

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053085.D
 Acq On : 21 Dec 2018 4:49
 Operator : MD\SY
 Sample : J6517-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 07:12:03 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	1252690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1911204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1698712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	786105	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	598531	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	7.59	113	538325	61.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.32%	
50) Toluene-d8	10.09	98	2324208	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.40	95	794118	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	

Target Compounds

						Qvalue
16) Acetone	3.82	43	27732	11.126	ug/l	100
18) Methyl Acetate	4.34	43	3237	1.272	ug/l #	84
19) Methyl tert-butyl Ether	5.05	73	46709	1.462	ug/l	92
25) 2-Butanone	6.84	43	6205	1.483	ug/l	96
31) Cyclohexane	7.66	56	36072	0.601	ug/l #	28
36) 1,1-Dichloropropene	7.67	75	79798	4.350	ug/l #	48
37) Ethyl Acetate	6.84	43	6205	0.606	ug/l #	68
38) Carbon Tetrachloride	7.67	117	108411	6.448	ug/l #	16
39) Methylcyclohexane	9.08	83	42361	1.901	ug/l	98
40) Benzene	8.05	78	17283	0.317	ug/l	91
43) Isopropyl Acetate	8.34	43	223080	10.430	ug/l #	53
48) Methyl methacrylate	9.17	41	4785	0.482	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	4846	0.489	ug/l	100
52) Toluene	10.16	92	71631	2.118	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	6855	0.581	ug/l #	17
59) 2-Hexanone	10.61	43	12215	1.820	ug/l	75
67) Ethyl Benzene	11.51	91	83097	1.283	ug/l	96
68) m/p-Xylenes	11.62	106	102874	4.179	ug/l	100
69) o-Xylene	11.95	106	61192	2.590	ug/l	99
71) Bromoform	12.40	173	4459	0.471	ug/l #	1
73) Isopropylbenzene	12.25	105	259674	4.222	ug/l	100
74) N-amyl acetate	12.04	43	4892	0.286	ug/l #	43
76) 1,2,3-Trichloropropane	12.40	75	371506	28.074	ug/l #	100
77) Bromobenzene	12.55	156	28352	1.773	ug/l #	1
78) n-propylbenzene	12.59	91	523860	7.478	ug/l	99
79) 2-Chlorotoluene	12.59	91	523860	12.065	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	96643	1.928	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	371506	90.485	ug/l #	12
82) 4-Chlorotoluene	12.59	91	523860	12.325	ug/l #	40
83) tert-Butylbenzene	12.99	119	24896	0.562	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	448622	8.902	ug/l	100
85) sec-Butylbenzene	13.17	105	263141	4.388	ug/l	83
86) p-Isopropyltoluene	13.29	119	46826	0.904	ug/l	100
89) n-Butylbenzene	13.62	91	156307	3.506	ug/l #	76

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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

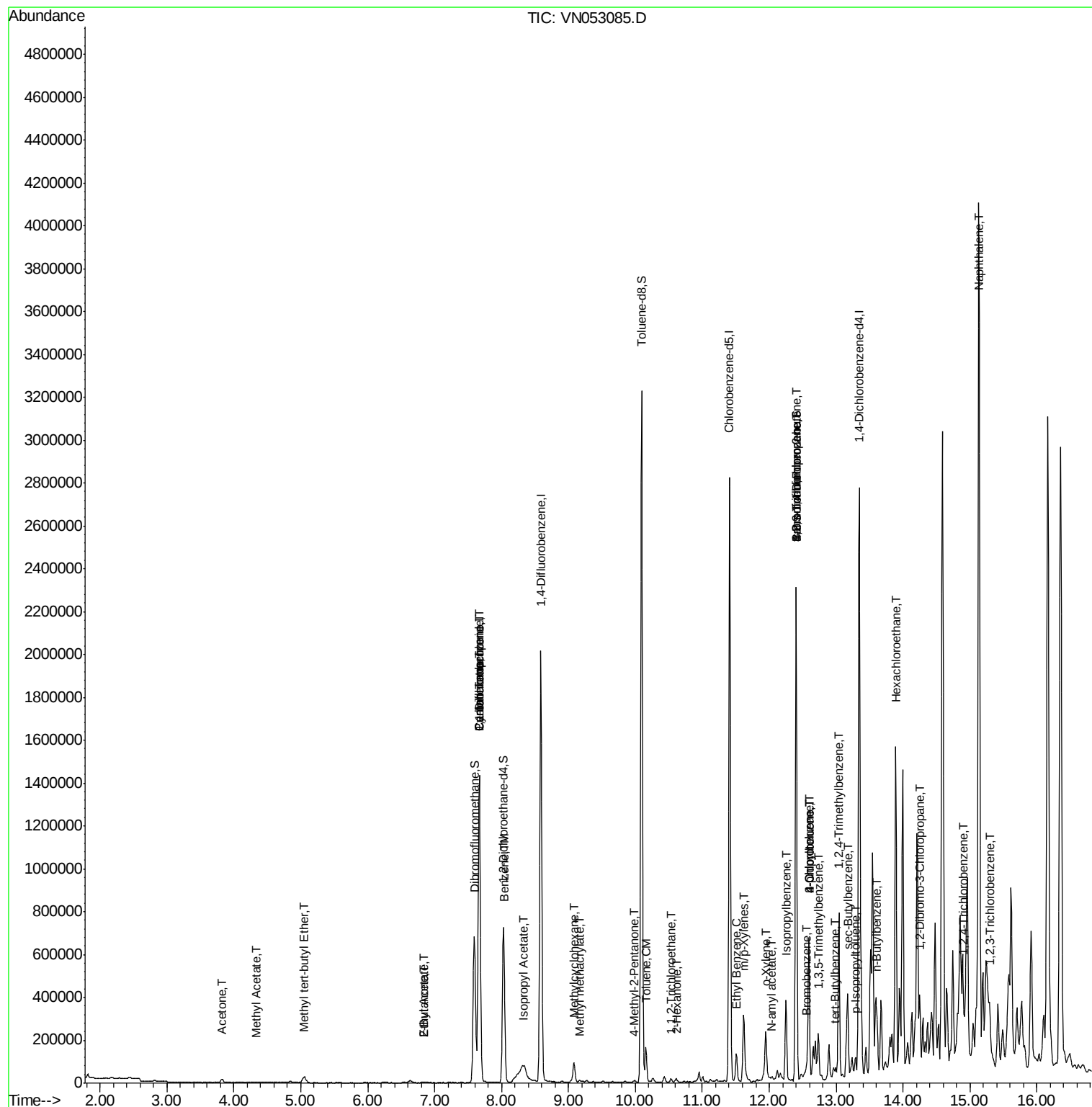
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	75154	9.451	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	881	0.422	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	423	0.626	ug/l #	1
95) Naphthalene	15.13	128	3522588	112.504	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	146	0.519	ug/l #	1

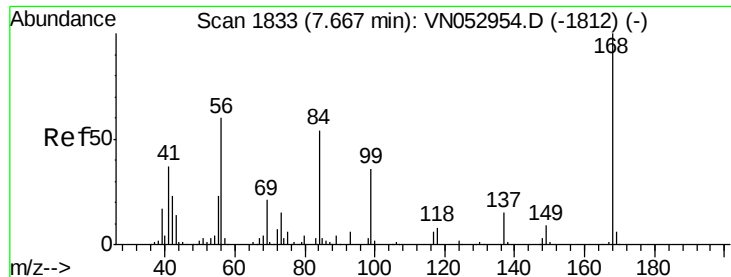
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053085.D

Acq: 21 Dec 2018 4:49

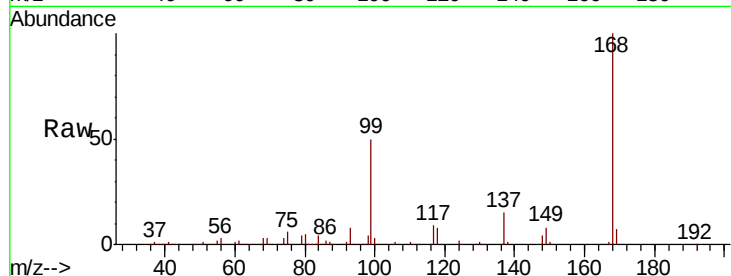
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1252690

Ion Ratio Lower Upper

168 100

99 49.5 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

500000

400000

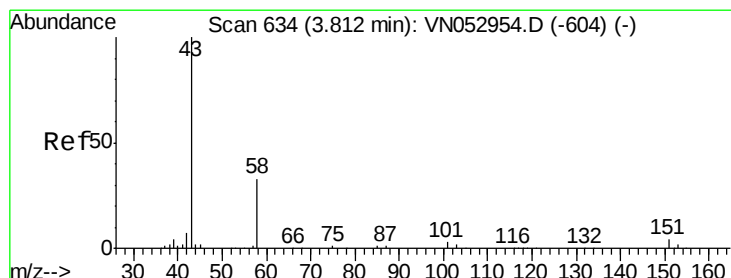
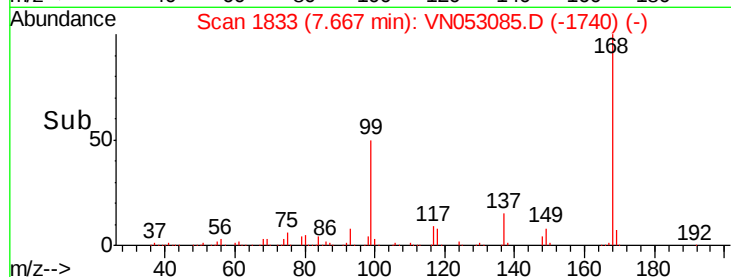
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 11.126 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053085.D

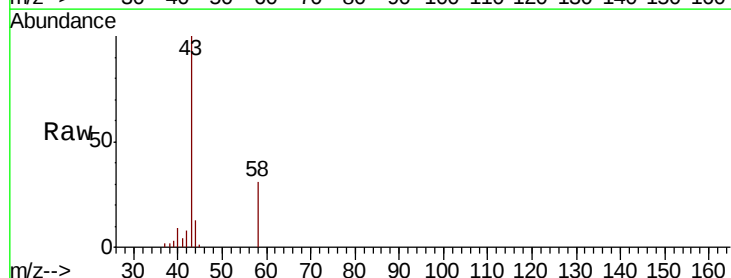
Acq: 21 Dec 2018 4:49

Tgt Ion: 43 Resp: 27732

Ion Ratio Lower Upper

43 100

58 31.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

12000

10000

8000

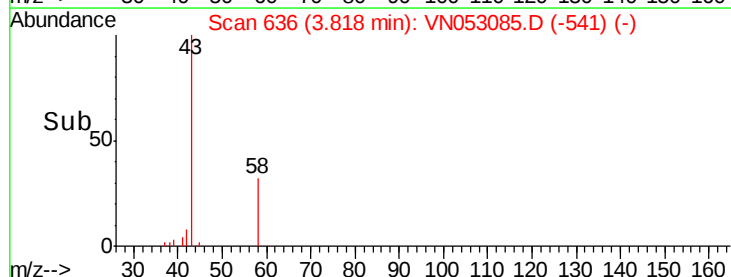
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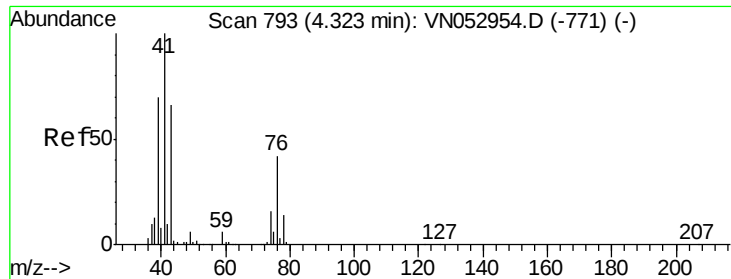
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2000

0

Time-->

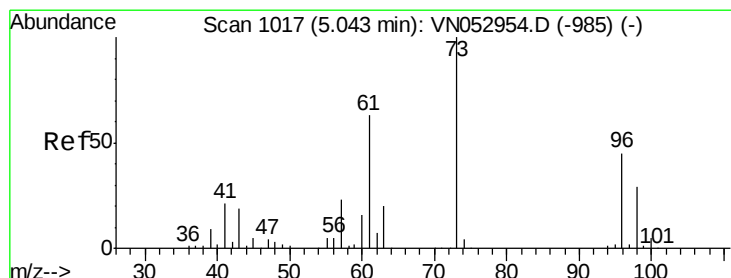
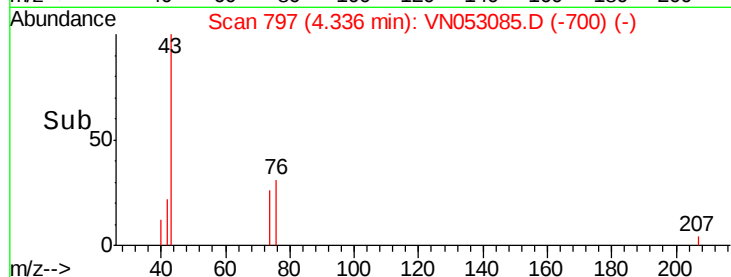
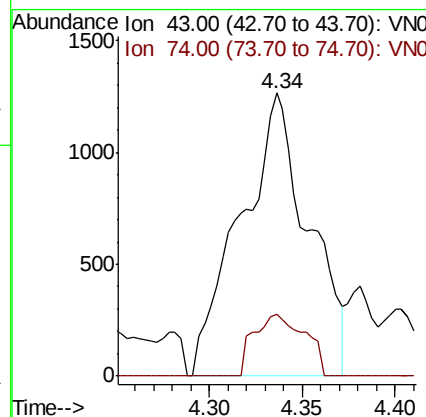
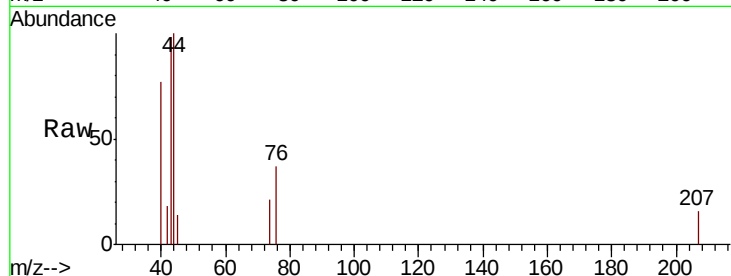




#18
Methyl Acetate
Concen: 1.272 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053085.D
Acq: 21 Dec 2018 4:49

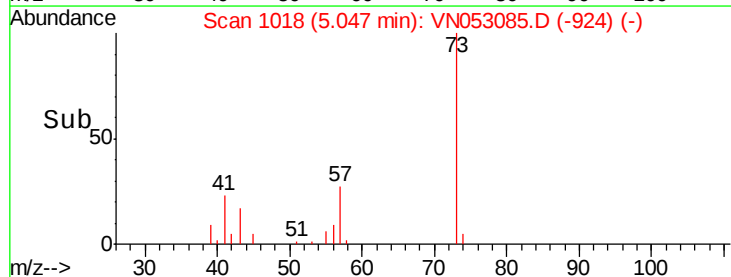
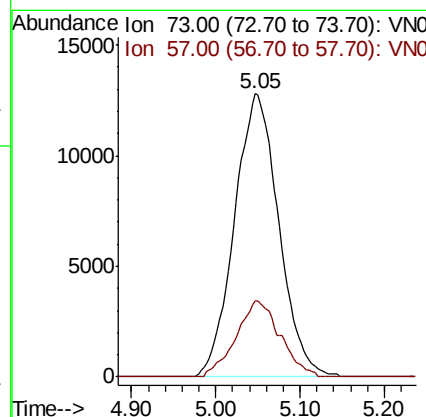
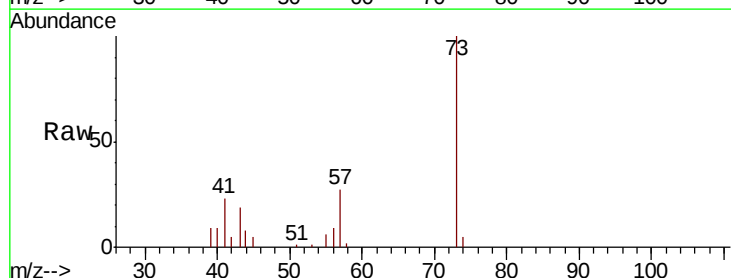
Instrument :
MSVOA_N
ClientSampleId :

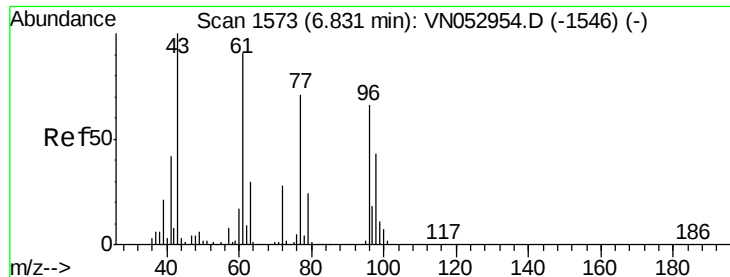
Tot Ion: 43 Resp: 3237
Ion Ratio Lower Upper
43 100
74 16.3 19.2 28.8#



#19
Methyl tert-butyl Ether
Concen: 1.462 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053085.D
Acq: 21 Dec 2018 4:49

Tgt Ion: 73 Resp: 46709
Ion Ratio Lower Upper
73 100
57 26.7 18.4 27.6

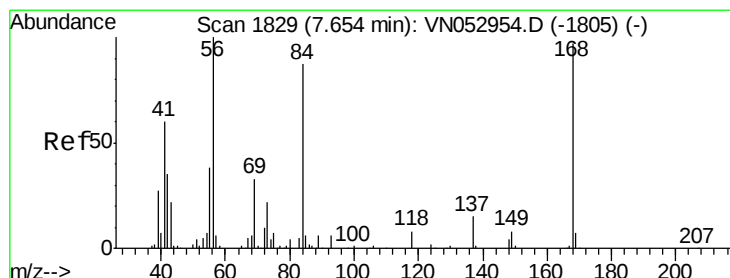
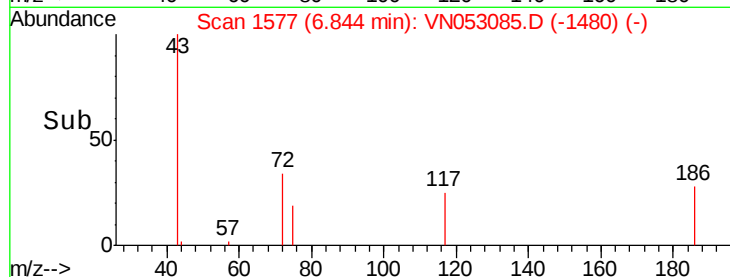
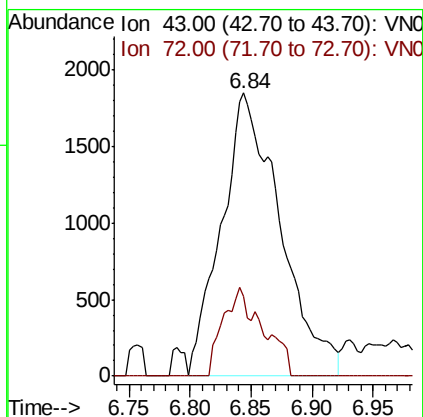
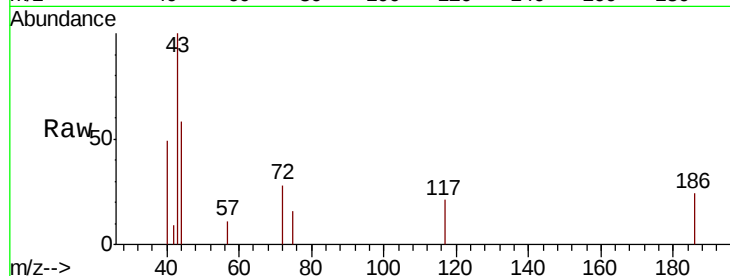




#25
2-Butanone
Concen: 1.483 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053085.D
Acq: 21 Dec 2018 4:49

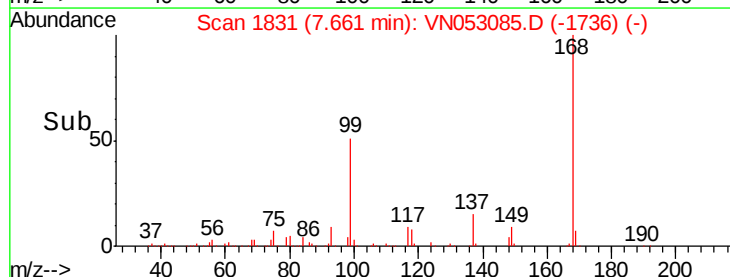
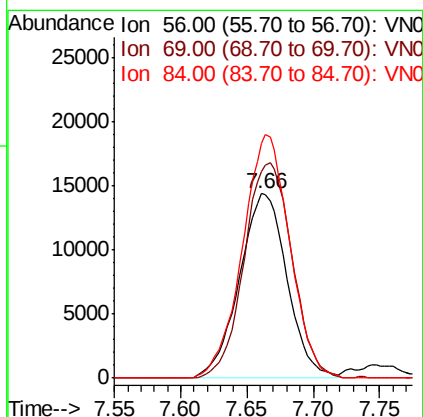
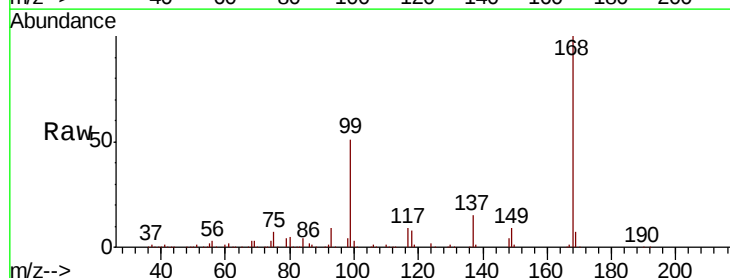
Instrument :
MSVOA_N
ClientSampled :

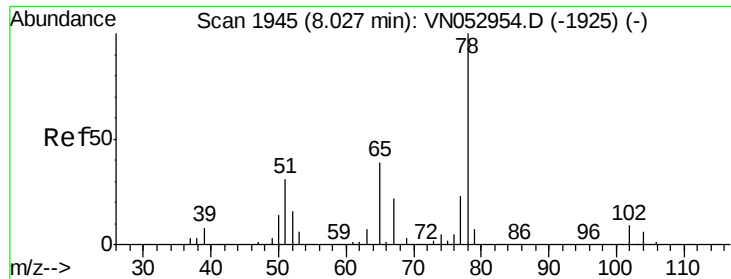
Tot Ion: 43 Resp: 6205
Ion Ratio Lower Upper
43 100
72 28.4 21.0 31.6



#31
Cyclohexane
Concen: 0.601 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN053085.D
Acq: 21 Dec 2018 4:49

Tgt Ion: 56 Resp: 36072
Ion Ratio Lower Upper
56 100
69 112.2 26.6 39.8#
84 127.3 68.4 102.6#

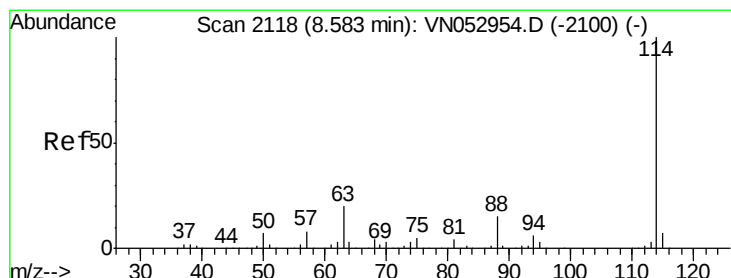
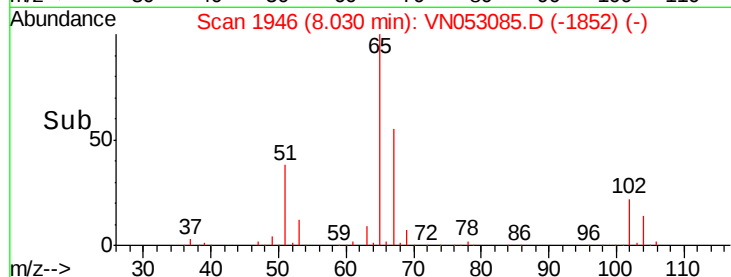
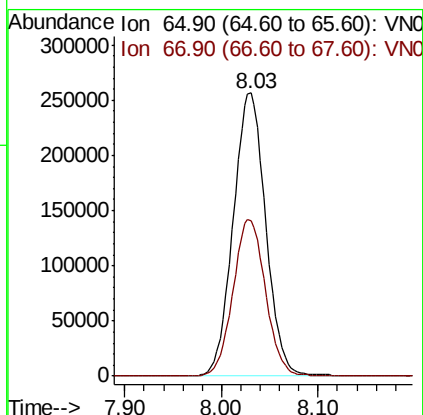
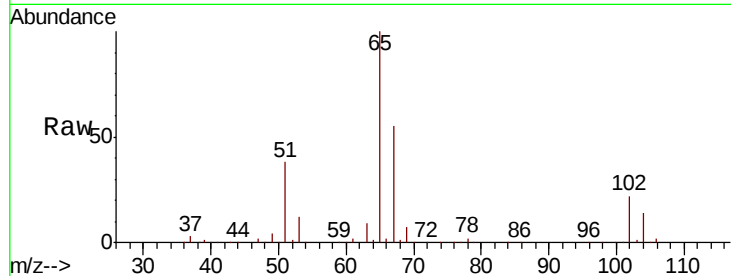




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN053085.D
 Acq: 21 Dec 2018 4:49

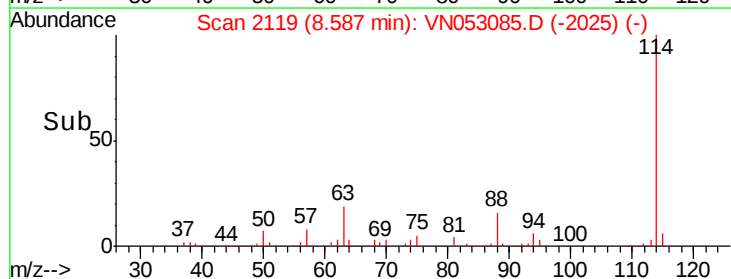
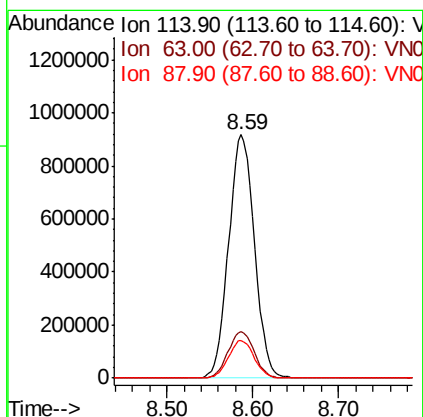
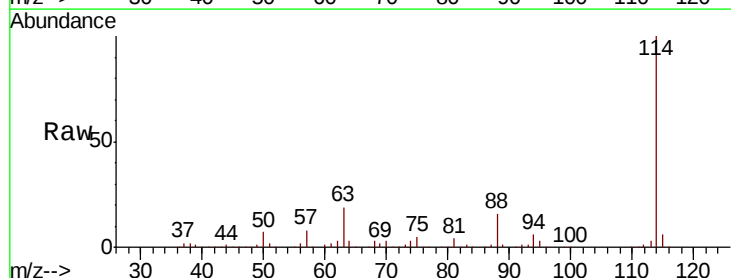
Instrument :
 MSVOA_N
 ClientSampleId :

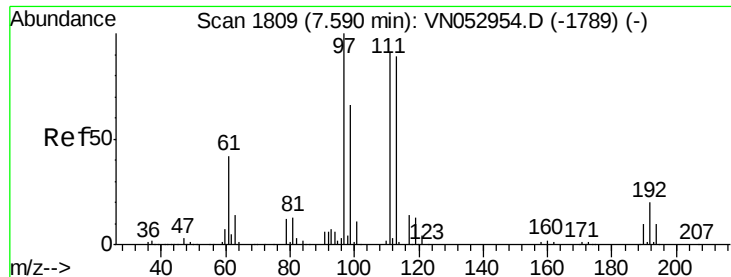
Tot Ion: 65 Resp: 598531
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053085.D
 Acq: 21 Dec 2018 4:49

Tgt Ion: 114 Resp: 1911204
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.7 0.0 31.0

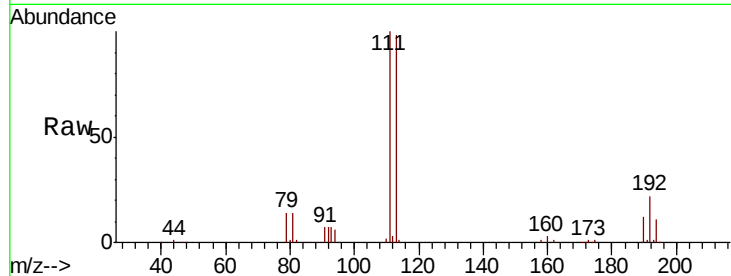




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053085.D
 Acq: 21 Dec 2018 4:49

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.4
192	22.7	17.5	26.3

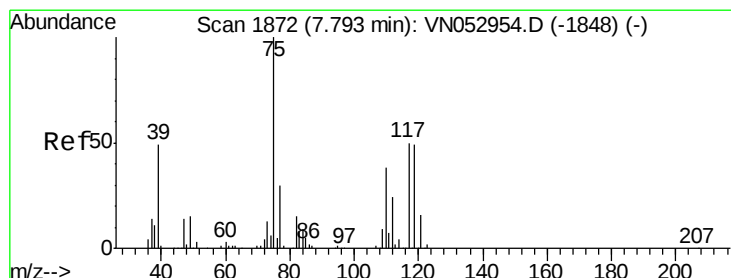
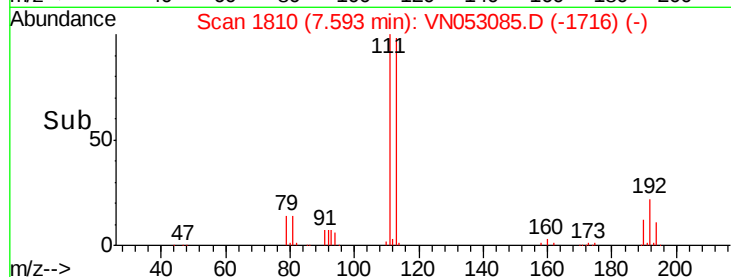
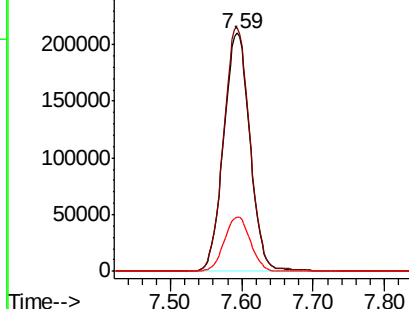


Abundance

Ion 112.80 (112.50 to 113.50): V

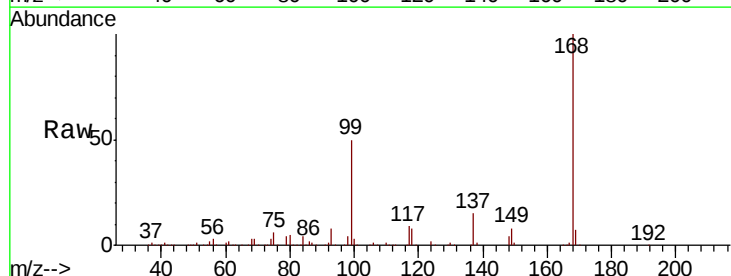
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.350 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053085.D
 Acq: 21 Dec 2018 4:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.2	54.6#
77	0.0	24.9	37.3#

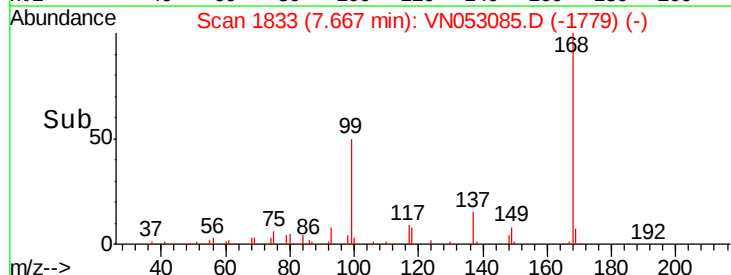
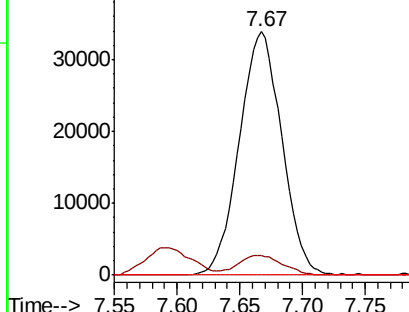


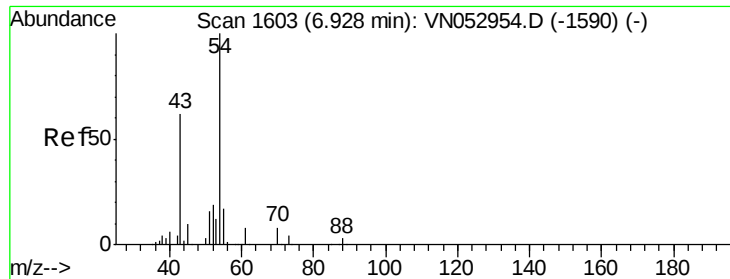
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

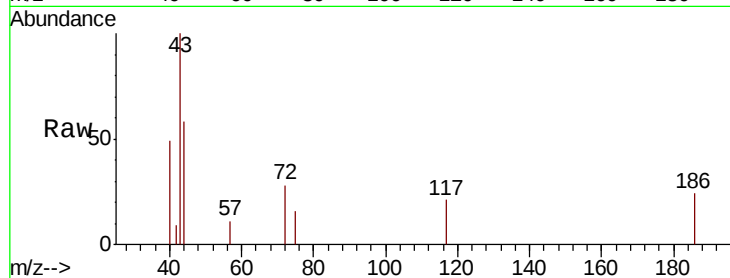




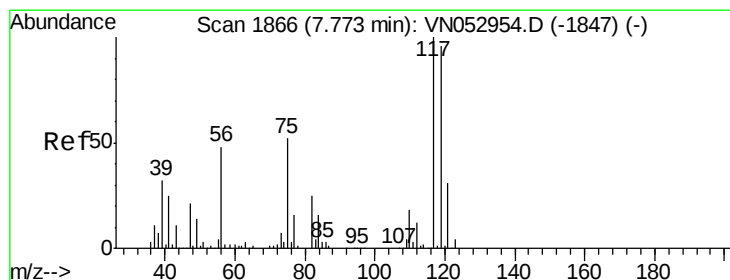
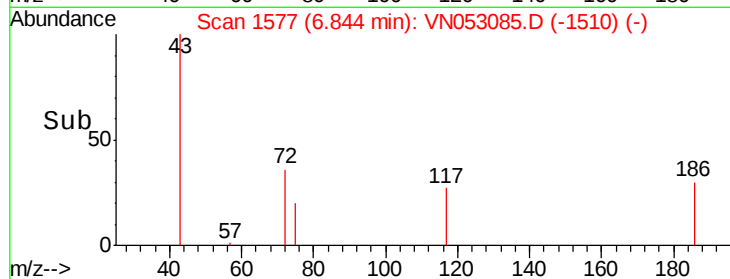
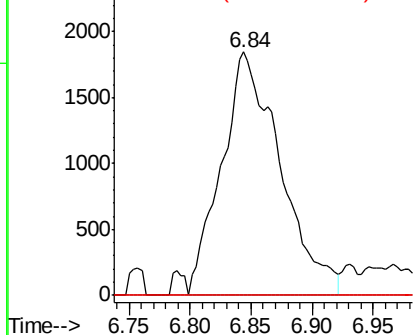
#37
Ethyl Acetate
Concen: 0.606 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.08 min
Lab File: VN053085.D
Acq: 21 Dec 2018 4:49

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 6205
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 8.4 12.6#

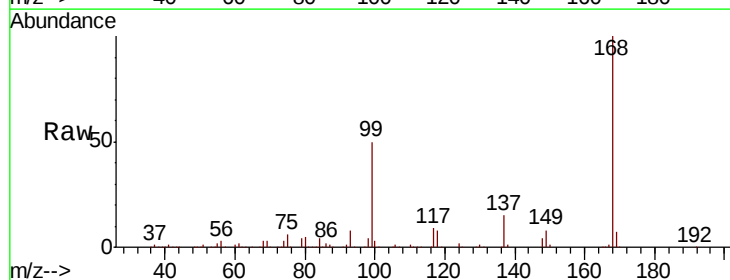


Abundance Ion 43.00 (42.70 to 43.70): VN053085.D
Ion 60.90 (60.60 to 61.60): VN053085.D
Ion 70.00 (69.70 to 70.70): VN053085.D

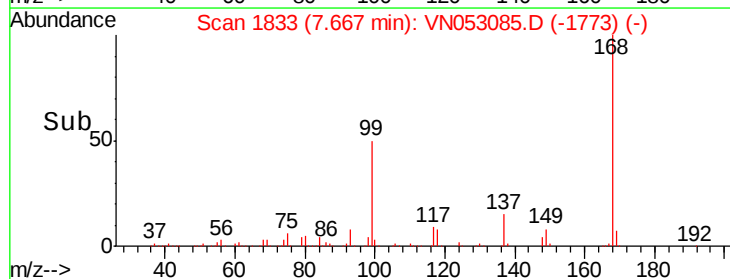
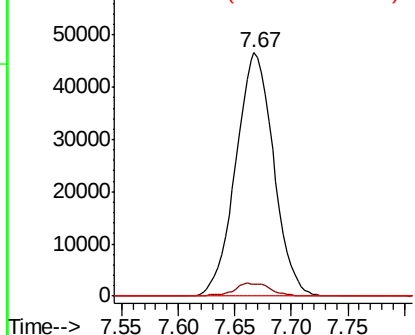


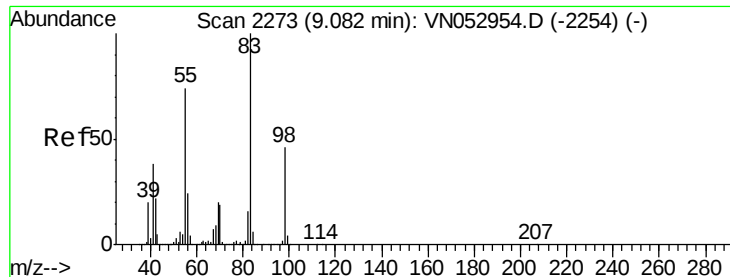
#38
Carbon Tetrachloride
Concen: 6.448 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053085.D
Acq: 21 Dec 2018 4:49

Tgt Ion: 117 Resp: 108411
Ion Ratio Lower Upper
117 100
119 4.9 77.1 115.7#
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): VN053085.D
Ion 118.80 (118.50 to 119.50): VN053085.D
Ion 120.80 (120.50 to 121.50): VN053085.D

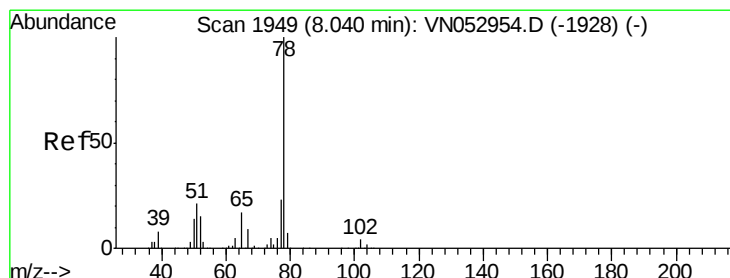
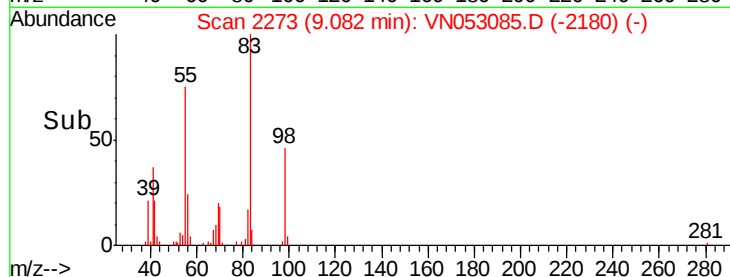
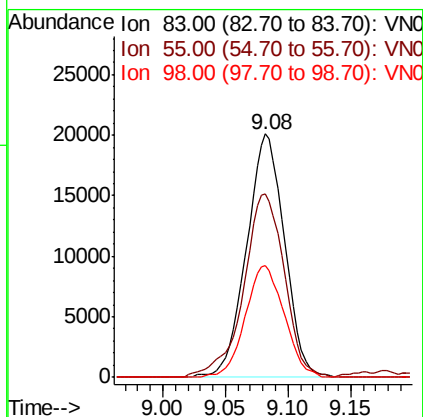
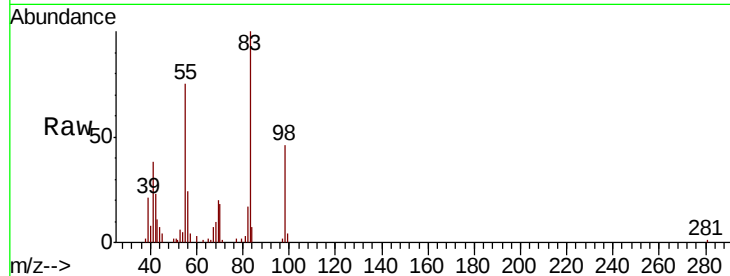




#39
Methvlcvclohexane
Concen: 1.901 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053085.D
Acq: 21 Dec 2018 4:49

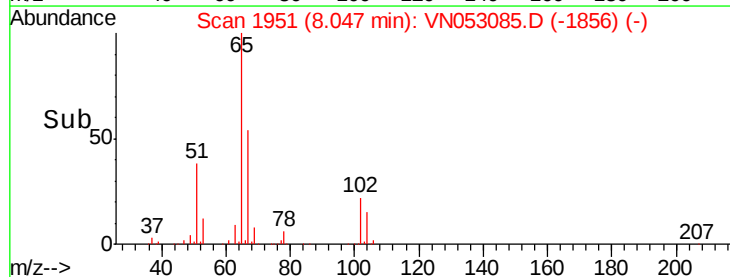
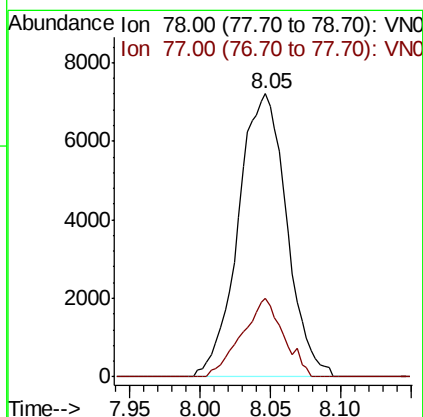
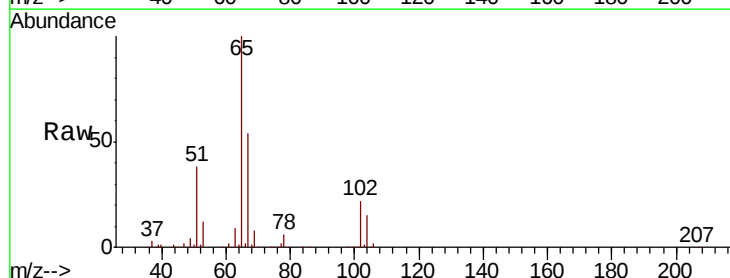
Instrument :
MSVOA_N
ClientSampled :

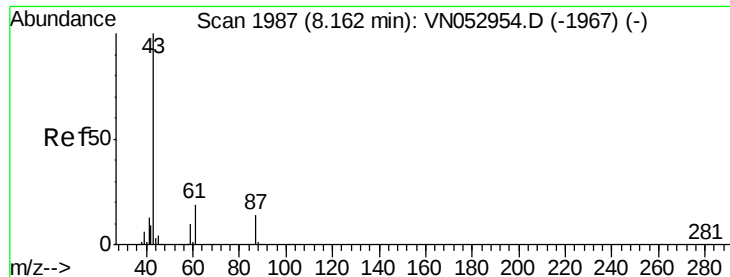
Tot Ion: 83 Resp: 42361
Ion Ratio Lower Upper
83 100
55 74.6 61.3 91.9
98 45.8 37.0 55.4



#40
Benzene
Concen: 0.317 ug/l
RT: 8.05 min Scan# 1951
Delta R.T. 0.01 min
Lab File: VN053085.D
Acq: 21 Dec 2018 4:49

Tgt Ion: 78 Resp: 17283
Ion Ratio Lower Upper
78 100
77 27.7 18.5 27.7





#43

Isopropyl Acetate

Concen: 10.430 ug/l

RT: 8.34 min Scan# 2041

Delta R.T. 0.17 min

Lab File: VN053085.D

Acq: 21 Dec 2018 4:49

Instrument :

MSVOA_N

ClientSampleId :

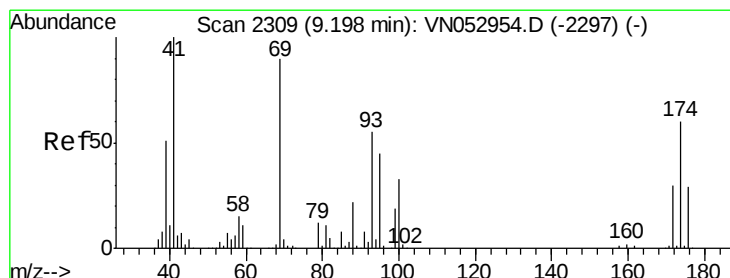
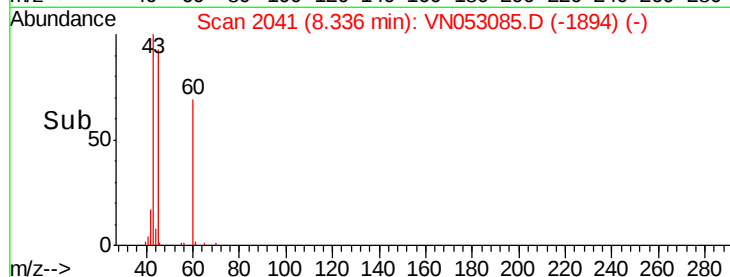
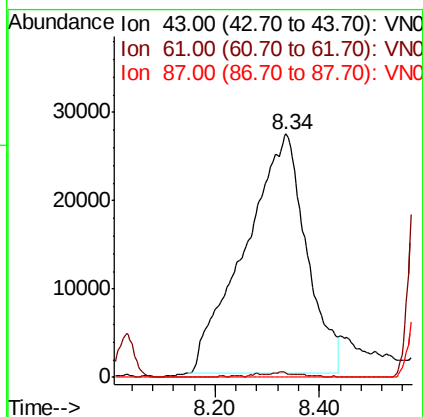
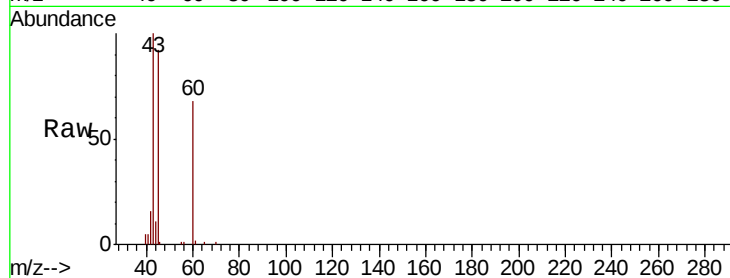
Tot Ion: 43 Resp: 223080

Ion Ratio Lower Upper

43 100

61 0.2 22.9 34.3#

87 0.0 10.6 15.8#



#48

Methyl methacrylate

Concen: 0.482 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.03 min

Lab File: VN053085.D

Acq: 21 Dec 2018 4:49

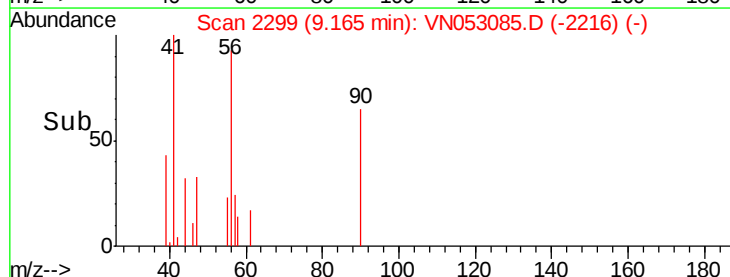
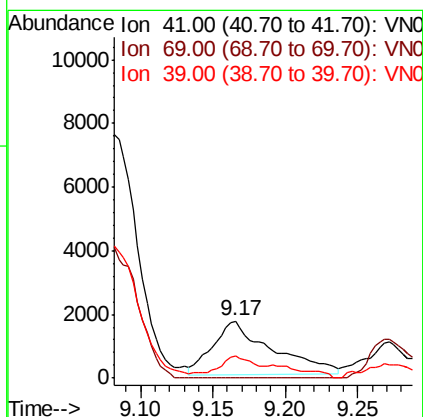
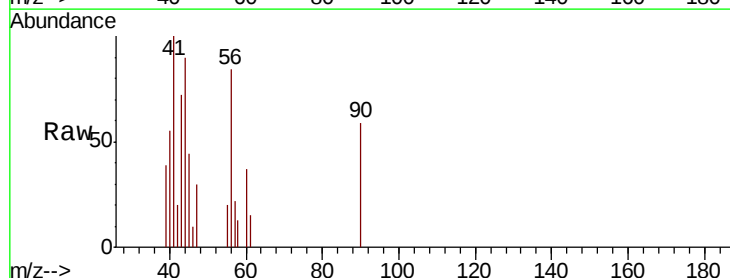
Tgt Ion: 41 Resp: 4785

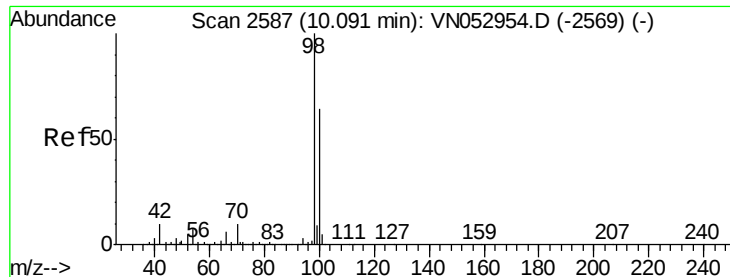
Ion Ratio Lower Upper

41 100

69 0.0 72.2 108.2#

39 15.5 41.9 62.9#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053085.D

Acq: 21 Dec 2018 4:49

Instrument :

MSVOA_N

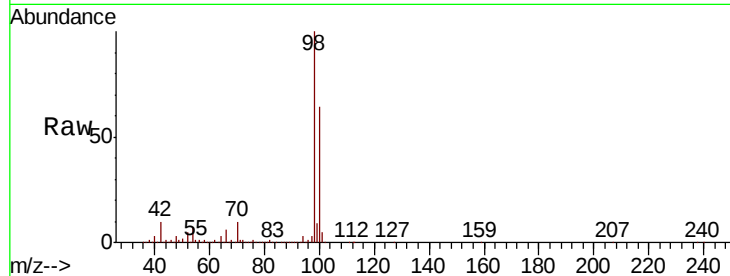
ClientSampled :

Tot Ion: 98 Resp: 2324208

Ion Ratio Lower Upper

98 100

100 64.5 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) (-)

10.09

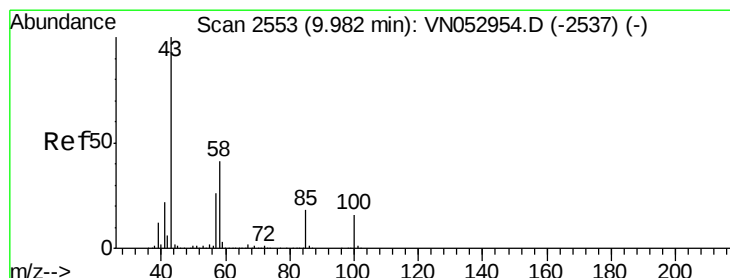
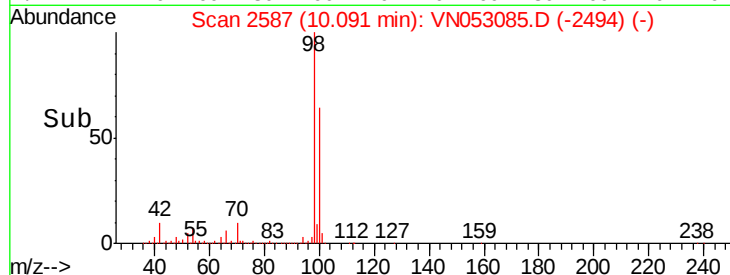
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.489 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053085.D

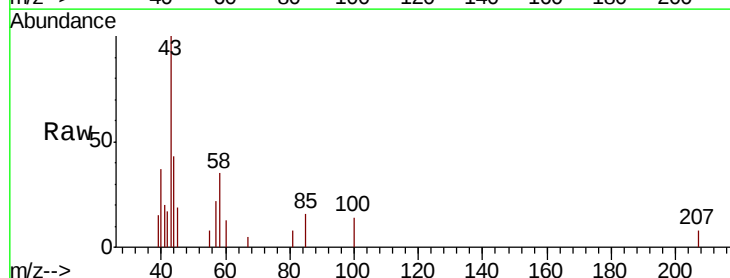
Acq: 21 Dec 2018 4:49

Tgt Ion: 43 Resp: 4846

Ion Ratio Lower Upper

43 100

58 40.3 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-2537) (-)

9.99

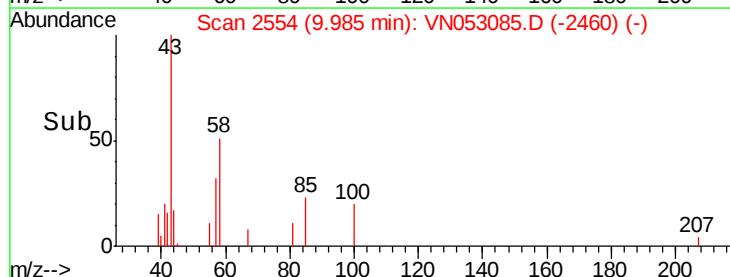
3000

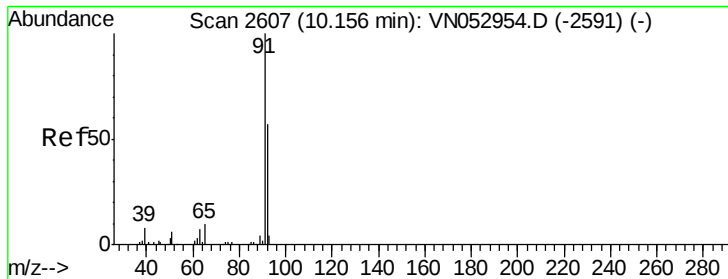
2000

1000

0

Time-->





#52

Toluene

Concen: 2.118 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN053085.D

Acq: 21 Dec 2018 4:49

Instrument :

MSVOA_N

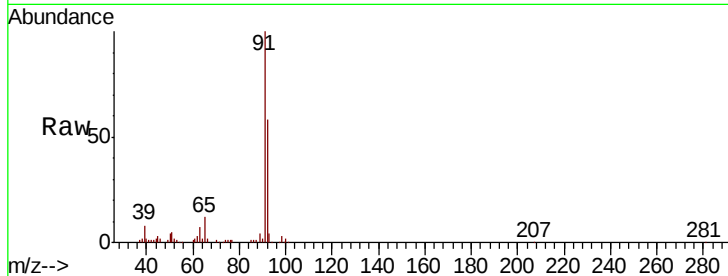
ClientSampled :

Tot Ion: 92 Resp: 71631

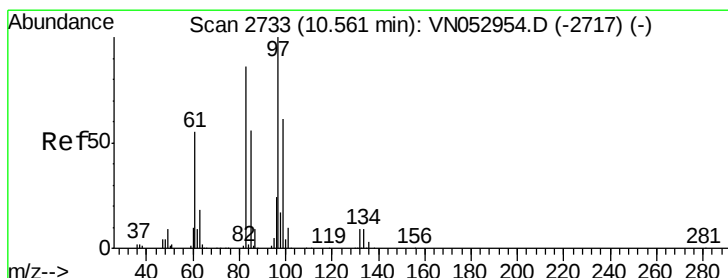
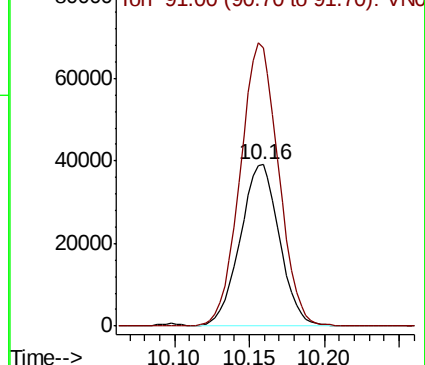
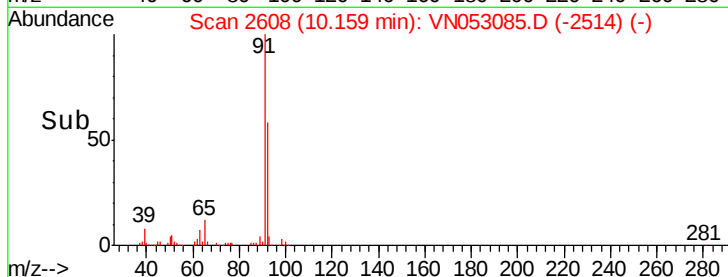
Ion Ratio Lower Upper

92 100

91 171.1 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN053085.D (-2514) (-)



#55

1,1,2-Trichloroethane

Concen: 0.581 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN053085.D

Acq: 21 Dec 2018 4:49

Tgt Ion: 97 Resp: 6855

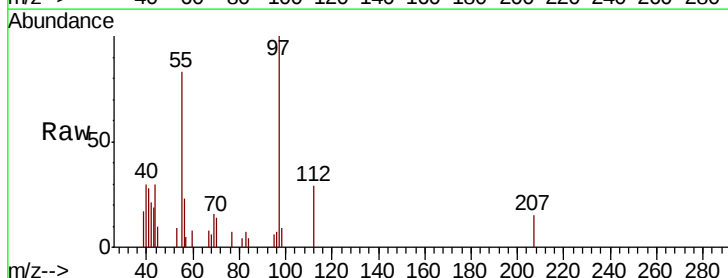
Ion Ratio Lower Upper

97 100

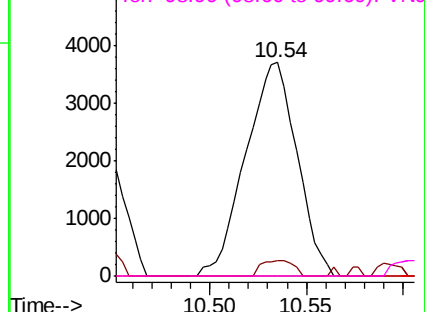
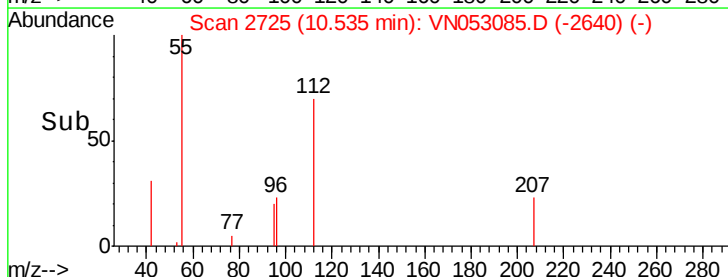
83 6.9 70.9 106.3#

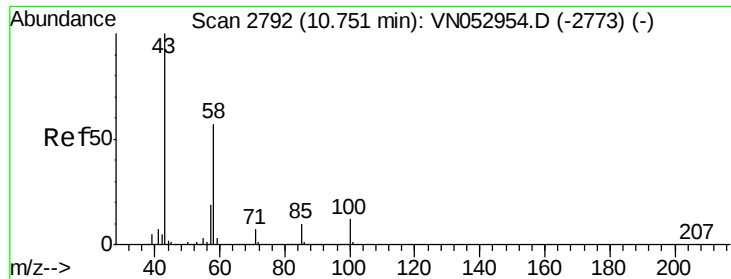
85 0.0 45.4 68.2#

99 0.0 50.4 75.6#



Abundance Ion 96.90 (96.60 to 97.60): VN053085.D (-2640) (-)

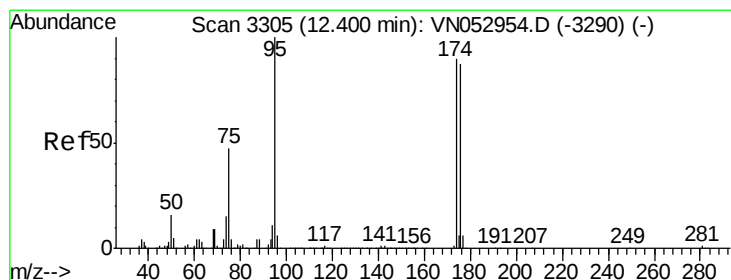
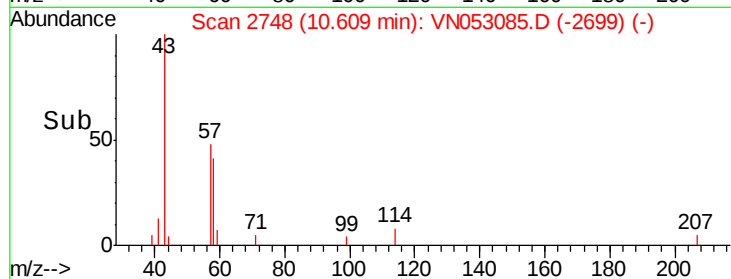
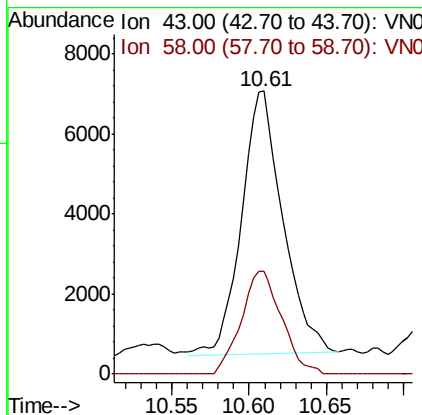
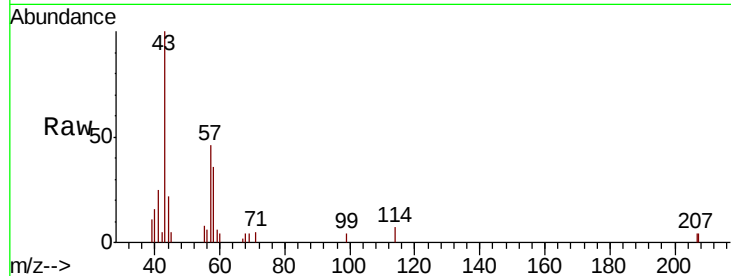




#59
2-Hexanone
Concen: 1.820 ug/l
RT: 10.61 min Scan# 2748
Delta R.T. -0.14 min
Lab File: VN053085.D
Acq: 21 Dec 2018 4:49

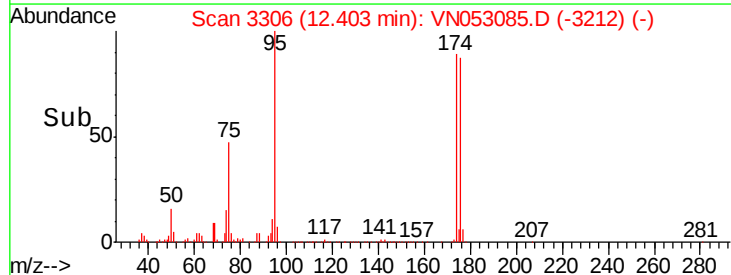
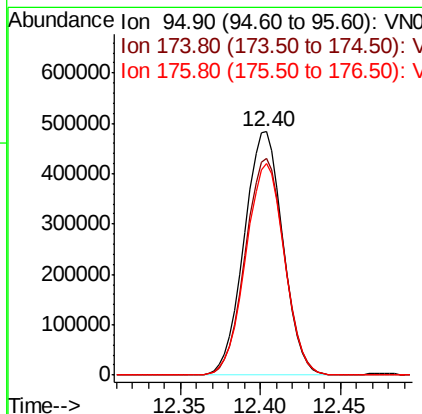
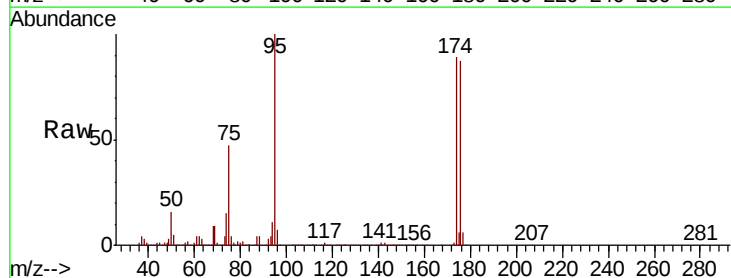
Instrument :
MSVOA_N
ClientSampleId :

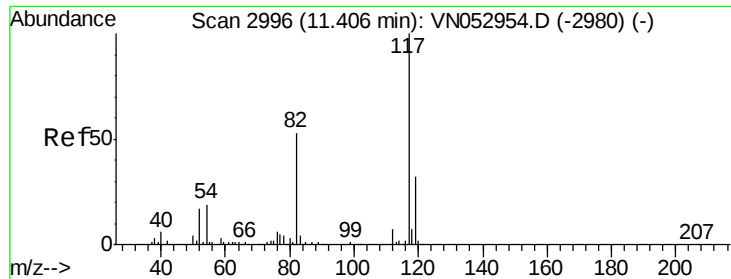
Tot Ion: 43 Resp: 12215
Ion Ratio Lower Upper
43 100
58 38.3 28.1 84.3



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053085.D
Acq: 21 Dec 2018 4:49

Tgt Ion: 95 Resp: 794118
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.8
176 87.6 0.0 173.8

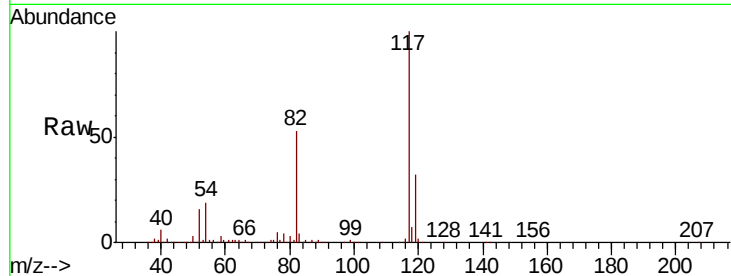




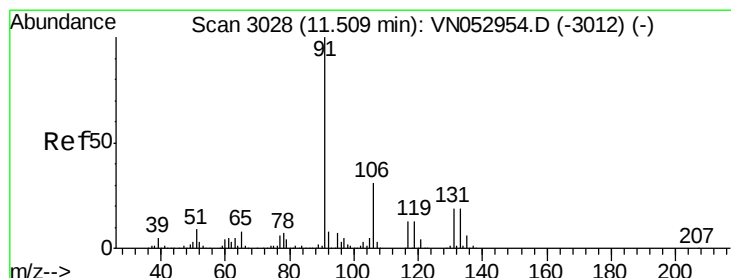
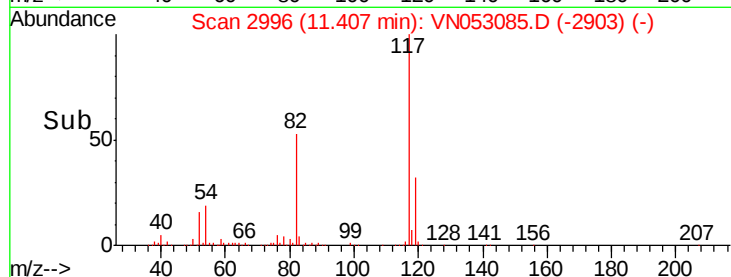
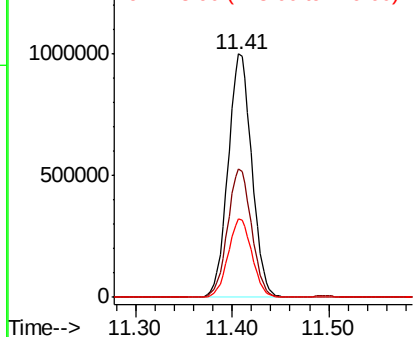
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053085.D
Acq: 21 Dec 2018 4:49

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1698712
Ion Ratio Lower Upper
117 100
82 52.8 42.8 64.2
119 32.0 25.5 38.3

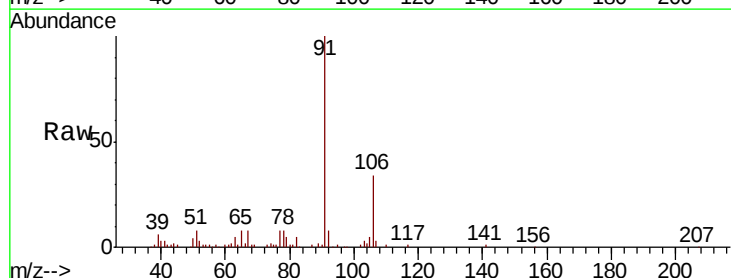


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

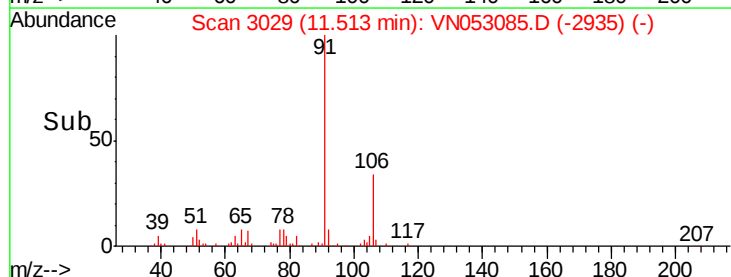
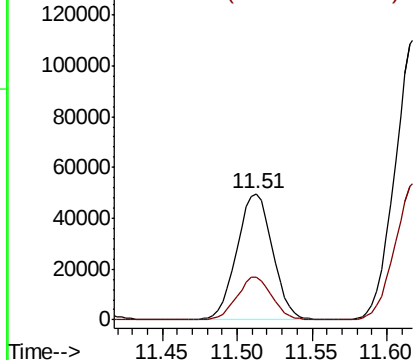


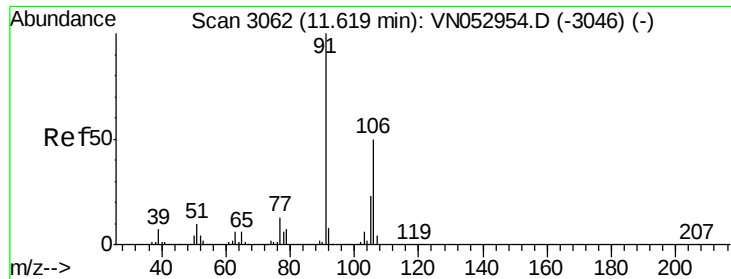
#67
Ethyl Benzene
Concen: 1.283 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053085.D
Acq: 21 Dec 2018 4:49

Tgt Ion: 91 Resp: 83097
Ion Ratio Lower Upper
91 100
106 33.5 24.9 37.3



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

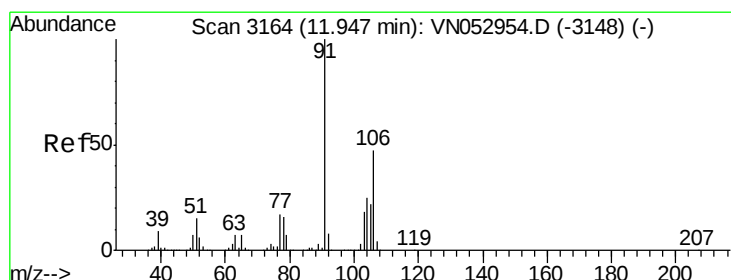
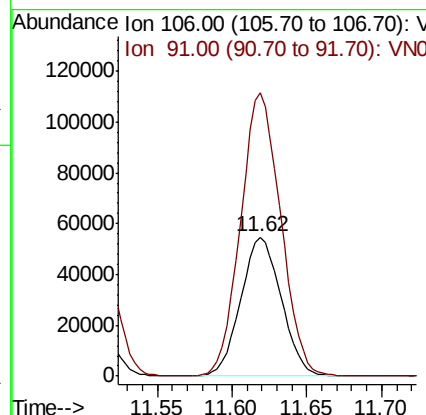
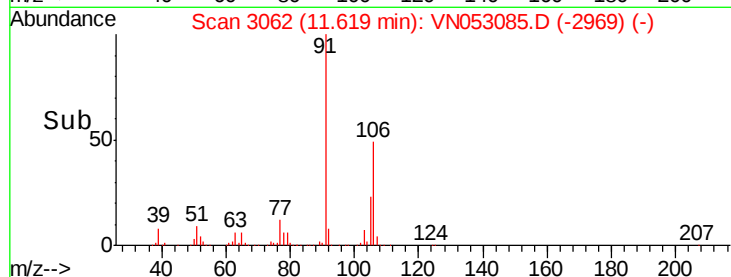
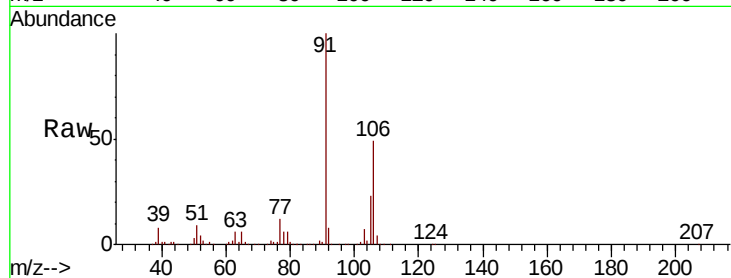




#68
m/p-Xylenes
Concen: 4.179 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN053085.D
Acq: 21 Dec 2018 4:49

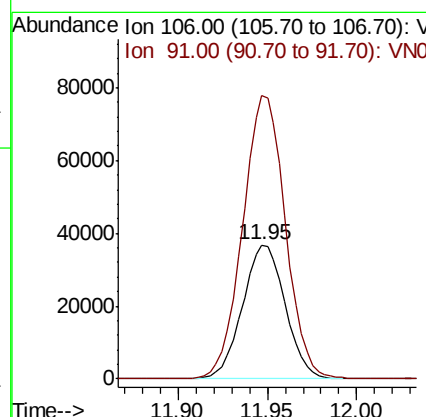
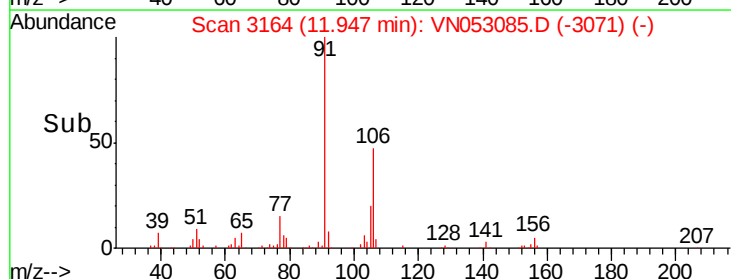
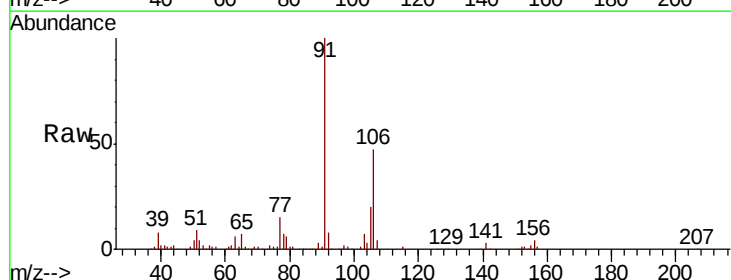
Instrument :
MSVOA_N
ClientSampled :

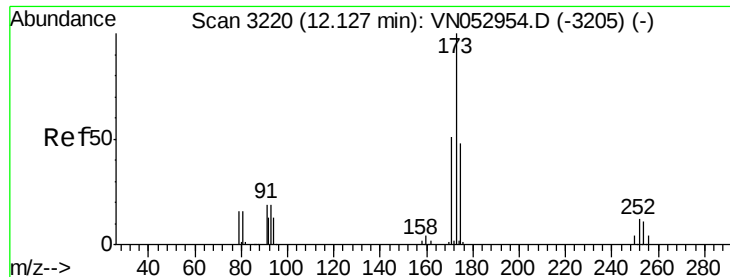
Tot Ion:106 Resp: 102874
Ion Ratio Lower Upper
106 100
91 202.6 162.2 243.4



#69
o-Xylene
Concen: 2.590 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053085.D
Acq: 21 Dec 2018 4:49

Tgt Ion:106 Resp: 61192
Ion Ratio Lower Upper
106 100
91 211.8 106.6 319.8





#71

Bromoform

Concen: 0.471 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053085.D

Acq: 21 Dec 2018 4:49

Instrument :

MSVOA_N

ClientSampled :

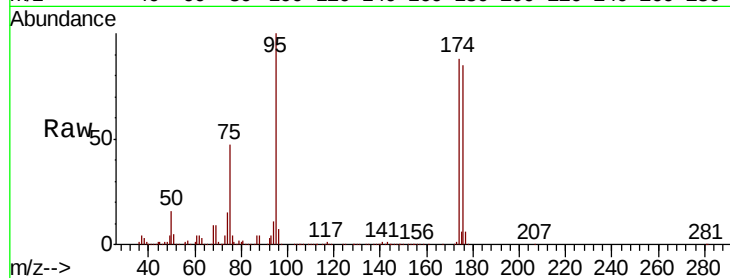
Tot Ion:173 Resp: 4459

Ion Ratio Lower Upper

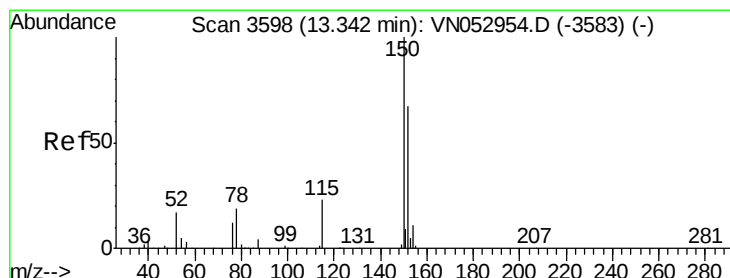
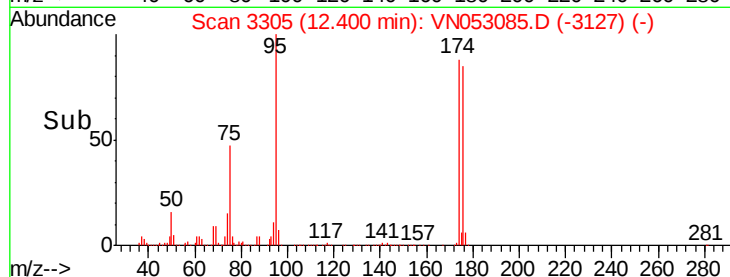
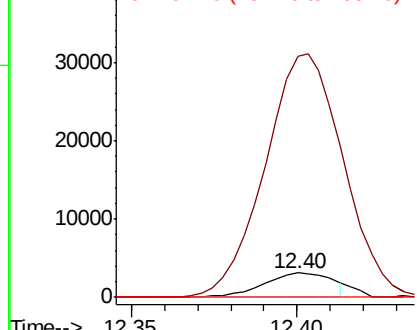
173 100

175 1002.6 24.3 72.9#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053085.D

Acq: 21 Dec 2018 4:49

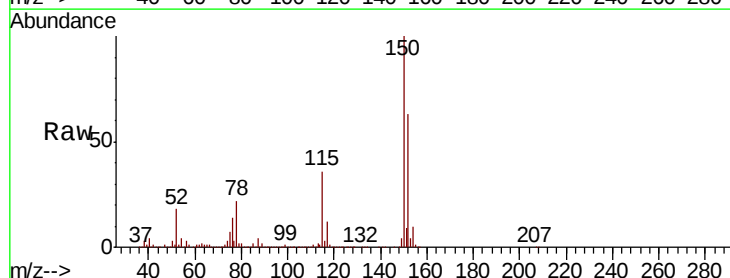
Tgt Ion:152 Resp: 786105

Ion Ratio Lower Upper

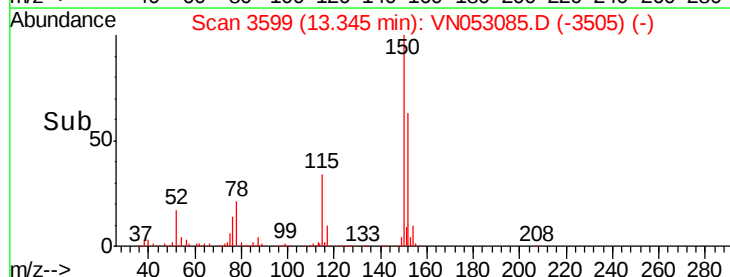
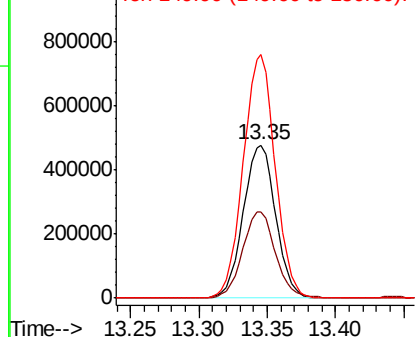
152 100

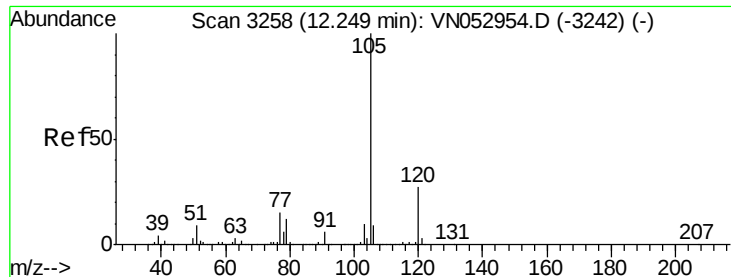
115 56.6 28.3 85.0

150 157.0 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: 4.222 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053085.D

Acq: 21 Dec 2018 4:49

Instrument :

MSVOA_N

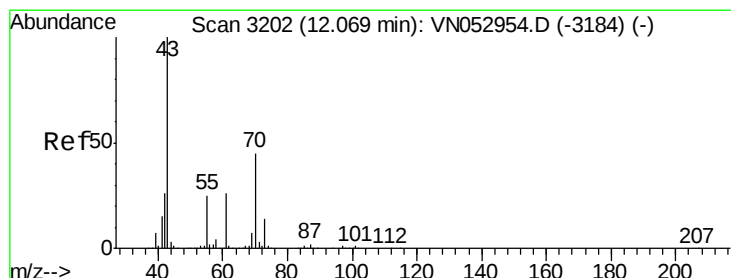
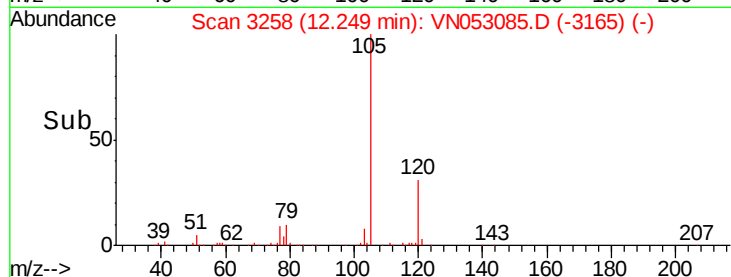
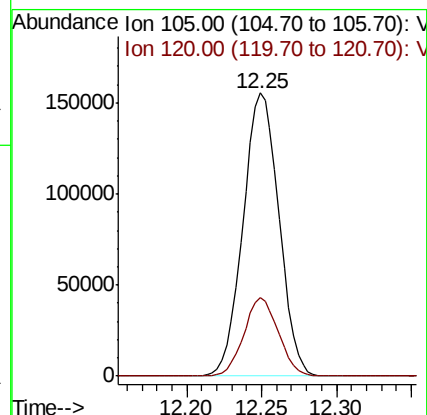
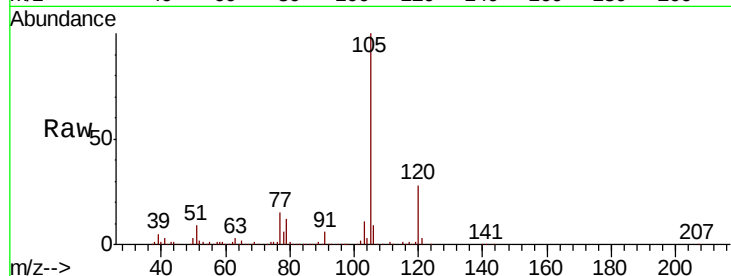
ClientSampleId :

Tot Ion:105 Resp: 259674

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 0.286 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN053085.D

Acq: 21 Dec 2018 4:49

Tgt Ion: 43 Resp: 4892

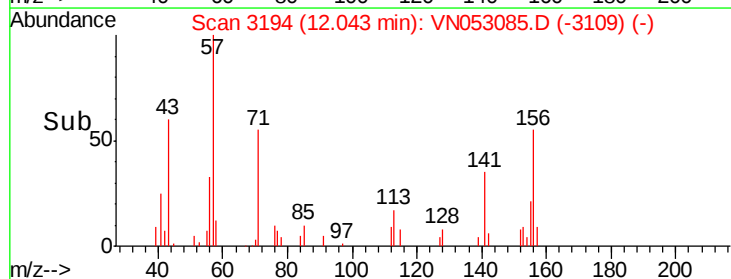
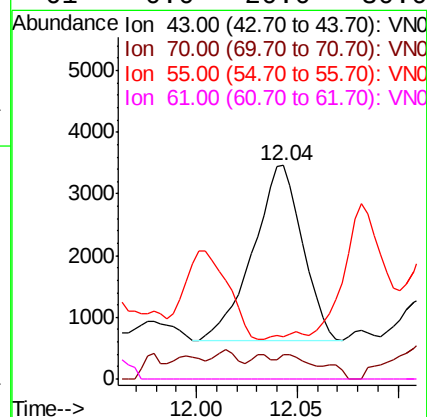
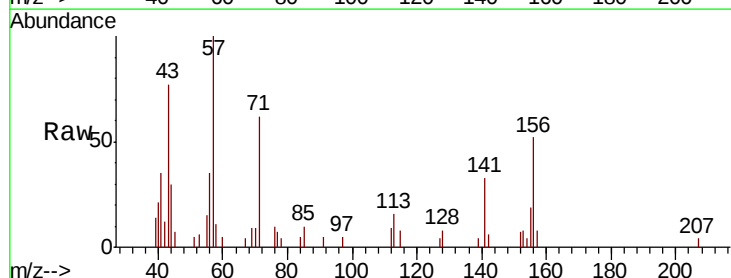
Ion Ratio Lower Upper

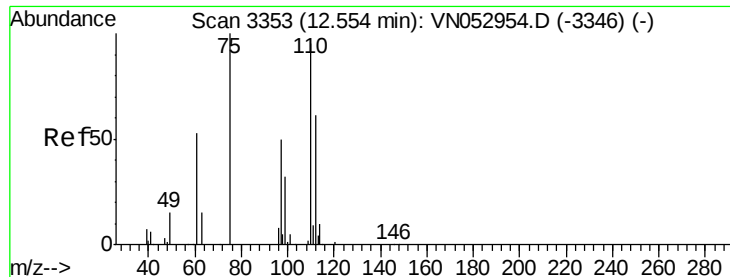
43 100

70 1.6 34.2 51.4#

55 0.0 20.3 30.5#

61 0.0 20.0 30.0#





#76

1,2,3-Trichloropropane

Concen: 28.074 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053085.D

Acq: 21 Dec 2018 4:49

Instrument :

MSVOA_N

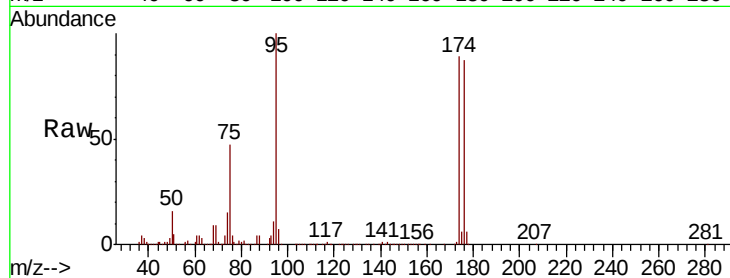
ClientSampled :

Tot Ion: 75 Resp: 371506

Ion Ratio Lower Upper

75 100

77 1.3 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) (-)

12.40

250000

200000

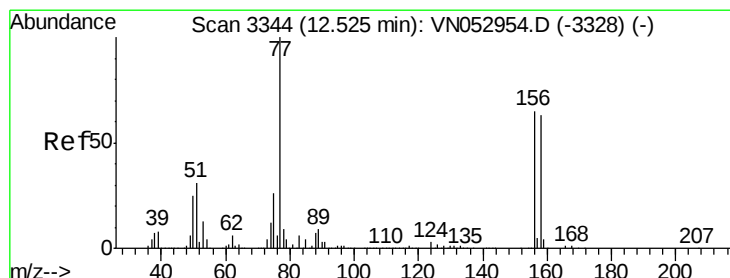
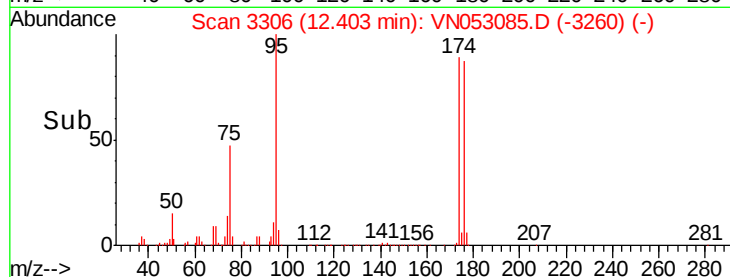
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#77

Bromobenzene

Concen: 1.773 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.03 min

Lab File: VN053085.D

Acq: 21 Dec 2018 4:49

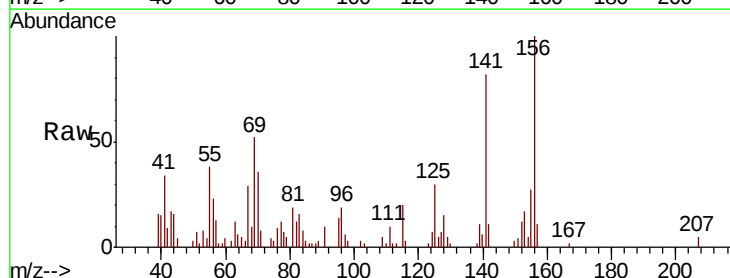
Tgt Ion: 156 Resp: 28352

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) (-)

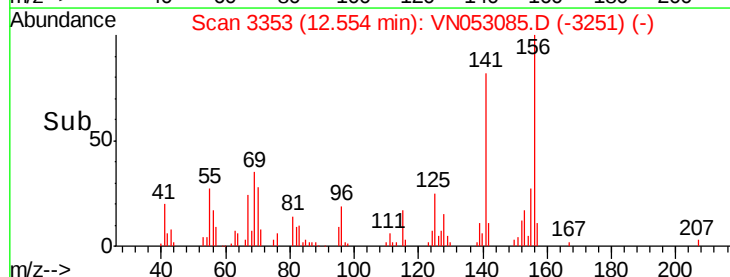
15000

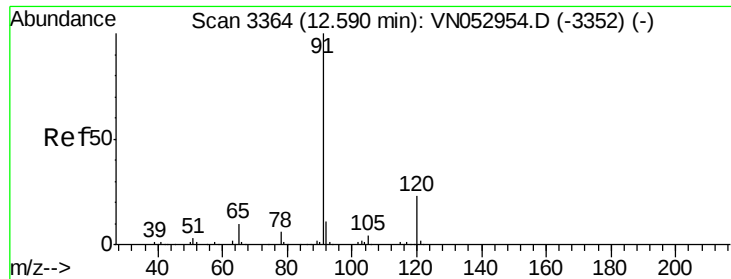
10000

5000

0

Time--> 12.40 12.50 12.60





#78

n-propylbenzene

Concen: 7.478 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053085.D

Acq: 21 Dec 2018 4:49

Instrument :

MSVOA_N

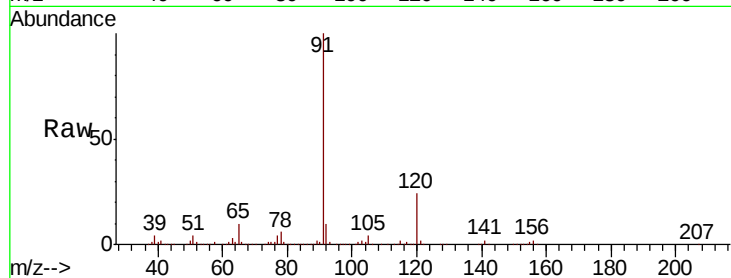
ClientSampled :

Tot Ion: 91 Resp: 523860

Ion Ratio Lower Upper

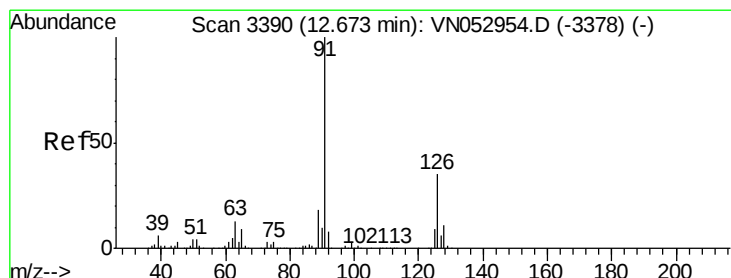
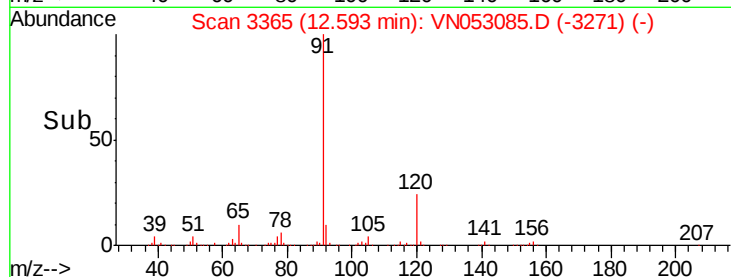
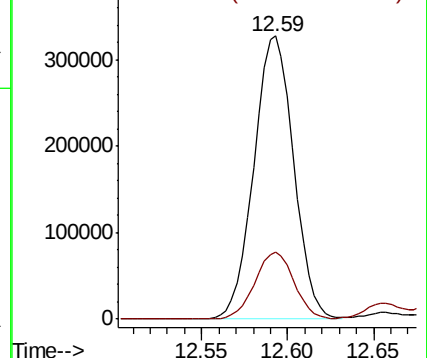
91 100

120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 12.065 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN053085.D

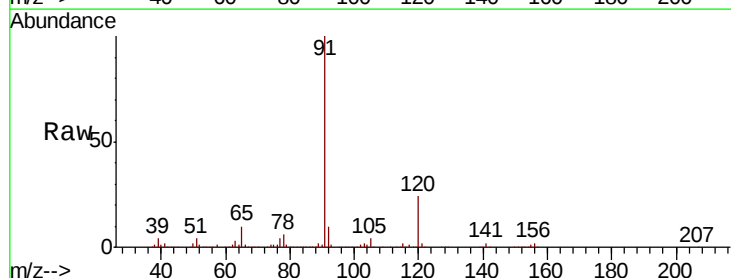
Acq: 21 Dec 2018 4:49

Tgt Ion: 91 Resp: 523860

Ion Ratio Lower Upper

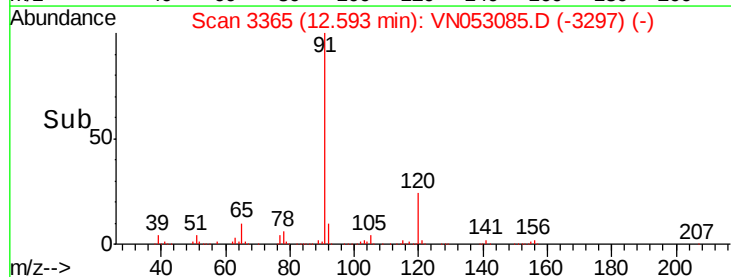
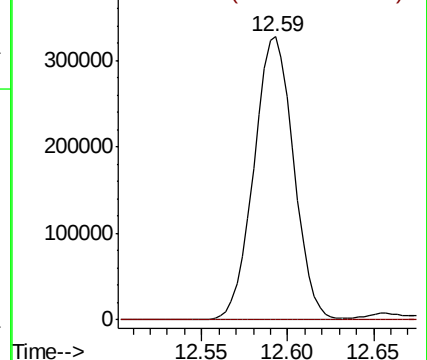
91 100

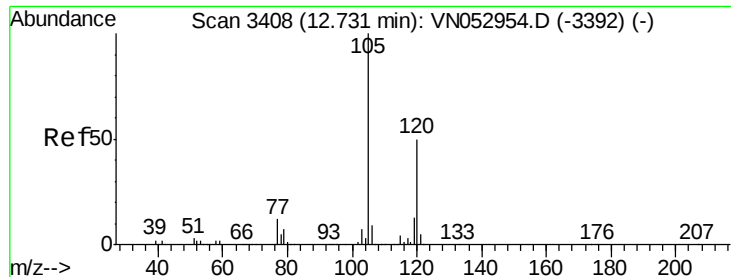
126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

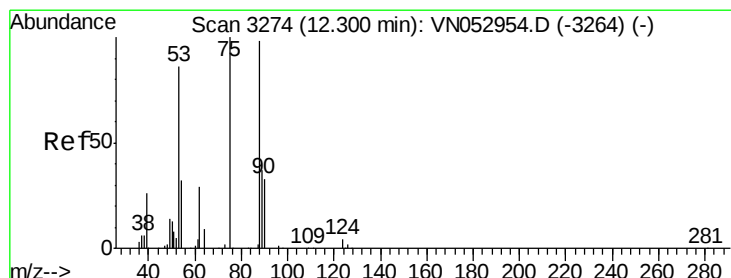
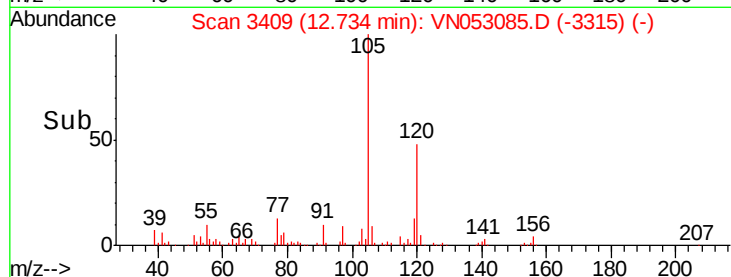
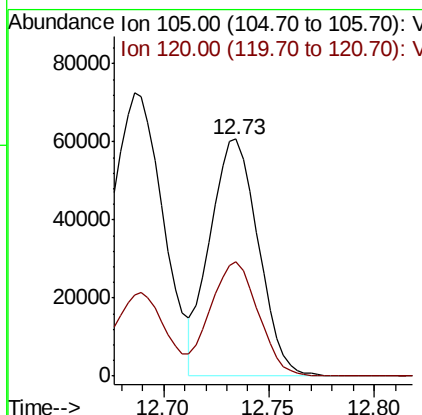
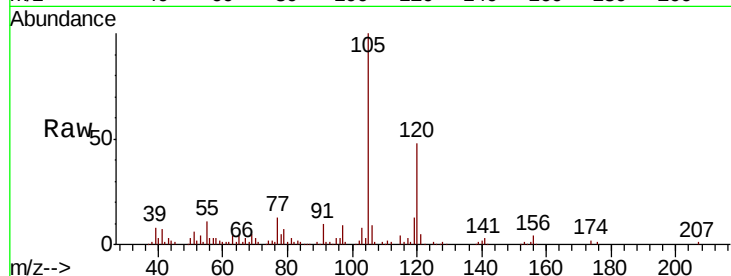




#80
 1,3,5-Trimethylbenzene
 Concen: 1.928 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053085.D
 Acq: 21 Dec 2018 4:49

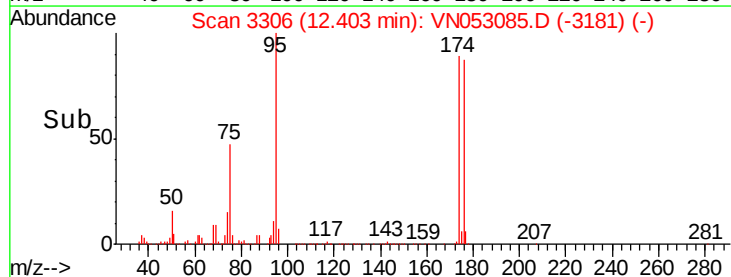
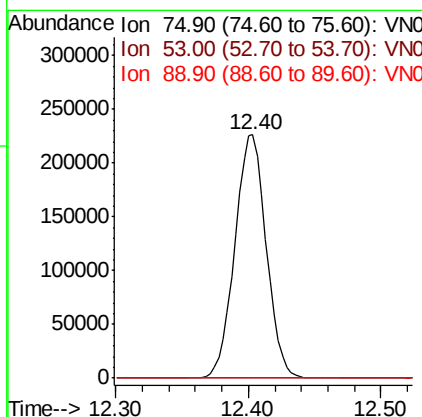
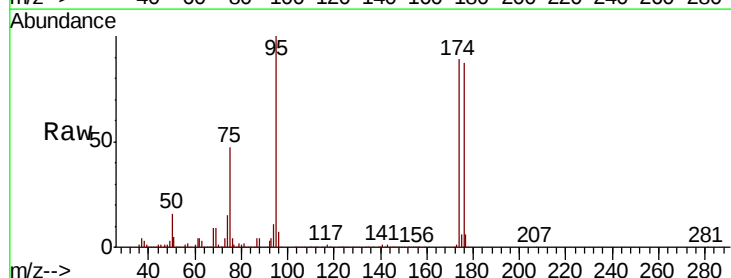
Instrument :
 MSVOA_N
 ClientSampled :

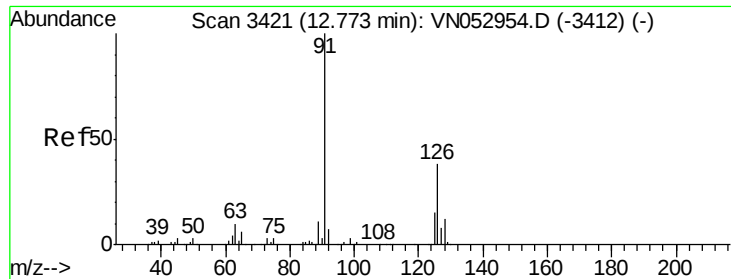
Tot Ion:105 Resp: 96643
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.485 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN053085.D
 Acq: 21 Dec 2018 4:49

Tgt Ion: 75 Resp: 371506
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.7 112.1#
 89 0.0 36.1 54.1#





#82

4-Chlorotoluene

Concen: 12.325 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.18 min

Lab File: VN053085.D

Acq: 21 Dec 2018 4:49

Instrument :

MSVOA_N

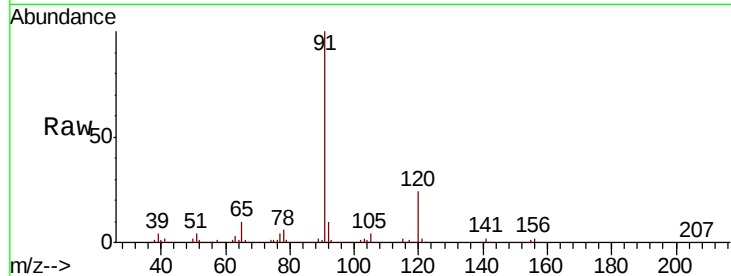
ClientSampleId :

Tot Ion: 91 Resp: 523860

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN052954.D (-3412) (-)

12.59

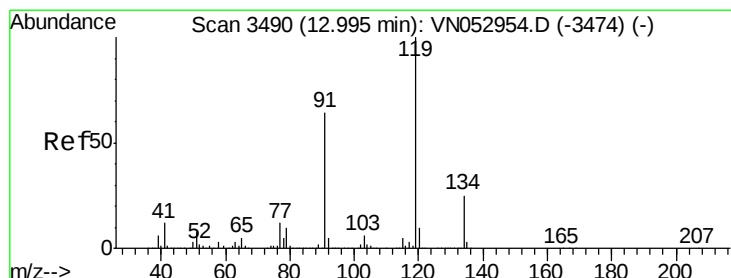
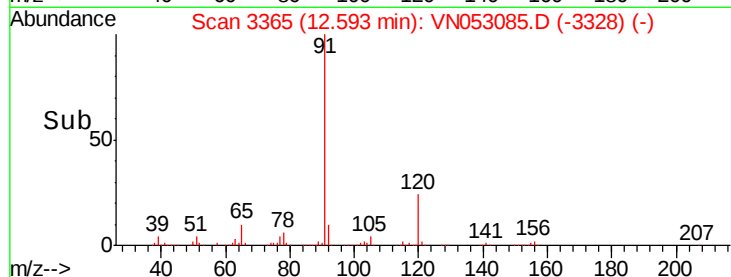
300000

200000

100000

0

Time-->



#83

tert-Butylbenzene

Concen: 0.562 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN053085.D

Acq: 21 Dec 2018 4:49

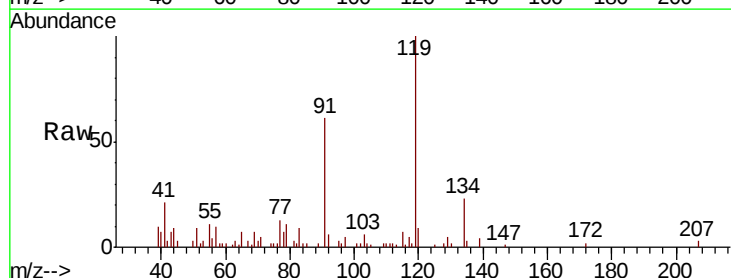
Tgt Ion: 119 Resp: 24896

Ion Ratio Lower Upper

119 100

91 64.7 31.9 95.5

134 23.6 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): VN052954.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN052954.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN052954.D (-3474) (-)

40000

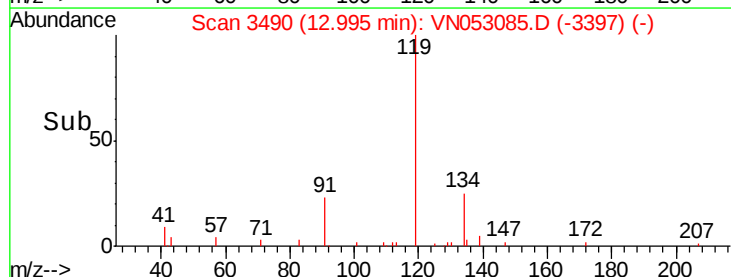
30000

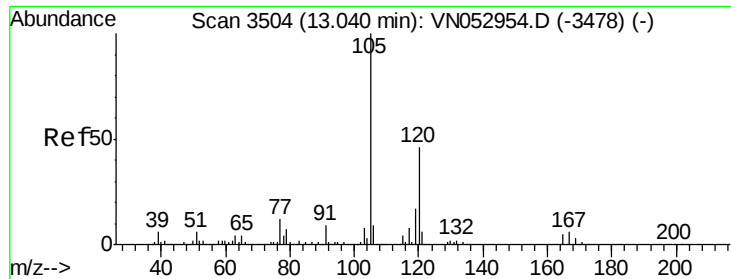
20000

10000

0

Time-->

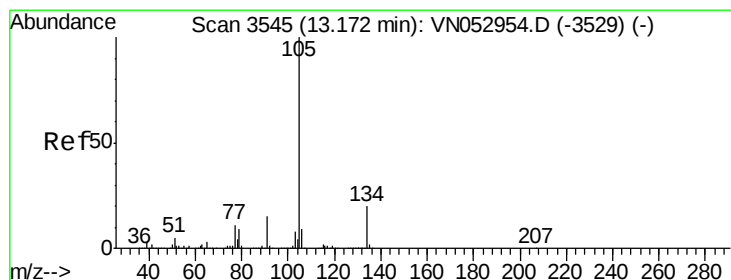
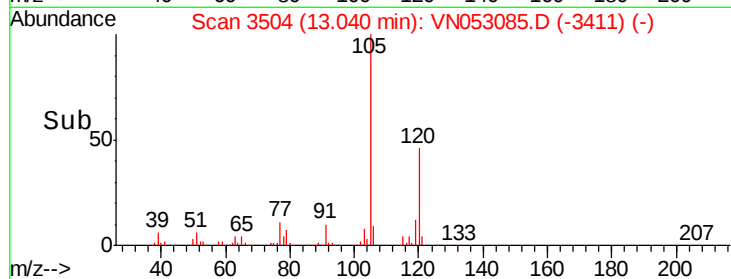
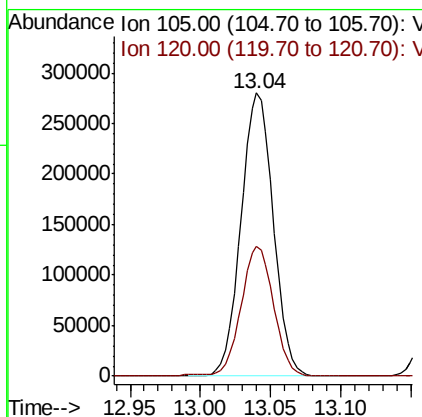
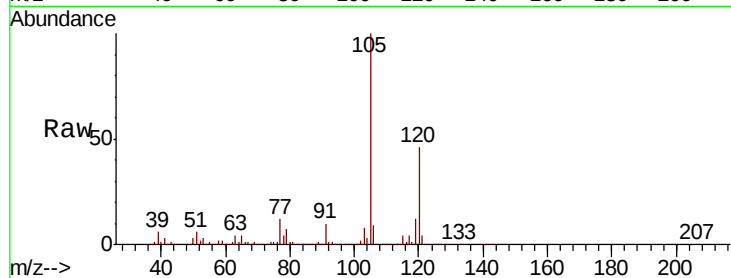




#84
 1,2,4-Trimethylbenzene
 Concen: 8.902 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053085.D
 Acq: 21 Dec 2018 4:49

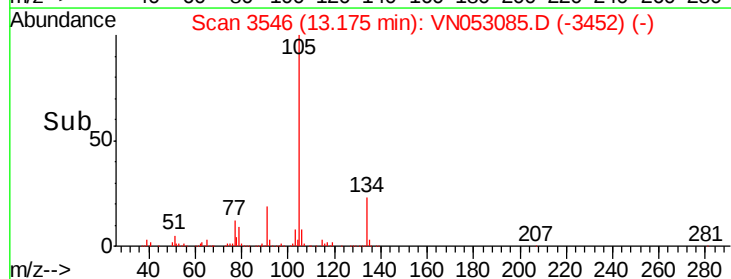
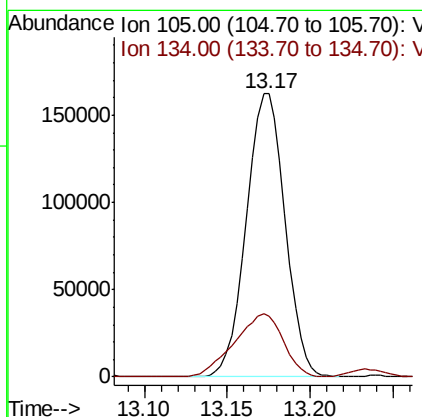
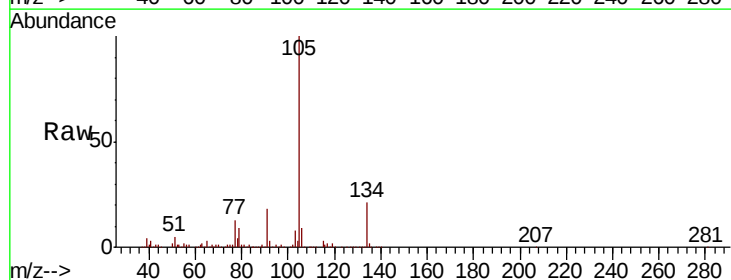
Instrument :
 MSVOA_N
 ClientSampleId :

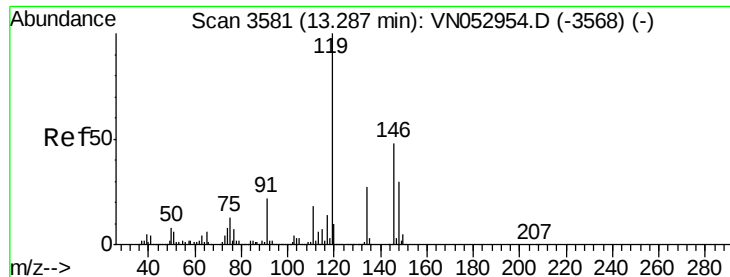
Tot Ion:105 Resp: 448622
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8



#85
 sec-Butylbenzene
 Concen: 4.388 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN053085.D
 Acq: 21 Dec 2018 4:49

Tgt Ion:105 Resp: 263141
 Ion Ratio Lower Upper
 105 100
 134 28.2 10.1 30.3

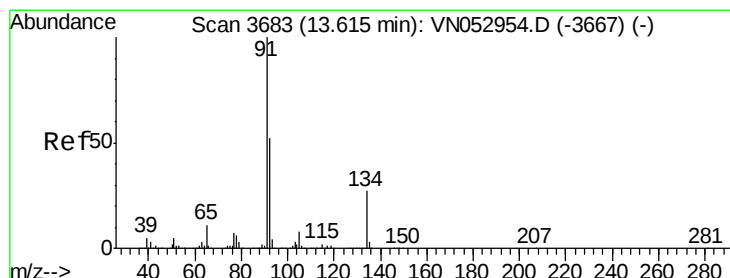
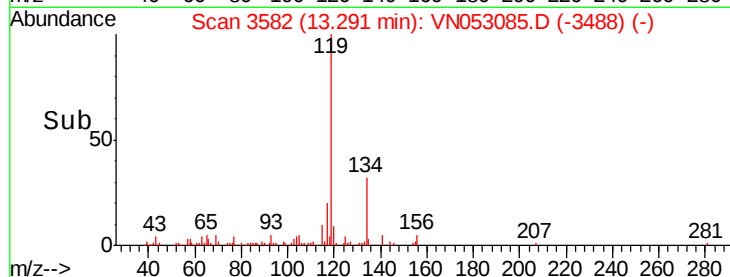
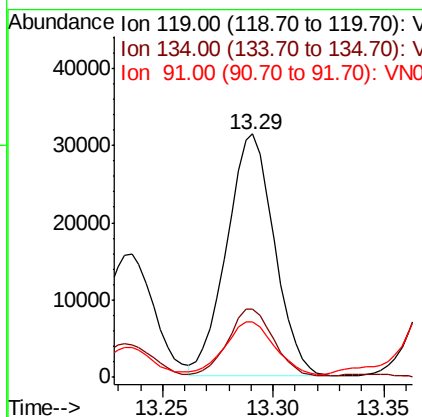
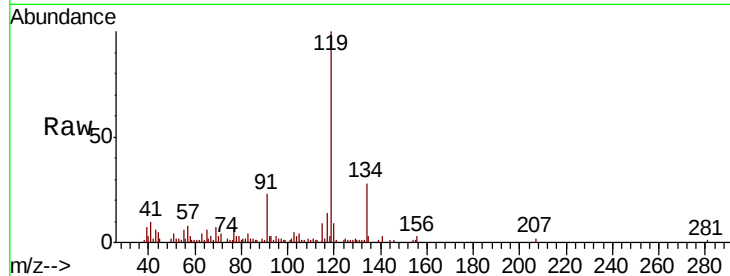




#86
p-Isopropyltoluene
Concen: 0.904 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053085.D
Acq: 21 Dec 2018 4:49

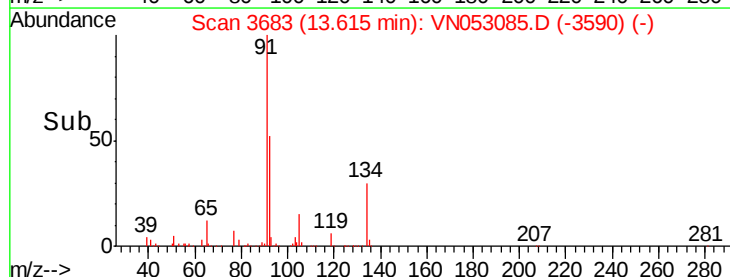
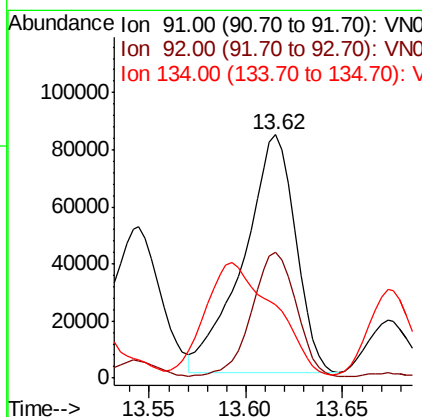
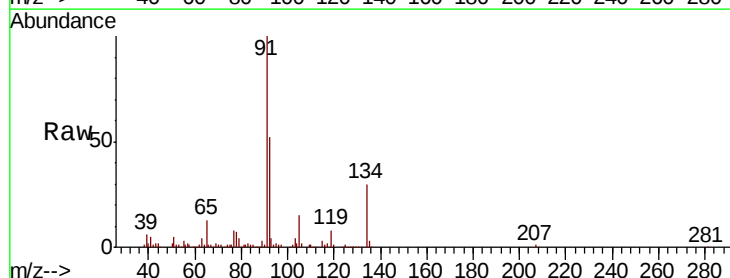
Instrument :
MSVOA_N
ClientSampled :

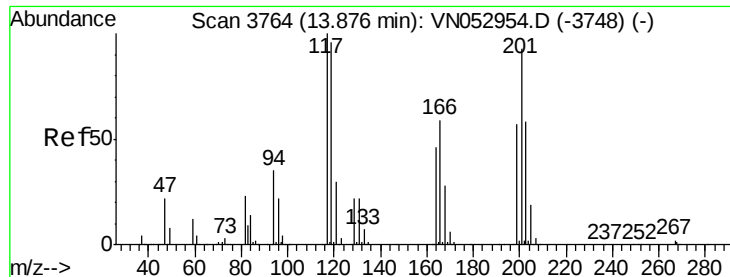
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.4	40.2
91	22.2	11.1	33.3



#89
n-Butylbenzene
Concen: 3.506 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053085.D
Acq: 21 Dec 2018 4:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	45.1	26.3	78.9
134	0.0	13.3	39.8#





#90

Hexachloroethane

Concen: 9.451 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053085.D

Acq: 21 Dec 2018 4:49

Instrument :

MSVOA_N

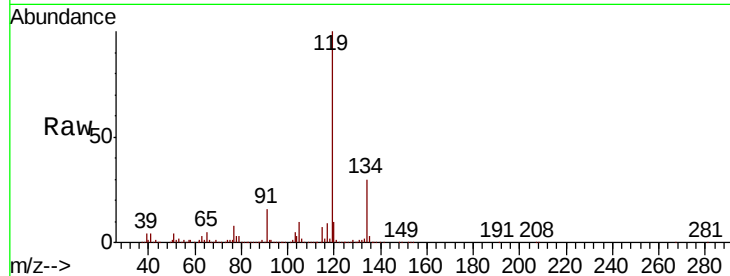
ClientSampleId :

Tot Ion:117 Resp: 75154

Ion Ratio Lower Upper

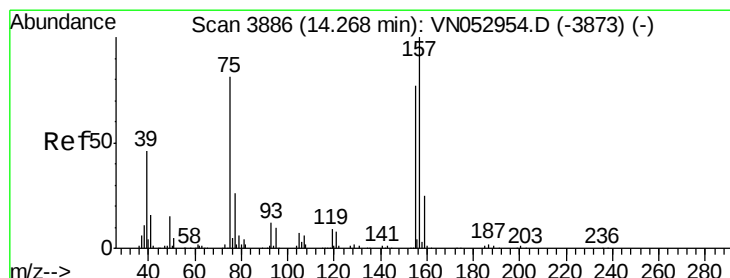
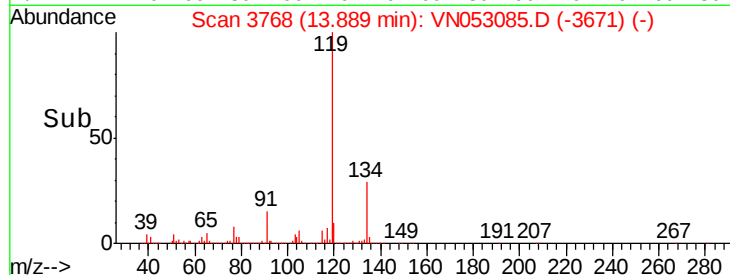
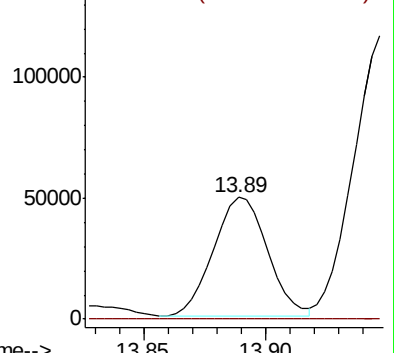
117 100

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: 0.422 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN053085.D

Acq: 21 Dec 2018 4:49

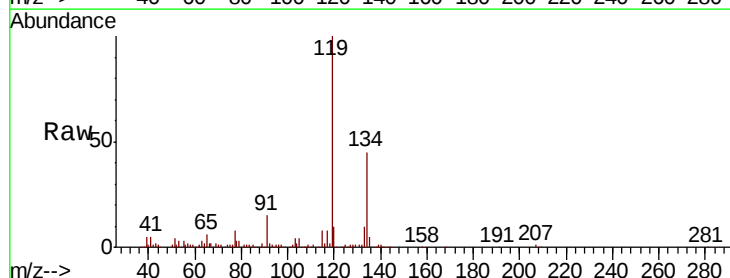
Tgt Ion: 75 Resp: 881

Ion Ratio Lower Upper

75 100

155 7.5 48.2 144.6#

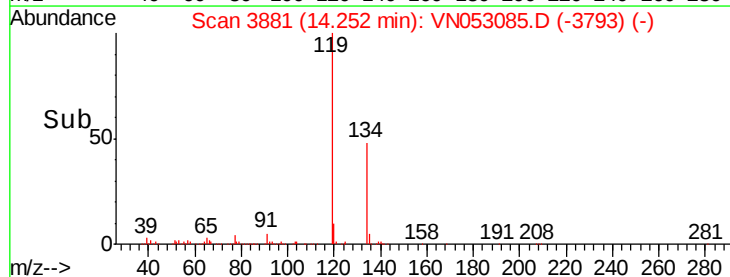
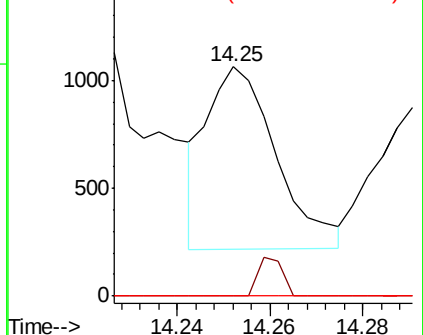
157 0.0 61.2 183.5#

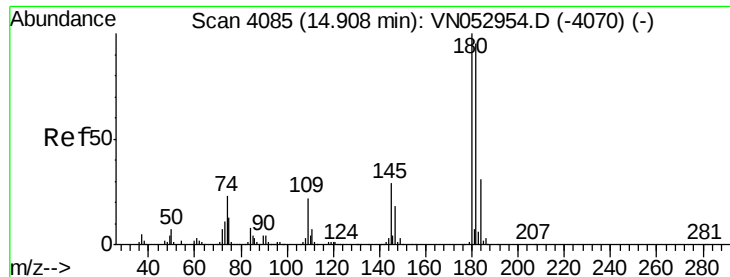


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

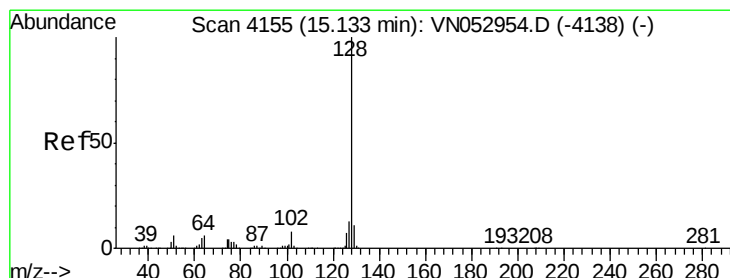
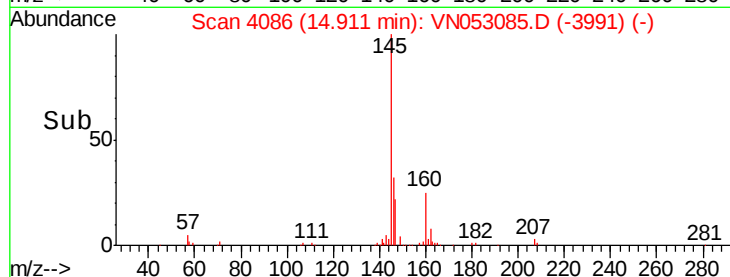
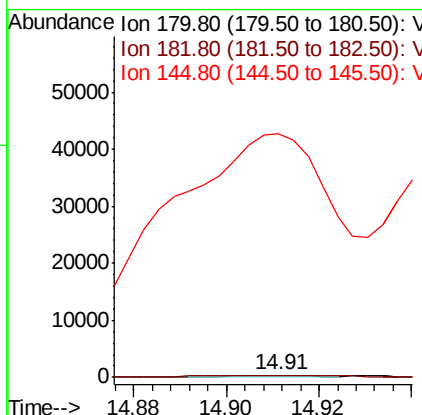
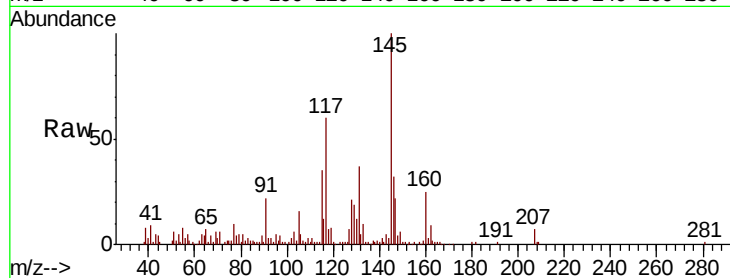




#93
 1,2,4-Trichlorobenzene
 Concen: 0.626 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053085.D
 Acq: 21 Dec 2018 4:49

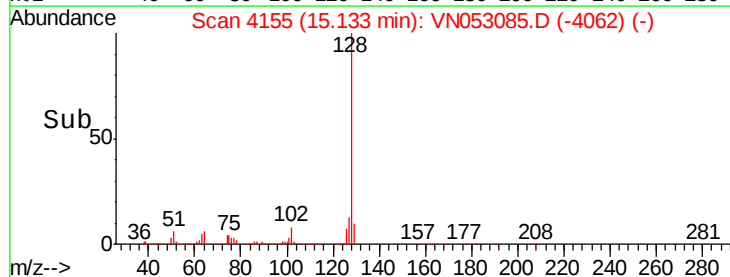
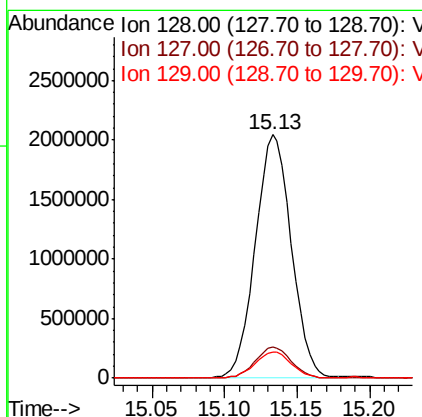
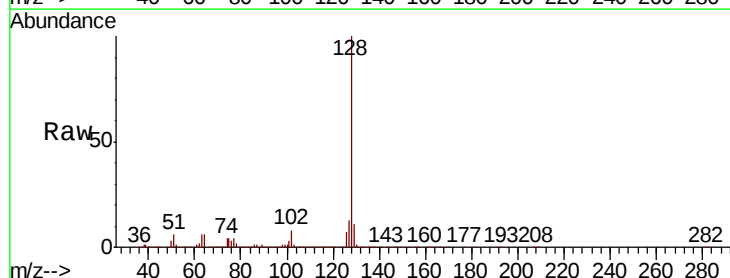
Instrument :
 MSVOA_N
 ClientSampled :

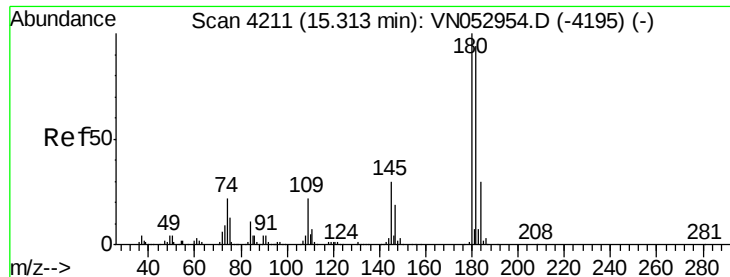
Tot Ion:180 Resp: 423
 Ion Ratio Lower Upper
 180 100
 182 80.9 47.8 143.3
 145 26373.0 14.2 42.6#



#95
 Naphthalene
 Concen: 112.504 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053085.D
 Acq: 21 Dec 2018 4:49

Tgt Ion:128 Resp: 3522588
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.2 15.4
 129 10.7 8.6 13.0

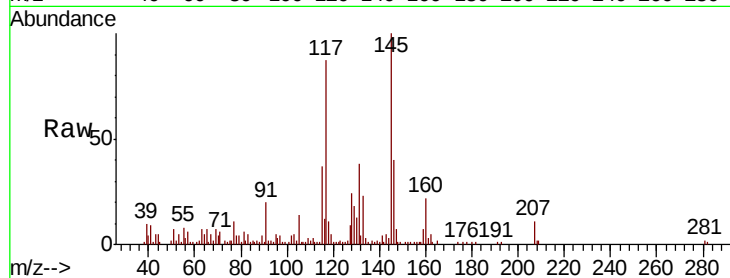




#96
 1,2,3-Trichlorobenzene
 Concen: 0.519 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. -0.01 min
 Lab File: VN053085.D
 Acq: 21 Dec 2018 4:49

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 146
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.7#
 145 73045.9 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

