

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031419\
 Data File : VN054303.D
 Acq On : 15 Mar 2019 10:57
 Operator : JC/SP
 Sample : K1902-14 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30296-97-30304-05-06

Quant Time: Mar 15 11:17:33 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	1371750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2376494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2463112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1018173	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	732742	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
35) Dibromofluoromethane	7.59	113	720340	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
50) Toluene-d8	10.09	98	2913819	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.40	95	1107991	55.94	ug/l	0.00
Spiked Amount			Recovery	=	111.88%	

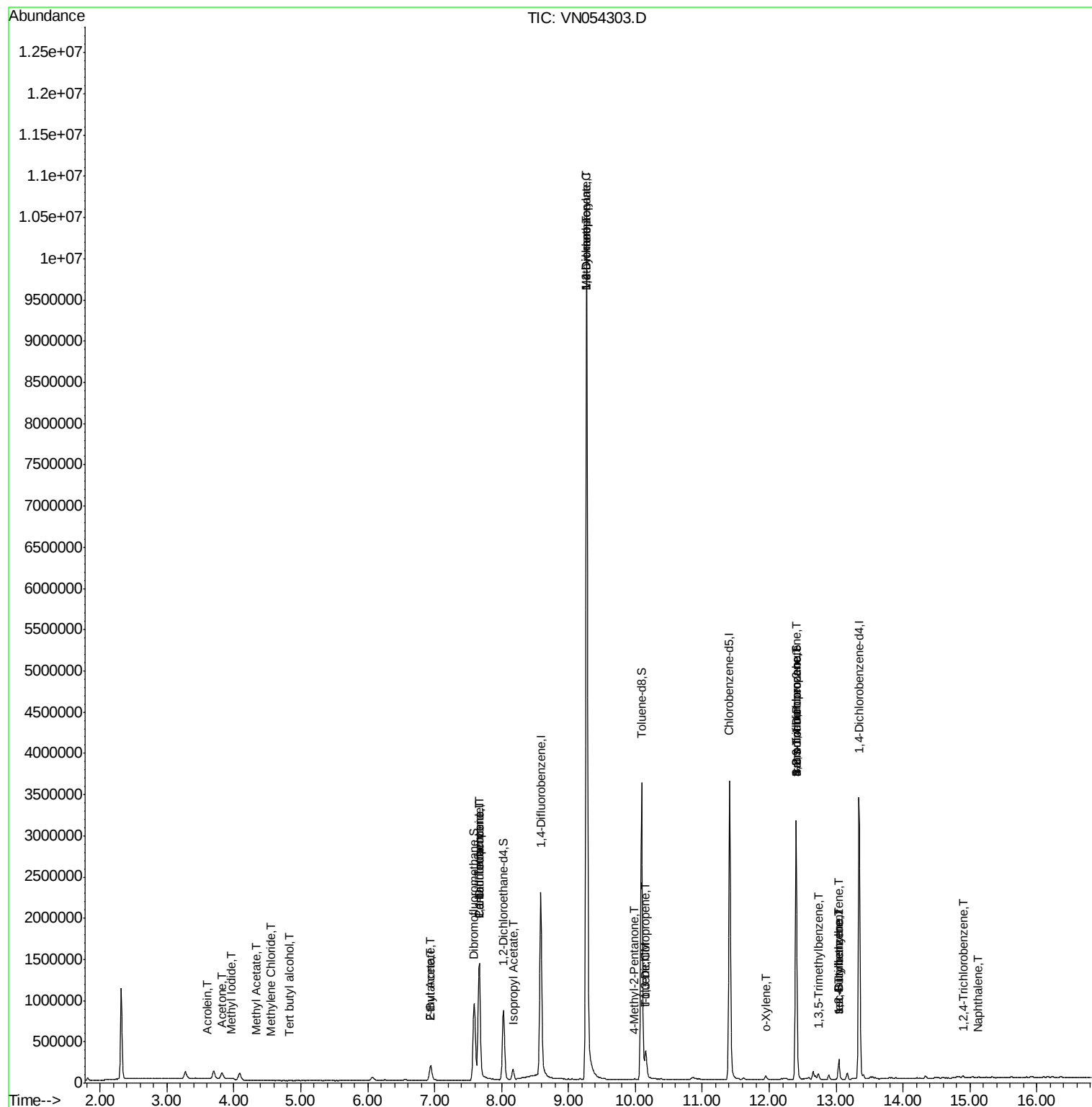
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.95	142	341	1.513	ug/l #	45
11) Tert butyl alcohol	4.82	59	1293	1.295	ug/l #	70
13) Acrolein	3.61	56	2141	2.262	ug/l	100
16) Acetone	3.82	43	115455	27.679	ug/l	98
18) Methyl Acetate	4.33	43	11783	1.396	ug/l #	87
20) Methylene Chloride	4.55	84	3546	0.259	ug/l #	77
25) 2-Butanone	6.94	43	294779	60.212	ug/l #	46
31) Cyclohexane	7.66	56	19244	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	78615	3.592	ug/l #	48
37) Ethyl Acetate	6.94	43	294779	23.441	ug/l #	95
38) Carbon Tetrachloride	7.66	117	113967	4.966	ug/l #	16
43) Isopropyl Acetate	8.17	43	142780	6.469	ug/l	96
45) 1,2-Dichloropropane	9.27	63	14205	0.913	ug/l #	43
48) Methyl methacrylate	9.27	41	956487	85.388	ug/l #	37
49) 1,4-Dioxane	9.27	88	1939	12.238	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	3141	0.269	ug/l	97
52) Toluene	10.16	92	128762	3.243	ug/l	97
53) t-1,3-Dichloropropene	10.16	75	1512	2.046	ug/l #	6
69) o-Xylene	11.95	106	11770	0.345	ug/l	92
71) Bromoform	12.41	173	6331	2.753	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	512838	34.252	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	34708	0.512	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	512838	117.087	ug/l #	11
83) tert-Butylbenzene	13.04	119	19608	0.314	ug/l #	77
84) 1,2,4-Trimethylbenzene	13.04	105	148160	2.229	ug/l	100
85) sec-Butylbenzene	13.04	105	148160	1.832	ug/l #	55
93) 1,2,4-Trichlorobenzene	14.90	180	138	2.523	ug/l #	28
95) Naphthalene	15.13	128	10407	3.687	ug/l #	86

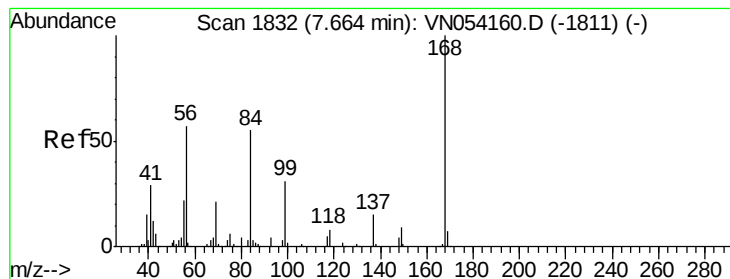
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

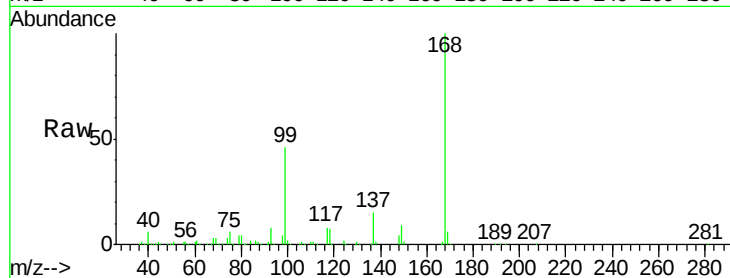
30296-97-30304-05-06

Tot Ion:168 Resp: 1371750

Ion Ratio Lower Upper

168 100

99 45.9 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

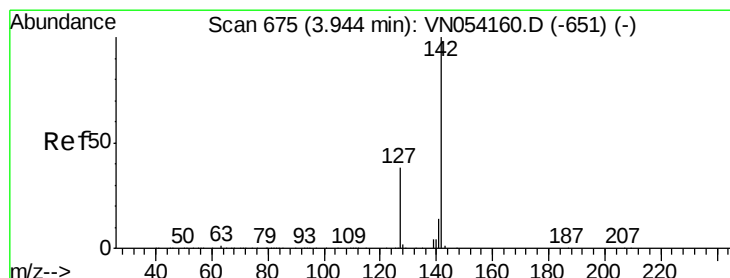
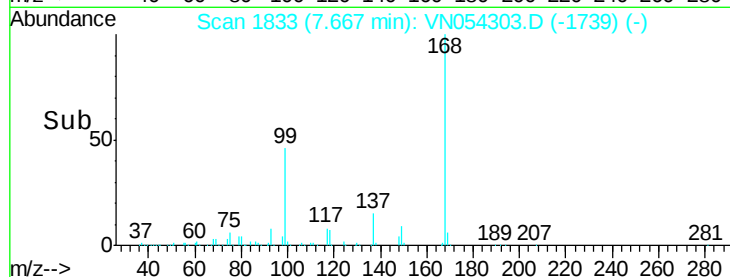
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 1.513 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.01 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

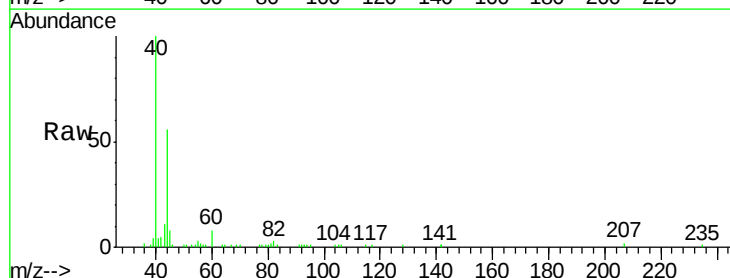
Tgt Ion:142 Resp: 341

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

141 0.0 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

400

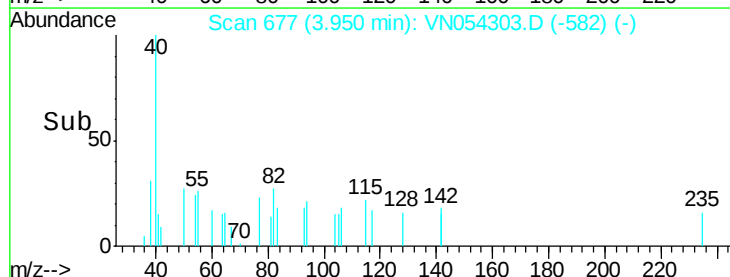
300

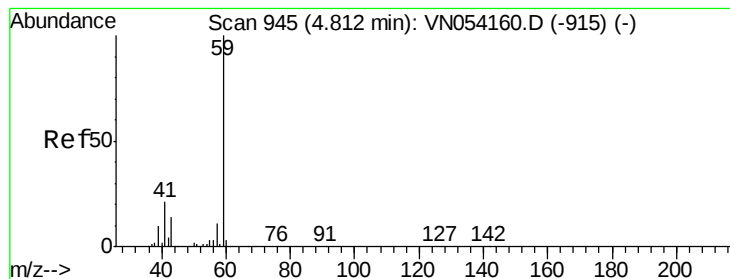
200

100

0

Time-->





#11

Tert butyl alcohol

Concen: 1.295 ug/l

RT: 4.82 min Scan# 949

Delta R.T. 0.01 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

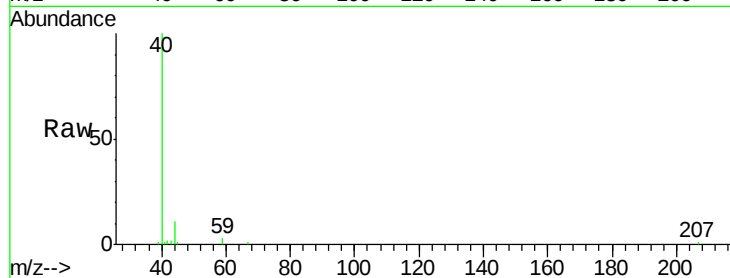
30296-97-30304-05-06

Tot Ion: 59 Resp: 1293

Ion Ratio Lower Upper

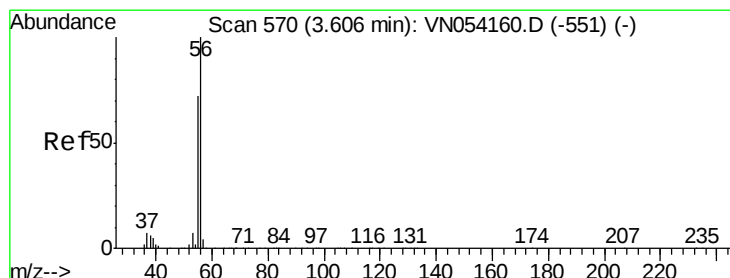
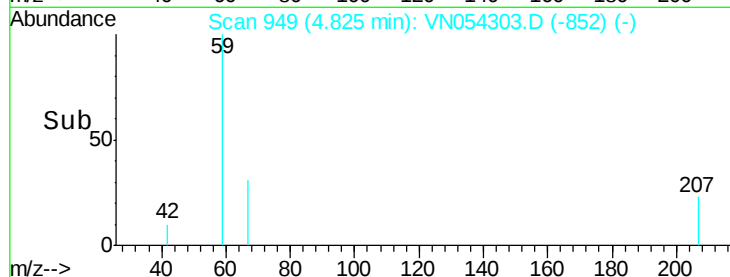
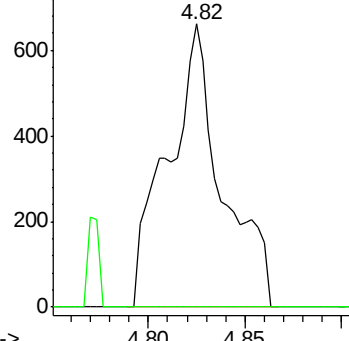
59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 2.262 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054303.D

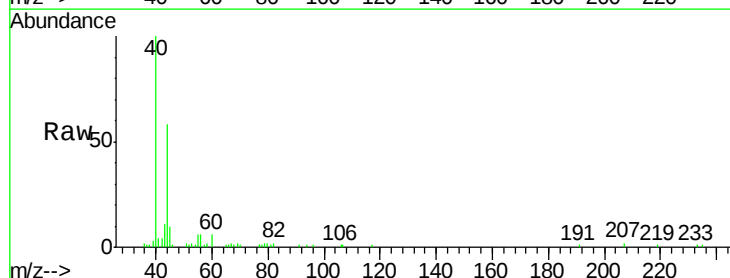
Acq: 15 Mar 2019 10:57

Tgt Ion: 56 Resp: 2141

Ion Ratio Lower Upper

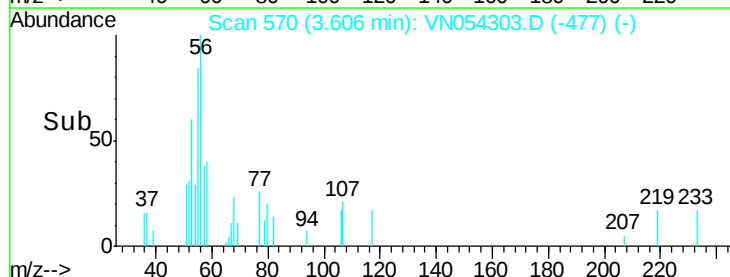
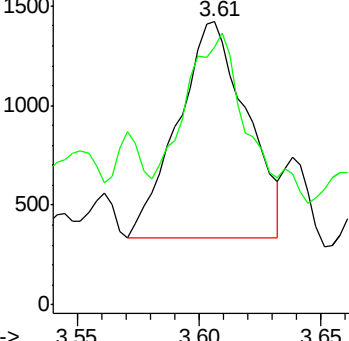
56 100

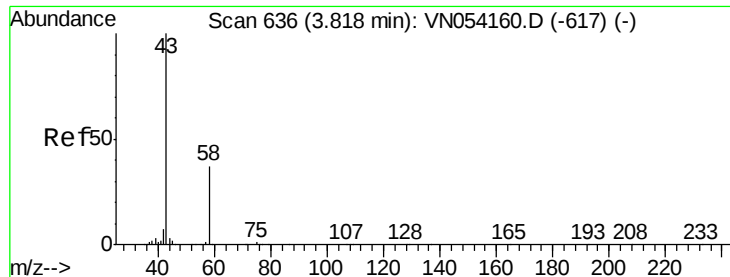
55 70.8 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 27.679 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

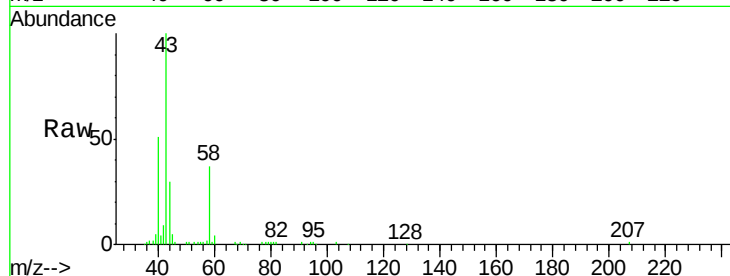
30296-97-30304-05-06

Tot Ion: 43 Resp: 115455

Ion Ratio Lower Upper

43 100

58 38.7 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

60000

50000

40000

30000

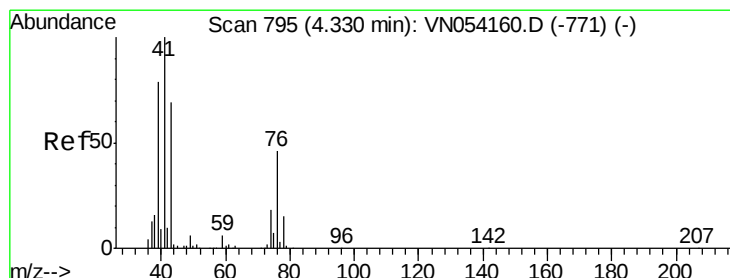
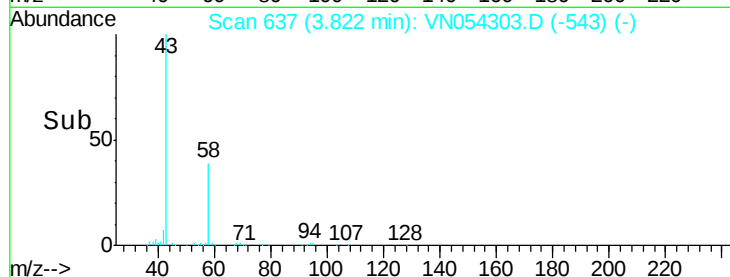
20000

10000

0

3.70 3.82 3.90

Time-->



#18

Methyl Acetate

Concen: 1.396 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN054303.D

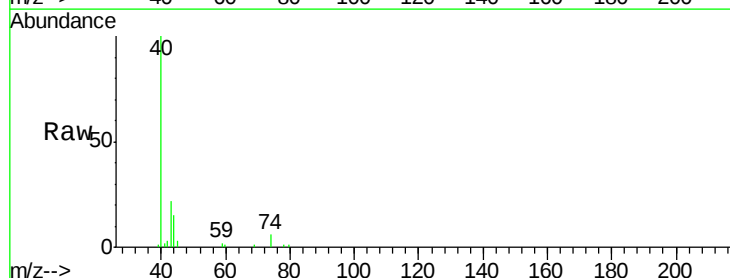
Acq: 15 Mar 2019 10:57

Tgt Ion: 43 Resp: 11783

Ion Ratio Lower Upper

43 100

74 19.3 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

6000

5000

4000

3000

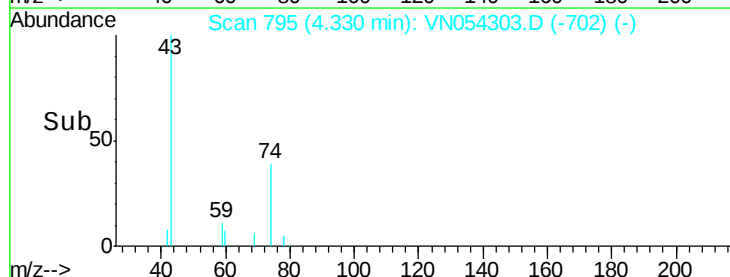
2000

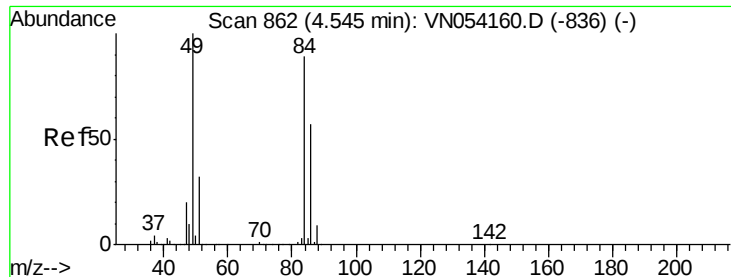
1000

0

4.25 4.30 4.33 4.40

Time-->





#20

Methylene Chloride

Concen: 0.259 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

30296-97-30304-05-06

Tot Ion: 84 Resp: 3546

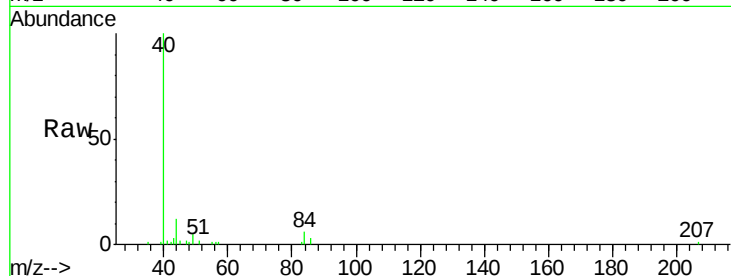
Ion Ratio Lower Upper

84 100

49 80.3 89.7 134.5#

51 34.2 28.2 42.4

86 45.5 50.8 76.2#

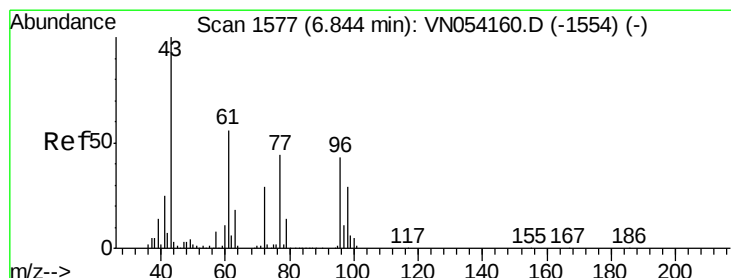
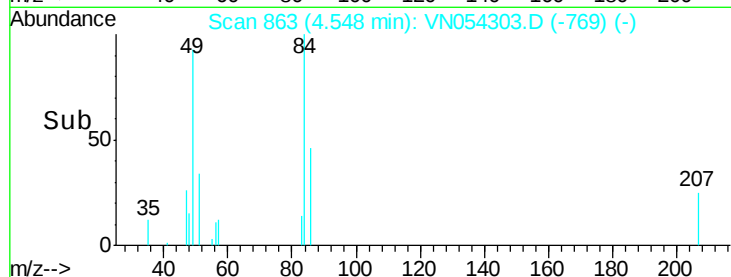
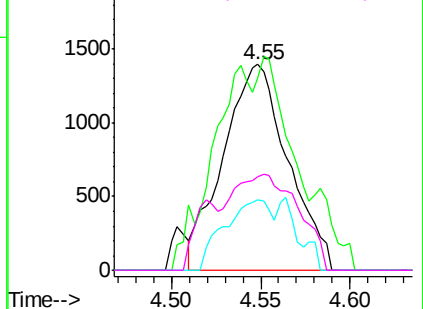


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 60.212 ug/l

RT: 6.94 min Scan# 1607

Delta R.T. 0.10 min

Lab File: VN054303.D

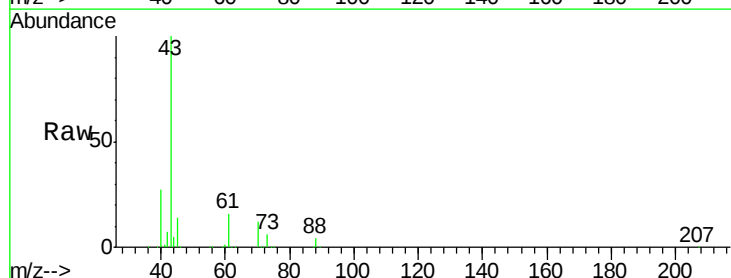
Acq: 15 Mar 2019 10:57

Tgt Ion: 43 Resp: 294779

Ion Ratio Lower Upper

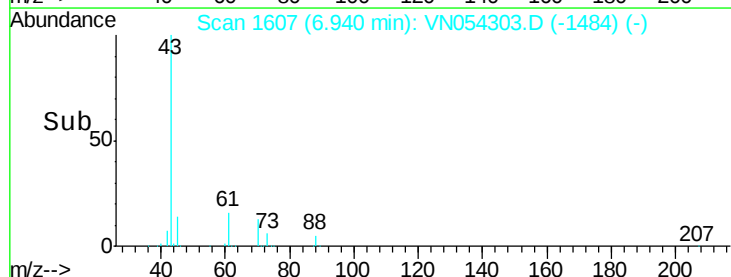
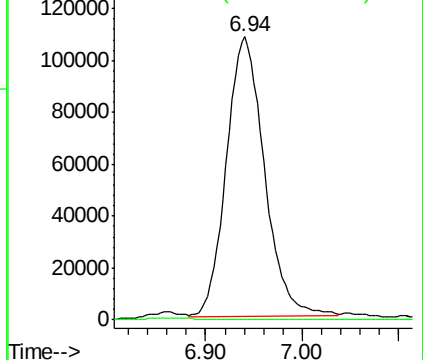
43 100

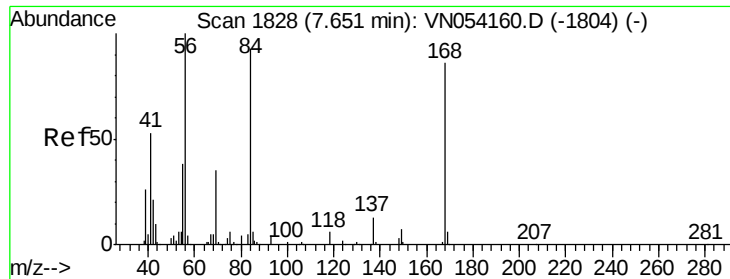
72 0.2 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

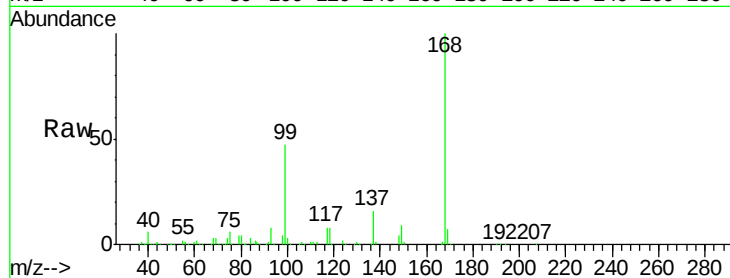




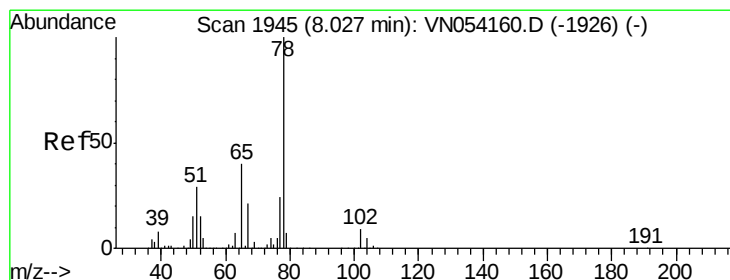
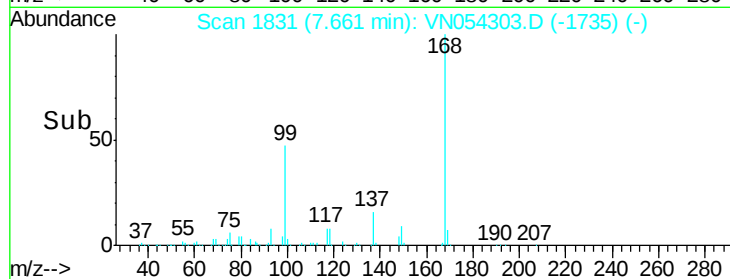
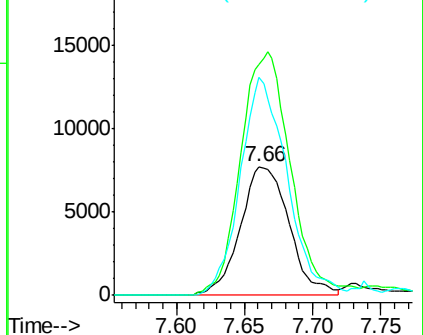
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN054303.D
Acq: 15 Mar 2019 10:57

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30296-97-30304-05-06

Tot Ion: 56 Resp: 19244
Ion Ratio Lower Upper
56 100
69 179.7 27.8 41.6#
84 169.4 74.6 111.8#

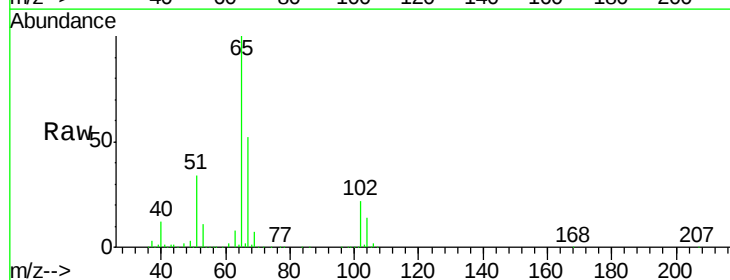


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

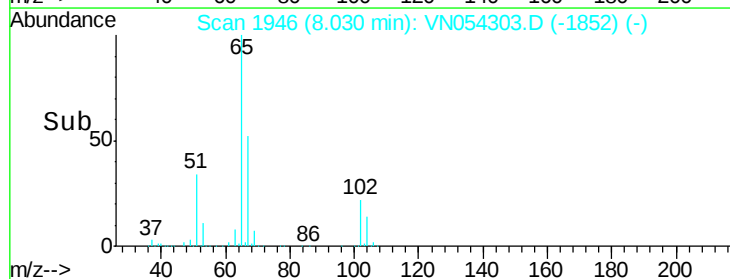
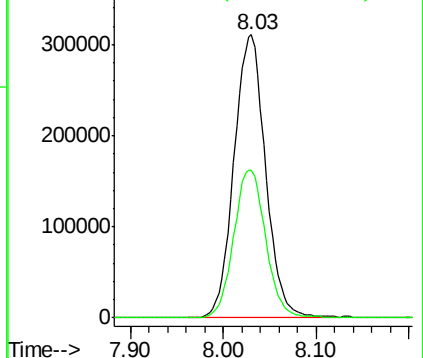


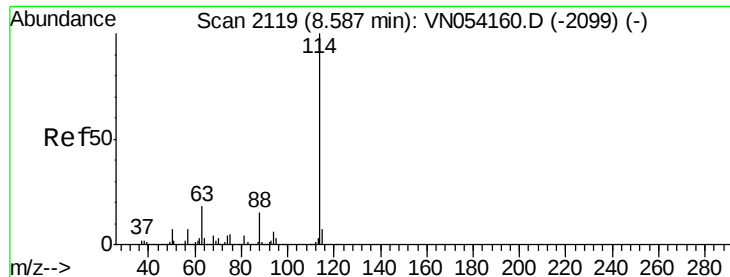
#33
1,2-Dichloroethane-d4
Concen: 50.298 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054303.D
Acq: 15 Mar 2019 10:57

Tgt Ion: 65 Resp: 732742
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

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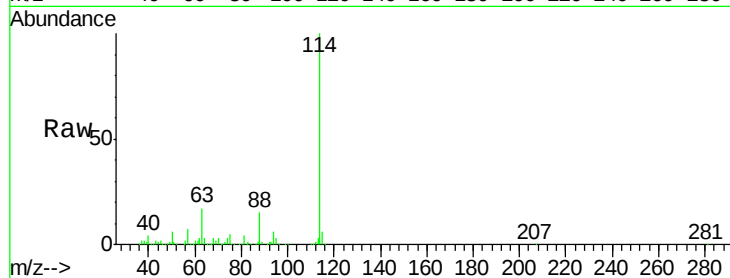
Tot Ion:114 Resp: 2376494

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.2

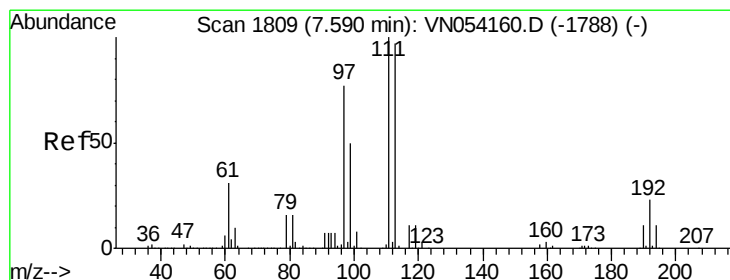
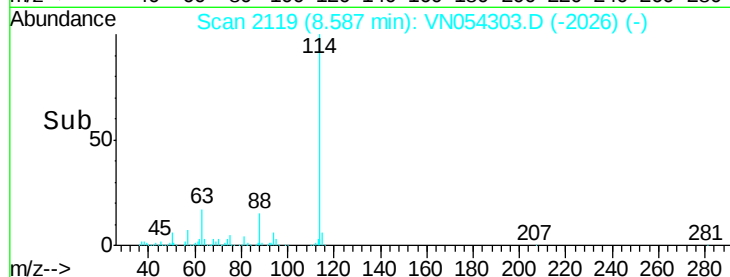
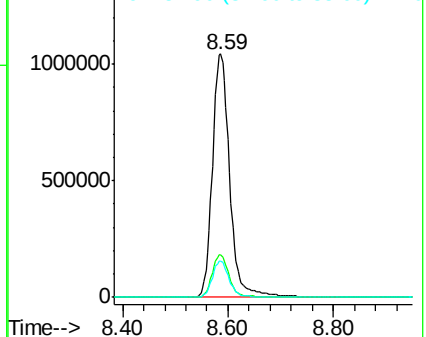
88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.997 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

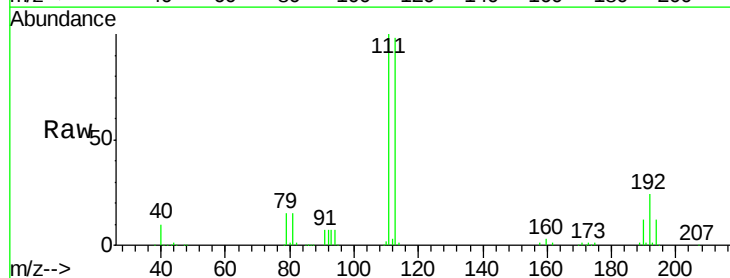
Tgt Ion:113 Resp: 720340

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

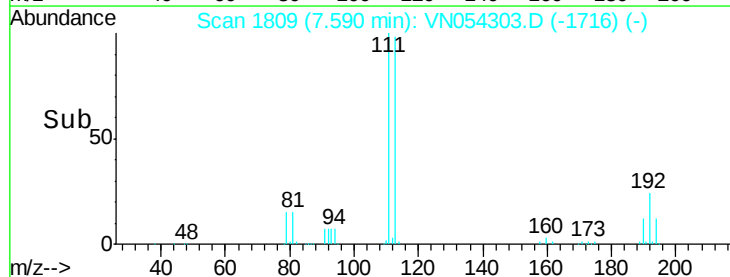
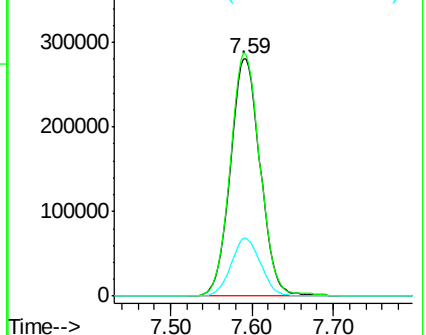
192 24.1 19.2 28.8

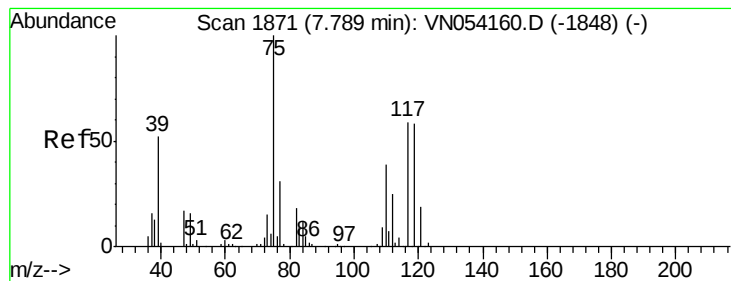


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.592 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

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ClientSampleId :

30296-97-30304-05-06

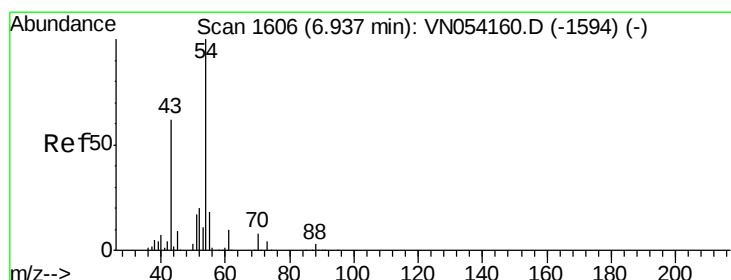
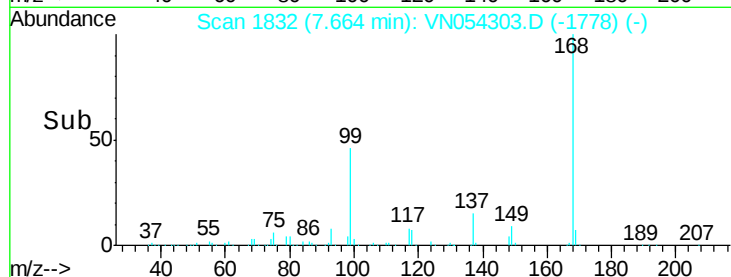
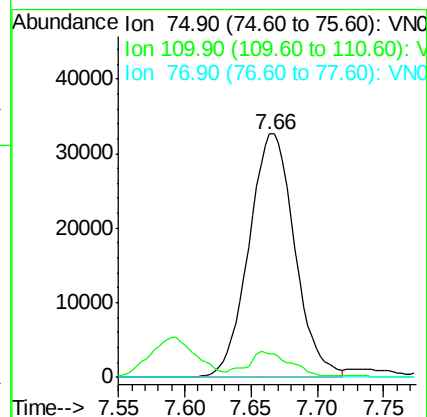
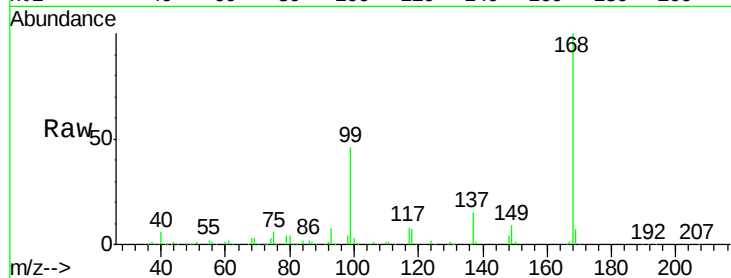
Tot Ion: 75 Resp: 78615

Ion Ratio Lower Upper

75 100

110 9.3 19.1 57.5#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 23.441 ug/l

RT: 6.94 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

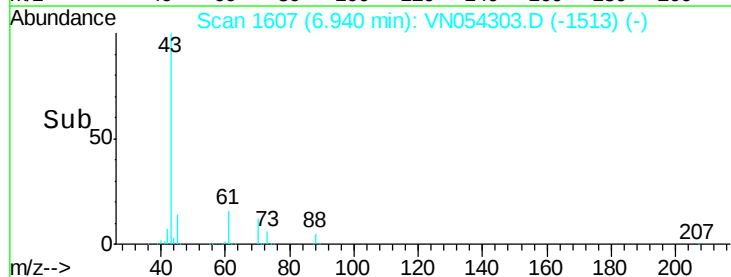
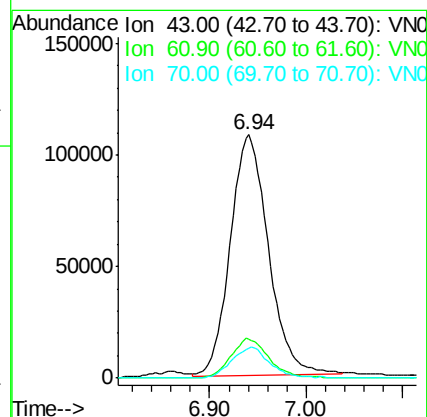
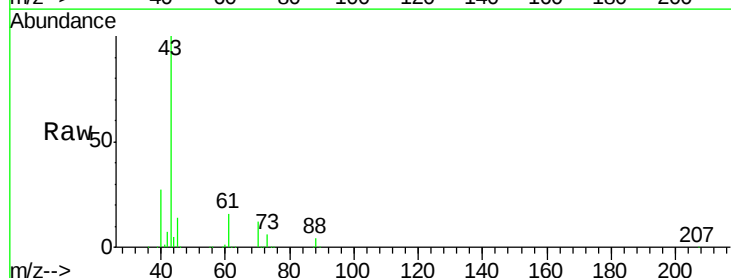
Tgt Ion: 43 Resp: 294779

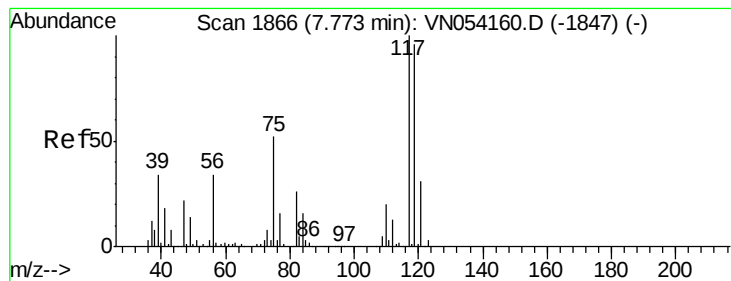
Ion Ratio Lower Upper

43 100

61 16.4 11.8 17.6

70 12.8 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 4.966 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

30296-97-30304-05-06

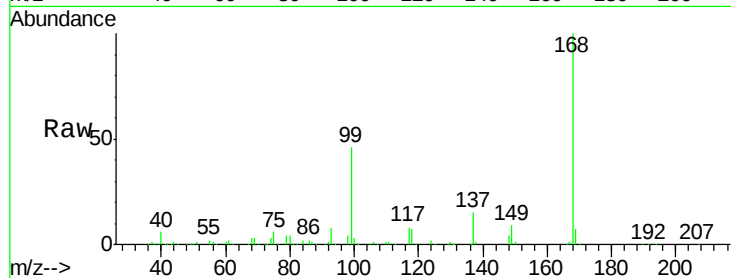
Tot Ion:117 Resp: 113967

Ion Ratio Lower Upper

117 100

119 5.1 76.3 114.5#

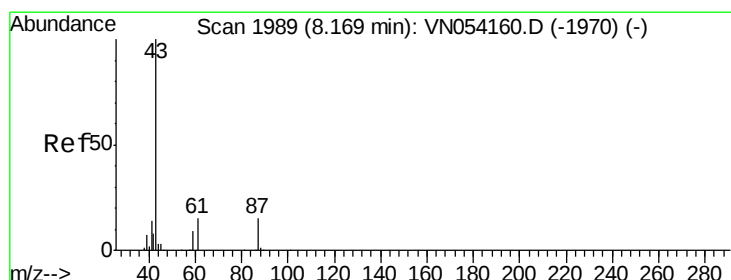
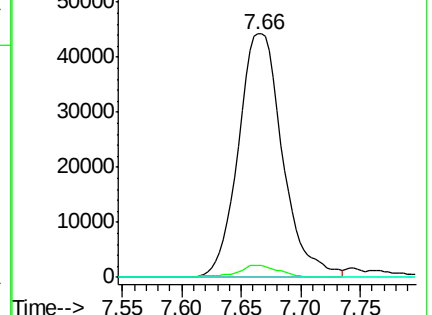
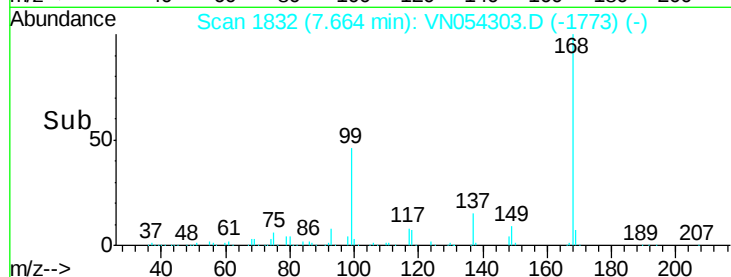
121 0.0 24.6 36.8#



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: 6.469 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

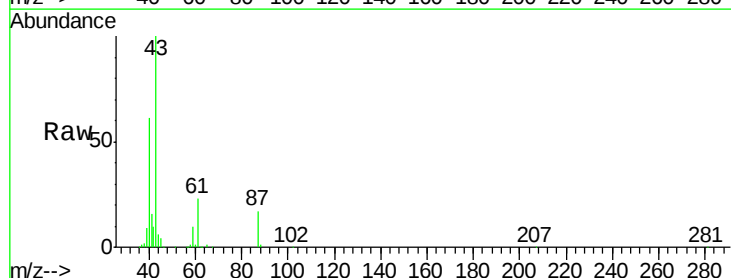
Tgt Ion: 43 Resp: 142780

Ion Ratio Lower Upper

43 100

61 22.5 15.8 23.8

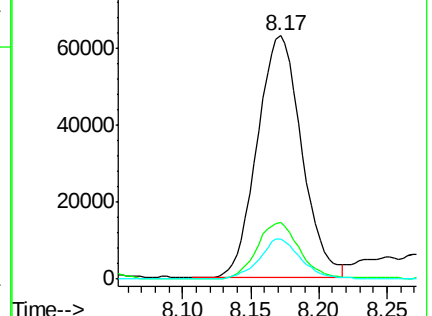
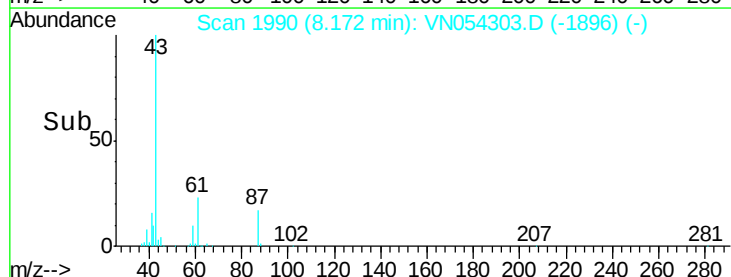
87 15.8 12.0 18.0

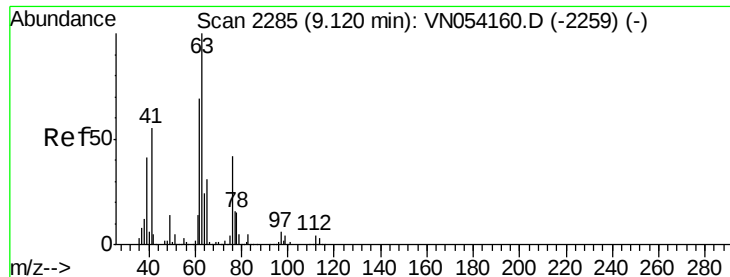


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

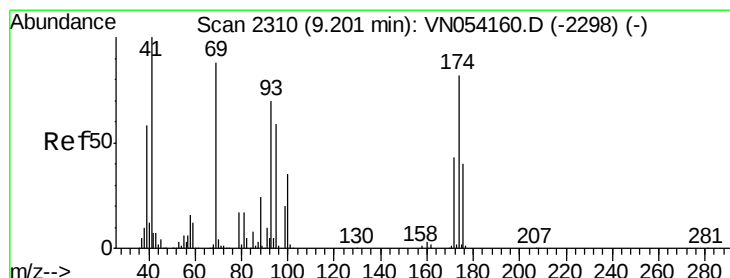
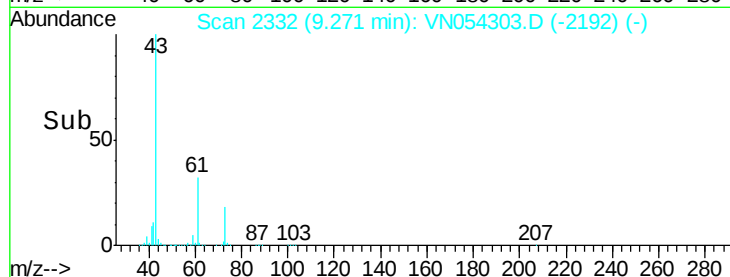
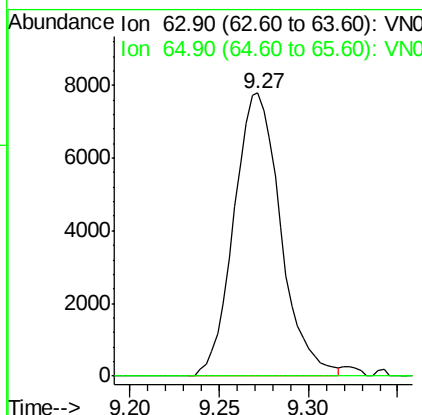
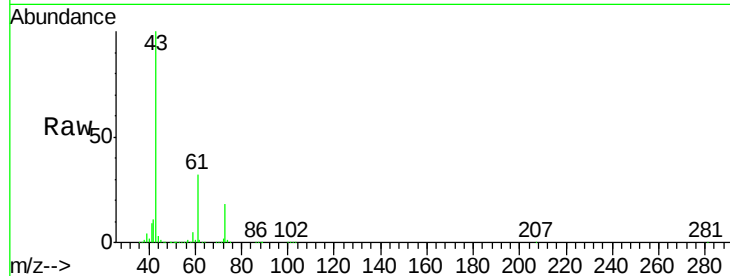




#45
 1,2-Dichloropropane
 Concen: 0.913 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN054303.D
 Acq: 15 Mar 2019 10:57

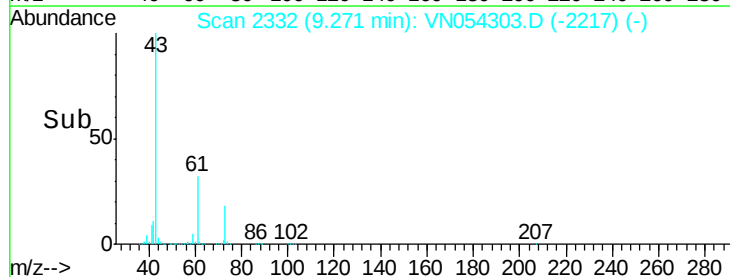
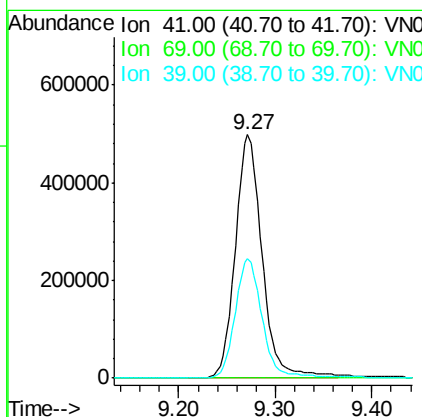
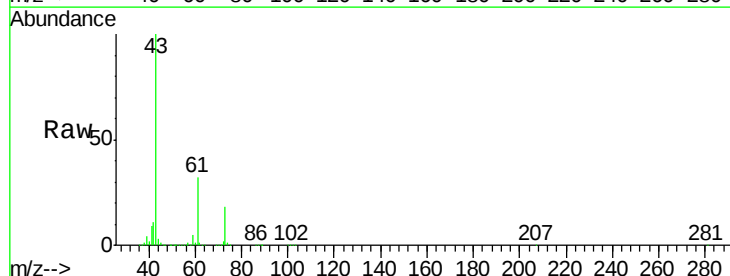
Instrument :
 MSVOA_N
 ClientSampleId :
 30296-97-30304-05-06

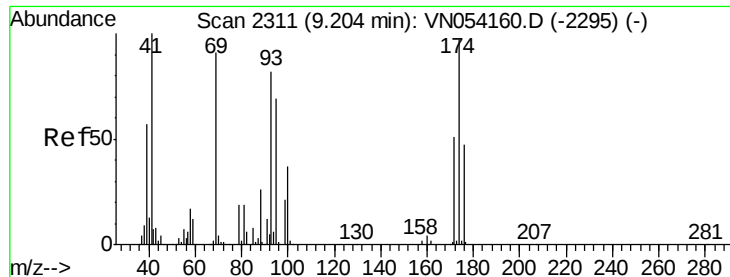
Tot Ion: 63 Resp: 14205
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#48
 Methyl methacrylate
 Concen: 85.388 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.07 min
 Lab File: VN054303.D
 Acq: 15 Mar 2019 10:57

Tgt Ion: 41 Resp: 956487
 Ion Ratio Lower Upper
 41 100
 69 0.2 72.6 108.8#
 39 50.4 47.5 71.3





#49

1,4-Dioxane

Concen: 12.238 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.06 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

30296-97-30304-05-06

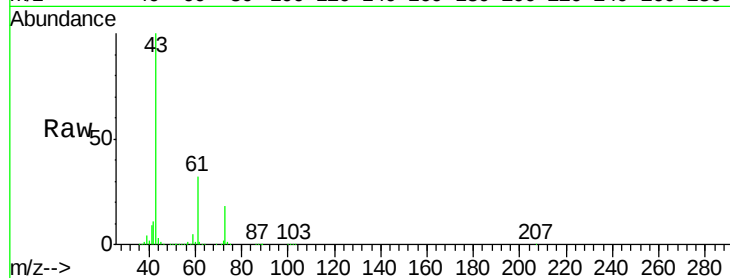
Tot Ion: 88 Resp: 1939

Ion Ratio Lower Upper

88 100

43 552311.7 24.1 36.1#

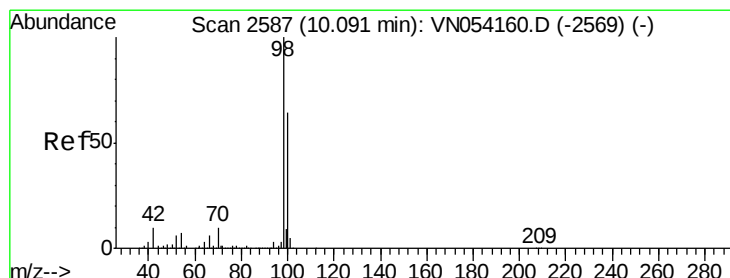
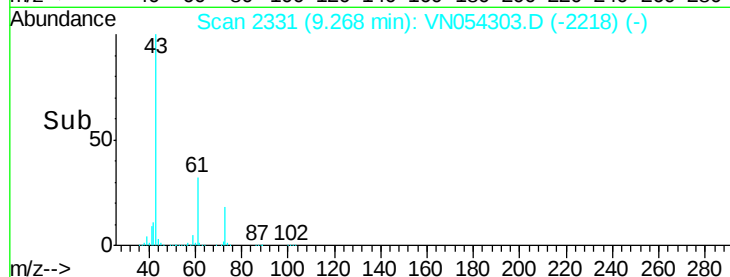
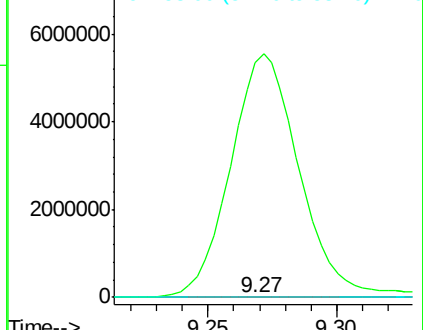
58 2125.9 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.475 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054303.D

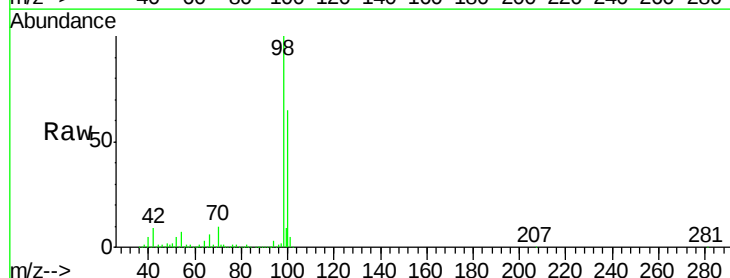
Acq: 15 Mar 2019 10:57

Tgt Ion: 98 Resp: 2913819

Ion Ratio Lower Upper

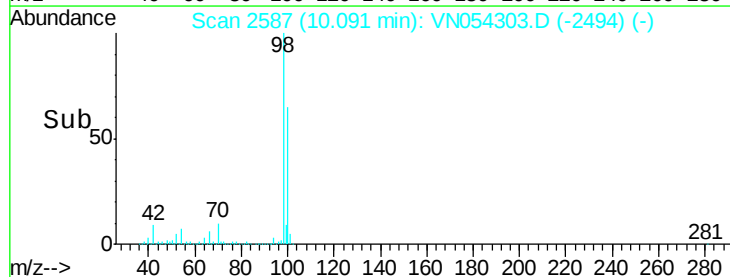
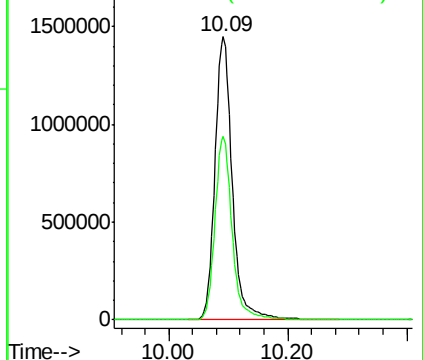
98 100

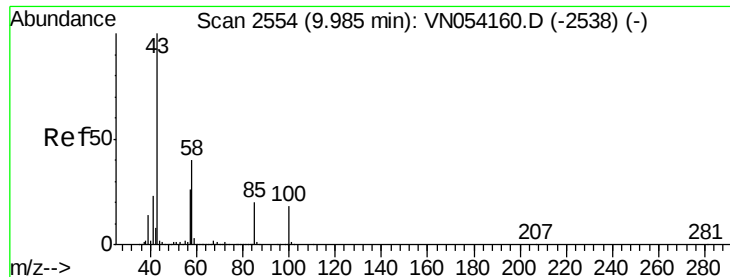
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.269 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

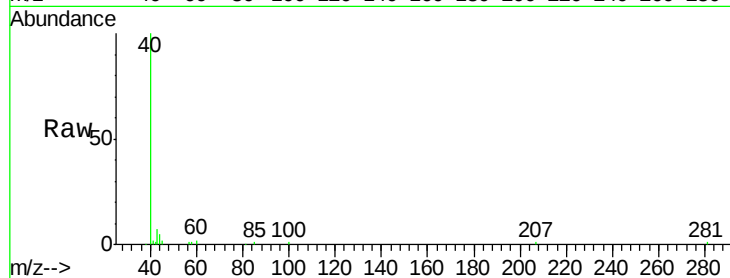
30296-97-30304-05-06

Tot Ion: 43 Resp: 3141

Ion Ratio Lower Upper

43 100

58 38.0 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

3000

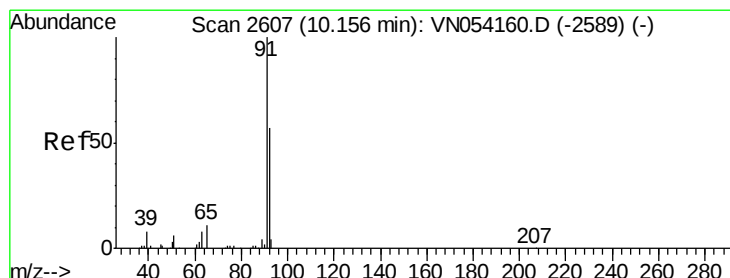
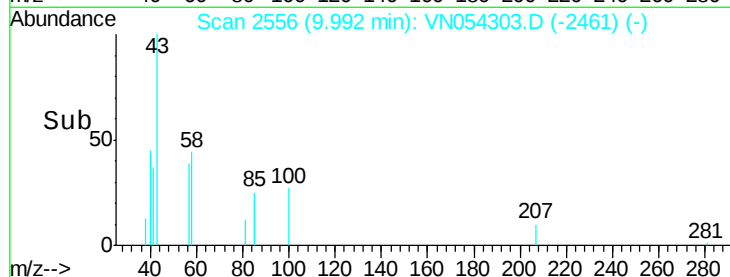
2000

1000

0

9.95 10.00 10.05

Time-->



#52

Toluene

Concen: 3.243 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054303.D

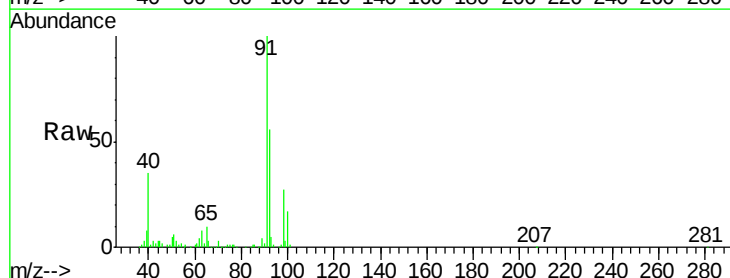
Acq: 15 Mar 2019 10:57

Tgt Ion: 92 Resp: 128762

Ion Ratio Lower Upper

92 100

91 180.6 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

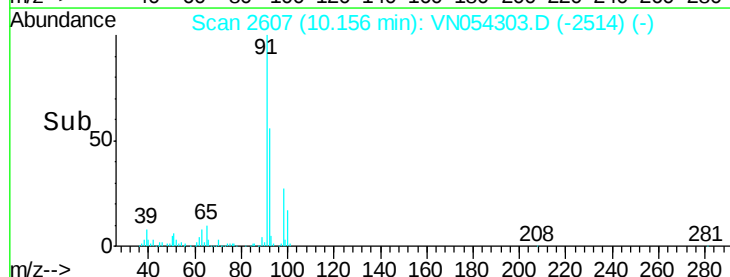
100000

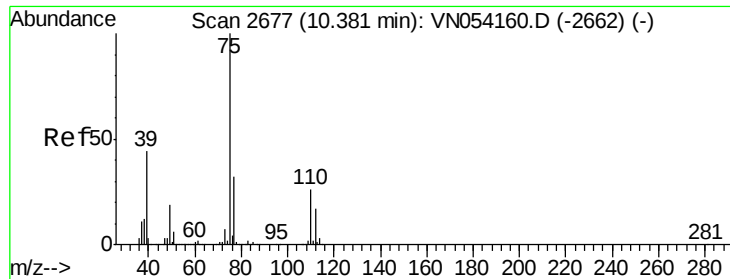
50000

0

10.10 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 2.046 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. -0.22 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

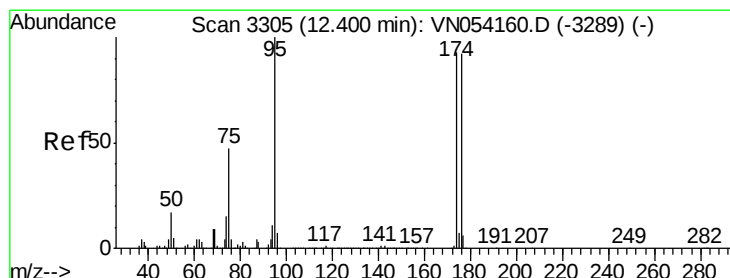
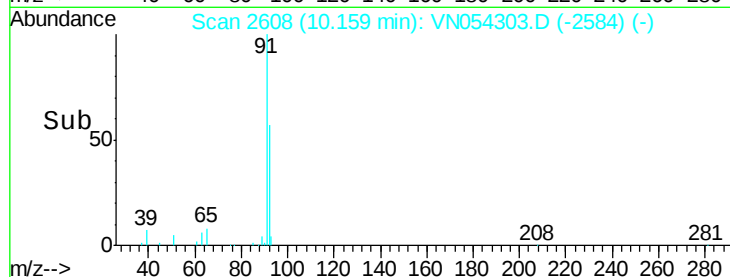
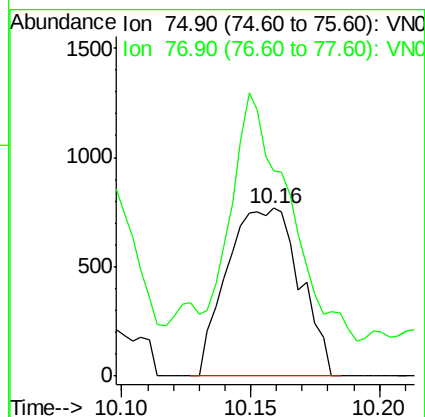
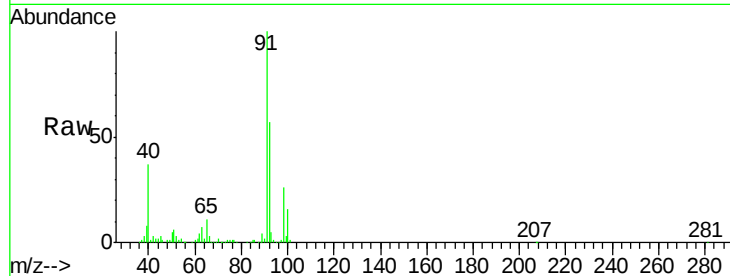
30296-97-30304-05-06

Tot Ion: 75 Resp: 1512

Ion Ratio Lower Upper

75 100

77 84.9 25.8 38.8#



#62

4-Bromofluorobenzene

Concen: 55.940 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

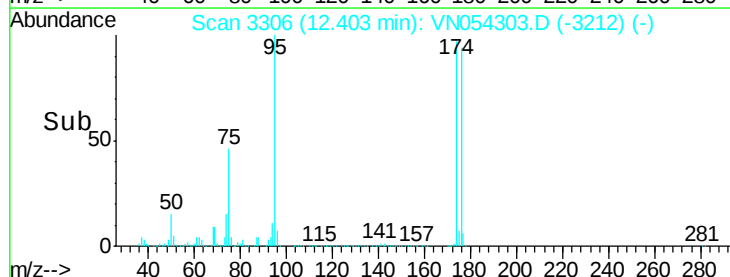
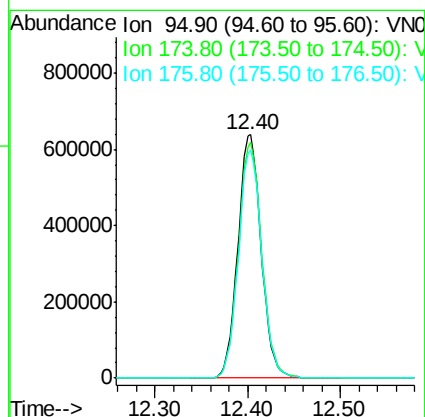
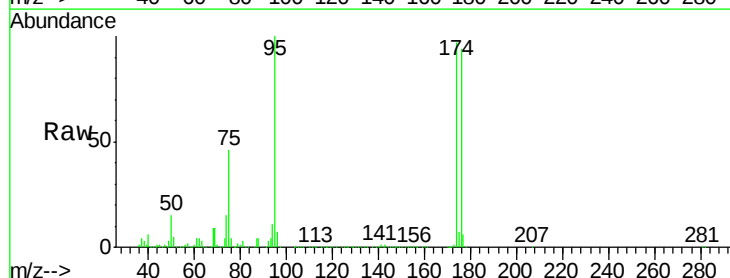
Tgt Ion: 95 Resp: 1107991

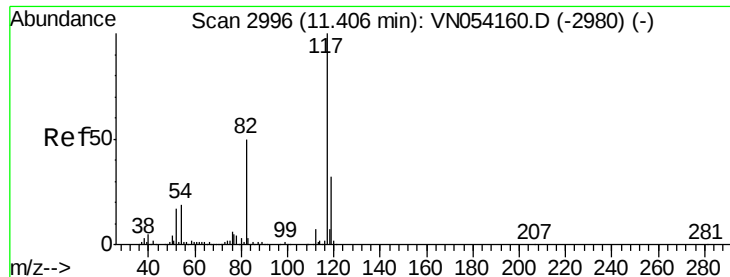
Ion Ratio Lower Upper

95 100

174 97.9 0.0 191.0

176 94.5 0.0 187.4

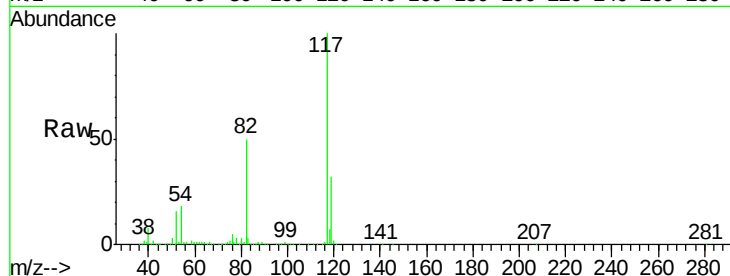




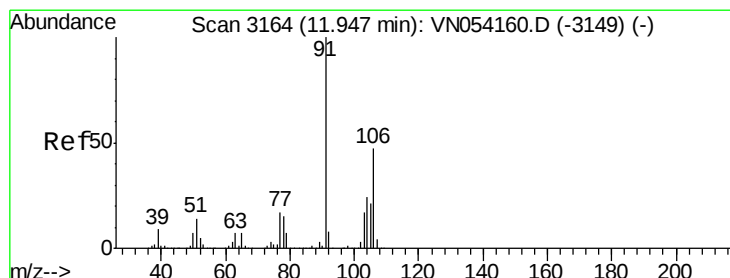
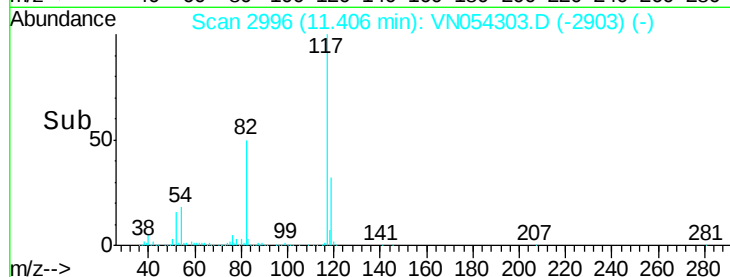
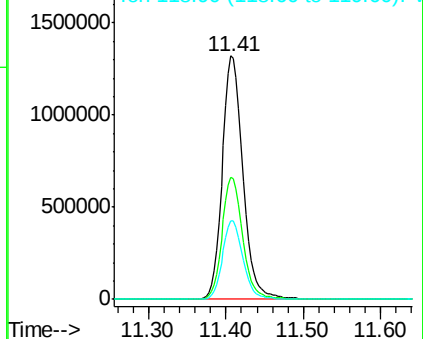
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054303.D
Acq: 15 Mar 2019 10:57

Instrument :
MSVOA_N
ClientSampleId :
30296-97-30304-05-06

Tot Ion:117 Resp: 2463112
Ion Ratio Lower Upper
117 100
82 50.2 40.0 60.0
119 32.3 25.8 38.6

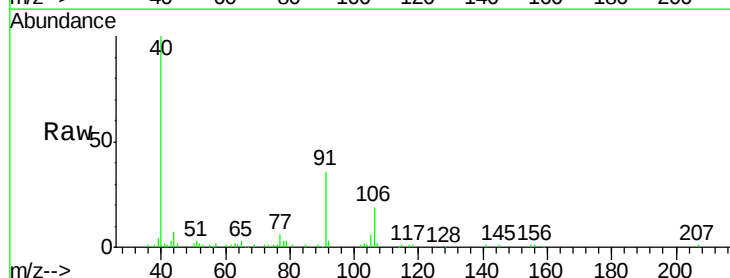


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

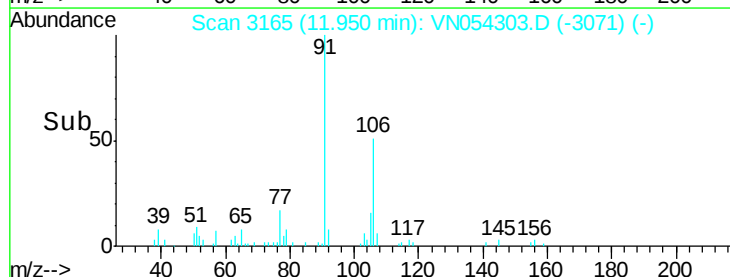
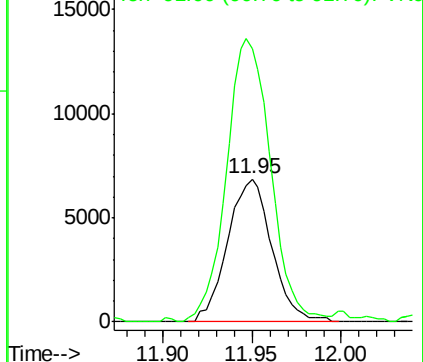


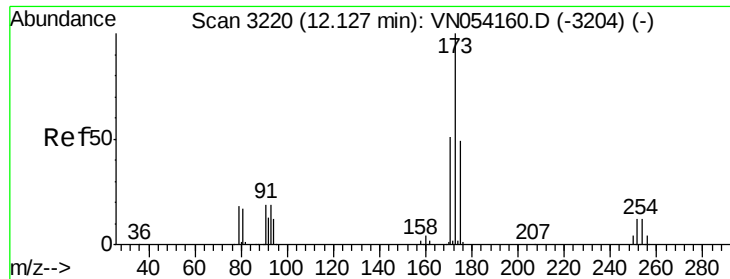
#69
o-Xylene
Concen: 0.345 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054303.D
Acq: 15 Mar 2019 10:57

Tgt Ion:106 Resp: 11770
Ion Ratio Lower Upper
106 100
91 199.0 105.7 317.1



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





#71

Bromoform

Concen: 2.753 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

30296-97-30304-05-06

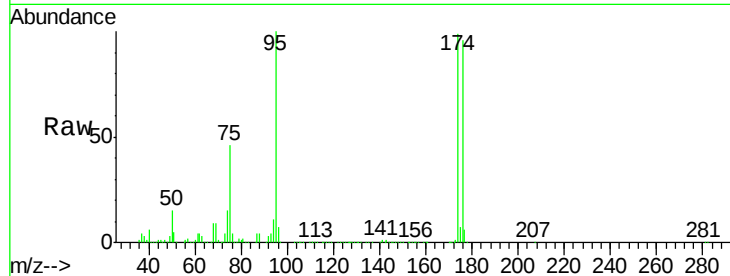
Tot Ion:173 Resp: 6331

Ion Ratio Lower Upper

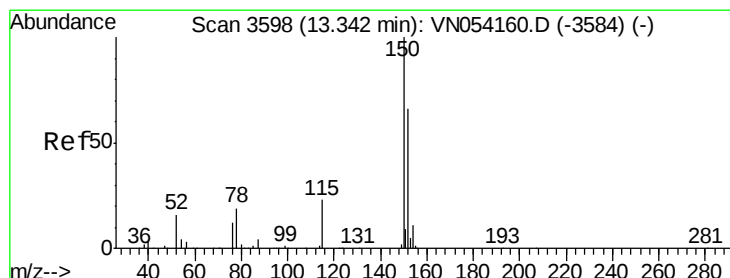
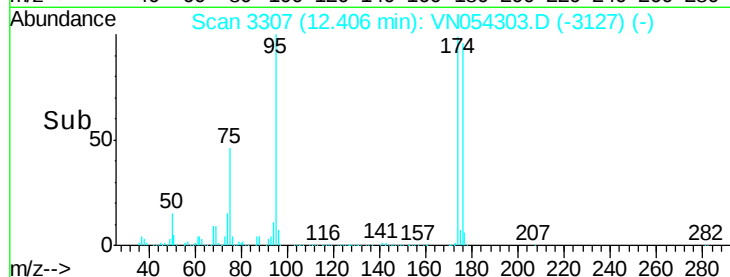
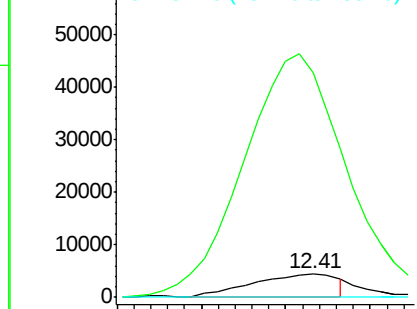
173 100

175 1057.7 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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

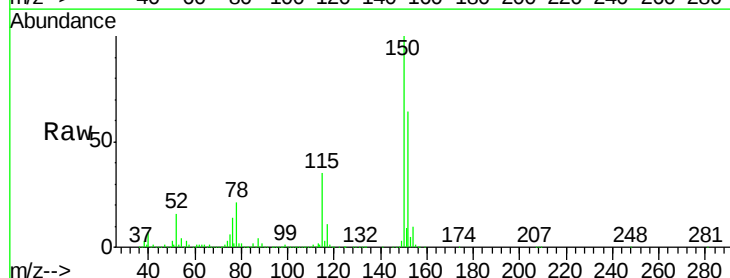
Tgt Ion:152 Resp: 1018173

Ion Ratio Lower Upper

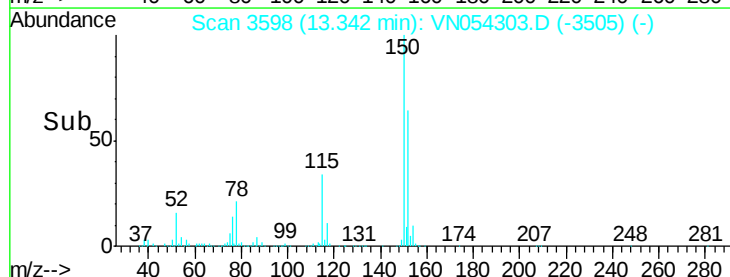
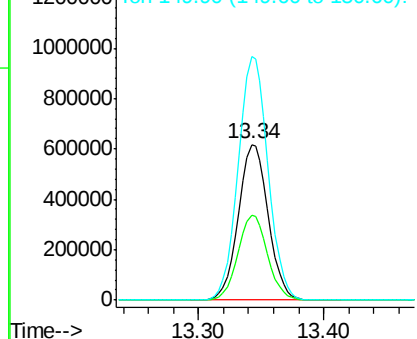
152 100

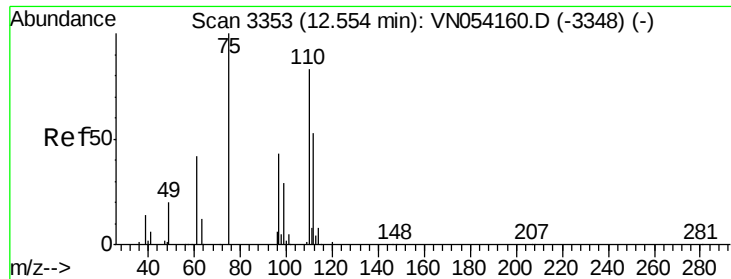
115 54.2 27.2 81.6

150 156.8 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

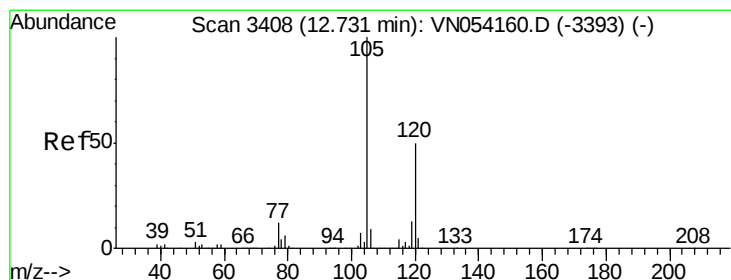
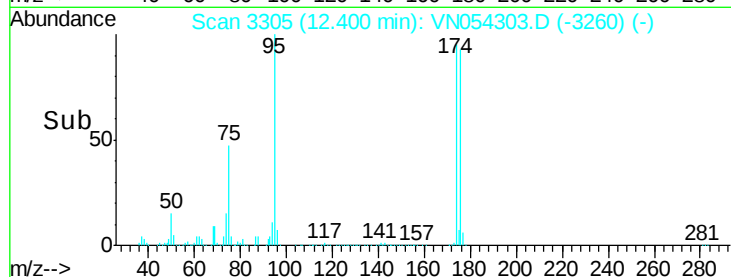
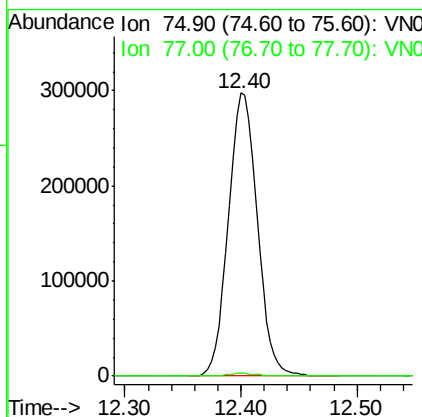
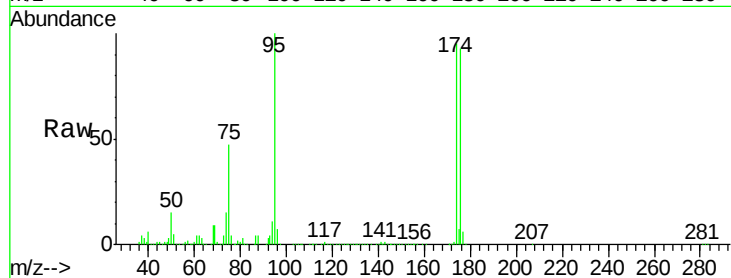




#76
 1,2,3-Trichloropropane
 Concen: 34.252 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN054303.D
 Acq: 15 Mar 2019 10:57

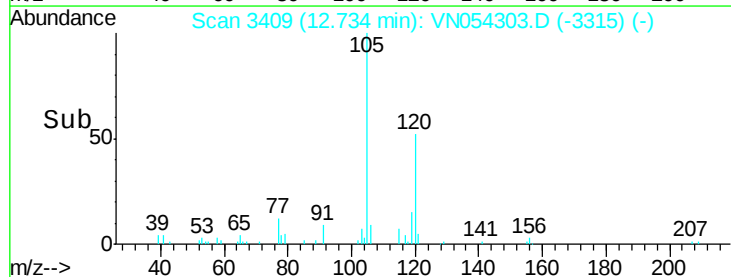
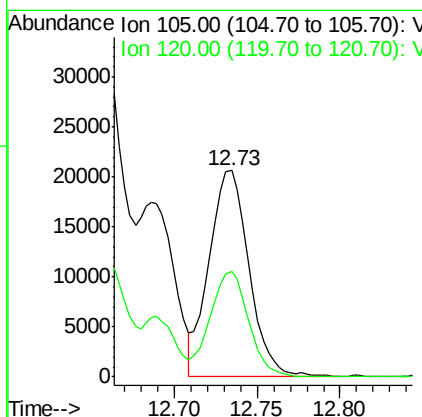
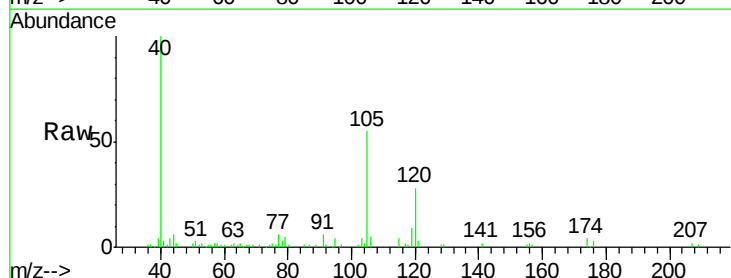
Instrument :
 MSVOA_N
 ClientSampleId :
 30296-97-30304-05-06

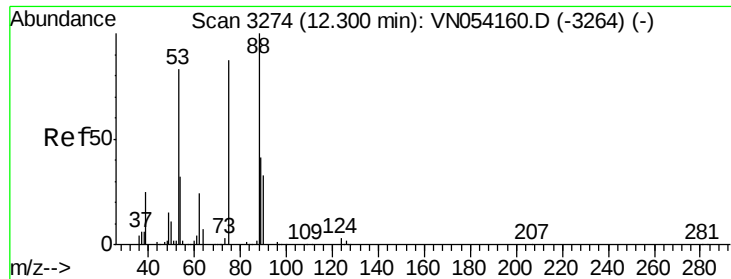
Tot Ion: 75 Resp: 512838
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.512 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN054303.D
 Acq: 15 Mar 2019 10:57

Tgt Ion: 105 Resp: 34708
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.0 75.0

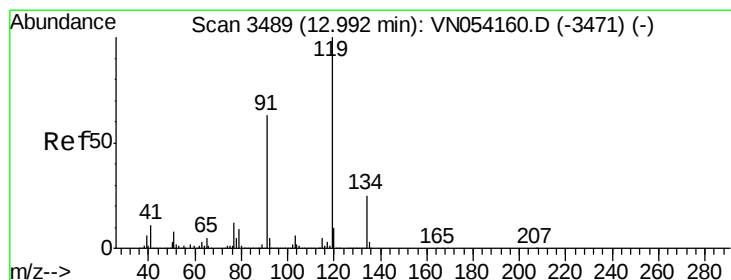
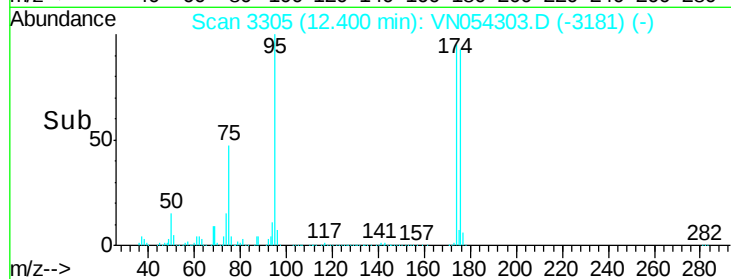
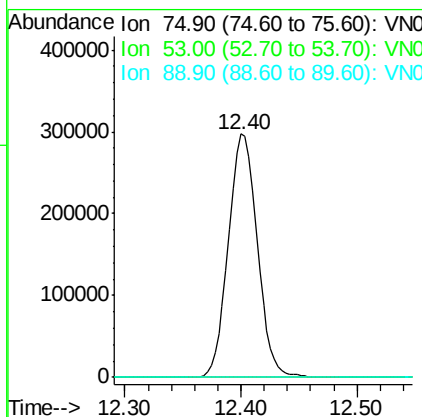
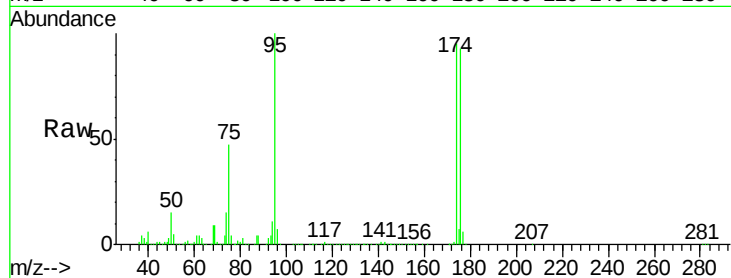




#81
trans-1,4-Dichloro-2-butene
Concen: 117.087 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054303.D
Acq: 15 Mar 2019 10:57

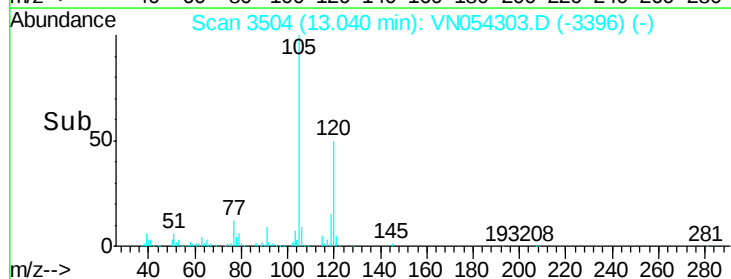
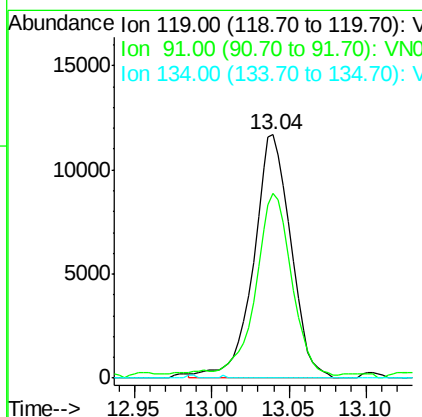
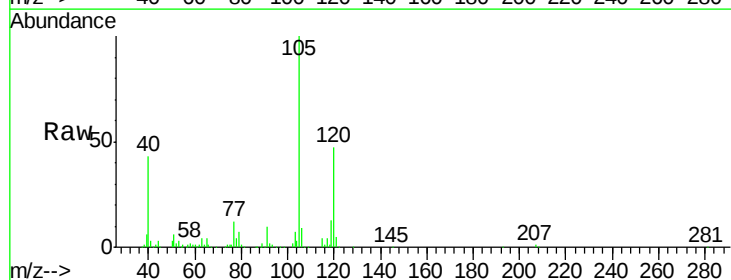
Instrument :
MSVOA_N
ClientSampleId :
30296-97-30304-05-06

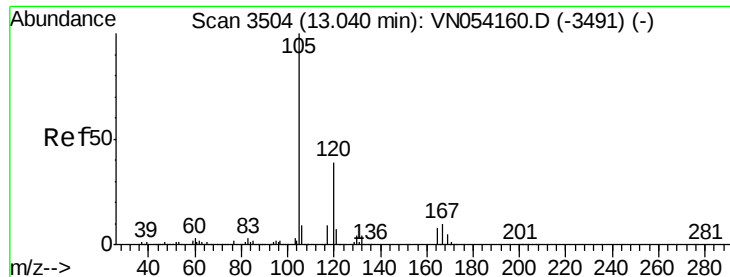
Tot Ion: 75 Resp: 512838
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.2#
89 0.0 39.2 58.8#



#83
tert-Butylbenzene
Concen: 0.314 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN054303.D
Acq: 15 Mar 2019 10:57

Tgt Ion: 119 Resp: 19608
Ion Ratio Lower Upper
119 100
91 70.7 30.9 92.8
134 0.0 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 2.229 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

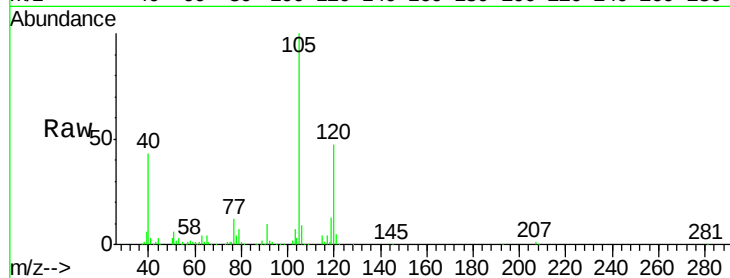
30296-97-30304-05-06

Tot Ion:105 Resp: 148160

Ion Ratio Lower Upper

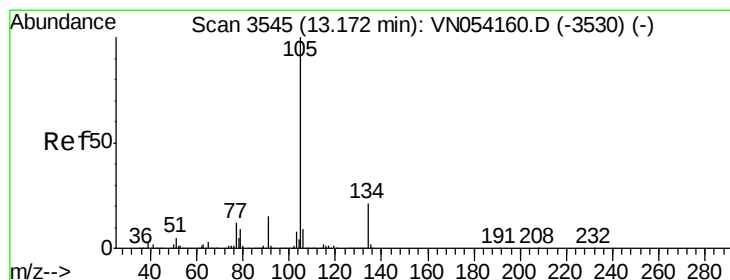
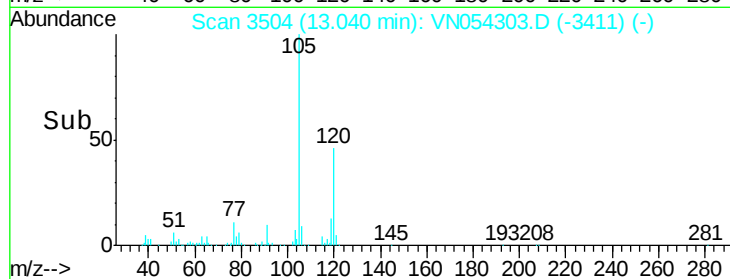
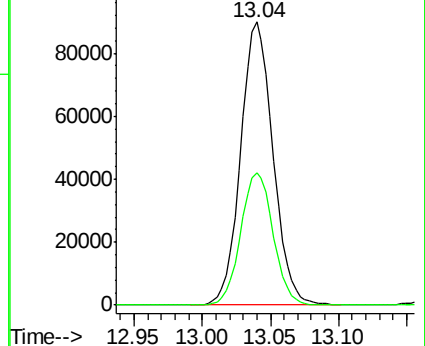
105 100

120 46.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.832 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054303.D

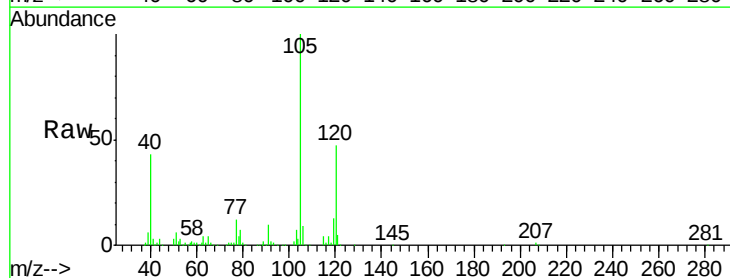
Acq: 15 Mar 2019 10:57

Tgt Ion:105 Resp: 148160

Ion Ratio Lower Upper

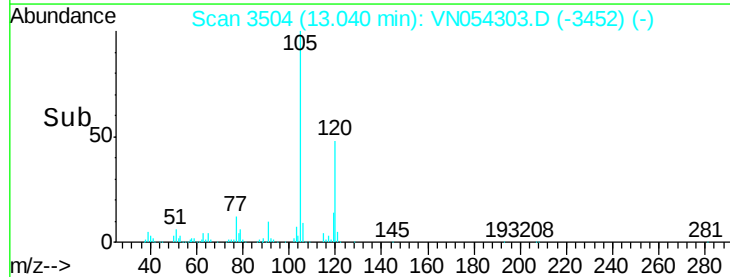
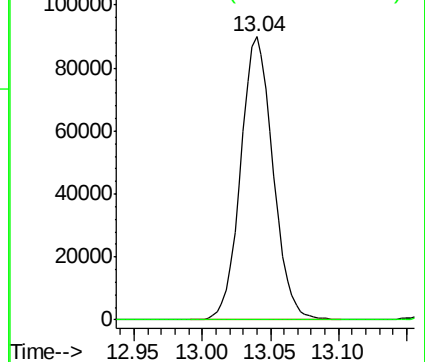
105 100

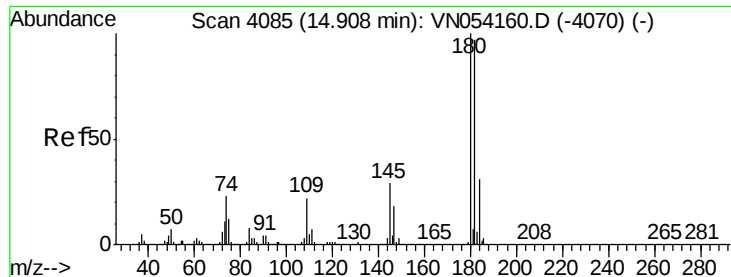
134 0.0 10.7 32.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#93

1,2,4-Trichlorobenzene

Concen: 2.523 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

30296-97-30304-05-06

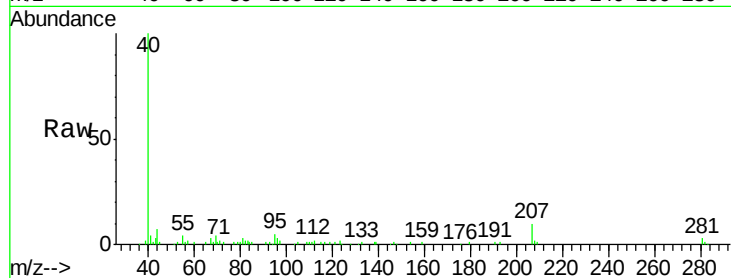
Tot Ion:180 Resp: 138

Ion Ratio Lower Upper

180 100

182 21.0 48.0 144.2#

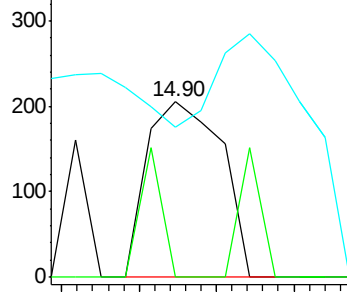
145 0.0 14.2 42.8#



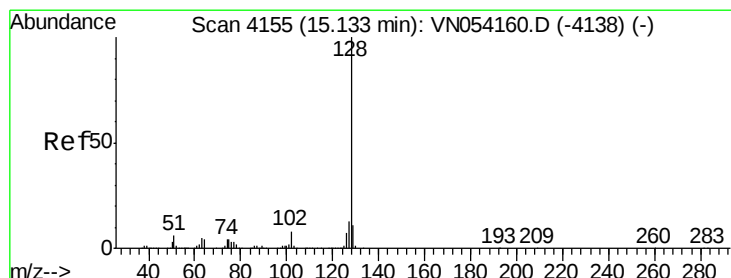
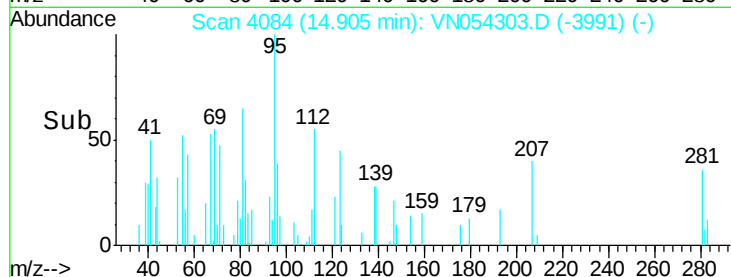
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->



#95

Naphthalene

Concen: 3.687 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

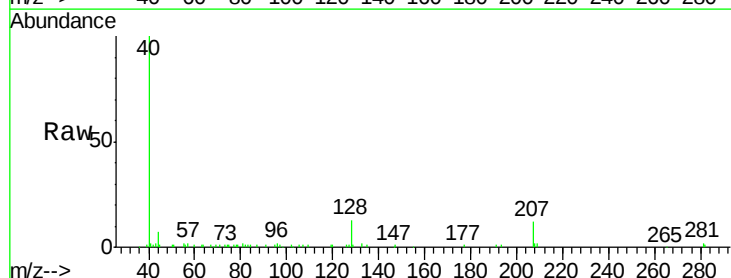
Tgt Ion:128 Resp: 10407

Ion Ratio Lower Upper

128 100

127 7.3 10.1 15.1#

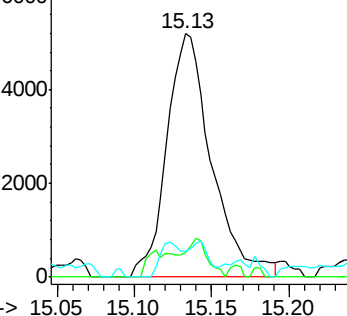
129 5.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->

