

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031419\
 Data File : VN054257.D
 Acq On : 14 Mar 2019 13:09
 Operator : JC/SP
 Sample : K1844-02RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-4

Quant Time: Mar 15 06:51:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1366861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2234999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2332697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1002527	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	725627	49.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.98%	
35) Dibromofluoromethane	7.59	113	688459	47.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.52%	
50) Toluene-d8	10.09	98	2779544	52.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.40	95	1052780	56.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.95	142	1272	1.558	ug/l #	80
13) Acrolein	3.62	56	687	0.729	ug/l #	7
15) Acrylonitrile	5.00	53	1151	0.282	ug/l #	60
16) Acetone	3.82	43	81132	19.520	ug/l	98
17) Carbon Disulfide	4.05	76	33498	0.941	ug/l	96
20) Methylene Chloride	4.55	84	9326	0.683	ug/l	95
25) 2-Butanone	6.85	43	3662	0.751	ug/l #	85
29) Tetrahydrofuran	7.24	42	935	0.298	ug/l #	50
31) Cyclohexane	7.67	56	21444	Below Cal	#	3
36) 1,1-Dichloropropene	7.66	75	79374	3.856	ug/l #	48
38) Carbon Tetrachloride	7.66	117	110067	5.099	ug/l #	16
43) Isopropyl Acetate	8.34	43	38881	1.873	ug/l #	60
51) 4-Methyl-2-Pentanone	9.99	43	10680	0.972	ug/l	95
52) Toluene	10.16	92	163656	4.382	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	815	2.020	ug/l #	48
58) 2-Chloroethyl Vinyl ether	9.70	63	316	16.870	ug/l #	44
59) 2-Hexanone	10.76	43	7235	0.990	ug/l	97
65) Chlorobenzene	11.44	112	17643	0.344	ug/l	91
67) Ethyl Benzene	11.51	91	83545	0.984	ug/l	99
68) m/p-Xylenes	11.62	106	132337	3.988	ug/l	99
69) o-Xylene	11.95	106	67792	2.096	ug/l	100
71) Bromoform	12.12	173	378	2.376	ug/l #	28
74) N-ethyl acetate	12.07	43	6181	0.347	ug/l #	87
76) 1,2,3-Trichloropropane	12.40	75	508439	34.488	ug/l #	100
78) n-propylbenzene	12.59	91	21617	0.248	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	23047	0.345	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	508439	117.894	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	64309	0.983	ug/l	99
86) p-Isopropyltoluene	13.29	119	23134	0.331	ug/l	97
89) n-Butylbenzene	13.62	91	16070	0.303	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	10797	3.002	ug/l	97
94) Hexachlorobutadiene	15.01	225	5251	0.394	ug/l	87
95) Naphthalene	15.13	128	43862	4.398	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	11644	0.627	ug/l	89

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

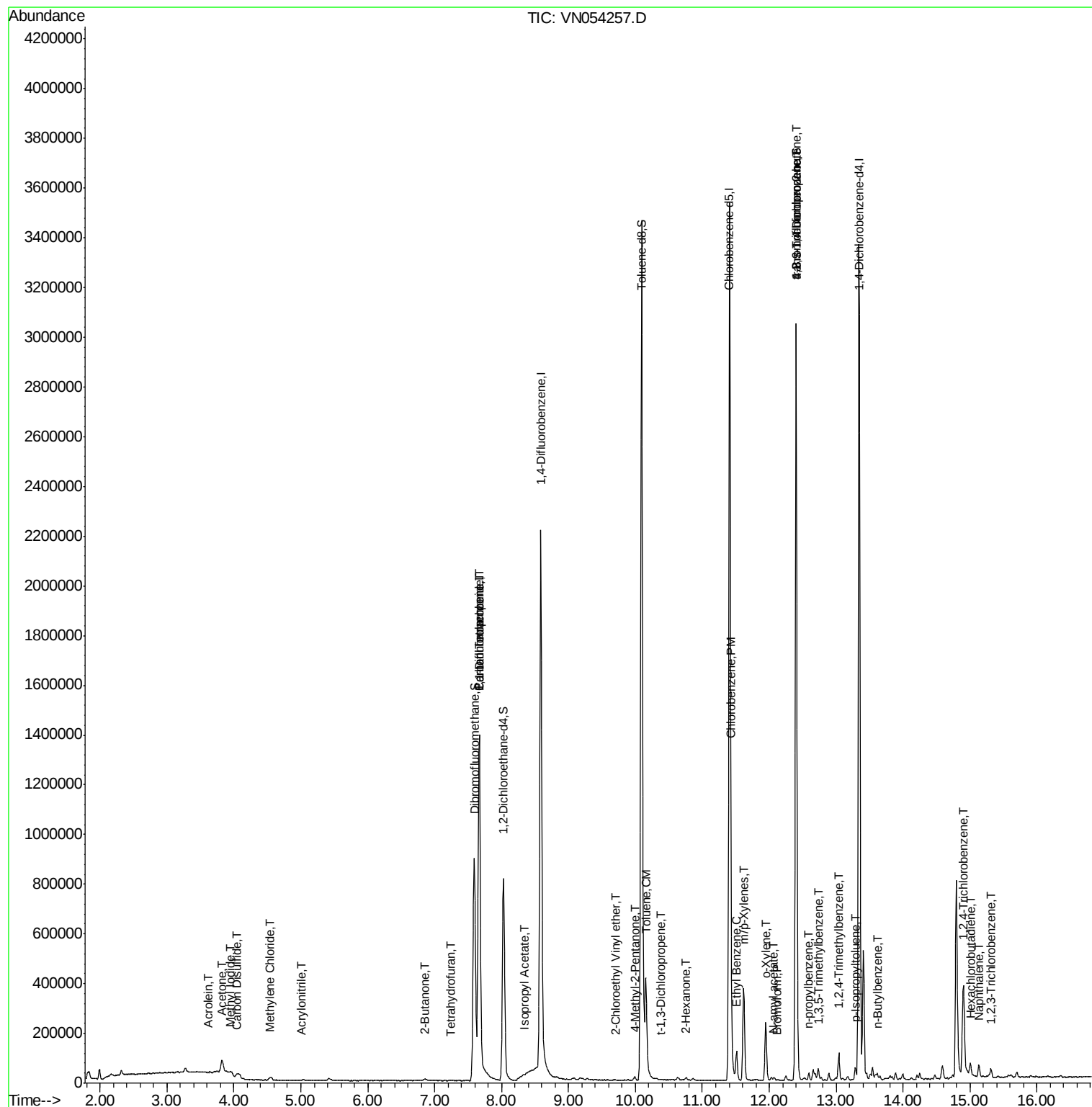
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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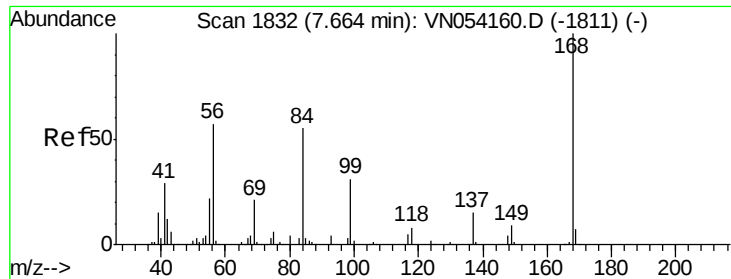
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031419\
Data File : VN054257.D
Acq On : 14 Mar 2019 13:09
Operator : JC/SP
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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: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

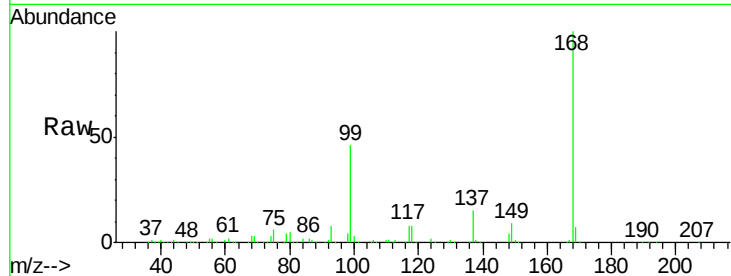
DRUM-1-4

Tot Ion:168 Resp: 1366861

Ion Ratio Lower Upper

168 100

99 46.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

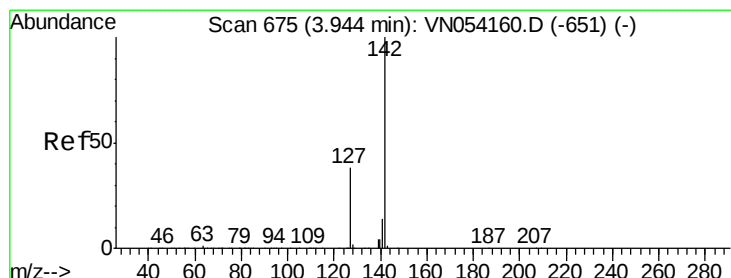
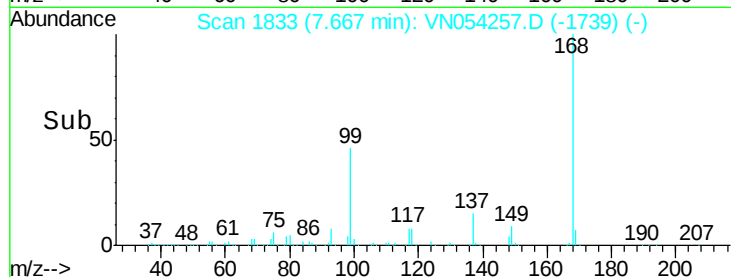
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#10

Methyl Iodide

Concen: 1.558 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.01 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

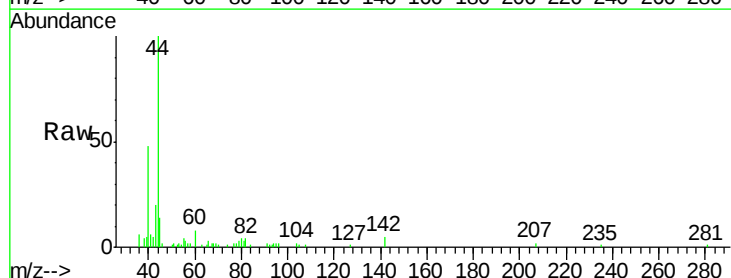
Tgt Ion:142 Resp: 1272

Ion Ratio Lower Upper

142 100

127 25.0 30.3 45.5#

141 7.7 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.95

1000

800

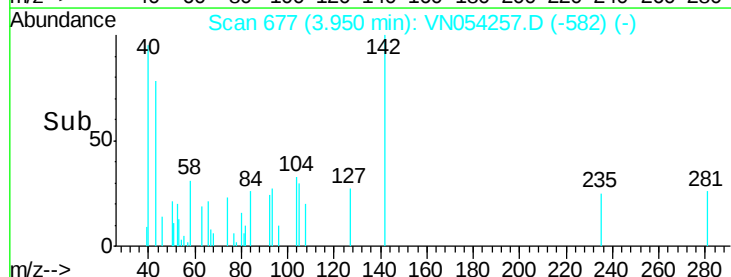
600

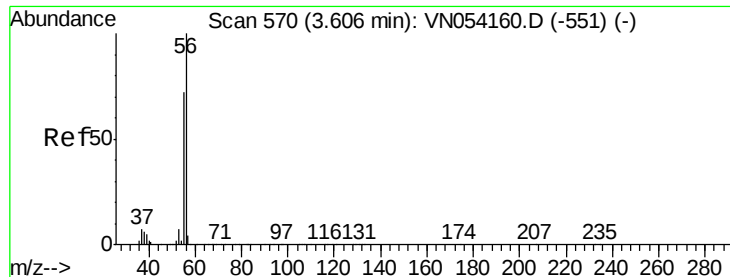
400

200

0

Time--> 3.90 3.95





#13

Acrolein

Concen: 0.729 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampled :

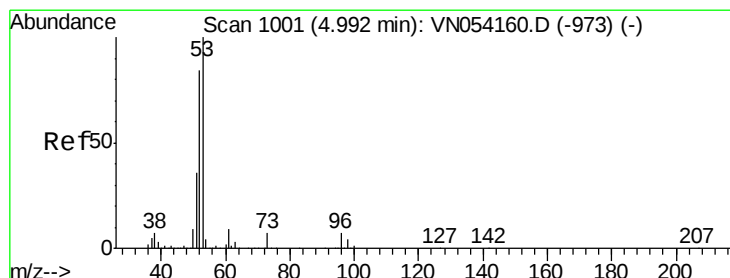
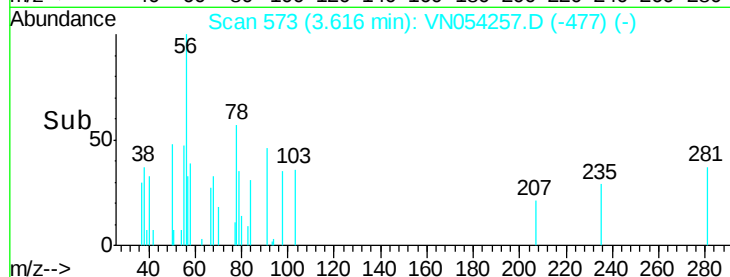
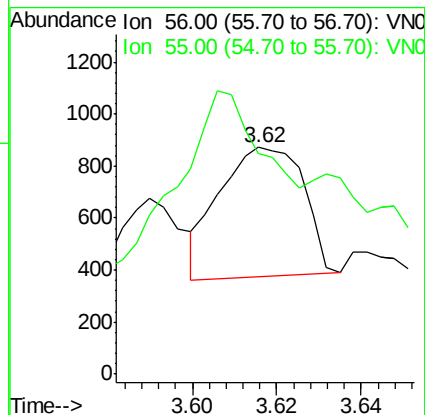
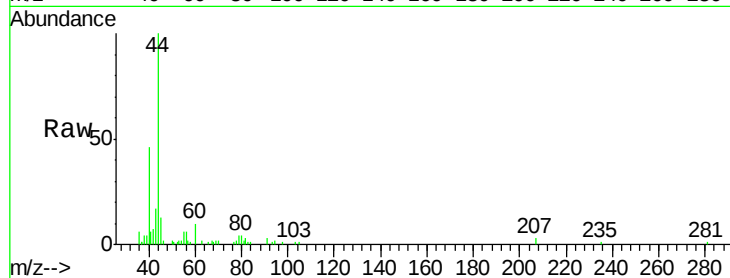
DRUM-1-4

Tot Ion: 56 Resp: 687

Ion Ratio Lower Upper

56 100

55 147.7 56.7 85.1#



#15

Acrylonitrile

Concen: 0.282 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. 0.01 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

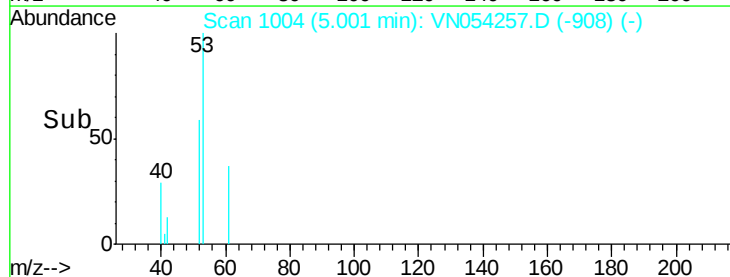
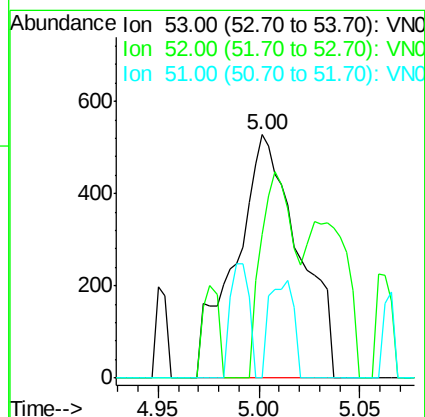
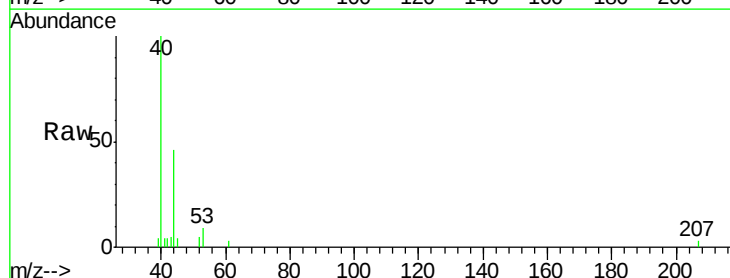
Tgt Ion: 53 Resp: 1151

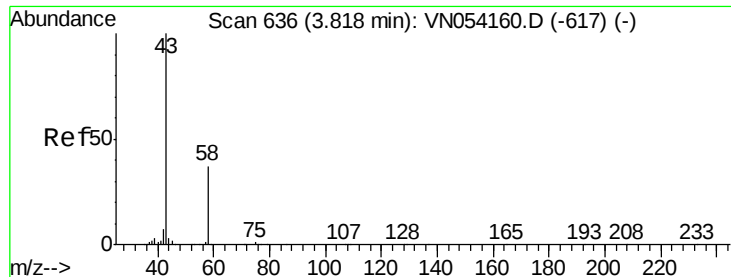
Ion Ratio Lower Upper

53 100

52 44.9 66.4 99.6#

51 15.6 29.6 44.4#





#16

Acetone

Concen: 19.520 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampled :

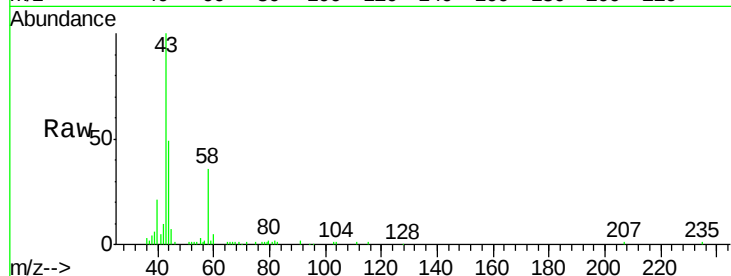
DRUM-1-4

Tot Ion: 43 Resp: 81132

Ion Ratio Lower Upper

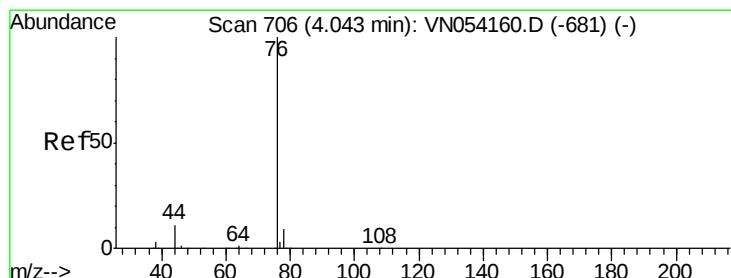
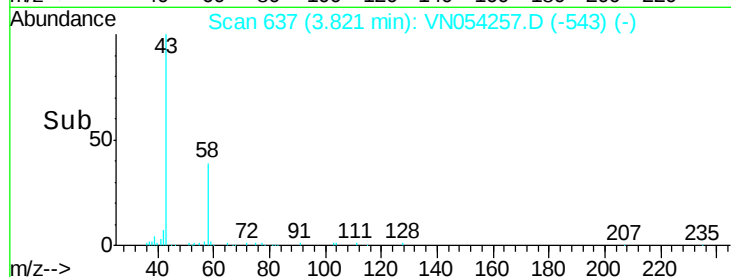
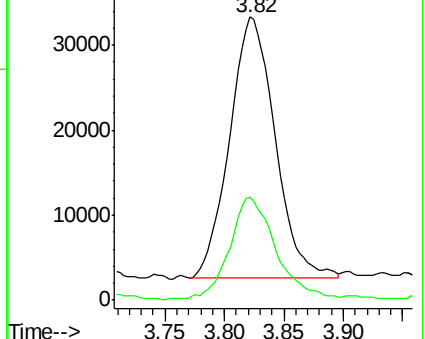
43 100

58 38.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.941 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN054257.D

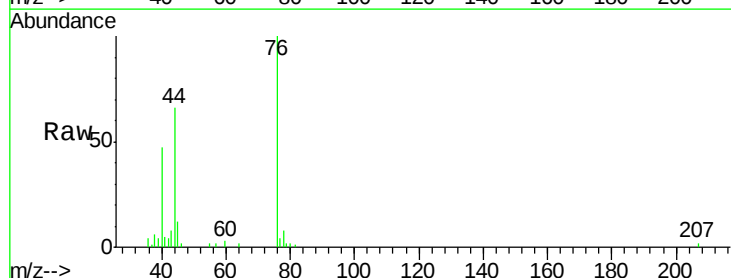
Acq: 14 Mar 2019 13:09

Tgt Ion: 76 Resp: 33498

Ion Ratio Lower Upper

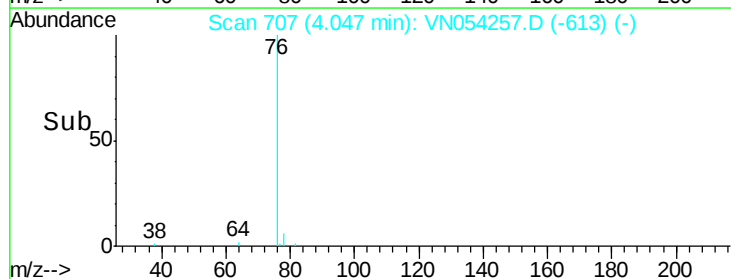
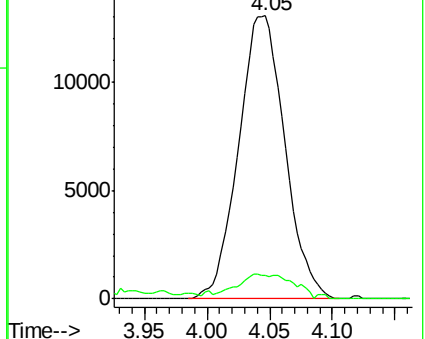
76 100

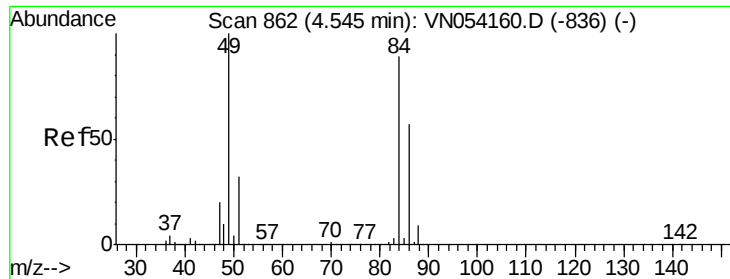
78 8.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

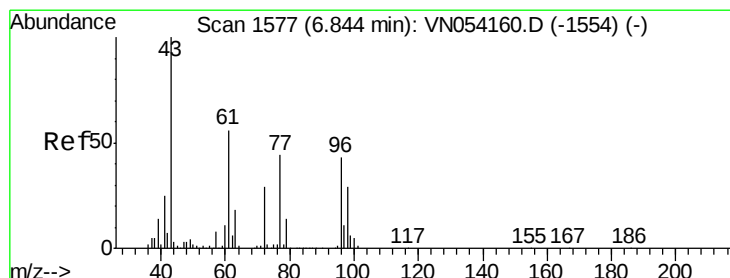
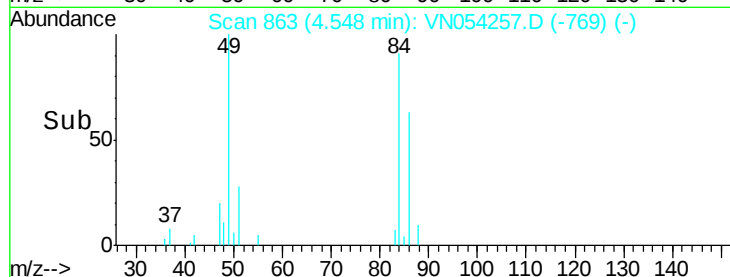
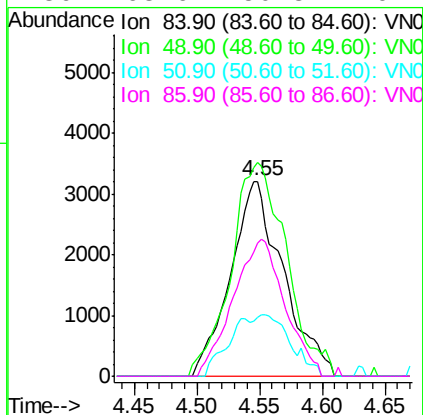
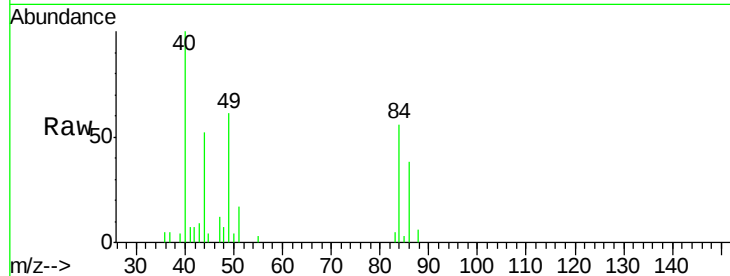




#20
Methvlene Chloride
Concen: 0.683 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

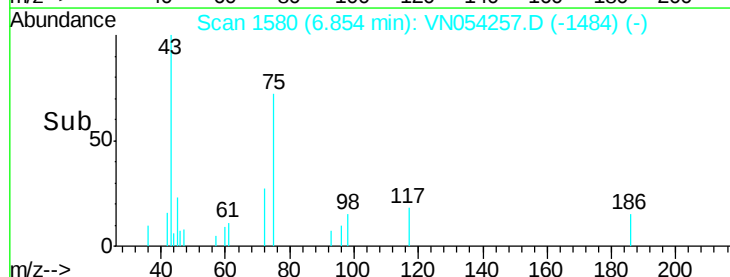
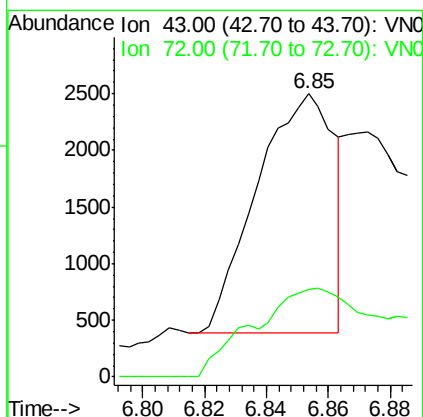
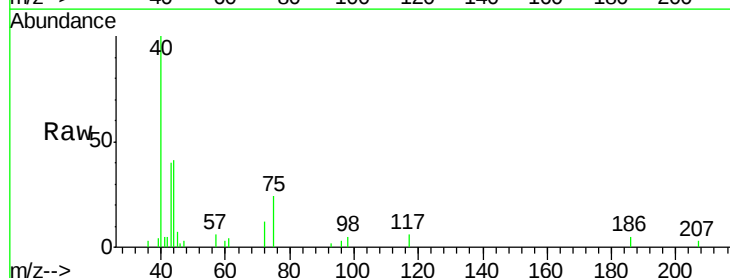
Instrument :
MSVOA_N
ClientSampled :
DRUM-1-4

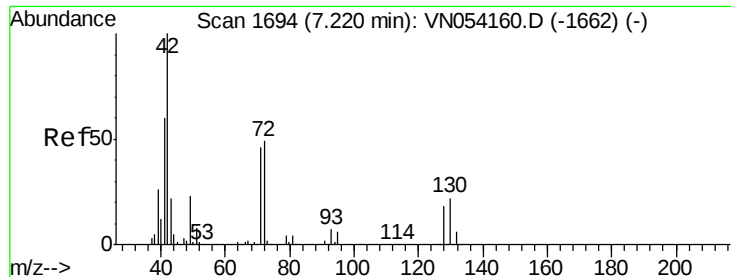
Tot Ion: 84 Resp: 9326
Ion Ratio Lower Upper
84 100
49 109.8 89.7 134.5
51 30.5 28.2 42.4
86 68.6 50.8 76.2



#25
2-Butanone
Concen: 0.751 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

Tgt Ion: 43 Resp: 3662
Ion Ratio Lower Upper
43 100
72 36.7 23.0 34.6#

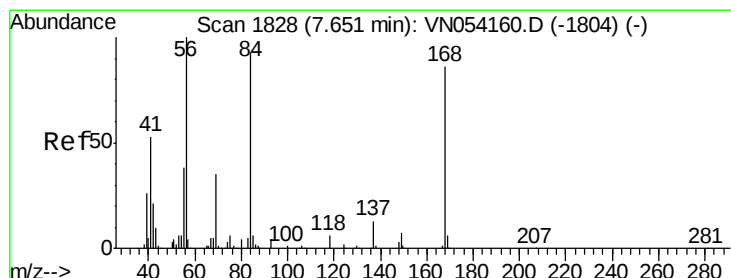
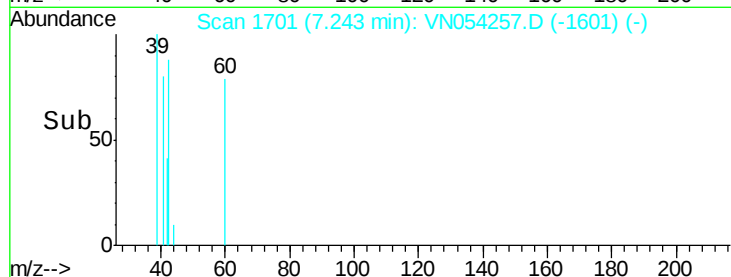
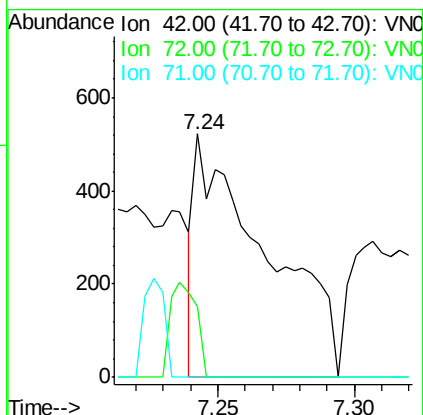
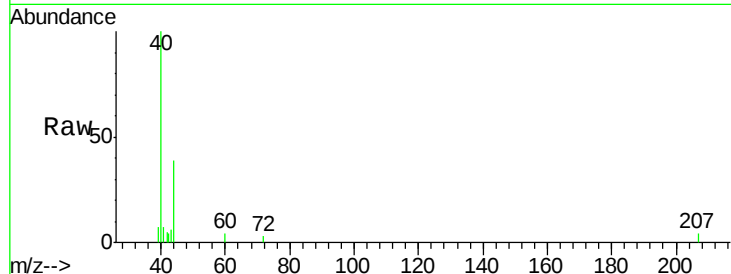




#29
Tetrahydrofuran
Concen: 0.298 ug/l
RT: 7.24 min Scan# 1701
Delta R.T. 0.02 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

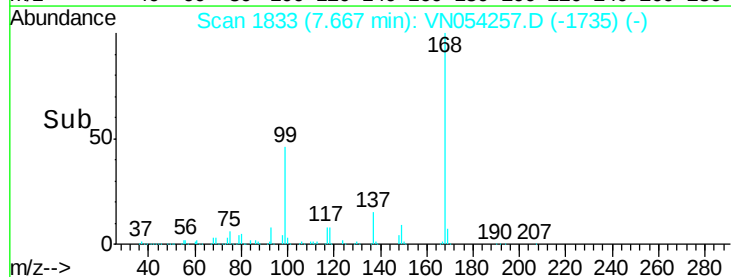
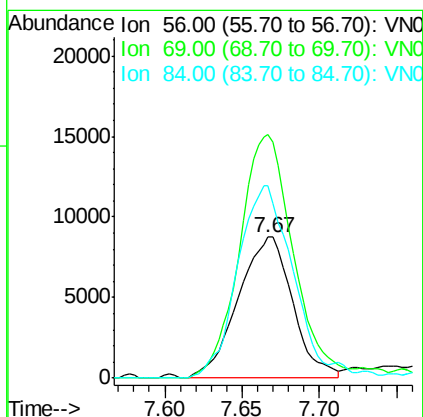
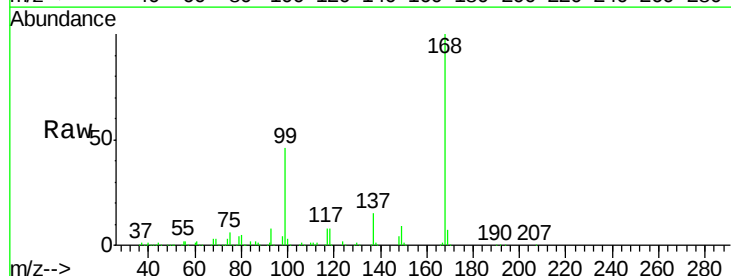
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DRUM-1-4

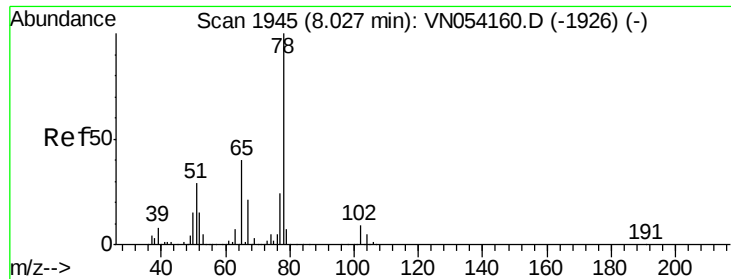
Tot Ion: 42 Resp: 935
Ion Ratio Lower Upper
42 100
72 14.7 37.8 56.6#
71 11.8 36.2 54.2#



#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

Tgt Ion: 56 Resp: 21444
Ion Ratio Lower Upper
56 100
69 172.5 27.8 41.6#
84 135.9 74.6 111.8#

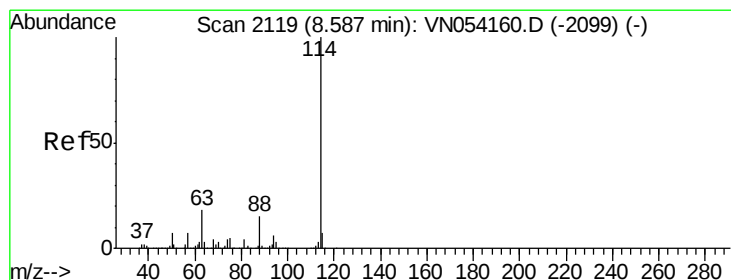
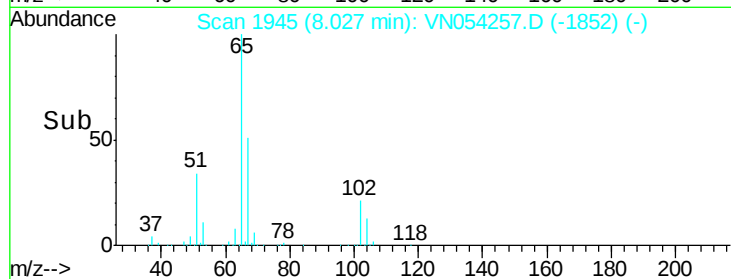
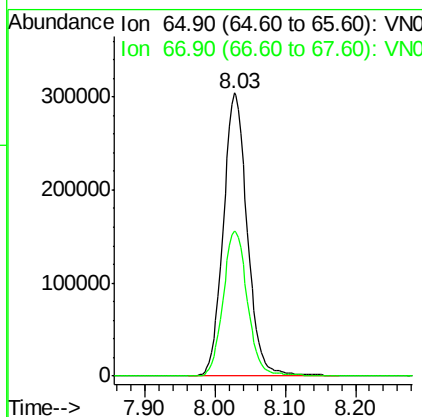
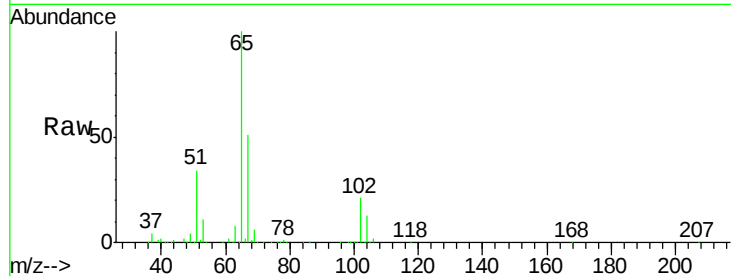




#33
 1,2-Dichloroethane-d4
 Concen: 49.988 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054257.D
 Acq: 14 Mar 2019 13:09

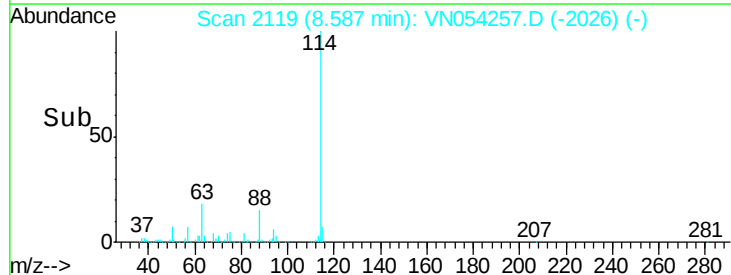
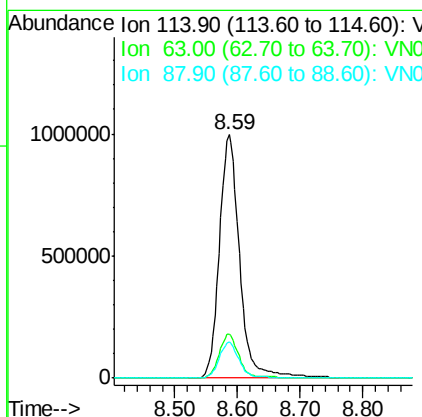
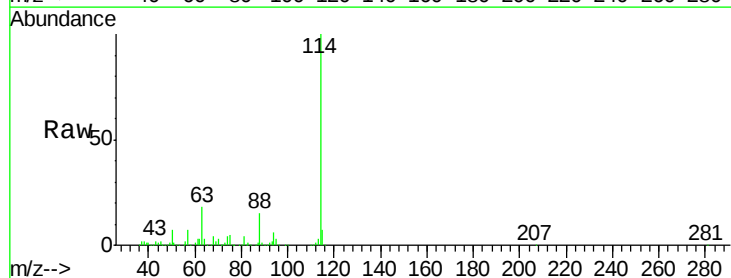
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-4

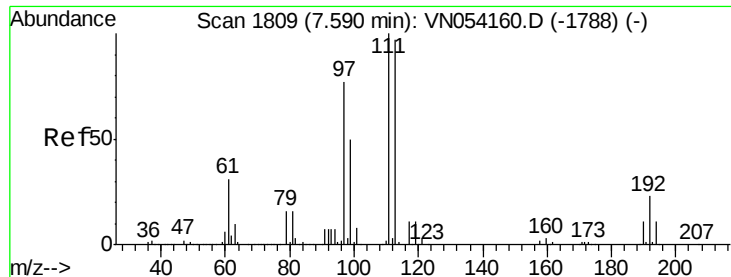
Tot Ion: 65 Resp: 725627
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054257.D
 Acq: 14 Mar 2019 13:09

Tgt Ion: 114 Resp: 2234999
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.2
 88 14.9 0.0 30.2

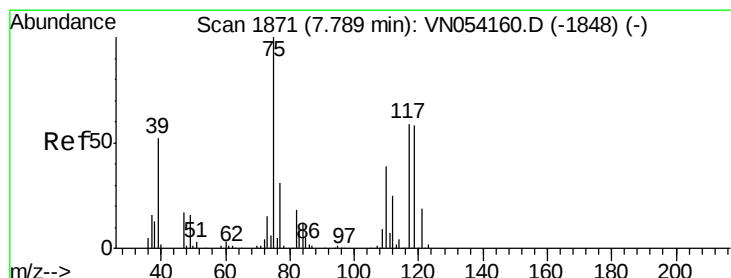
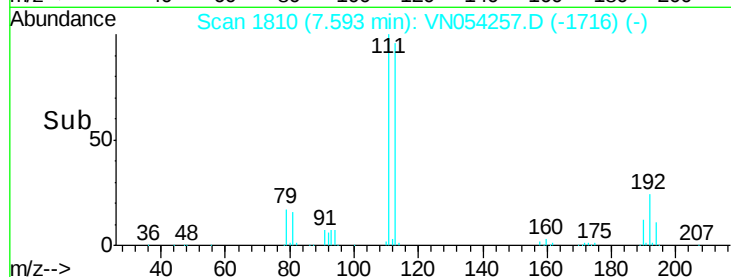
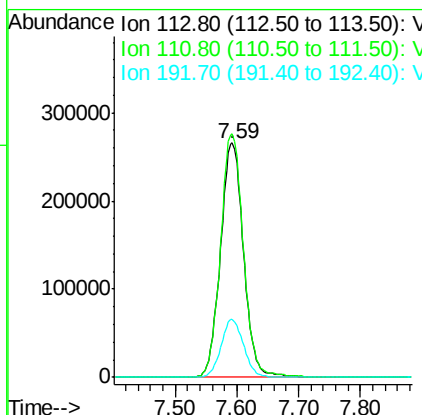
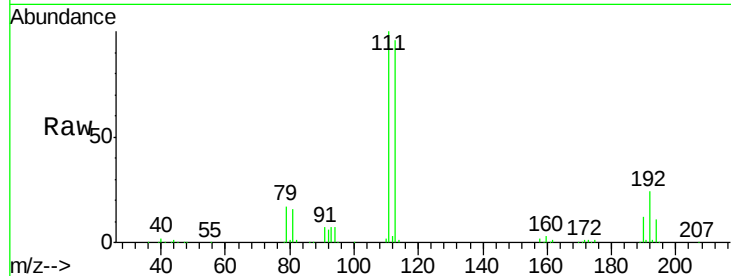




#35
Dibromofluoromethane
Concen: 47.760 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

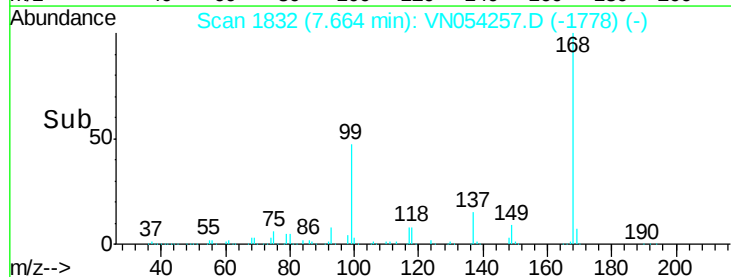
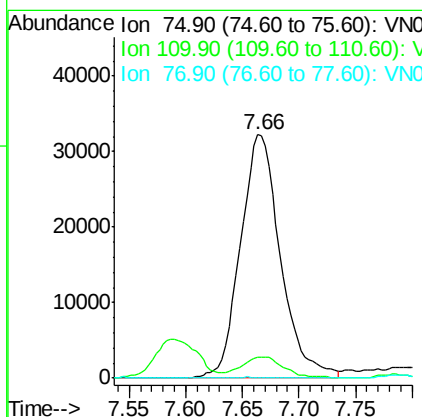
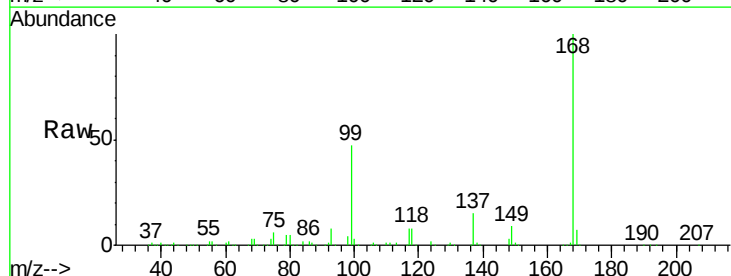
Instrument :
MSVOA_N
ClientSampled :
DRUM-1-4

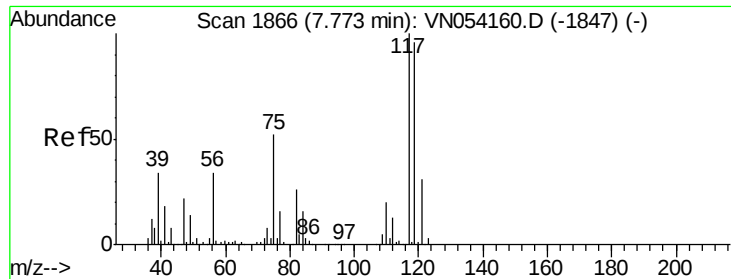
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	24.2	19.2	28.8



#36
1,1-Dichloropropene
Concen: 3.856 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.1	57.5#
77	0.0	25.0	37.4#

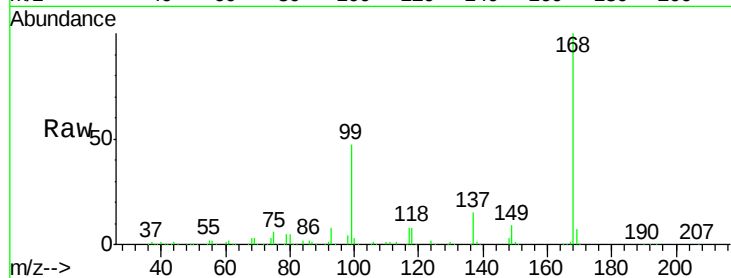




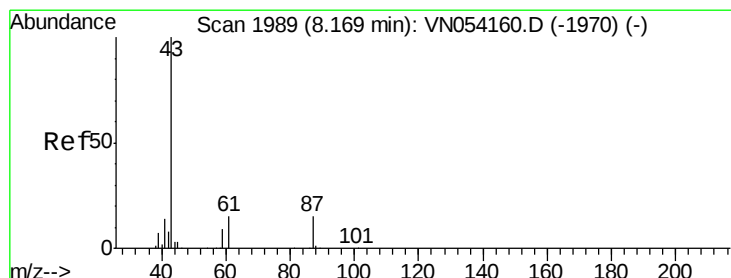
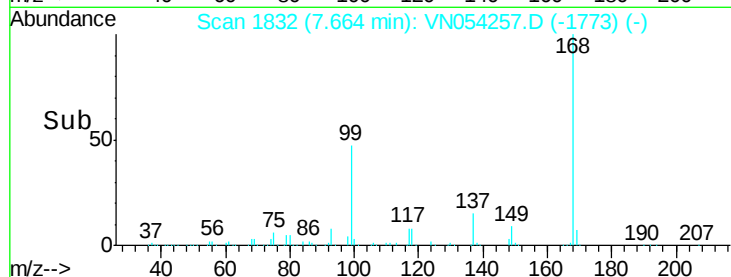
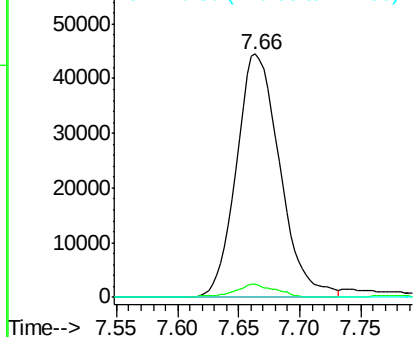
#38
Carbon Tetrachloride
Concen: 5.099 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

Instrument :
MSVOA_N
ClientSampled :
DRUM-1-4

Tot Ion:117 Resp: 110067
Ion Ratio Lower Upper
117 100
119 5.4 76.3 114.5#
121 0.0 24.6 36.8#

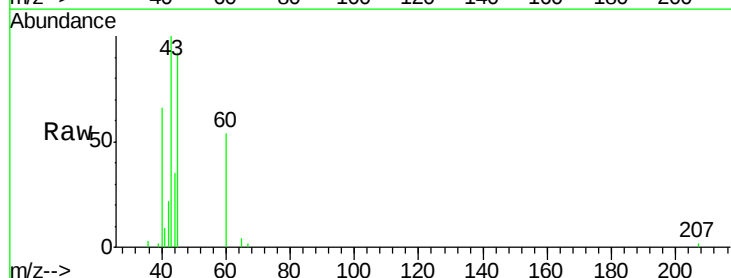


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

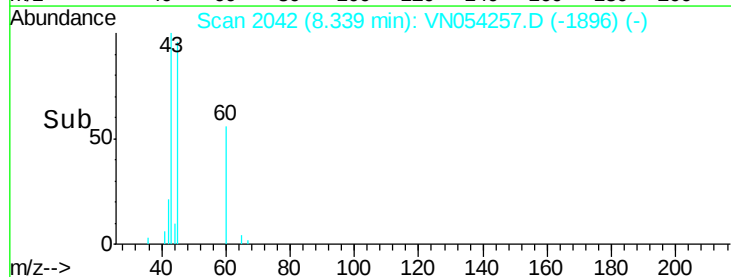
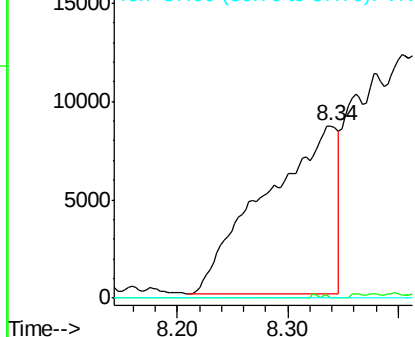


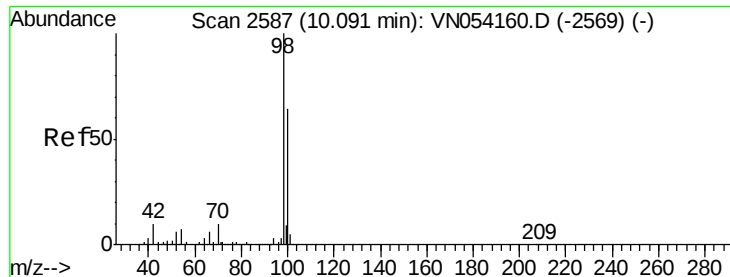
#43
Isopropyl Acetate
Concen: 1.873 ug/l
RT: 8.34 min Scan# 2042
Delta R.T. 0.17 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

Tgt Ion: 43 Resp: 38881
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.8#
87 0.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 52.212 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

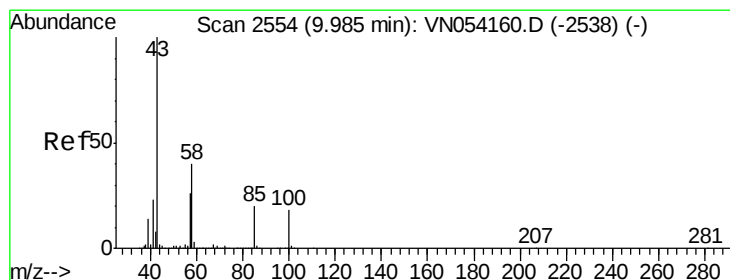
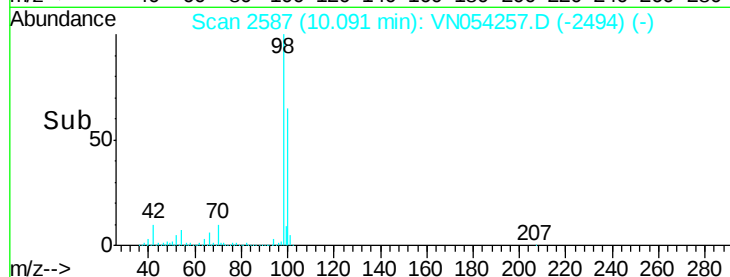
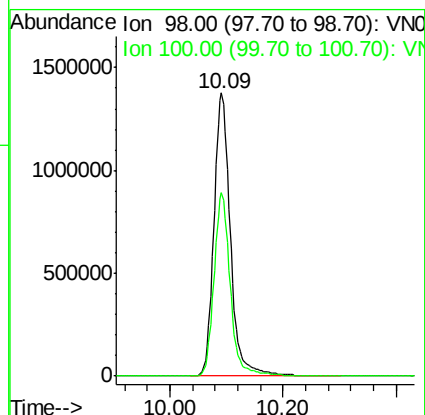
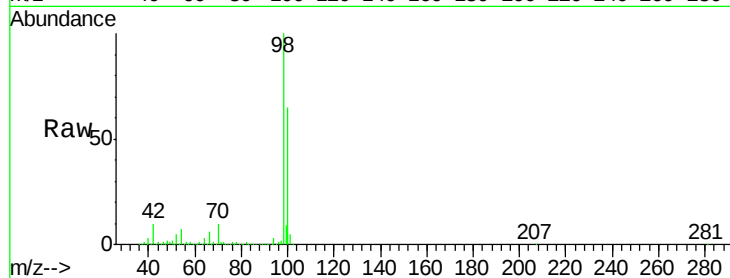
DRUM-1-4

Tot Ion: 98 Resp: 2779544

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 0.972 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN054257.D

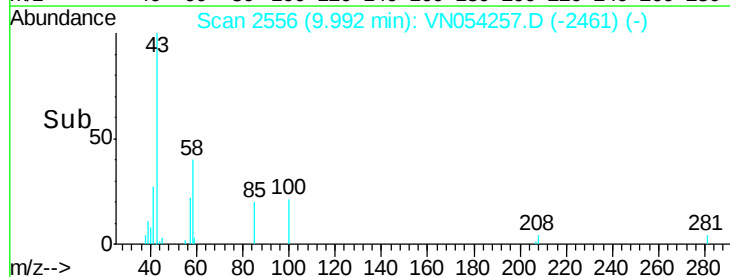
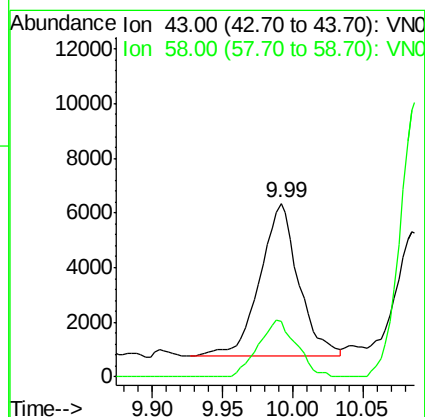
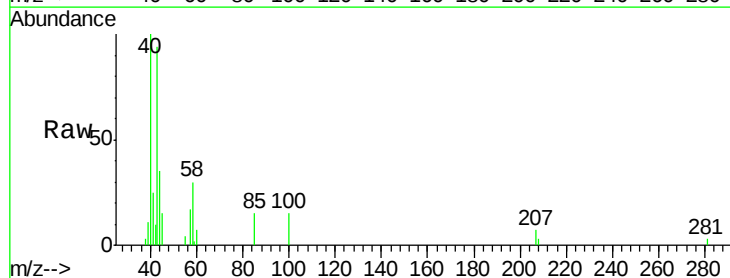
Acq: 14 Mar 2019 13:09

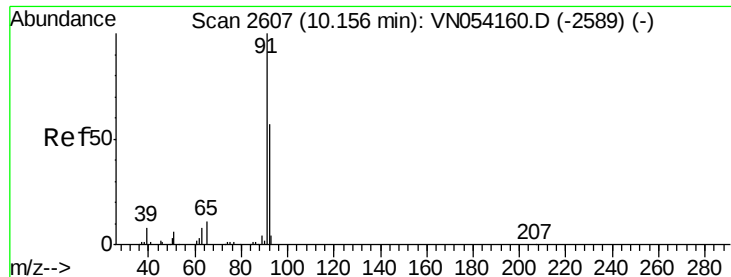
Tgt Ion: 43 Resp: 10680

Ion Ratio Lower Upper

43 100

58 36.9 31.8 47.6





#52

Toluene

Concen: 4.382 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampled :

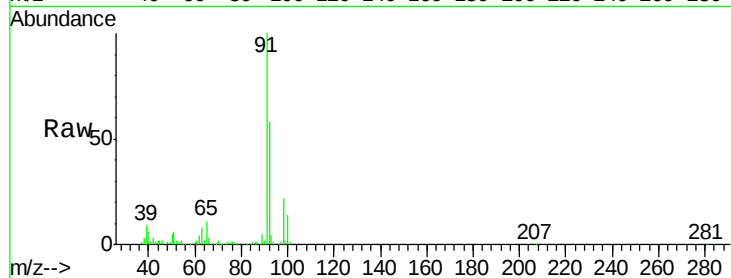
DRUM-1-4

Tot Ion: 92 Resp: 163656

Ion Ratio Lower Upper

92 100

91 177.3 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

150000

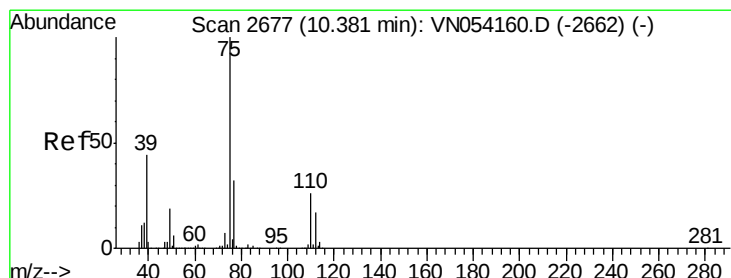
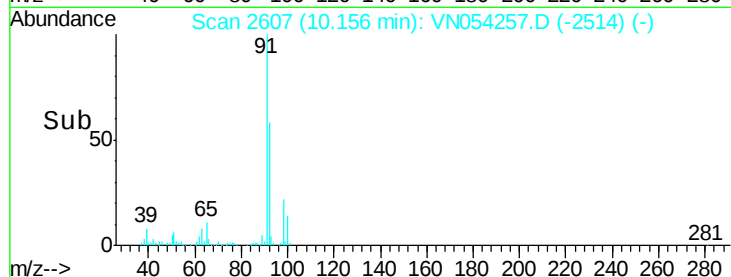
100000

50000

0

10.10 10.15 10.20

Time-->



#53

t-1,3-Dichloropropene

Concen: 2.020 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054257.D

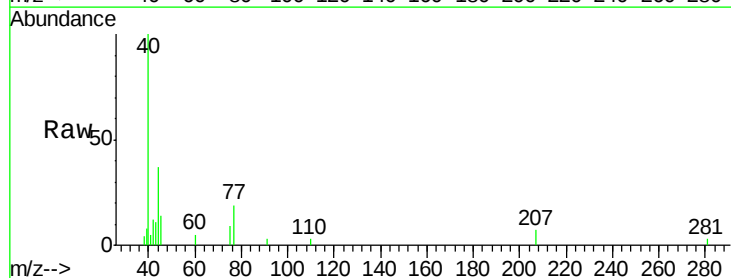
Acq: 14 Mar 2019 13:09

Tgt Ion: 75 Resp: 815

Ion Ratio Lower Upper

75 100

77 61.3 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

2000

1500

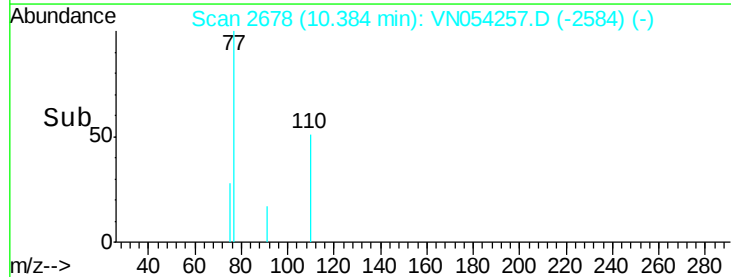
1000

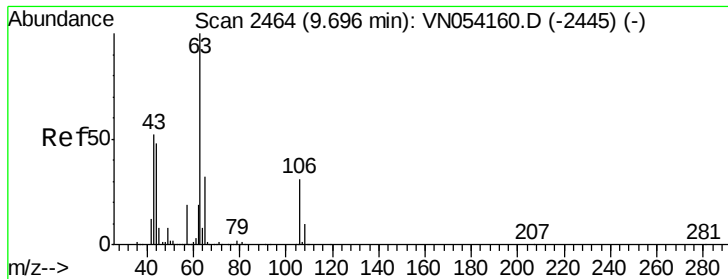
500

0

10.35 10.40

Time-->

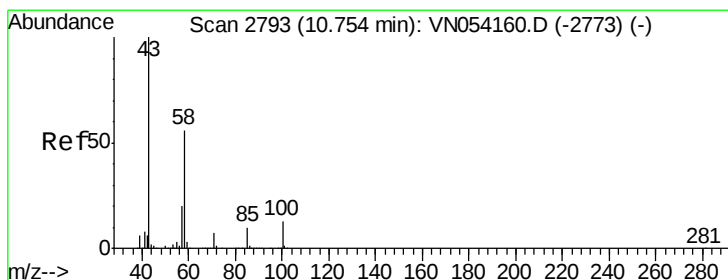
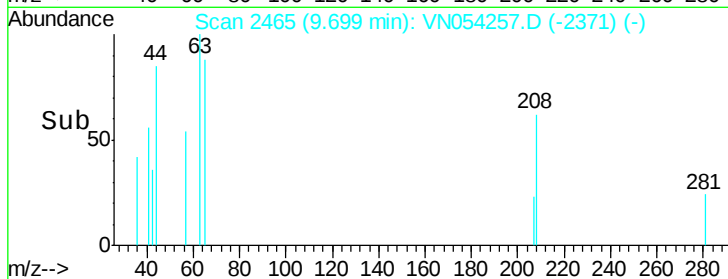
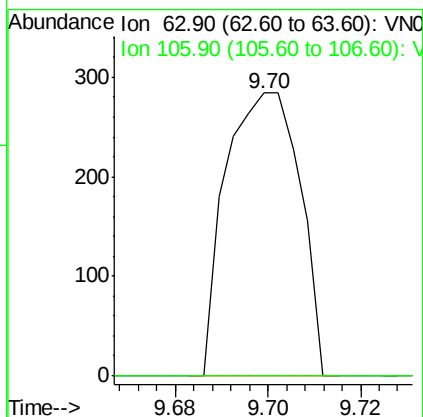
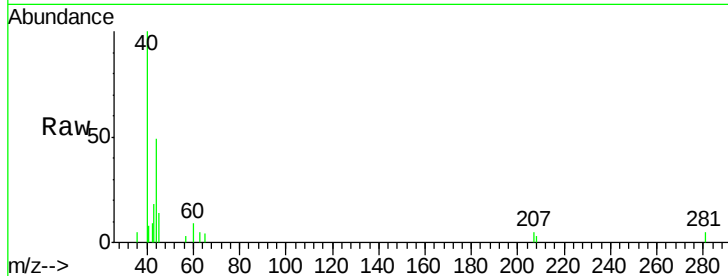




#58
 2-Chloroethyl Vinyl ether
 Concen: 16.870 ug/l
 RT: 9.70 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN054257.D
 Acq: 14 Mar 2019 13:09

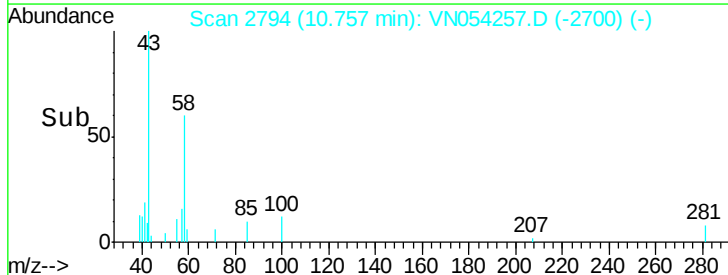
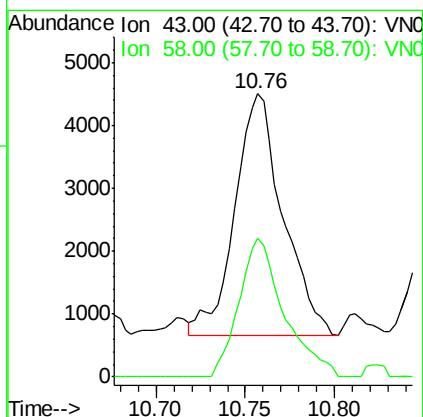
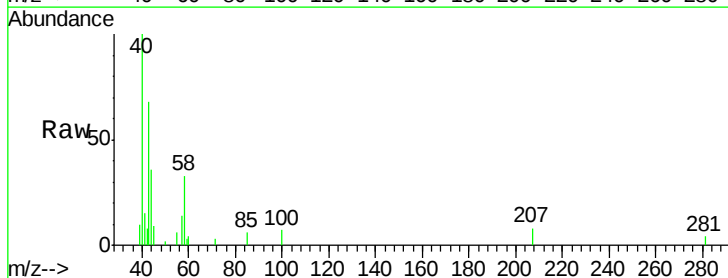
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-4

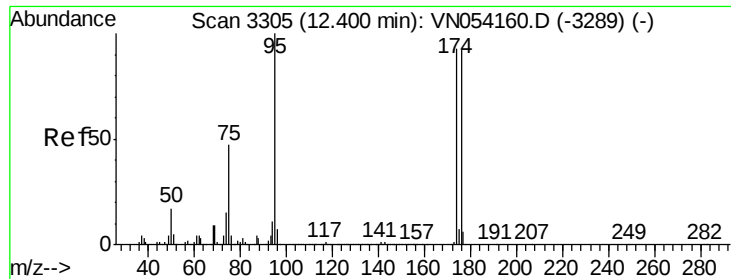
Tot Ion: 63 Resp: 316
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.4 36.6#



#59
 2-Hexanone
 Concen: 0.990 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: VN054257.D
 Acq: 14 Mar 2019 13:09

Tgt Ion: 43 Resp: 7235
 Ion Ratio Lower Upper
 43 100
 58 53.7 28.0 83.9





#62

4-Bromofluorobenzene

Concen: 56.518 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampled :

DRUM-1-4

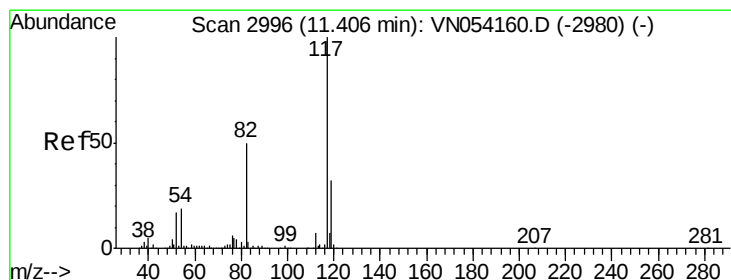
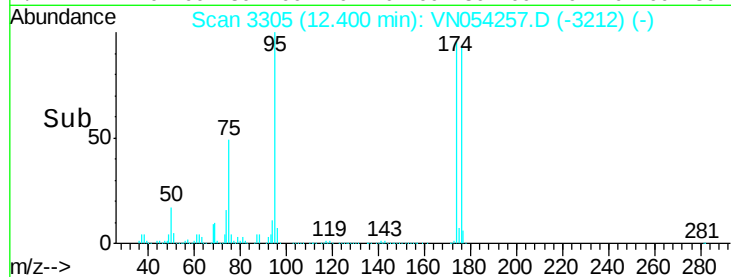
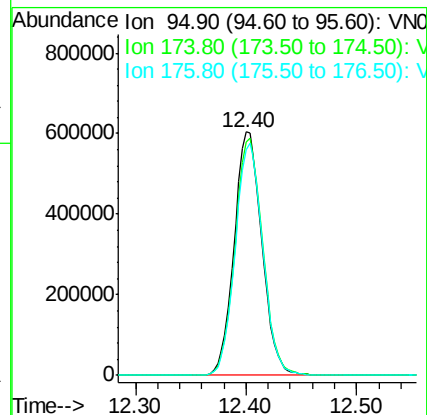
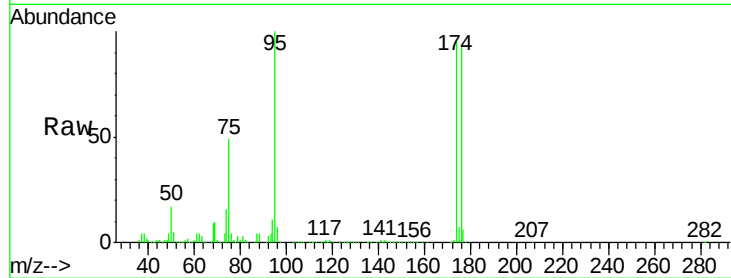
Tot Ion: 95 Resp: 1052780

Ion Ratio Lower Upper

95 100

174 97.3 0.0 191.0

176 94.9 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

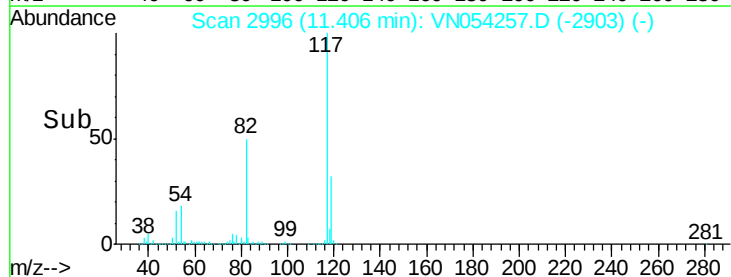
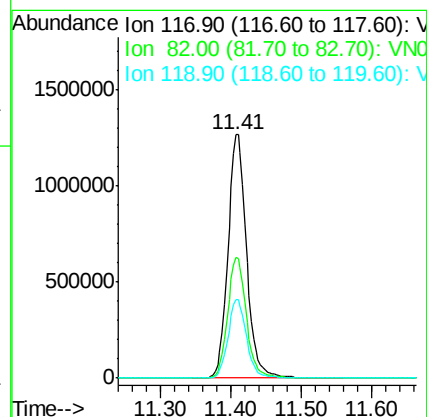
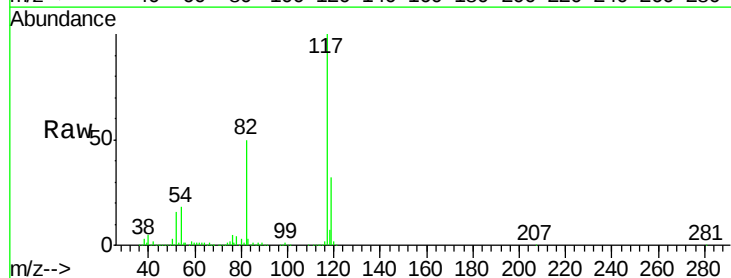
Tgt Ion: 117 Resp: 2332697

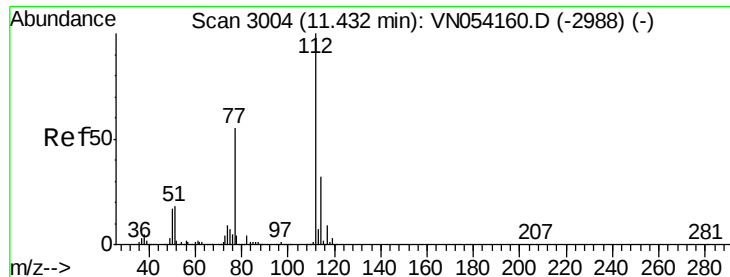
Ion Ratio Lower Upper

117 100

82 49.8 40.0 60.0

119 32.1 25.8 38.6





#65

Chlorobenzene

Concen: 0.344 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampled :

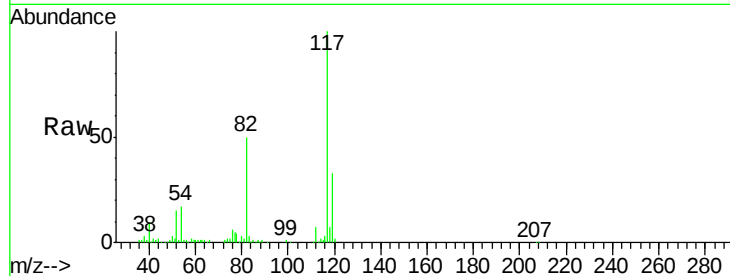
DRUM-1-4

Tot Ion:112 Resp: 17643

Ion Ratio Lower Upper

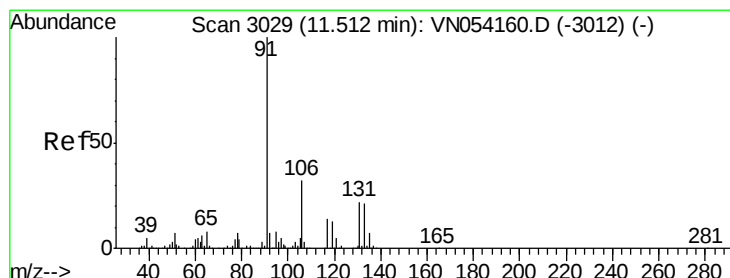
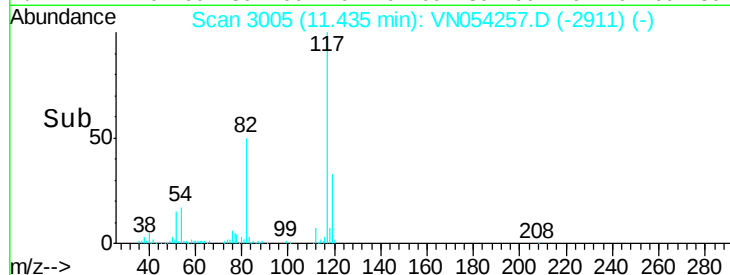
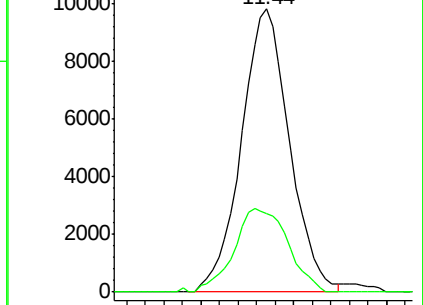
112 100

114 27.6 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 0.984 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN054257.D

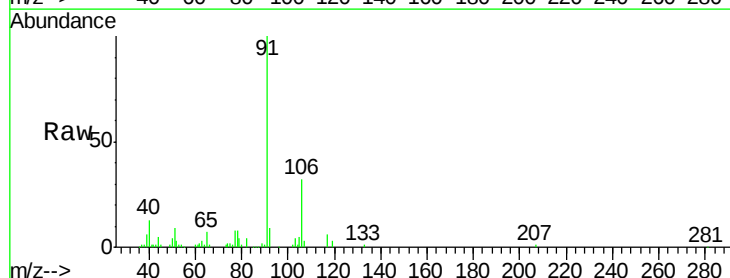
Acq: 14 Mar 2019 13:09

Tgt Ion: 91 Resp: 83545

Ion Ratio Lower Upper

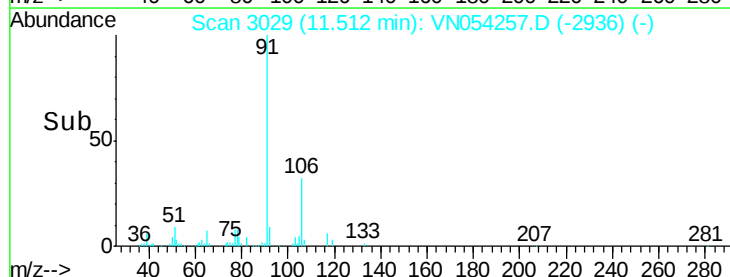
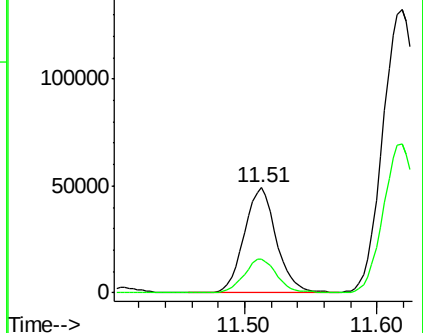
91 100

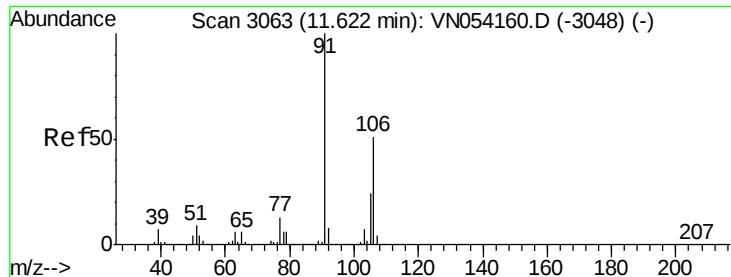
106 32.4 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

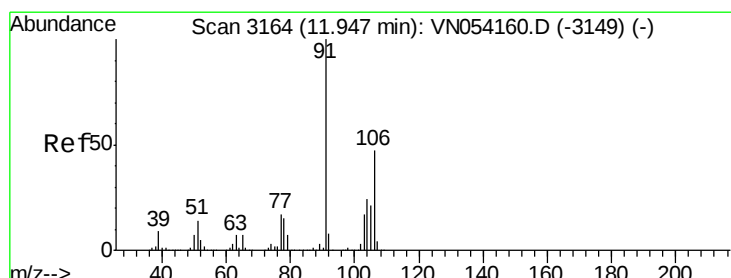
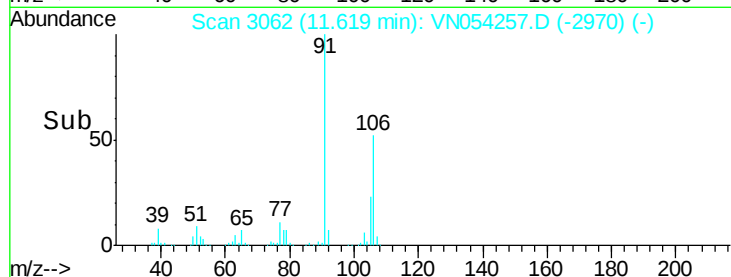
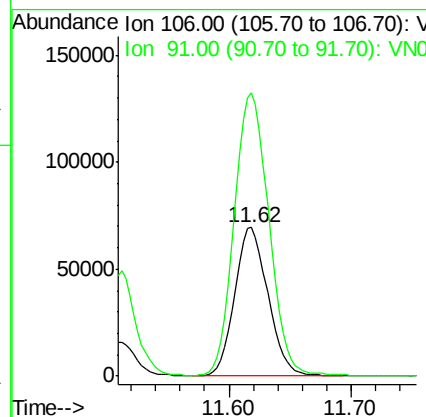
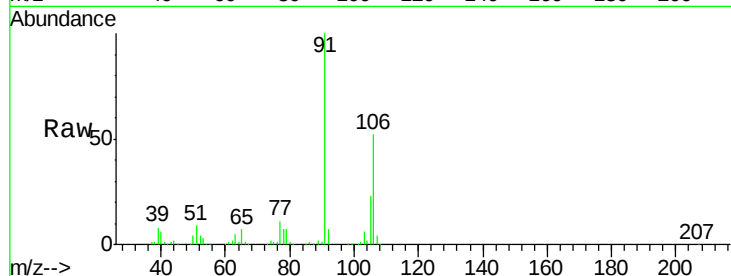




#68
m/p-Xylenes
Concen: 3.988 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

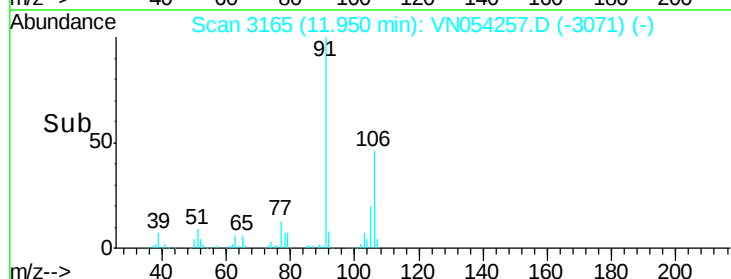
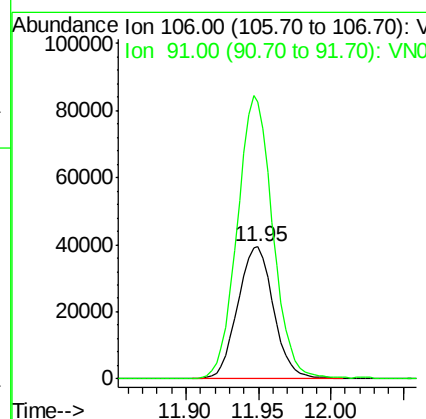
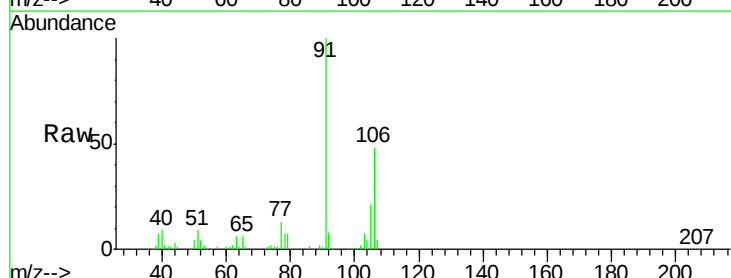
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-4

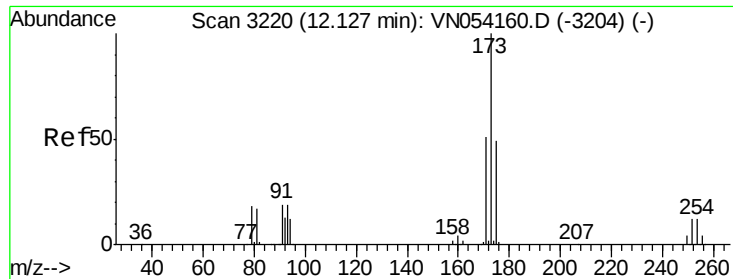
Tot Ion:106 Resp: 132337
Ion Ratio Lower Upper
106 100
91 197.2 159.4 239.2



#69
o-Xylene
Concen: 2.096 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

Tgt Ion:106 Resp: 67792
Ion Ratio Lower Upper
106 100
91 211.8 105.7 317.1





#71

Bromoform

Concen: 2.376 ug/l

RT: 12.12 min Scan# 3217

Delta R.T. -0.01 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-4

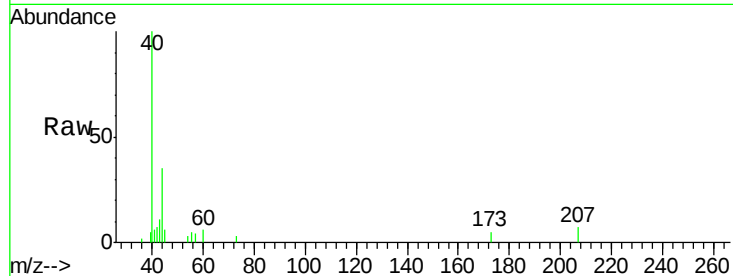
Tot Ion:173 Resp: 378

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.2#

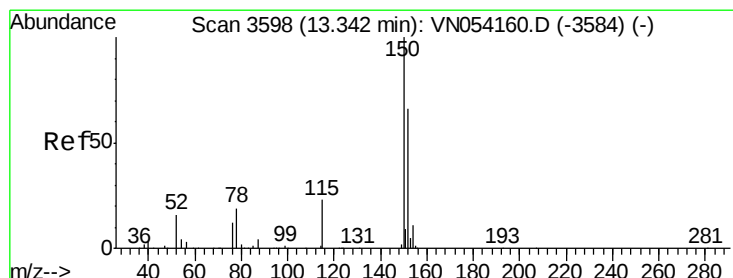
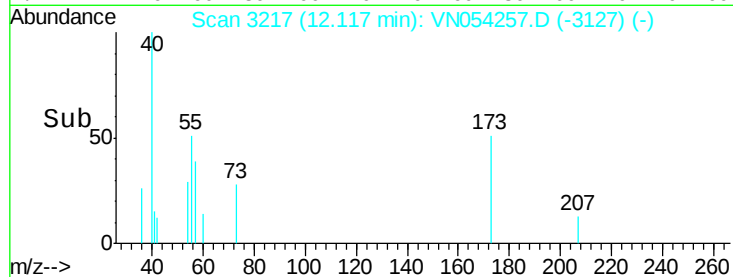
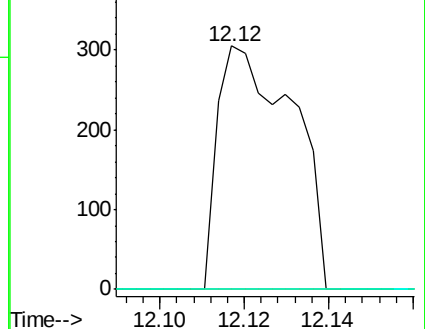
254 0.0 0.1 0.1#



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: VN054257.D

Acq: 14 Mar 2019 13:09

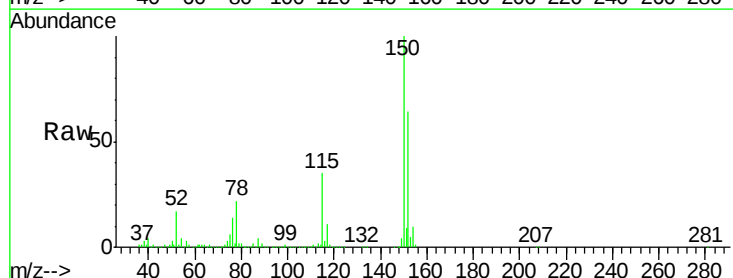
Tgt Ion:152 Resp: 1002527

Ion Ratio Lower Upper

152 100

115 54.9 27.2 81.6

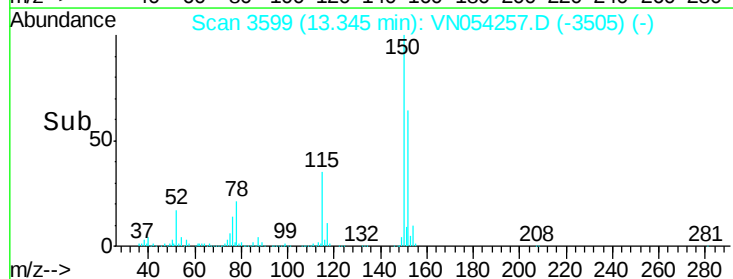
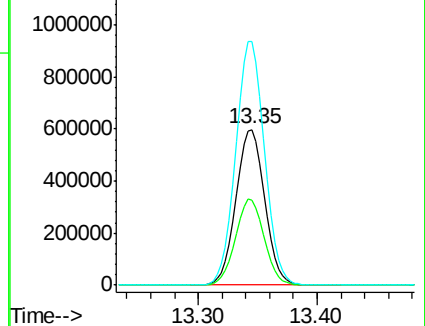
150 156.3 0.0 349.2

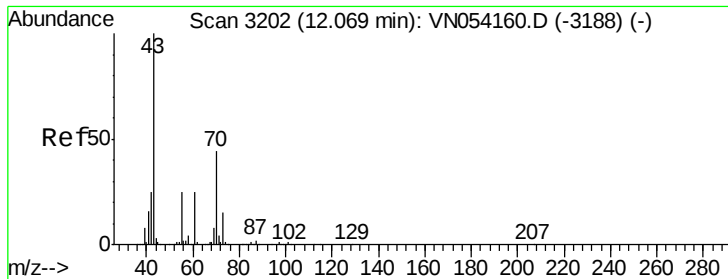


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.347 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampled :

DRUM-1-4

Tot Ion: 43 Resp: 6181

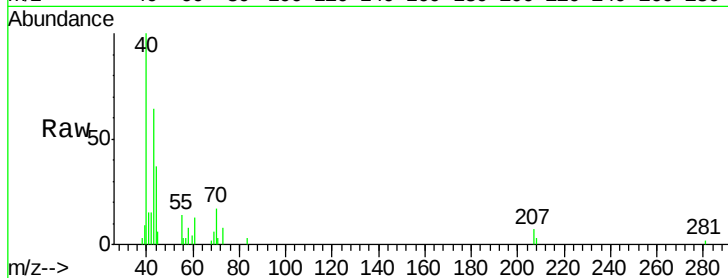
Ion Ratio Lower Upper

43 100

70 37.7 35.4 53.0

55 9.9 19.8 29.6#

61 24.6 19.8 29.6

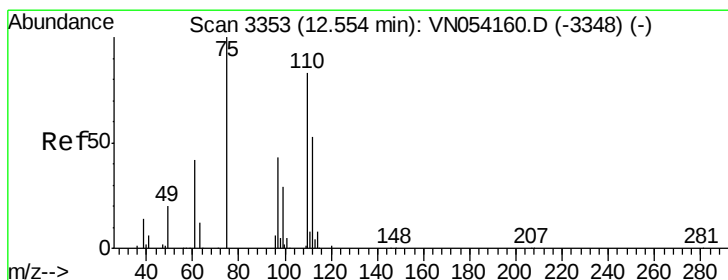
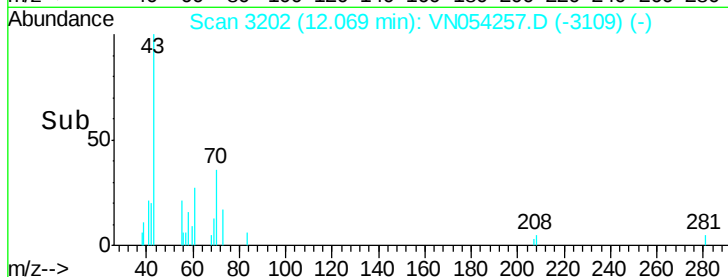
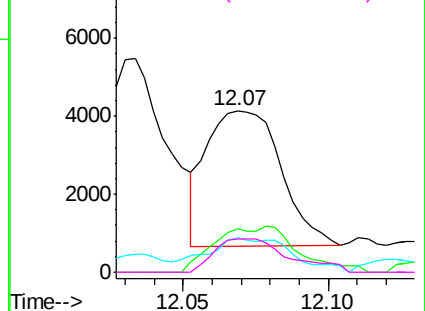


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#76

1,2,3-Trichloropropane

Concen: 34.488 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054257.D

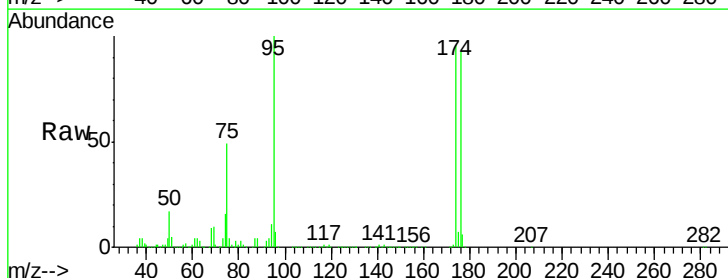
Acq: 14 Mar 2019 13:09

Tgt Ion: 75 Resp: 508439

Ion Ratio Lower Upper

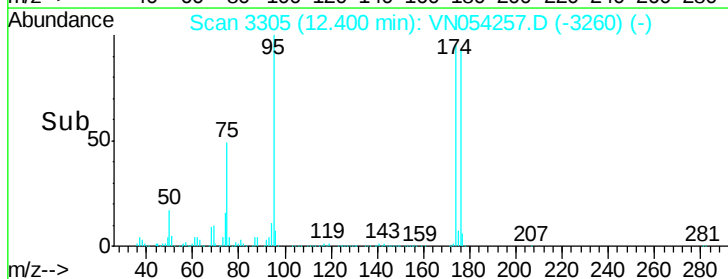
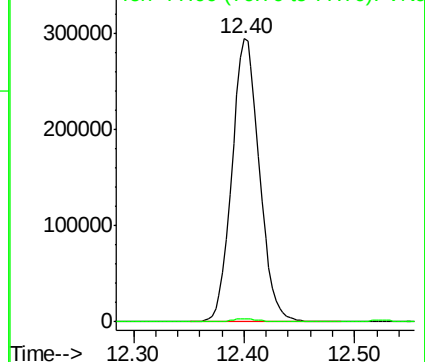
75 100

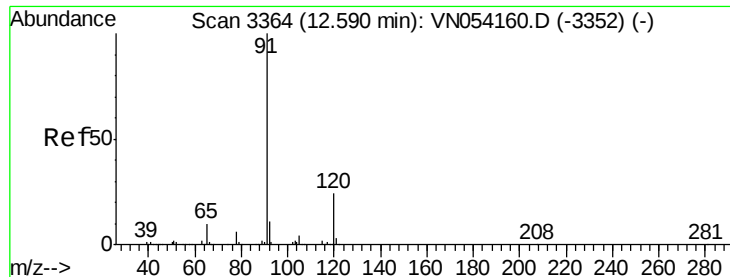
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.248 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampled :

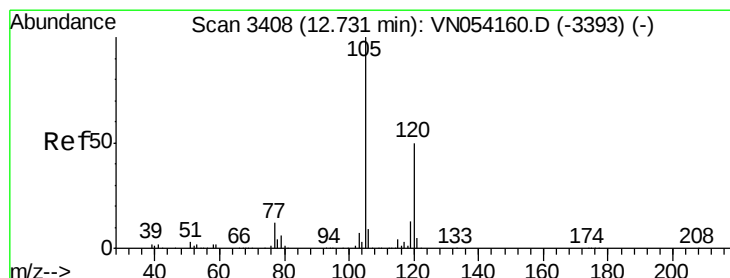
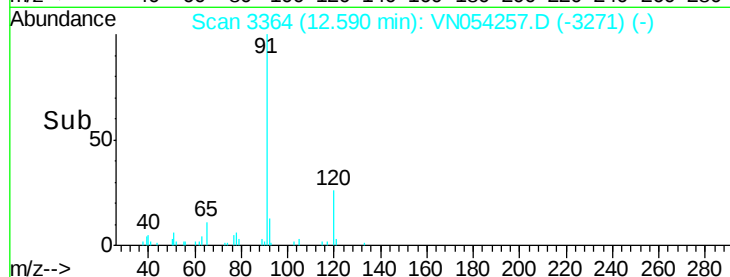
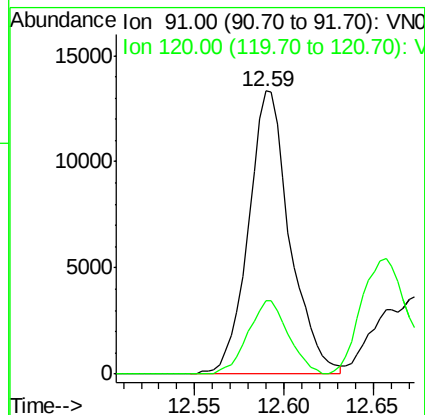
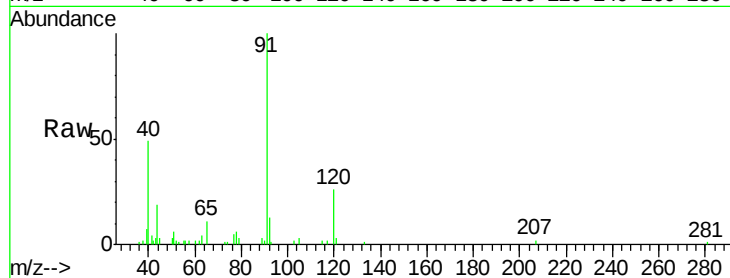
DRUM-1-4

Tot Ion: 91 Resp: 21617

Ion Ratio Lower Upper

91 100

120 25.2 12.3 36.9



#80

1,3,5-Trimethylbenzene

Concen: 0.345 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054257.D

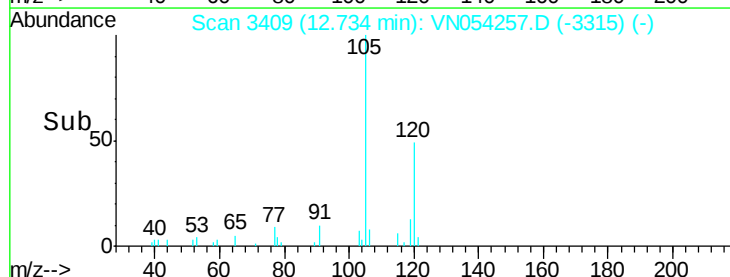
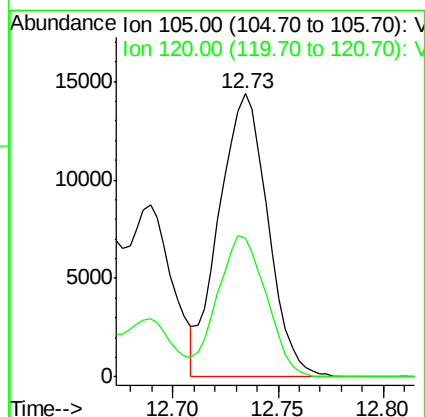
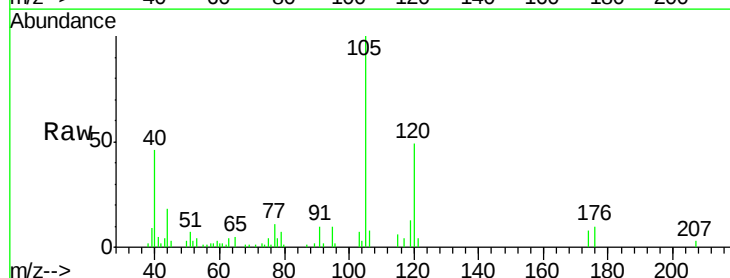
Acq: 14 Mar 2019 13:09

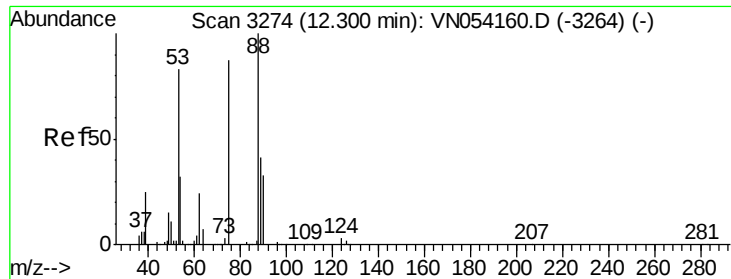
Tgt Ion: 105 Resp: 23047

Ion Ratio Lower Upper

105 100

120 50.0 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 117.894 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-4

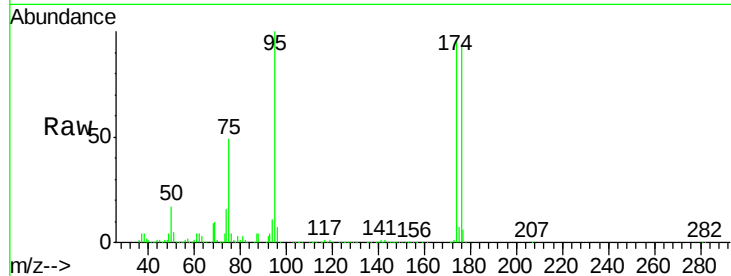
Tot Ion: 75 Resp: 508439

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

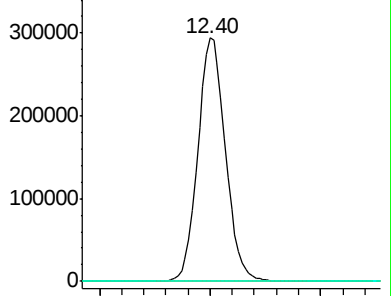
89 0.0 39.2 58.8#



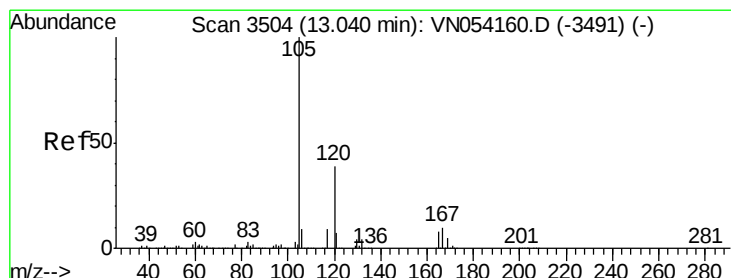
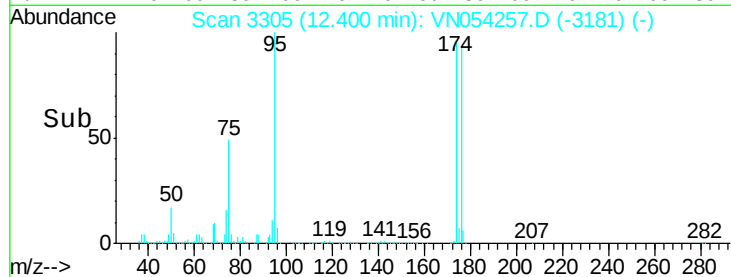
Abundance Ion 74.90 (74.60 to 75.60): VN054257.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN054257.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN054257.D (-3305) (-)



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 0.983 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054257.D

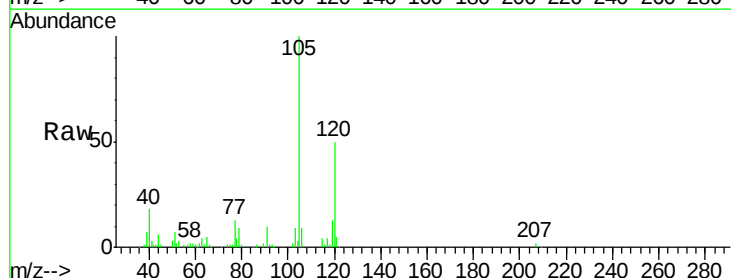
Acq: 14 Mar 2019 13:09

Tgt Ion: 105 Resp: 64309

Ion Ratio Lower Upper

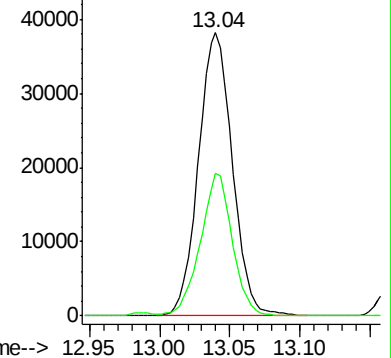
105 100

120 47.3 23.4 70.3

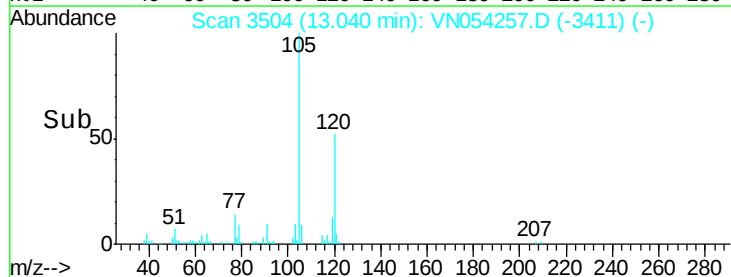


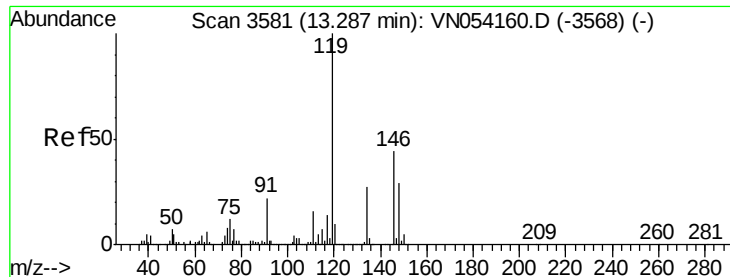
Abundance Ion 105.00 (104.70 to 105.70): VN054257.D (-3504) (-)

Ion 120.00 (119.70 to 120.70): VN054257.D (-3504) (-)



Time-->





#86

p-Isopropyltoluene

Concen: 0.331 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-4

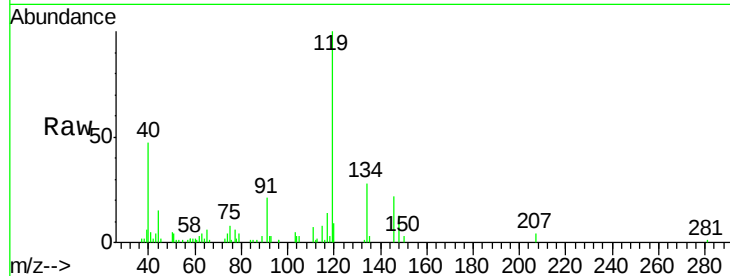
Tot Ion:119 Resp: 23134

Ion Ratio Lower Upper

119 100

134 28.6 13.6 40.8

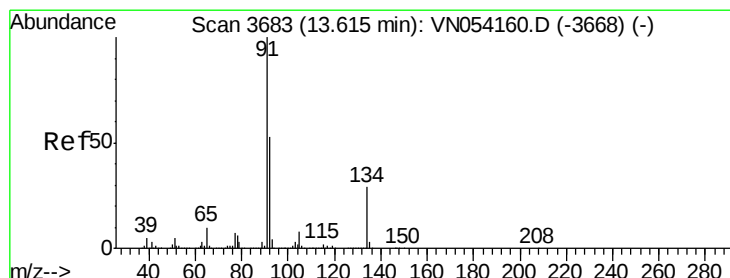
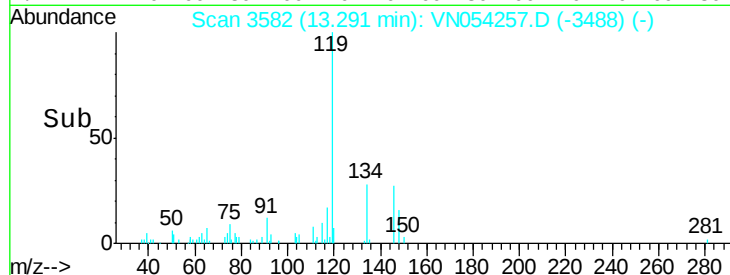
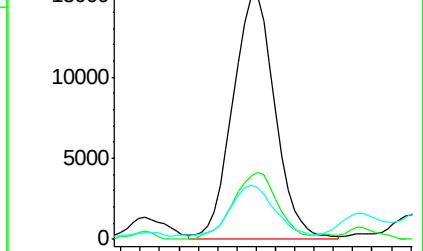
91 21.1 11.1 33.3



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: 0.303 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

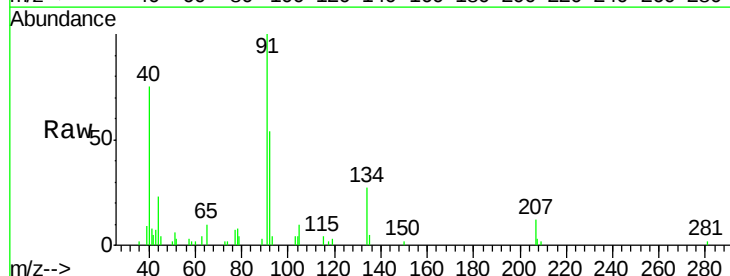
Tgt Ion: 91 Resp: 16070

Ion Ratio Lower Upper

91 100

92 50.0 26.2 78.6

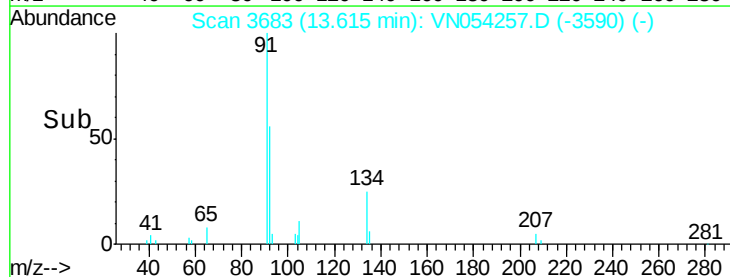
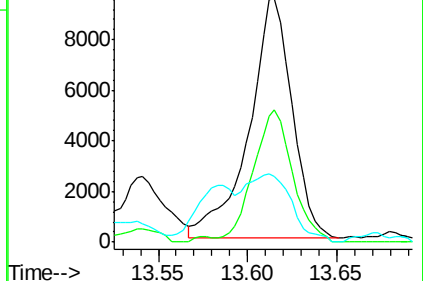
134 28.8 14.3 42.9

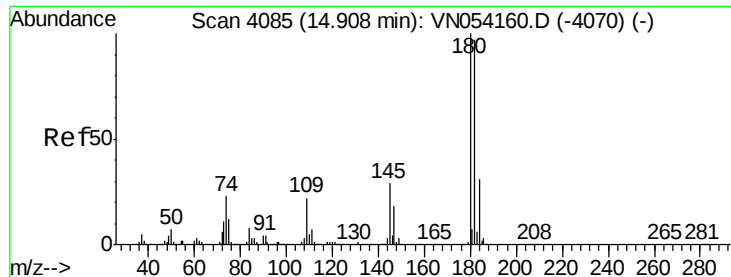


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#93

1,2,4-Trichlorobenzene

Concen: 3.002 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-4

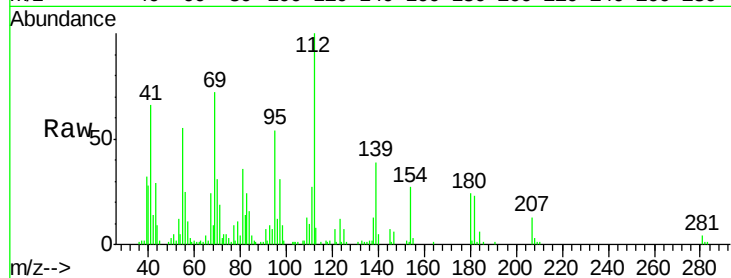
Tot Ion:180 Resp: 10797

Ion Ratio Lower Upper

180 100

182 96.6 48.0 144.2

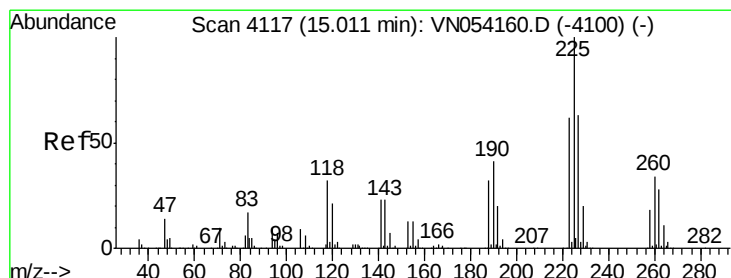
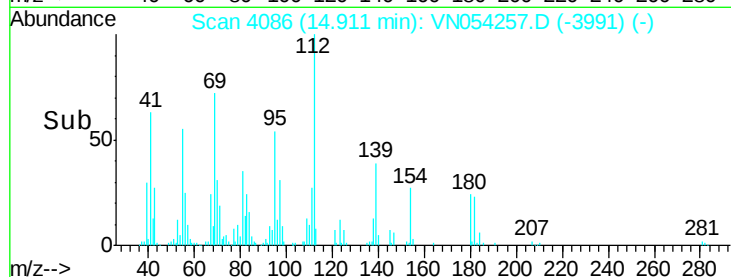
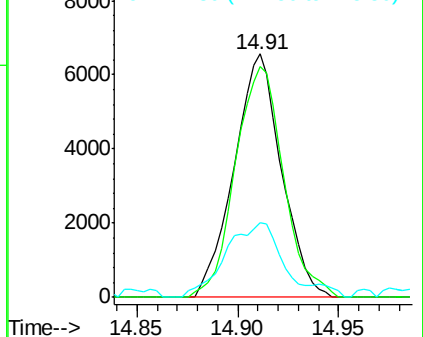
145 35.5 14.2 42.8



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: 0.394 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. -0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

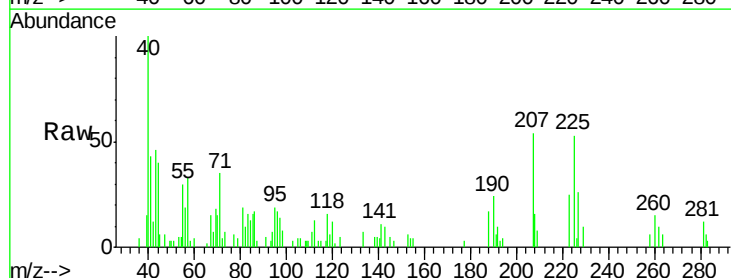
Tgt Ion:225 Resp: 5251

Ion Ratio Lower Upper

225 100

223 48.9 31.1 93.5

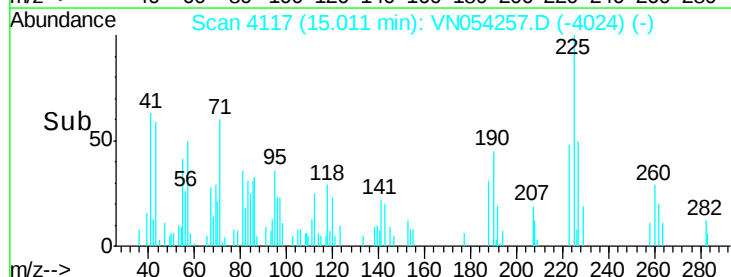
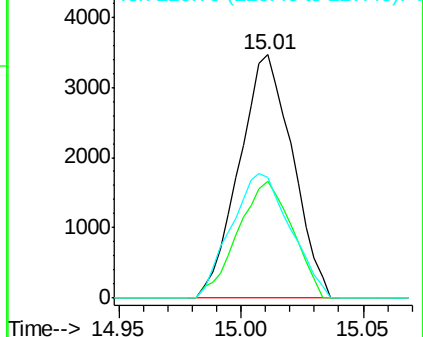
227 56.6 31.9 95.9

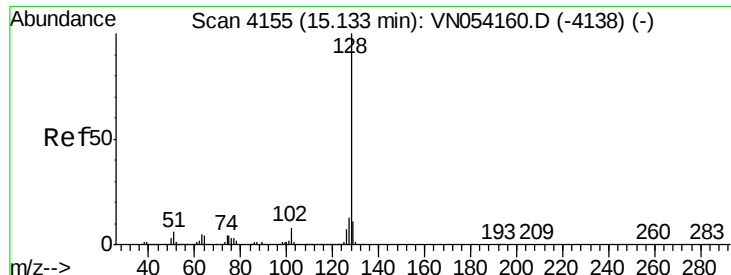


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

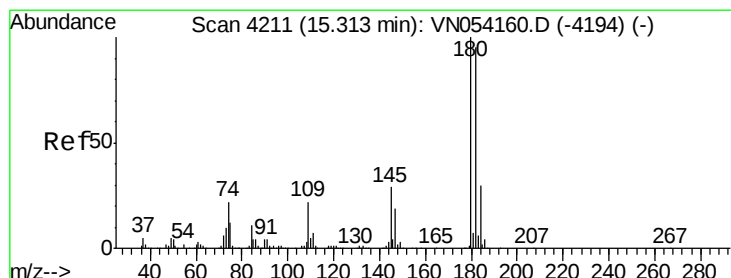
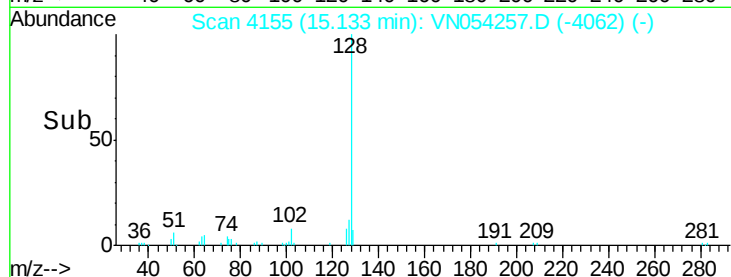
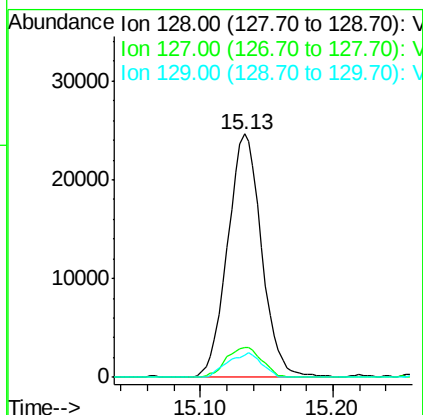
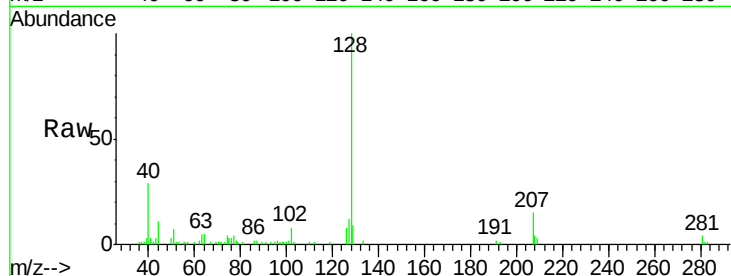




#95
Naphthalene
Concen: 4.398 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-4

Tot Ion:128 Resp: 43862
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 9.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.627 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

Tgt Ion:180 Resp: 11644
Ion Ratio Lower Upper
180 100
182 105.2 47.5 142.6
145 37.0 14.8 44.3

