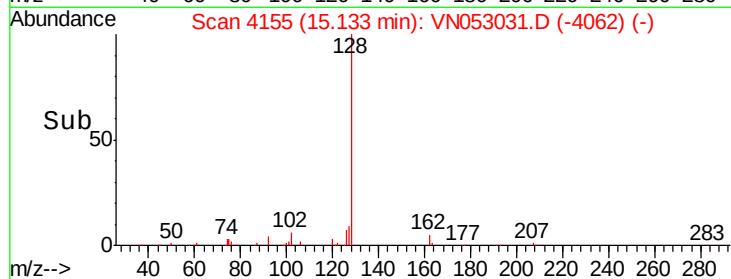
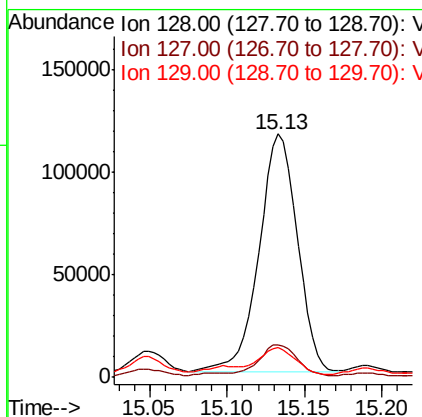
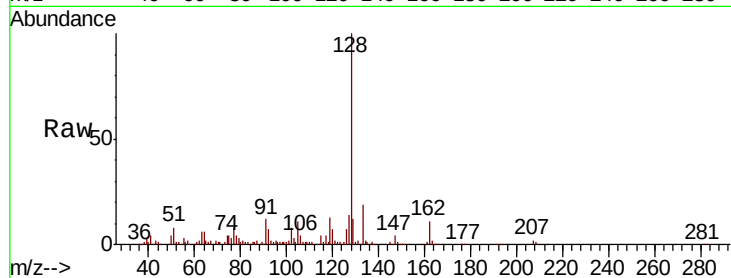




#95
Naphthalene
Concen: 6.936 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053031.D
Acq: 20 Dec 2018 1:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.6	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.607 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053031.D
Acq: 20 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	64.1	47.9	143.7
145	1724.4	15.0	45.0#

