

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055957.D
 Acq On : 3 Jun 2019 13:25
 Operator : JC/SP
 Sample : PB120255TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 16:22:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

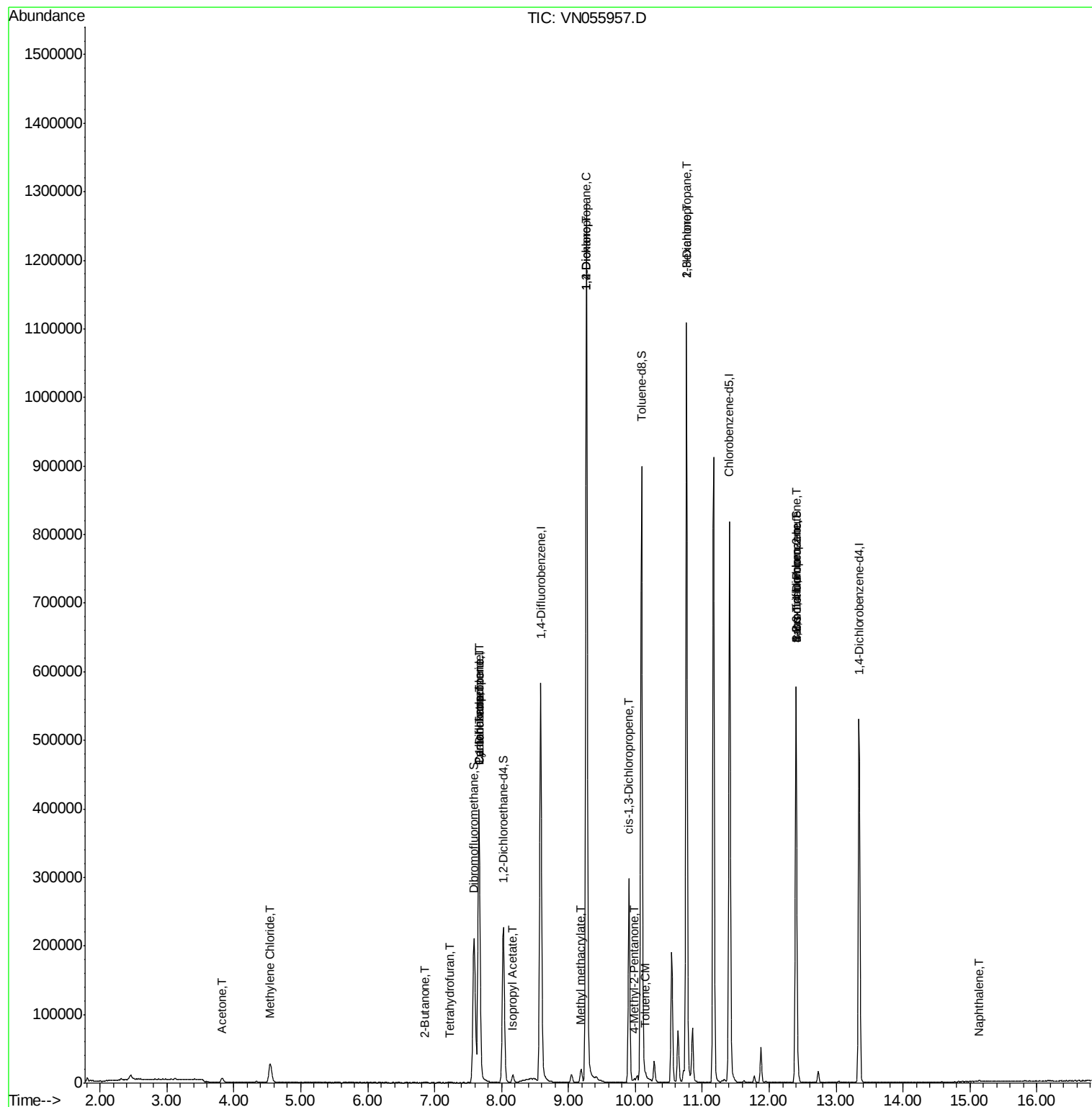
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	375175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	565013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	522792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	163892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	189440	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	7.59	113	166149	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	10.09	98	683234	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	208144	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	10853	6.372	ug/l	96
18) Methyl Acetate	4.33	43	3366	Below Cal	#	75
20) Methylene Chloride	4.55	84	23286	6.313	ug/l	93
25) 2-Butanone	6.85	43	1364	0.573	ug/l #	47
29) Tetrahydrofuran	7.21	42	1222	0.811	ug/l #	44
31) Cyclohexane	7.66	56	5374	0.924	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21971	4.462	ug/l #	48
38) Carbon Tetrachloride	7.66	117	30842	6.013	ug/l #	15
43) Isopropyl Acetate	8.17	43	13742	1.719	ug/l #	89
45) 1,2-Dichloropropane	9.27	63	1495	0.387	ug/l #	44
48) Methyl methacrylate	9.18	41	7572	2.055	ug/l #	12
49) 1,4-Dioxane	9.27	88	30	0.392	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4096	0.867	ug/l	95
52) Toluene	10.16	92	2110	0.226	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	57063	9.281	ug/l #	58
57) 1,3-Dichloropropane	10.76	76	11928	1.963	ug/l #	42
59) 2-Hexanone	10.76	43	155759	46.494	ug/l #	50
71) Bromoform	12.41	173	1511	0.424	ug/l #	1
73) Isopropylbenzene	12.25	105	29	Below Cal	#	48
74) N-amyl acetate	12.05	43	654	Below Cal	#	43
76) 1,2,3-Trichloropropane	12.40	75	96188	33.015	ug/l #	100
79) 2-Chlorotoluene	12.66	91	102	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	9659	Below Cal		97
81) trans-1,4-Dichloro-2-buten	12.40	75	96188	78.966	ug/l #	15
83) tert-Butylbenzene	13.04	119	152	Below Cal	#	67
84) 1,2,4-Trimethylbenzene	13.04	105	2169	Below Cal		95
85) sec-Butylbenzene	13.04	105	2169	Below Cal	#	55
95) Naphthalene	15.14	128	2317	0.306	ug/l #	85

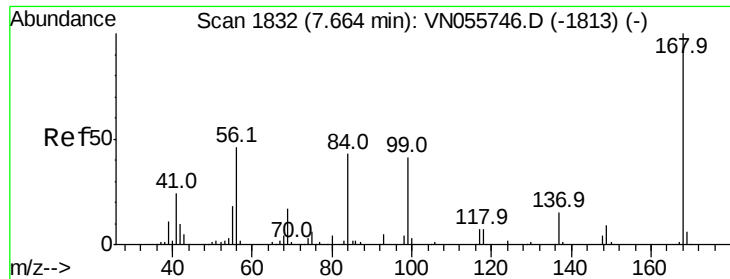
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

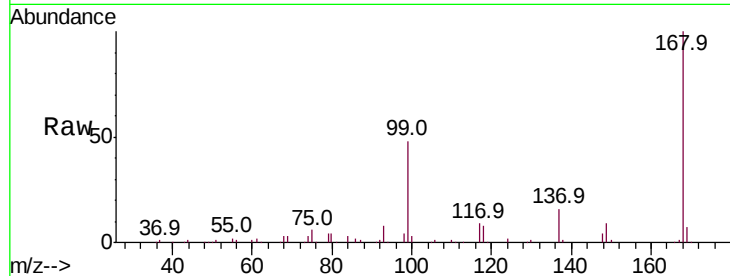
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 375175

Ion Ratio Lower Upper

168 100

99 47.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

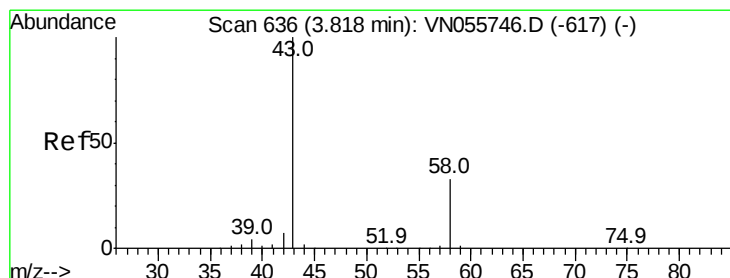
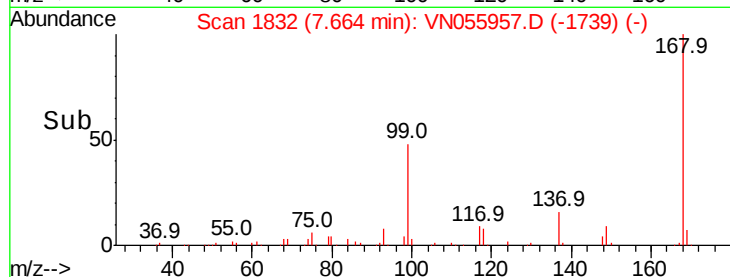
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 6.372 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055957.D

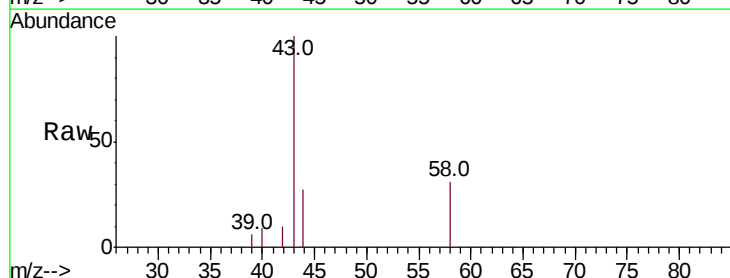
Acq: 3 Jun 2019 13:25

Tgt Ion: 43 Resp: 10853

Ion Ratio Lower Upper

43 100

58 31.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

4000

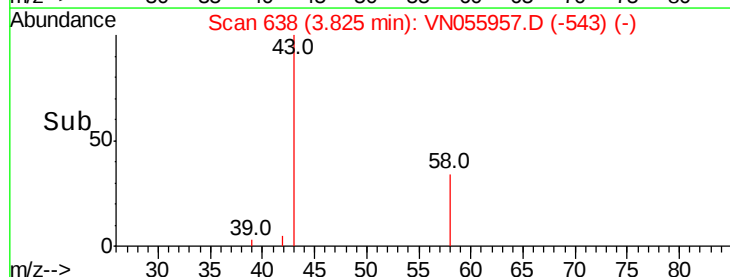
3000

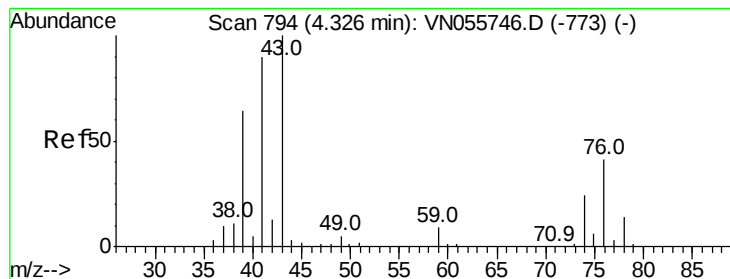
2000

1000

0

Time--> 3.70 3.80 3.90





#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Instrument :

MSVOA_N

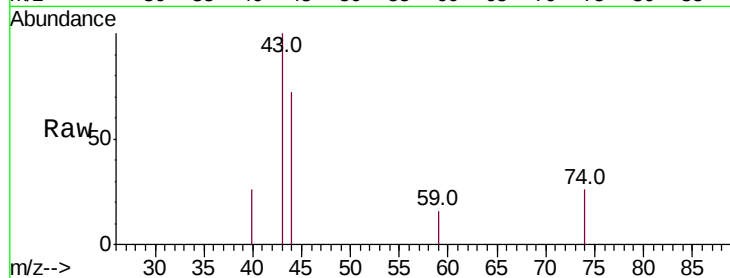
ClientSampleId :

Tot Ion: 43 Resp: 3366

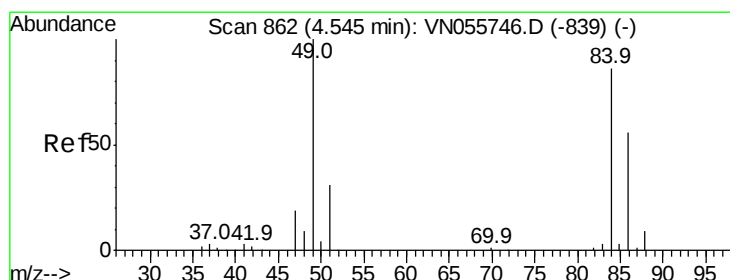
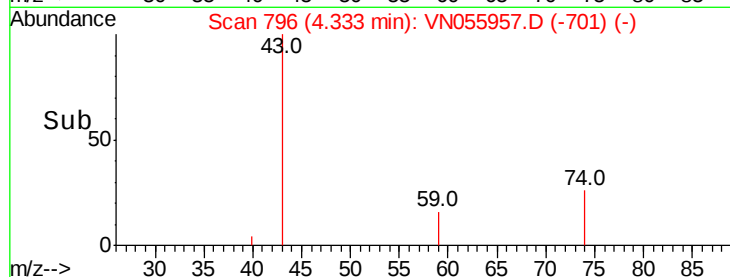
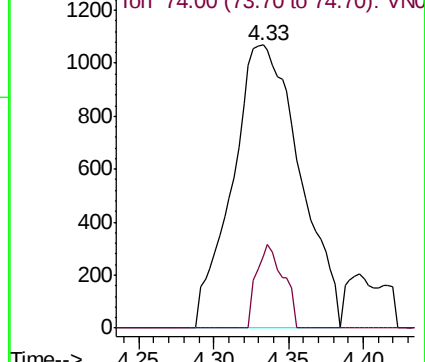
Ion Ratio Lower Upper

43 100

74 11.6 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VNC



#20

Methylene Chloride

Concen: 6.313 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Tgt Ion: 84 Resp: 23286

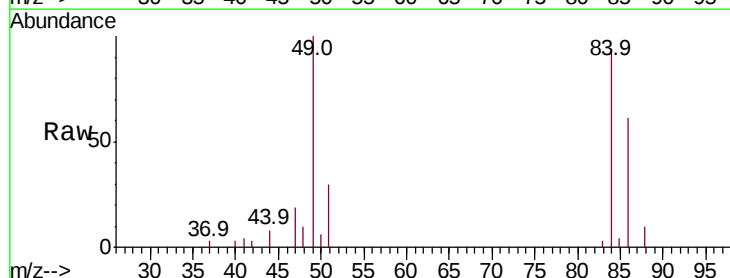
Ion Ratio Lower Upper

84 100

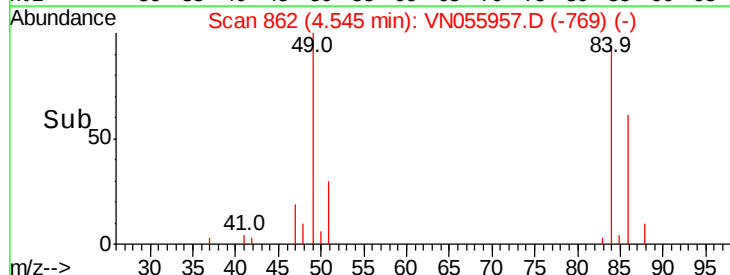
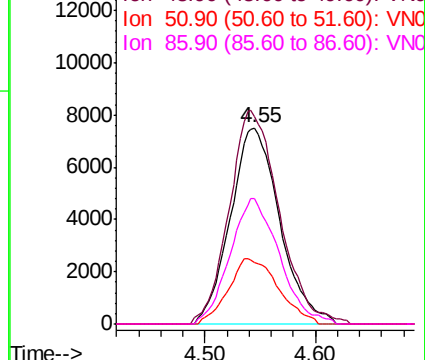
49 105.9 93.5 140.3

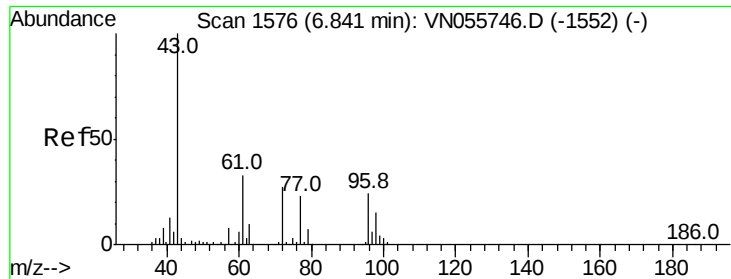
51 31.7 28.6 43.0

86 64.3 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VNC

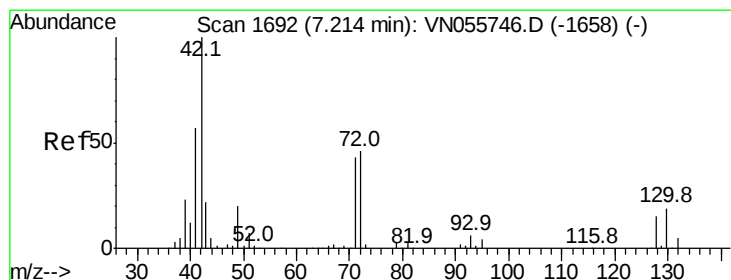
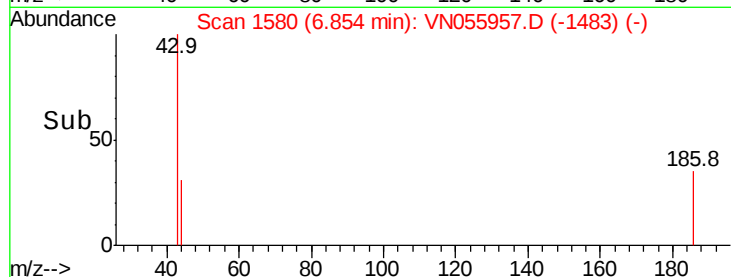
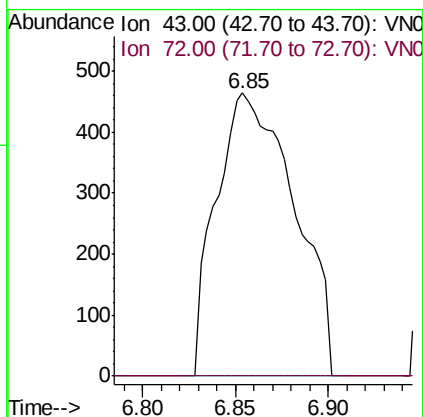
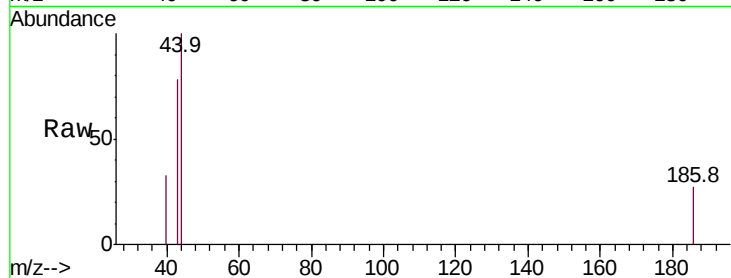




#25
2-Butanone
Concen: 0.573 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN055957.D
Acq: 3 Jun 2019 13:25

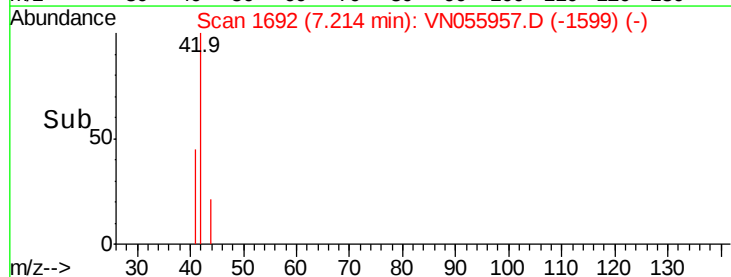
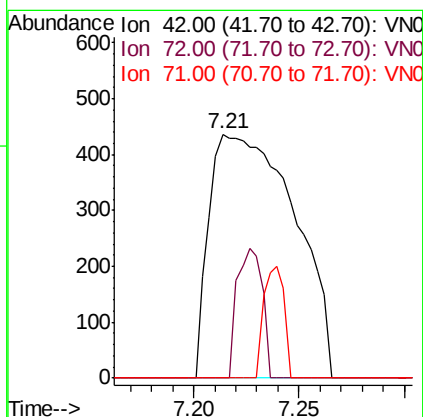
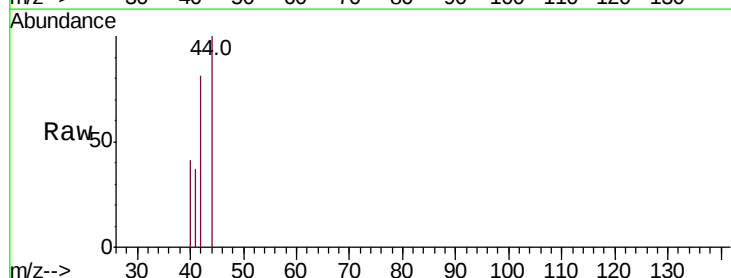
Instrument :
MSVOA_N
ClientSampled :

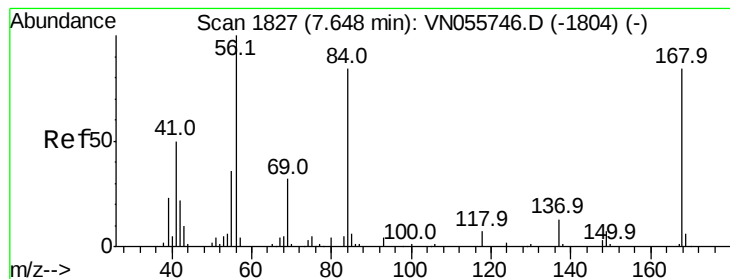
Tot Ion: 43 Resp: 1364
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#



#29
Tetrahydrofuran
Concen: 0.811 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055957.D
Acq: 3 Jun 2019 13:25

Tgt Ion: 42 Resp: 1222
Ion Ratio Lower Upper
42 100
72 15.5 35.9 53.9#
71 0.0 34.0 51.0#





#31

Cyclohexane

Concen: 0.924 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampled :

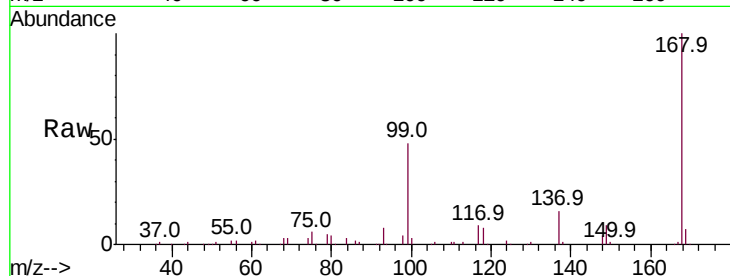
Tot Ion: 56 Resp: 5374

Ion Ratio Lower Upper

56 100

69 200.2 25.6 38.4#

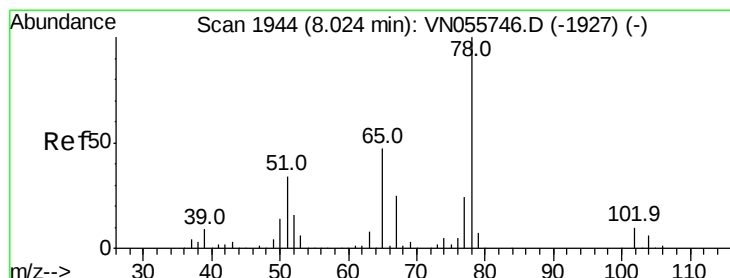
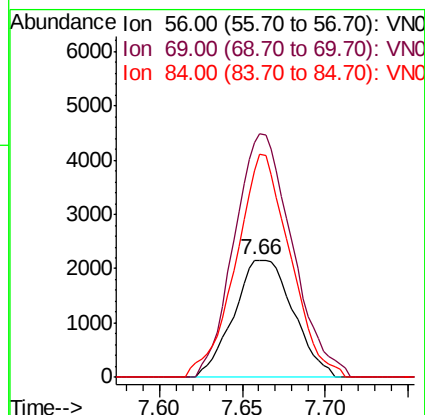
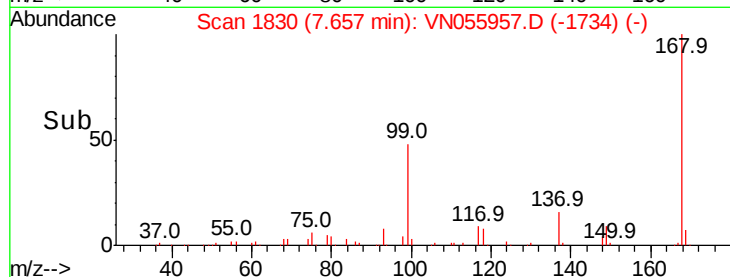
84 168.6 67.4 101.0#



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: 48.894 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055957.D

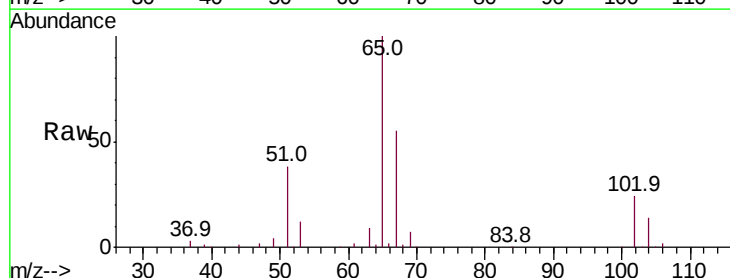
Acq: 3 Jun 2019 13:25

Tgt Ion: 65 Resp: 189440

Ion Ratio Lower Upper

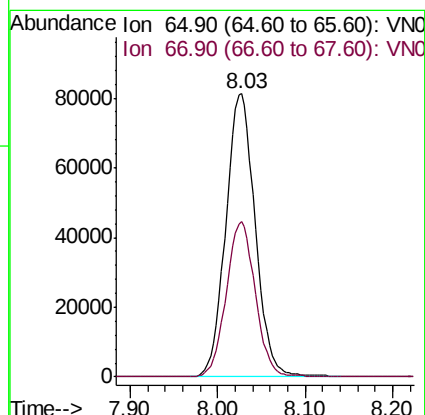
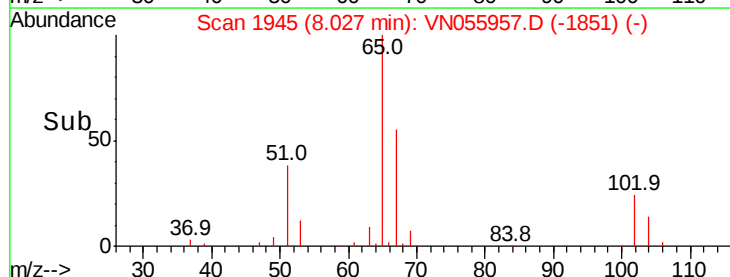
65 100

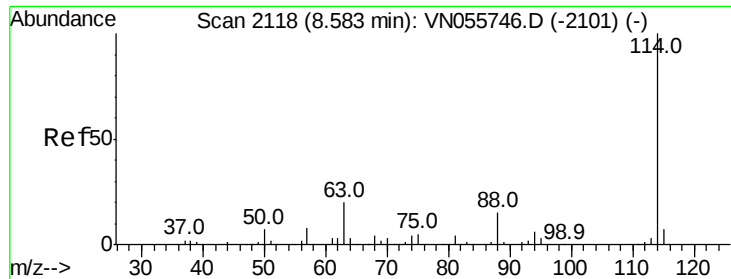
67 54.2 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

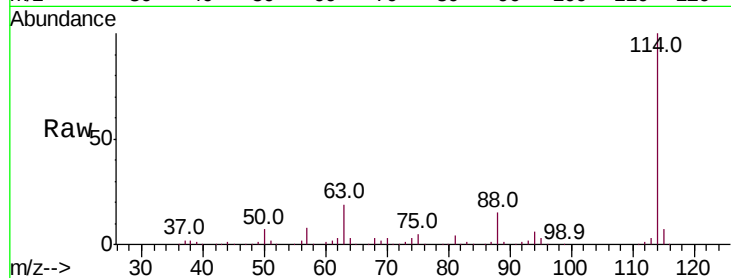




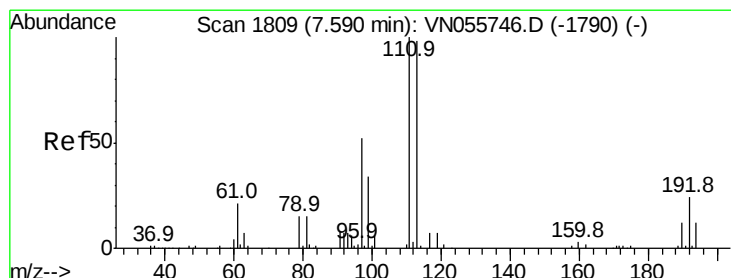
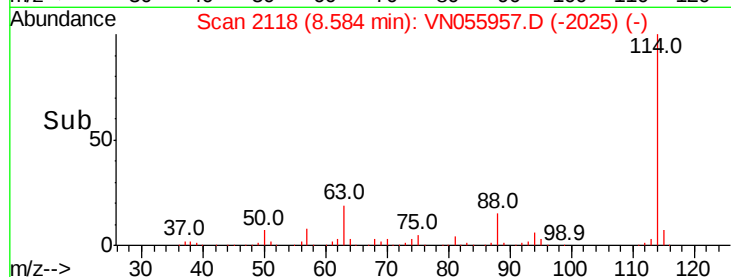
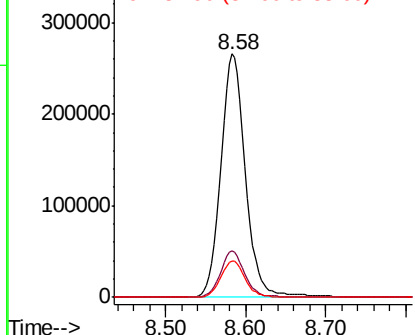
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055957.D
 Acq: 3 Jun 2019 13:25

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 565013
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 15.0 0.0 31.0

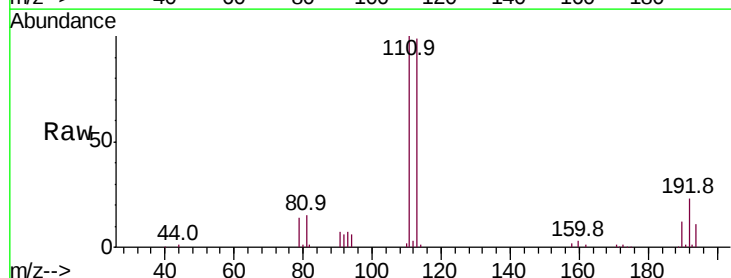


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

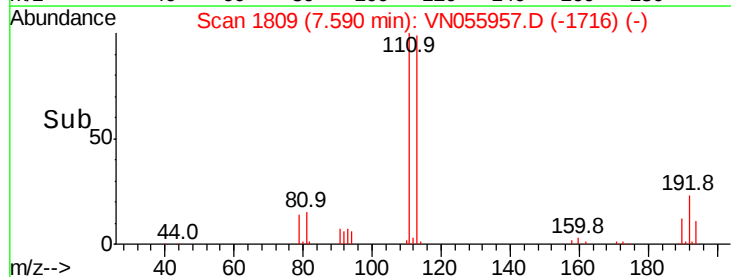
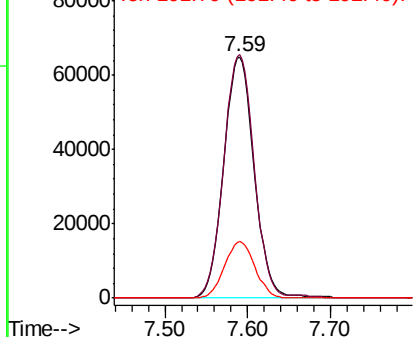


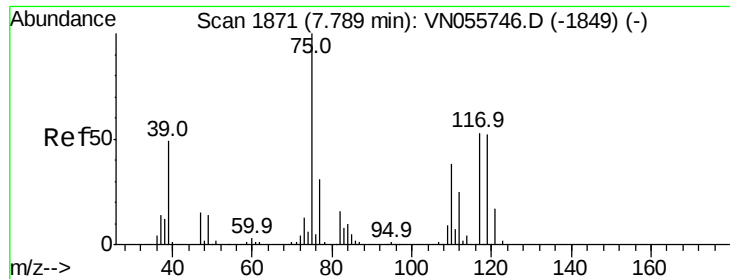
#35
 Dibromofluoromethane
 Concen: 46.512 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055957.D
 Acq: 3 Jun 2019 13:25

Tgt Ion:113 Resp: 166149
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.9 122.9
 192 23.2 19.5 29.3



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

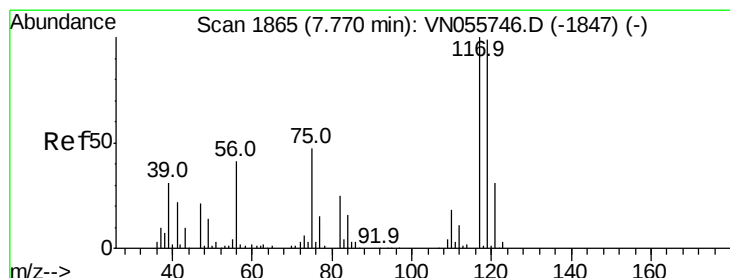
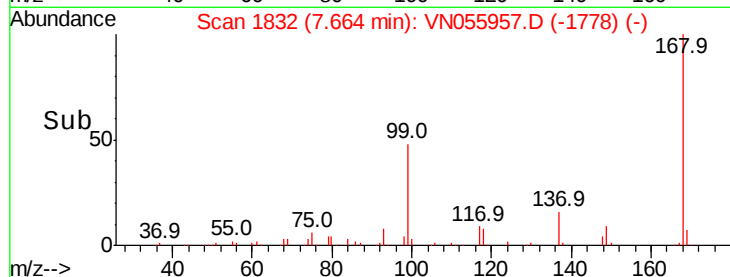
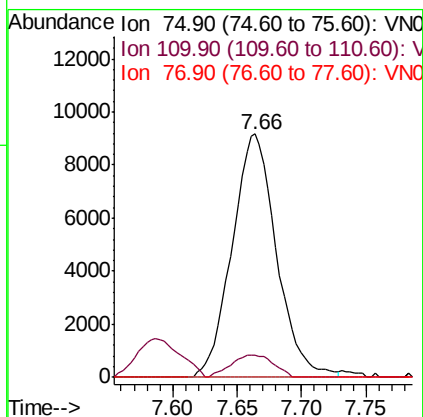
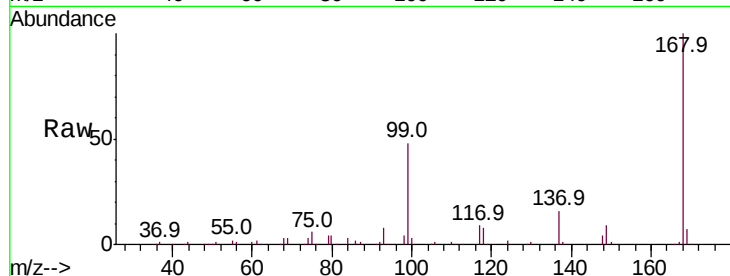




#36
 1,1-Dichloropropene
 Concen: 4.462 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055957.D
 Acq: 3 Jun 2019 13:25

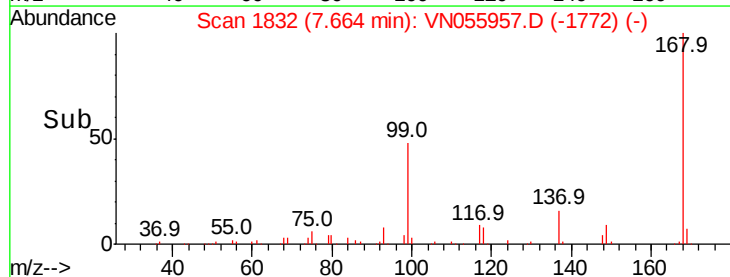
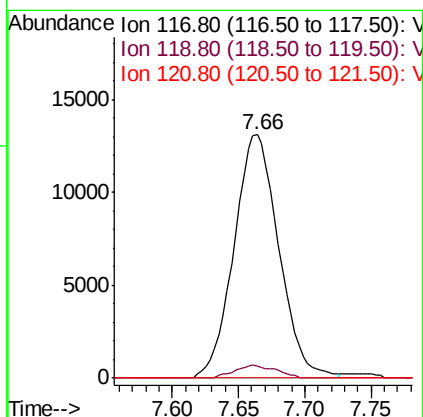
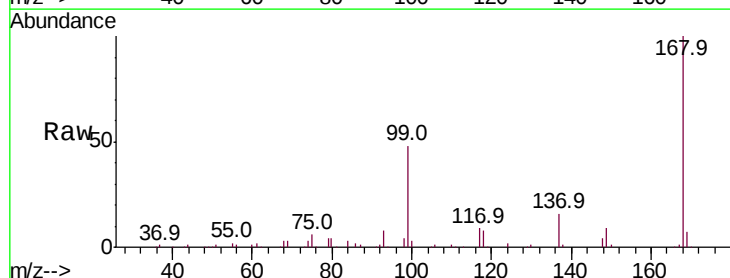
Instrument :
 MSVOA_N
 ClientSampleId :

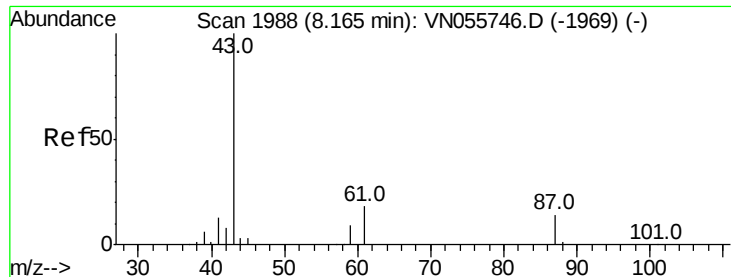
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	19.0	57.0#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.013 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN055957.D
 Acq: 3 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	79.0	118.6#
121	0.0	24.7	37.1#





#43

Isopropyl Acetate

Concen: 1.719 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

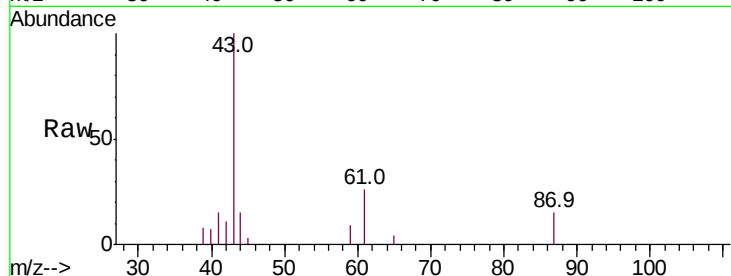
Tot Ion: 43 Resp: 13742

Ion Ratio Lower Upper

43 100

61 19.6 22.2 33.4#

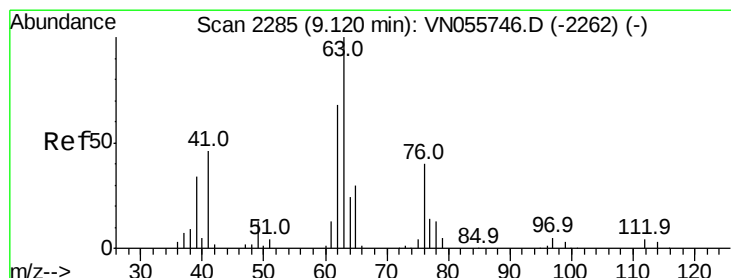
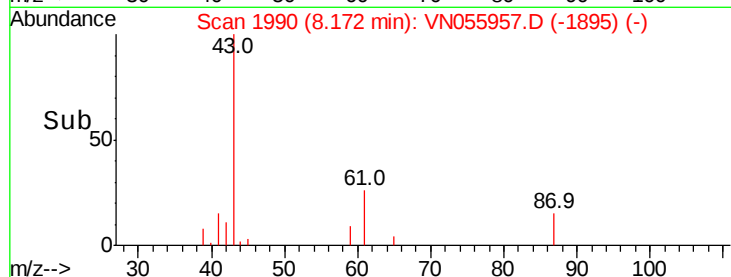
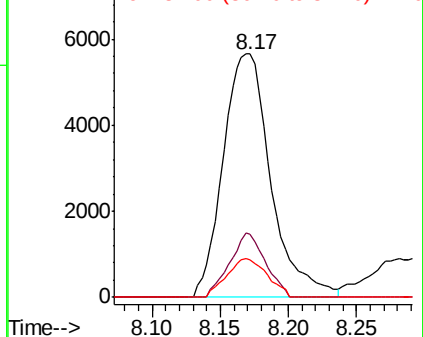
87 13.4 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.387 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN055957.D

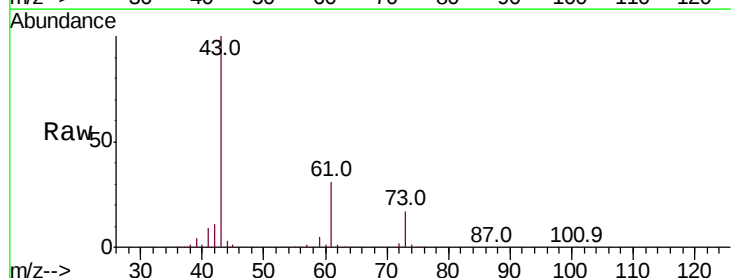
Acq: 3 Jun 2019 13:25

Tgt Ion: 63 Resp: 1495

Ion Ratio Lower Upper

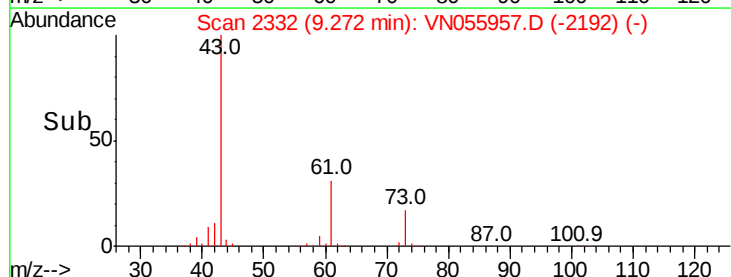
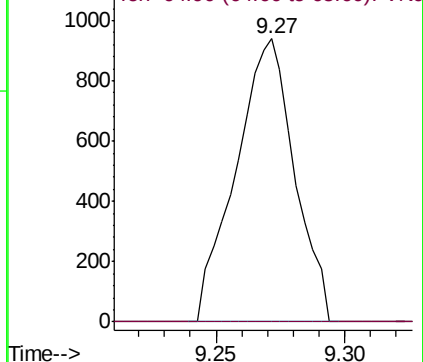
63 100

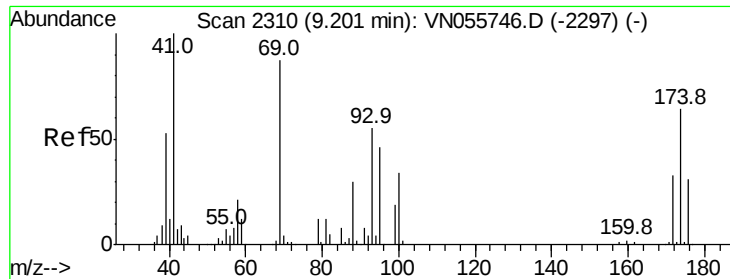
65 0.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

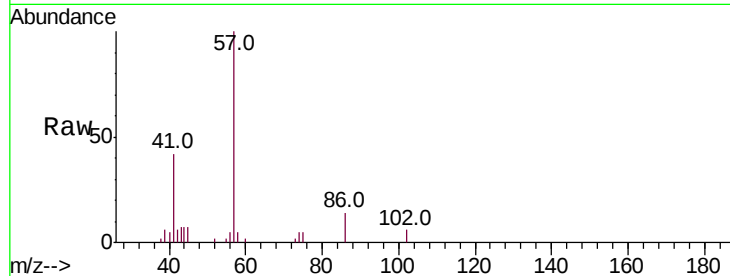




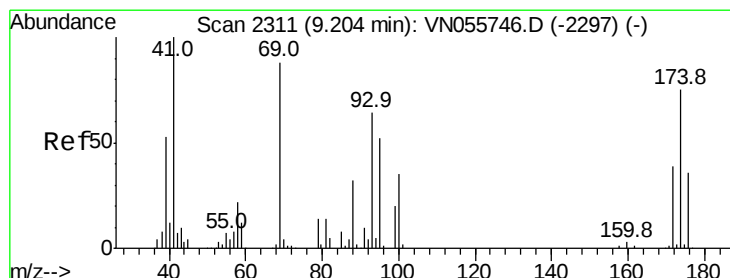
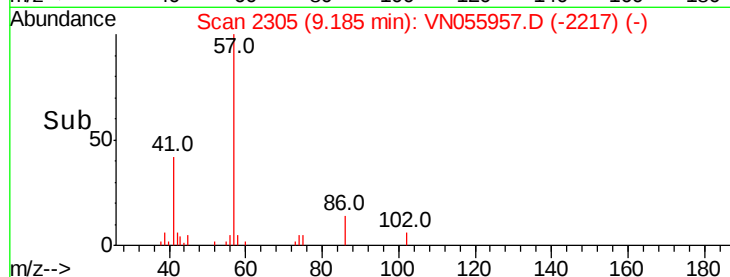
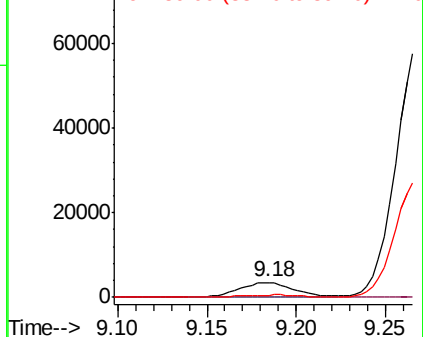
#48
Methvl methacrylate
Concen: 2.055 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN055957.D
Acq: 3 Jun 2019 13:25

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 7572
Ion Ratio Lower Upper
41 100
69 0.0 71.0 106.6#
39 0.0 44.2 66.2#

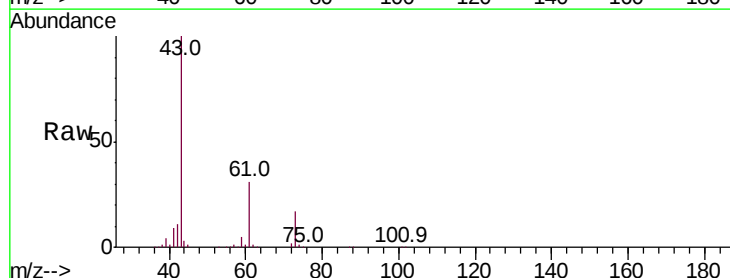


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

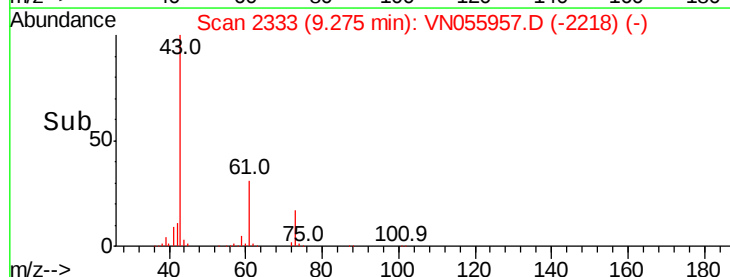
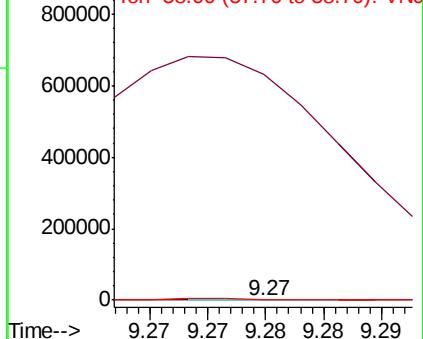


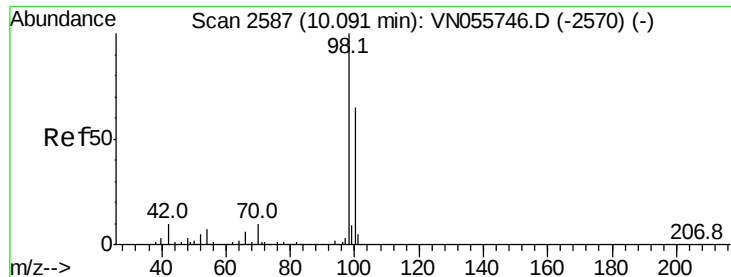
#49
1,4-Dioxane
Concen: 0.392 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN055957.D
Acq: 3 Jun 2019 13:25

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 4324960.0 20.5 30.7#
58 19486.7 55.8 83.6#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 49.862 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Instrument :

MSVOA_N

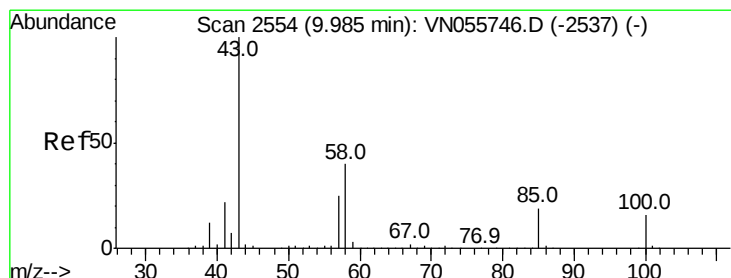
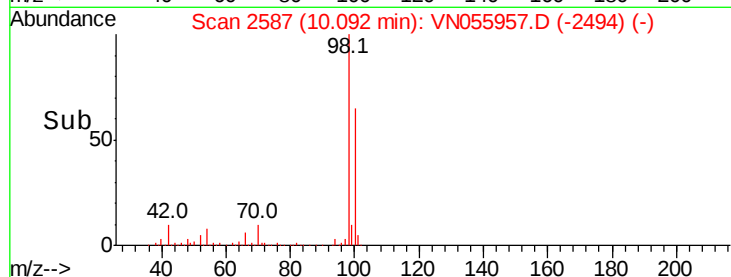
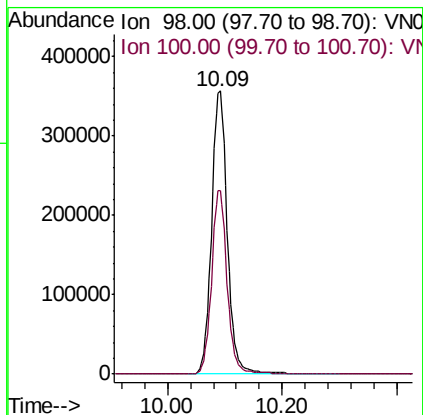
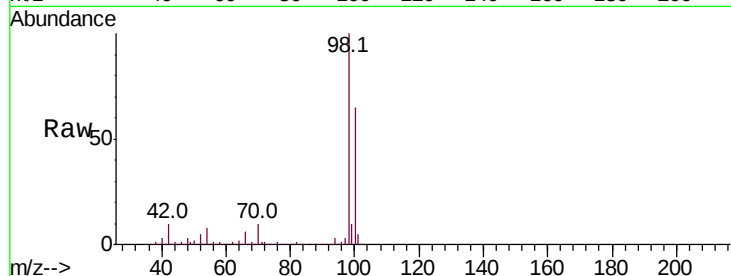
ClientSampled :

Tot Ion: 98 Resp: 683234

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.867 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055957.D

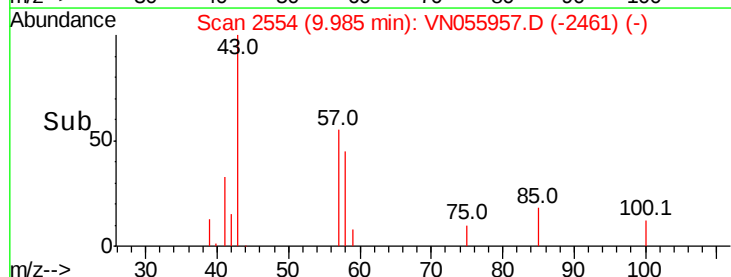
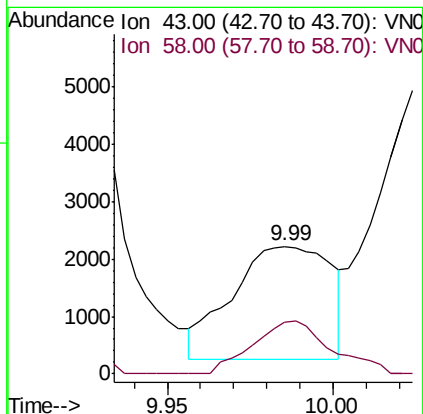
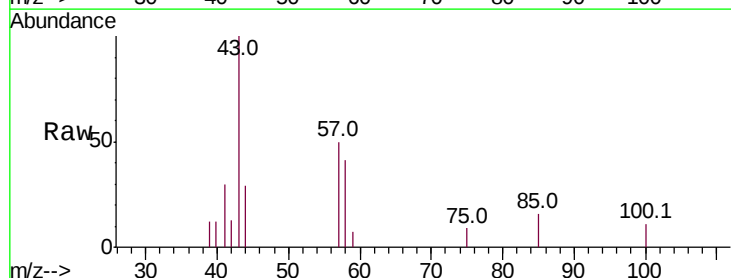
Acq: 3 Jun 2019 13:25

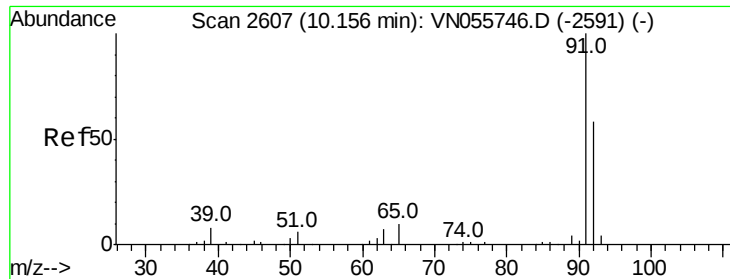
Tgt Ion: 43 Resp: 4096

Ion Ratio Lower Upper

43 100

58 37.2 32.1 48.1





#52

Toluene

Concen: 0.226 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Instrument :

MSVOA_N

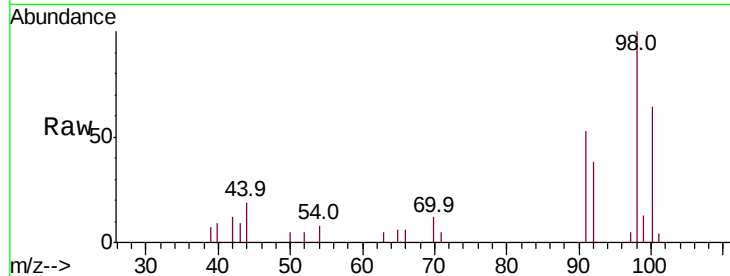
ClientSampleId :

Tot Ion: 92 Resp: 2110

Ion Ratio Lower Upper

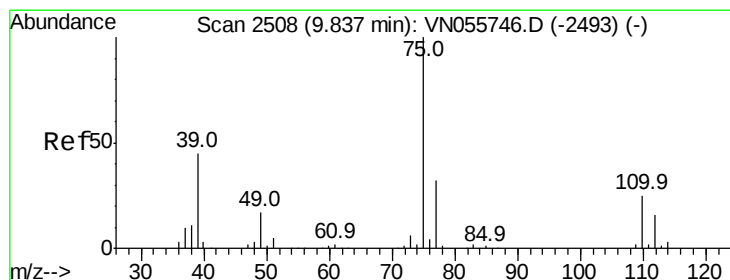
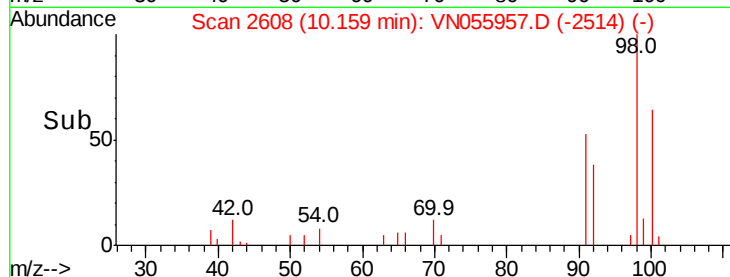
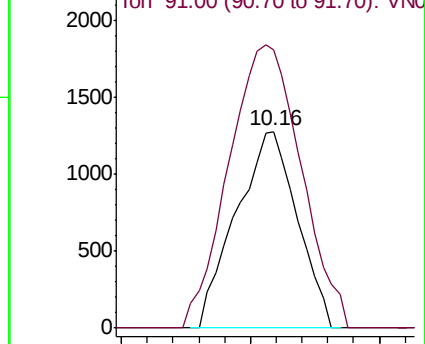
92 100

91 170.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 9.281 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

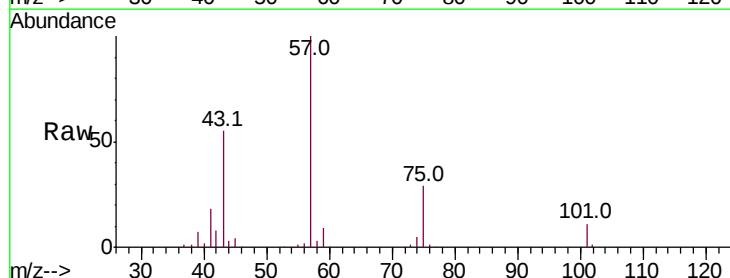
Tgt Ion: 75 Resp: 57063

Ion Ratio Lower Upper

75 100

77 0.5 25.4 38.0#

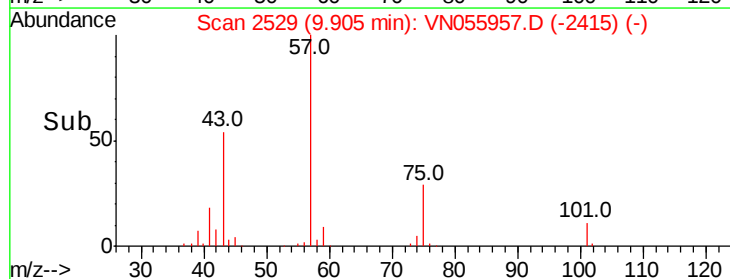
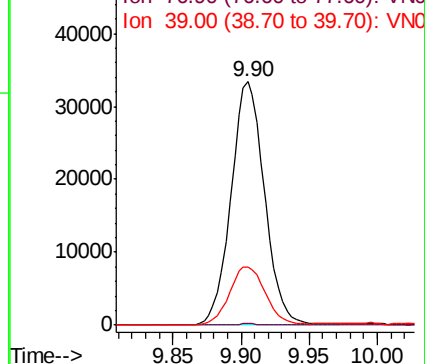
39 23.8 36.3 54.5#

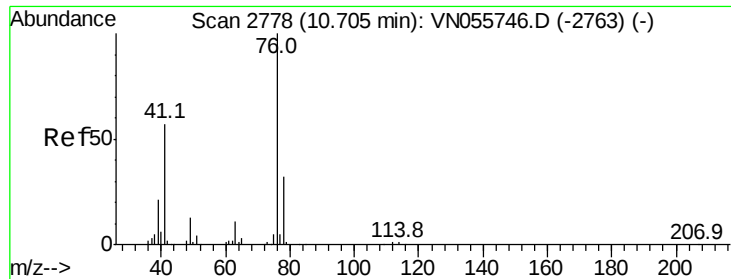


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

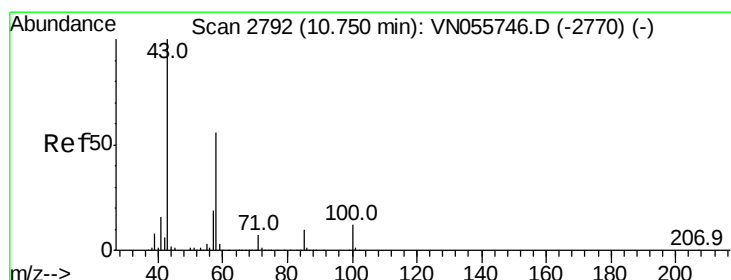
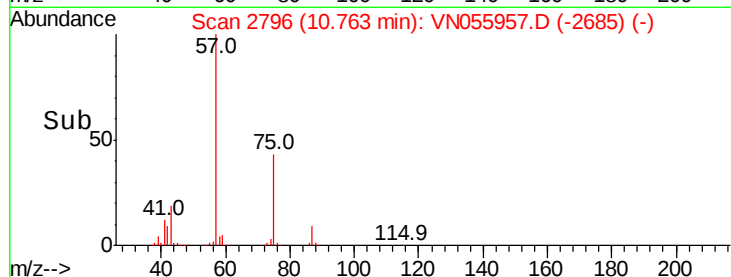
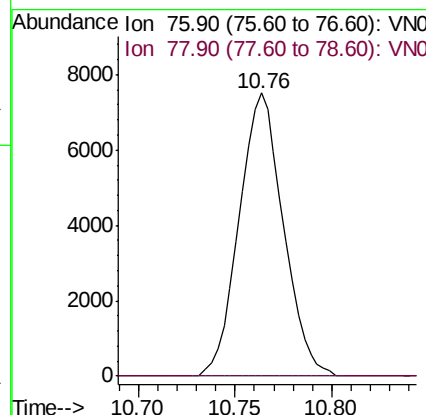
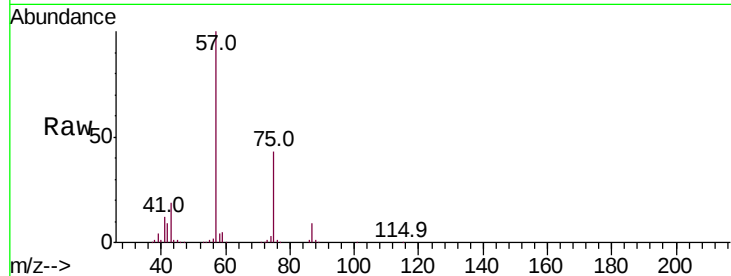




#57
 1,3-Dichloropropane
 Concen: 1.963 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055957.D
 Acq: 3 Jun 2019 13:25

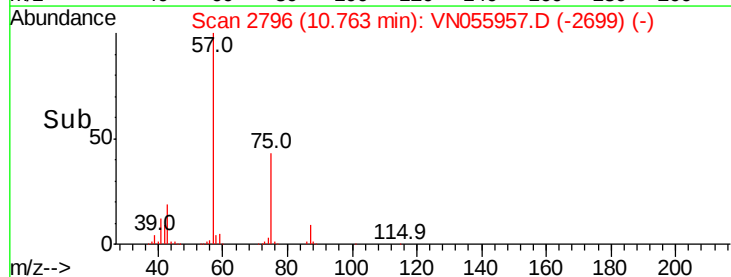
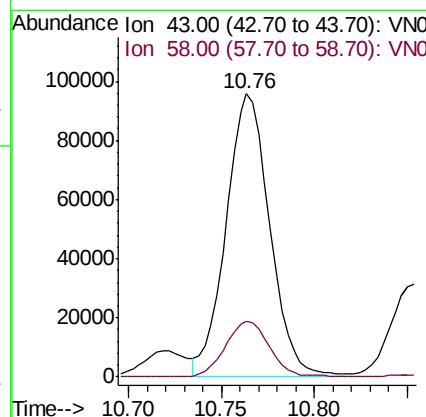
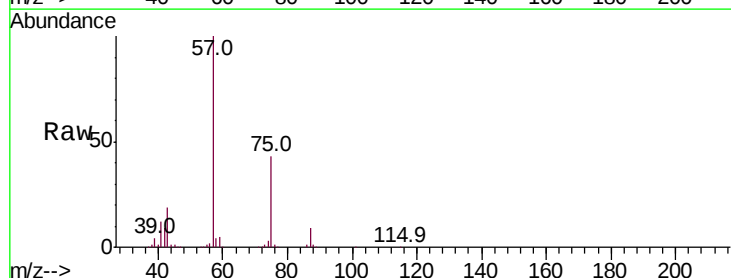
Instrument :
 MSVOA_N
 ClientSampleId :

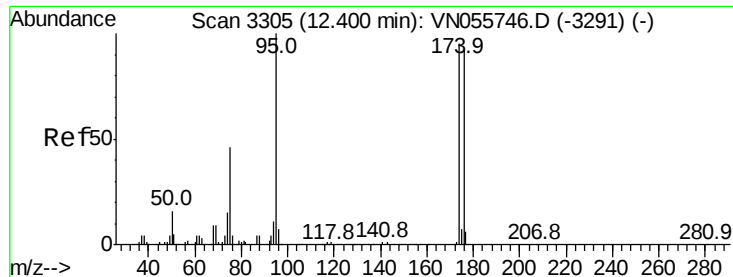
Tot Ion: 76 Resp: 11928
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#



#59
 2-Hexanone
 Concen: 46.494 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055957.D
 Acq: 3 Jun 2019 13:25

Tgt Ion: 43 Resp: 155759
 Ion Ratio Lower Upper
 43 100
 58 20.1 28.2 84.7#





#62

4-Bromofluorobenzene

Concen: 44.300 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampled :

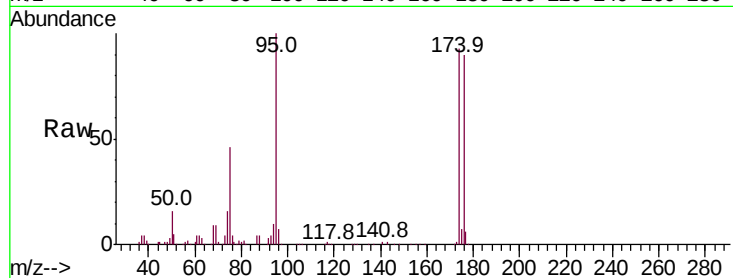
Tot Ion: 95 Resp: 208144

Ion Ratio Lower Upper

95 100

174 93.0 0.0 191.0

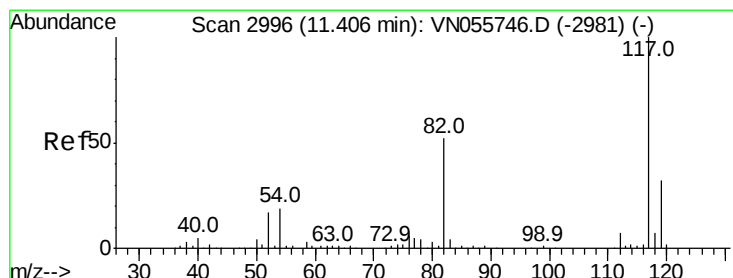
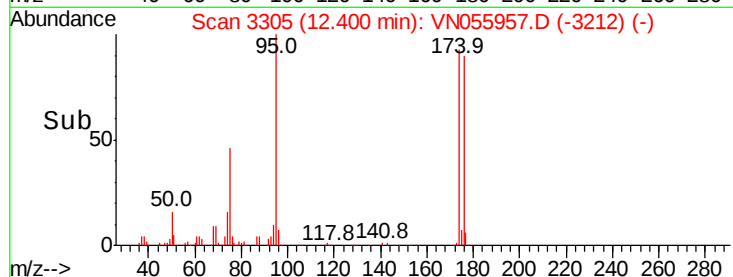
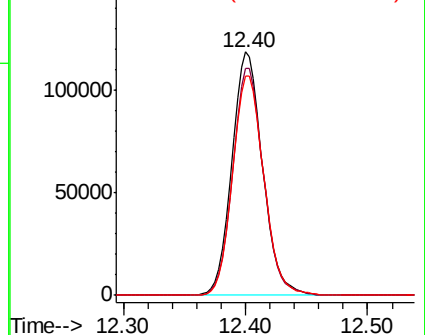
176 91.8 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

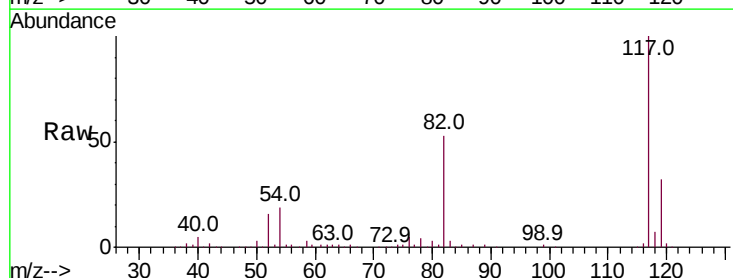
Tgt Ion: 117 Resp: 522792

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.8

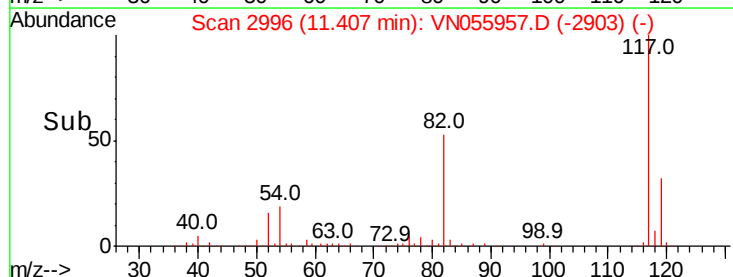
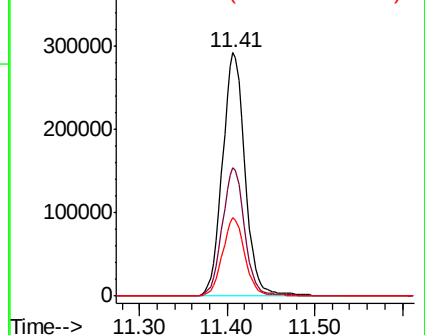
119 32.0 25.4 38.0

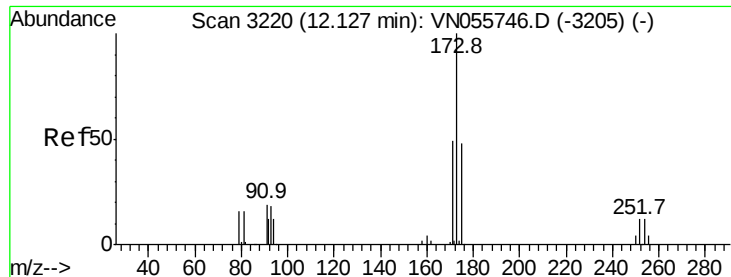


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.424 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampled :

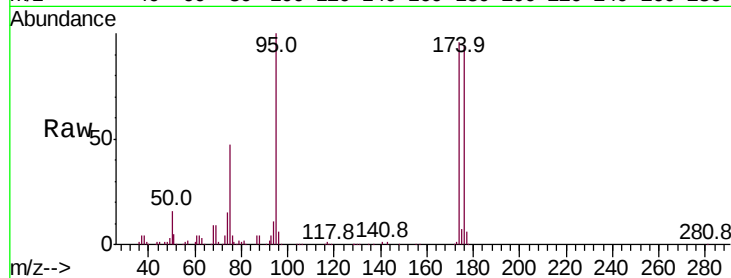
Tot Ion:173 Resp: 1511

Ion Ratio Lower Upper

173 100

175 814.4 24.3 72.8#

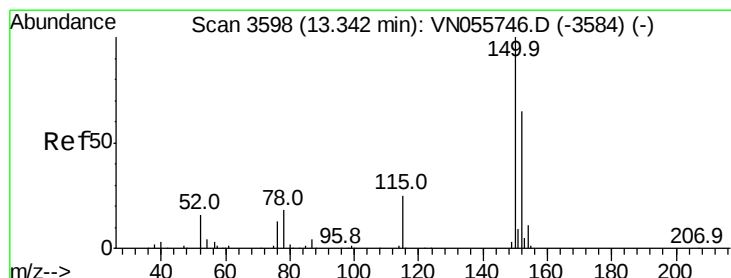
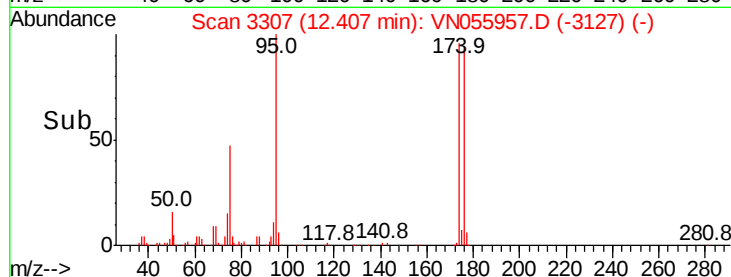
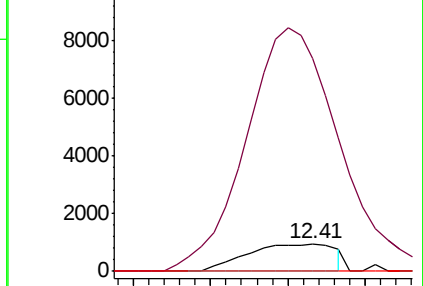
254 0.0 0.0 0.0



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: VN055957.D

Acq: 3 Jun 2019 13:25

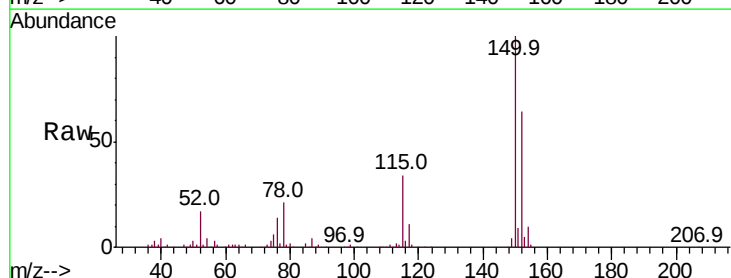
Tgt Ion:152 Resp: 163892

Ion Ratio Lower Upper

152 100

115 53.1 27.0 81.0

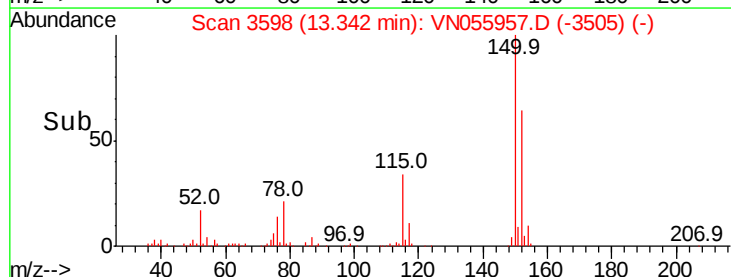
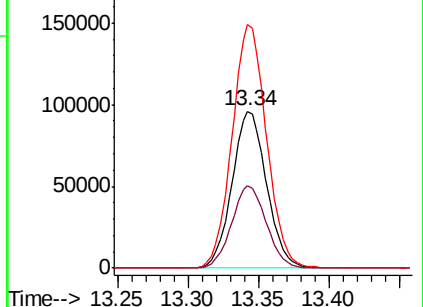
150 155.5 0.0 343.2

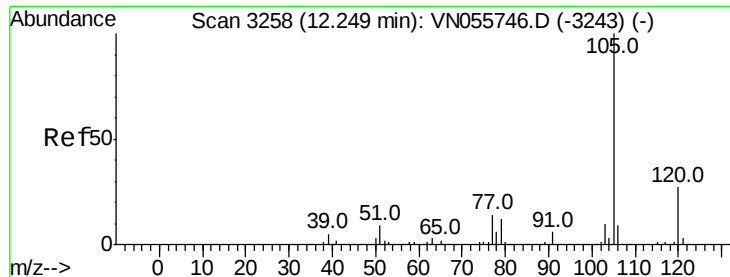


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Instrument :

MSVOA_N

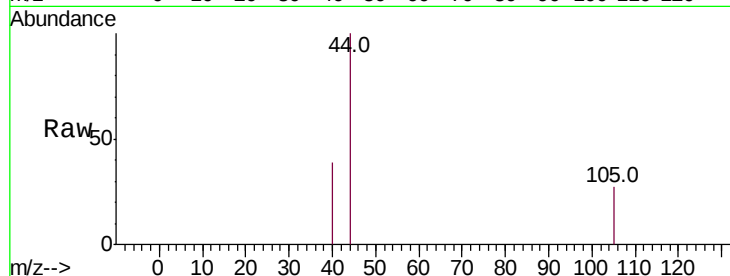
ClientSampleId :

Tot Ion:105 Resp: 29

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

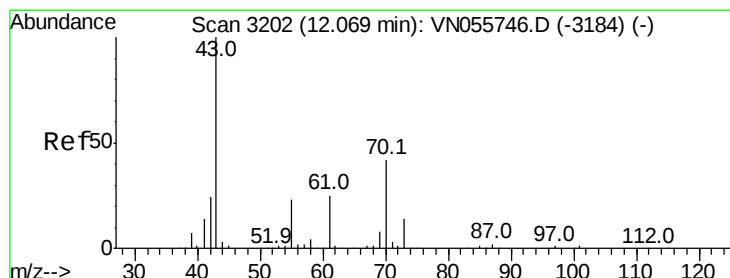
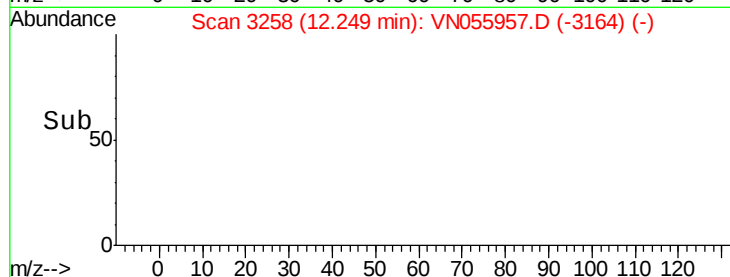
150

100

50

0

Time-->



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.05 min Scan# 3196

Delta R.T. -0.02 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Tgt Ion: 43 Resp: 654

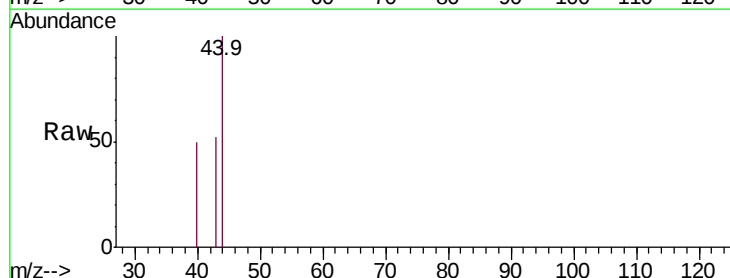
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

400

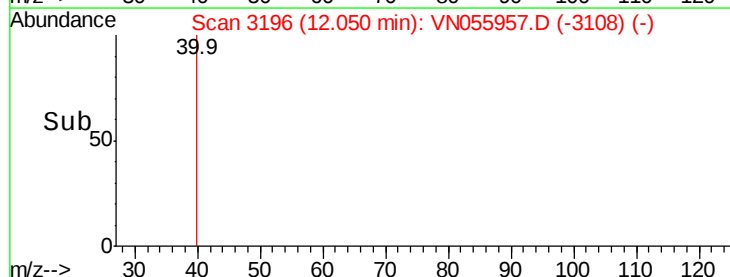
300

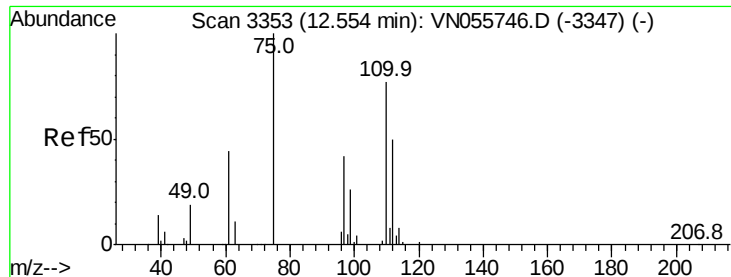
200

100

0

Time-->





#76

1,2,3-Trichloropropane

Concen: 33.015 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Instrument :

MSVOA_N

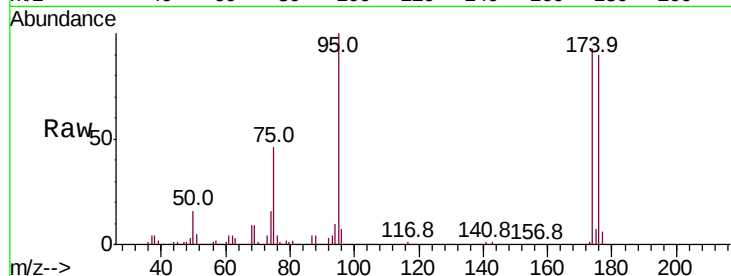
ClientSampled :

Tot Ion: 75 Resp: 96188

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

60000

50000

40000

30000

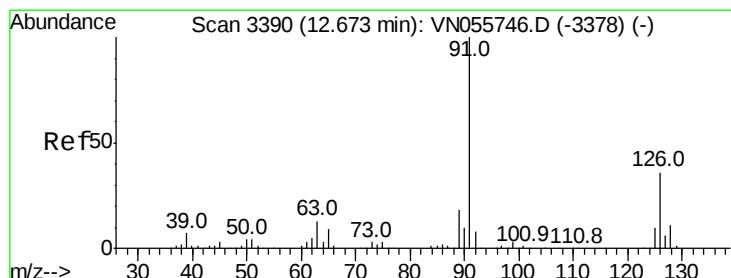
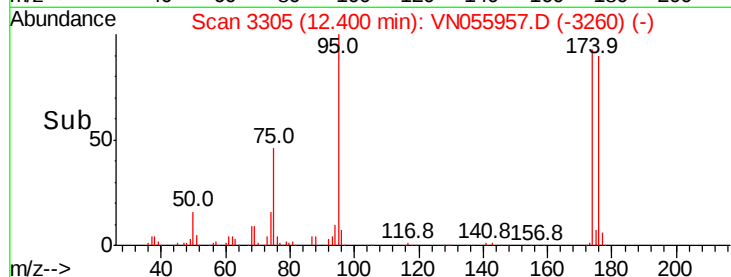
20000

10000

0

12.35 12.40 12.45 12.50

Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN055957.D

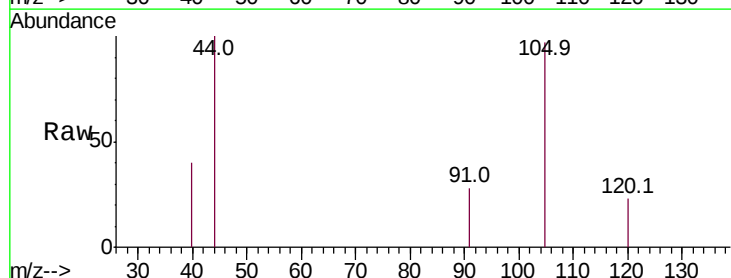
Acq: 3 Jun 2019 13:25

Tgt Ion: 91 Resp: 102

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

200

150

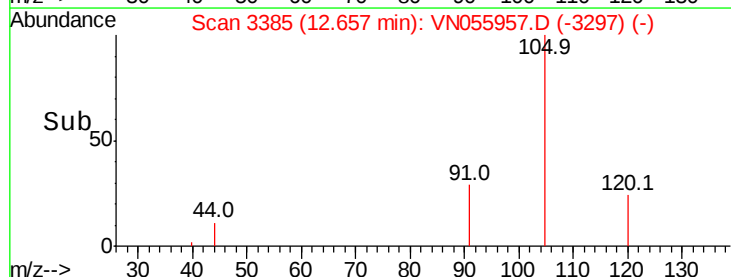
100

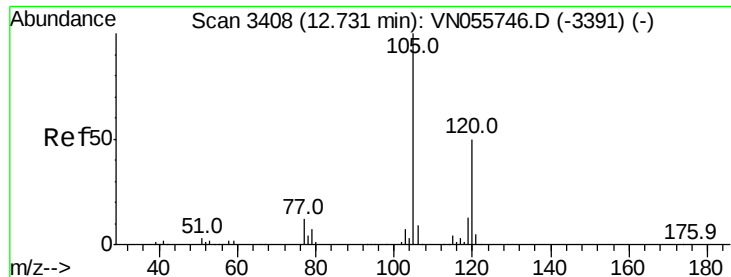
50

0

12.64 12.65 12.66 12.67

Time-->





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Instrument :

MSVOA_N

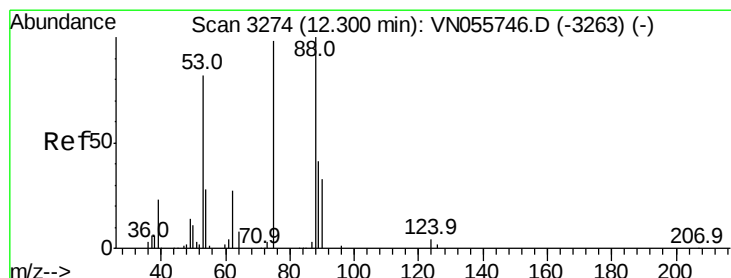
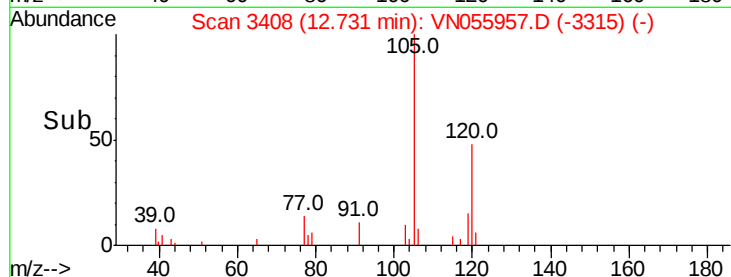
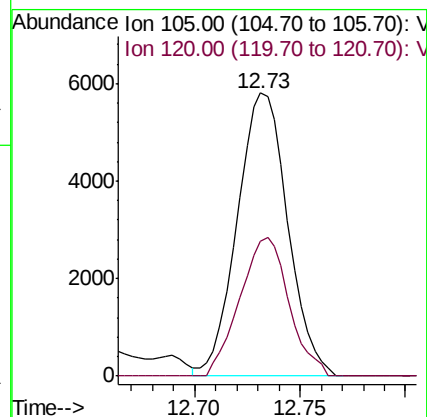
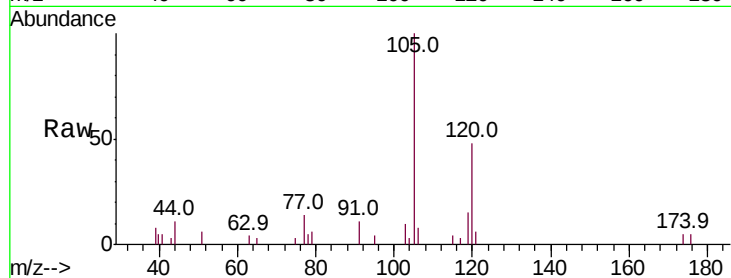
ClientSampled :

Tot Ion:105 Resp: 9659

Ion Ratio Lower Upper

105 100

120 47.5 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 78.966 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

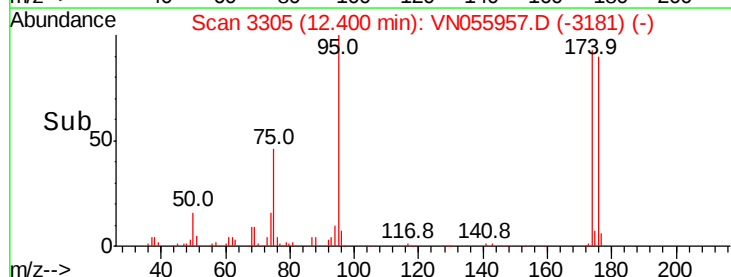
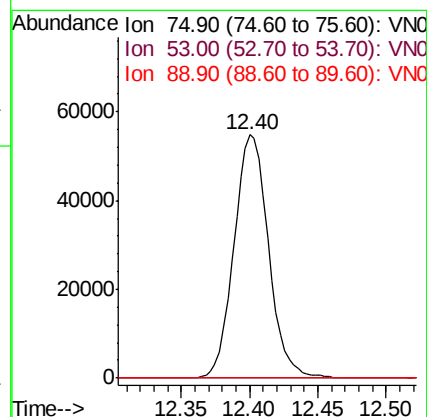
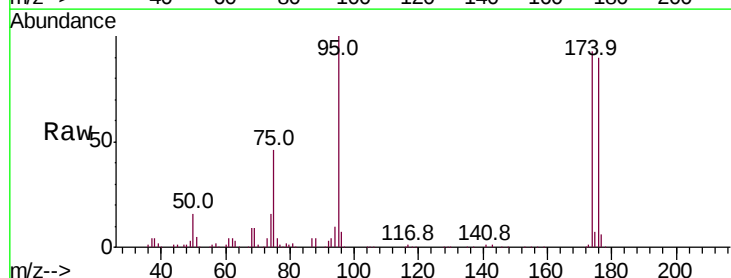
Tgt Ion: 75 Resp: 96188

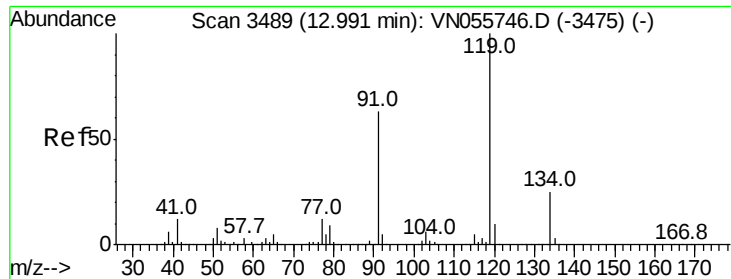
Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

89 0.0 36.9 55.3#





#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

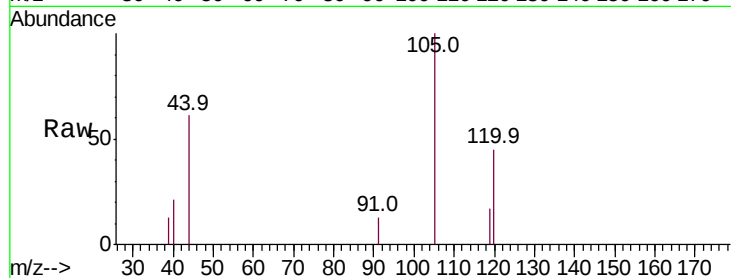
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:119 Resp: 152

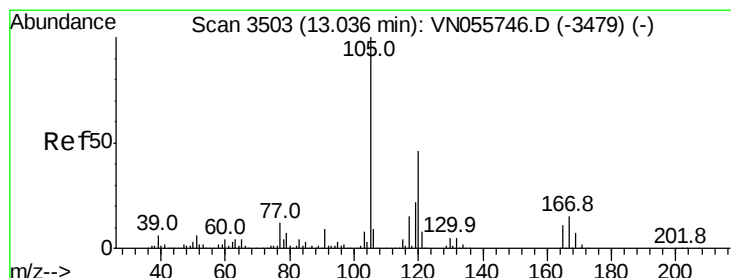
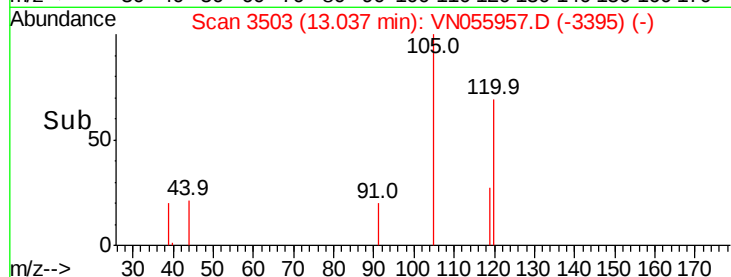
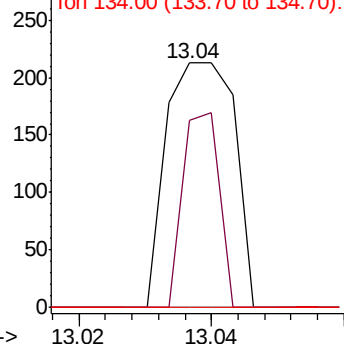
Ion	Ratio	Lower	Upper
119	100		
91	42.1	30.9	92.8
134	0.0	13.3	39.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3504

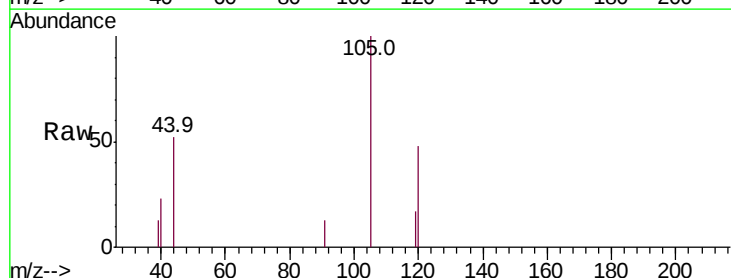
Delta R.T. 0.00 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

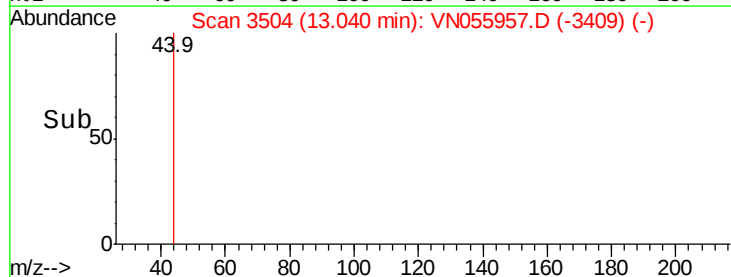
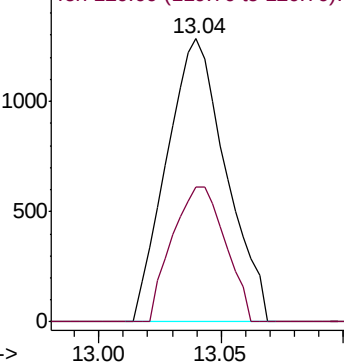
Tgt Ion:105 Resp: 2169

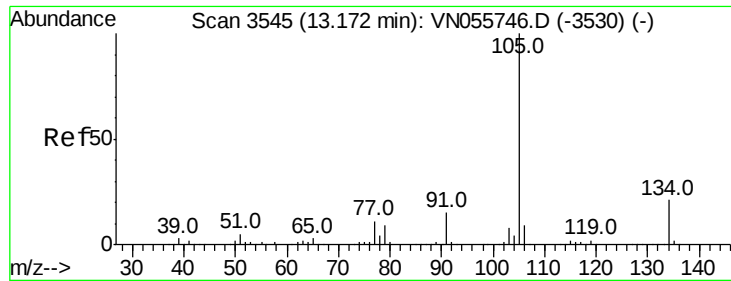
Ion	Ratio	Lower	Upper
105	100		
120	42.8	23.0	69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Instrument :

MSVOA_N

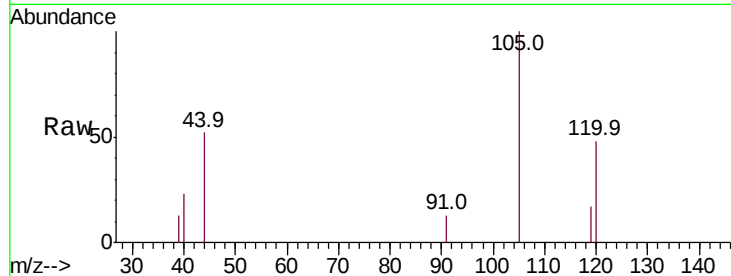
ClientSampleId :

Tot Ion:105 Resp: 2169

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.04

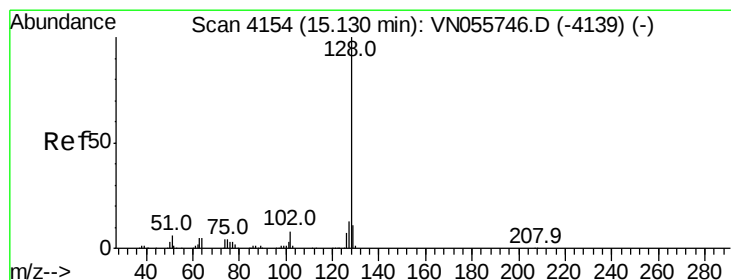
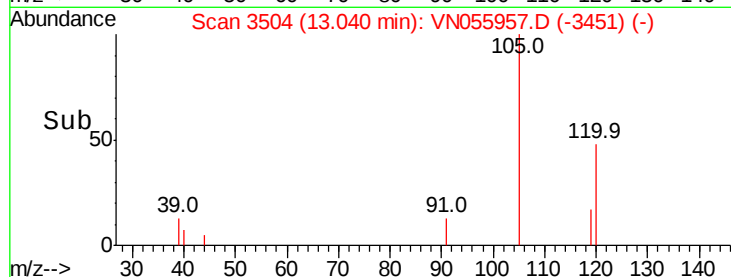
1500

1000

500

0

Time-->



#95

Naphthalene

Concen: 0.306 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

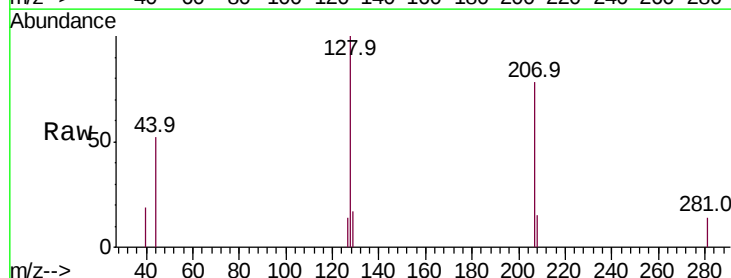
Tgt Ion:128 Resp: 2317

Ion Ratio Lower Upper

128 100

127 5.0 10.3 15.5#

129 7.6 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

15.14

1500

1000

500

0

Time-->

