

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
 Data File : VN055947.D
 Acq On : 1 Jun 2019 4:31
 Operator : JC/SP
 Sample : K3125-25 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 13899

Quant Time: Jun 01 05:38:28 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	347312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	531712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	496131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190699	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	177938	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	7.59	113	152911	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
50) Toluene-d8	10.09	98	628145	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.40	95	214067	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

Target Compounds

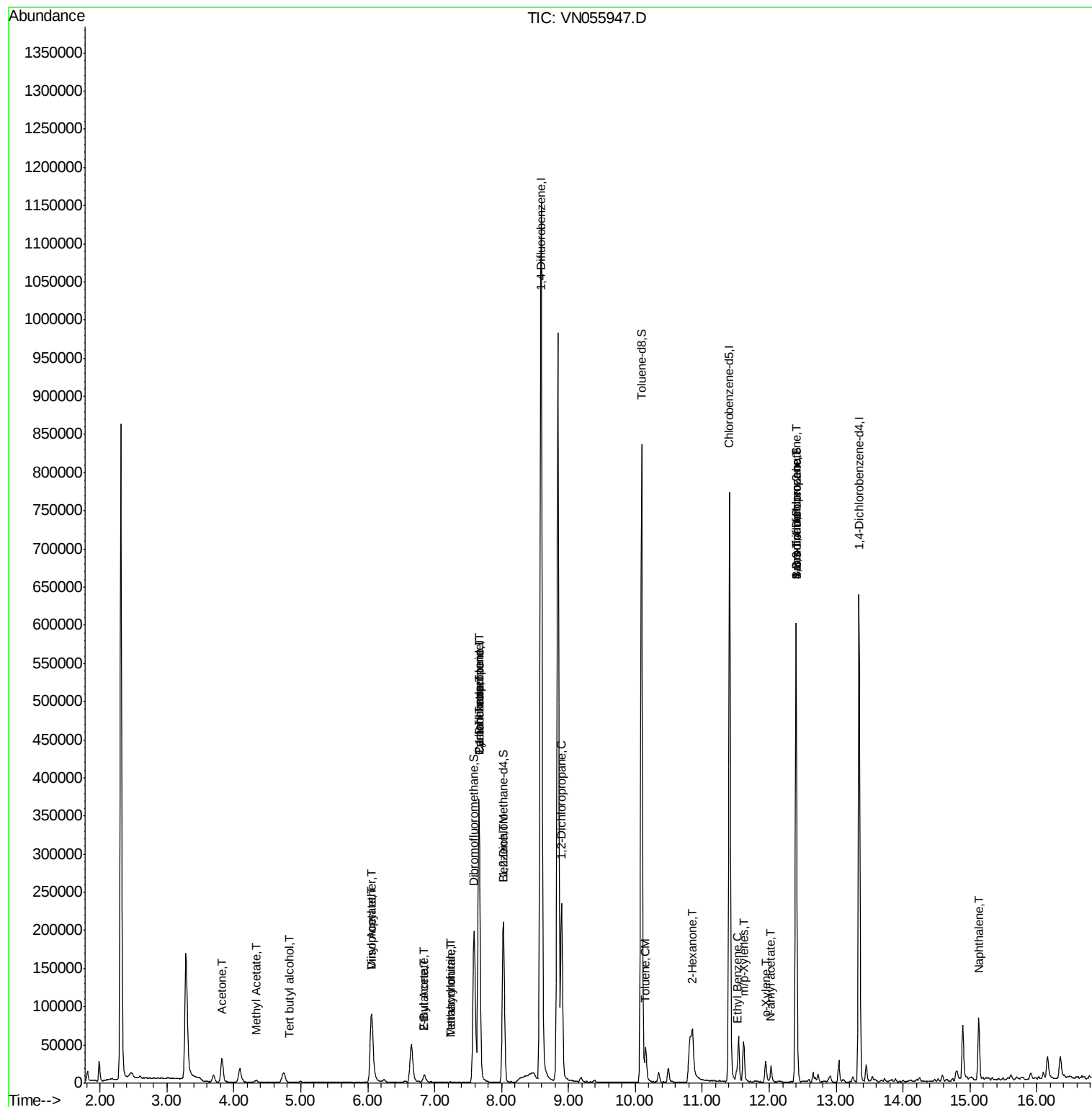
						Qvalue
11) Tert butyl alcohol	4.82	59	455	0.664	ug/l #	74
16) Acetone	3.82	43	52129	33.063	ug/l	99
18) Methyl Acetate	4.33	43	6007	0.626	ug/l #	75
22) Diisopropyl ether	6.05	45	7811	0.793	ug/l #	1
23) Vinyl Acetate	6.05	43	17698	2.096	ug/l #	71
25) 2-Butanone	6.85	43	4338	1.970	ug/l	92
29) Tetrahydrofuran	7.24	42	1129	0.810	ug/l #	32
31) Cyclohexane	7.66	56	5159	0.958	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21532	4.647	ug/l #	48
37) Ethyl Acetate	6.85	43	4338	0.969	ug/l #	67
38) Carbon Tetrachloride	7.66	117	28407	5.886	ug/l #	15
40) Benzene	8.04	78	4773	0.342	ug/l	99
41) Methacrylonitrile	7.24	41	466	0.206	ug/l #	19
45) 1,2-Dichloropropane	8.90	63	1199	0.330	ug/l #	1
52) Toluene	10.16	92	18587	2.116	ug/l	98
59) 2-Hexanone	10.85	43	57793	18.332	ug/l #	50
67) Ethyl Benzene	11.51	91	10520	0.591	ug/l	98
68) m/p-Xylenes	11.62	106	18387	2.731	ug/l	99
69) o-Xylene	11.95	106	8474	1.268	ug/l	99
71) Bromoform	12.40	173	1589	0.470	ug/l #	1
73) Isopropylbenzene	12.25	105	713	Below Cal	#	48
74) N-amyl acetate	12.03	43	13854	0.424	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.37	83	368	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	98551	28.669	ug/l #	100
79) 2-Chlorotoluene	12.65	91	1363	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	4436	Below Cal		96
81) trans-1,4-Dichloro-2-buten	12.40	75	98551	69.533	ug/l #	15
83) tert-Butylbenzene	13.04	119	2209	Below Cal	#	69
84) 1,2,4-Trimethylbenzene	13.04	105	18149	Below Cal		100
85) sec-Butylbenzene	13.04	105	18149	Below Cal	#	55
95) Naphthalene	15.13	128	73245	8.303	ug/l	100

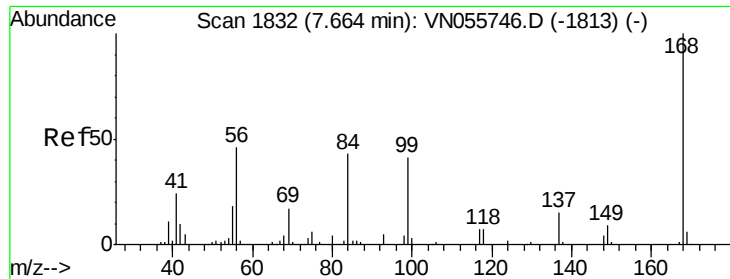
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055947.D

Acq: 1 Jun 2019 4:31

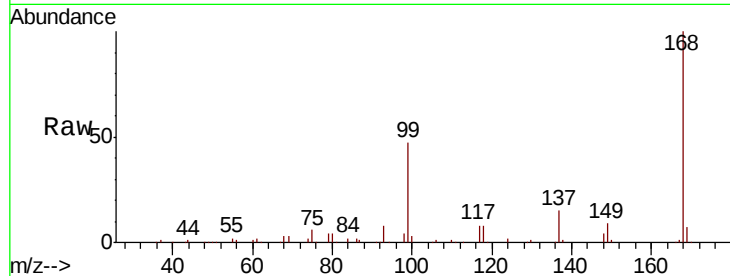
Instrument :
MSVOA_N
ClientSampled :
13899

Tot Ion:168 Resp: 347312

Ion Ratio Lower Upper

168 100

99 47.1 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

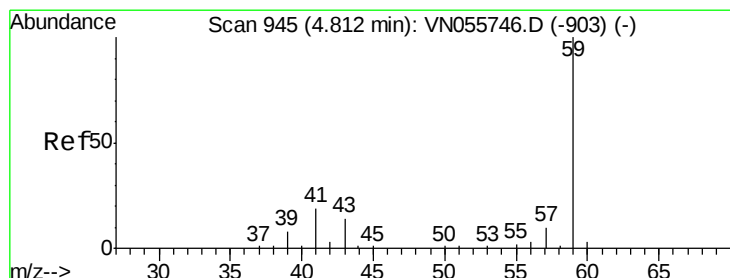
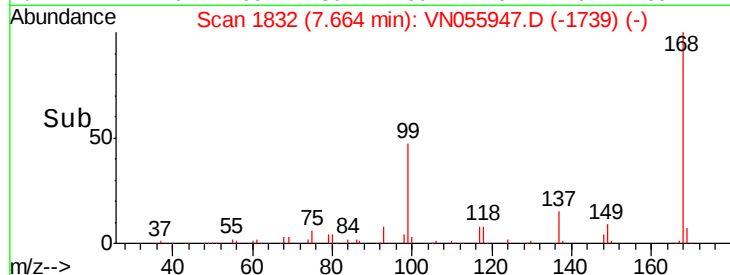
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.664 ug/l

RT: 4.82 min Scan# 948

Delta R.T. 0.01 min

Lab File: VN055947.D

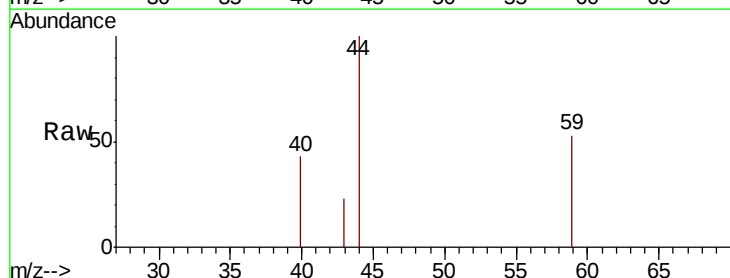
Acq: 1 Jun 2019 4:31

Tgt Ion: 59 Resp: 455

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.82

600

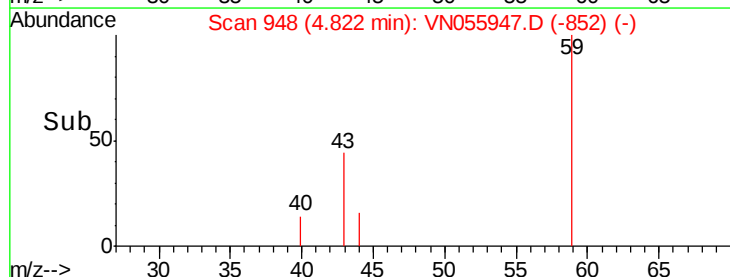
400

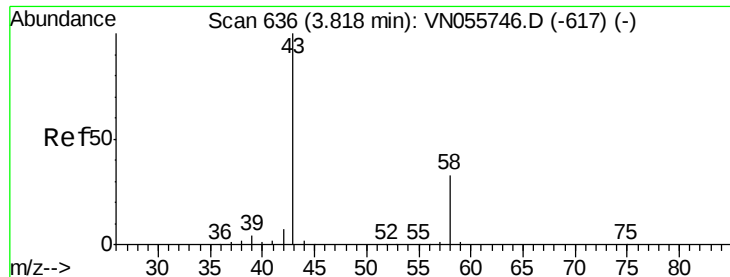
200

0

4.80 4.82 4.84 4.86

Time-->





#16

Acetone

Concen: 33.063 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

Instrument :

MSVOA_N

ClientSampled :

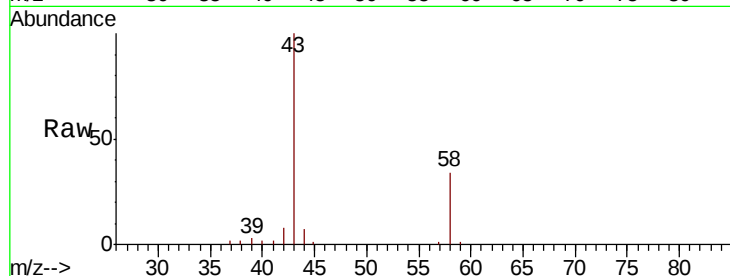
13899

Tot Ion: 43 Resp: 52129

Ion Ratio Lower Upper

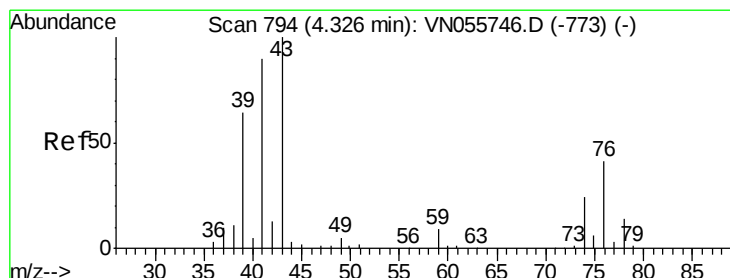
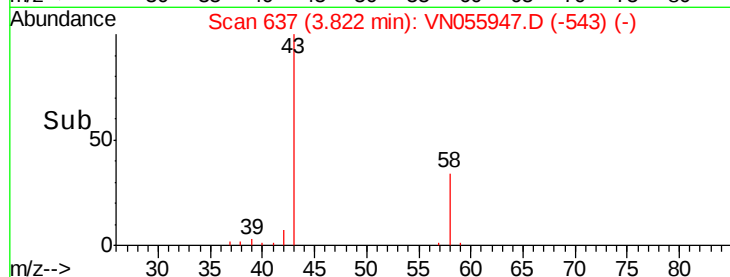
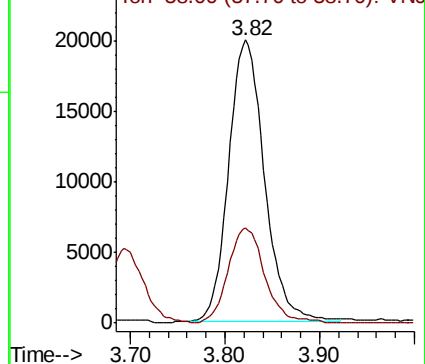
43 100

58 33.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.626 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055947.D

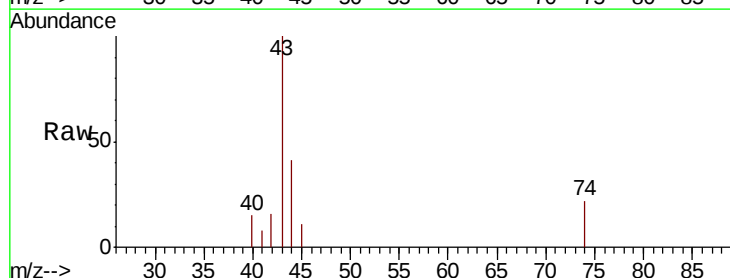
Acq: 1 Jun 2019 4:31

Tgt Ion: 43 Resp: 6007

Ion Ratio Lower Upper

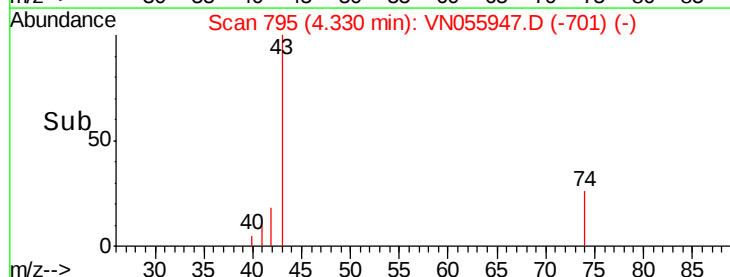
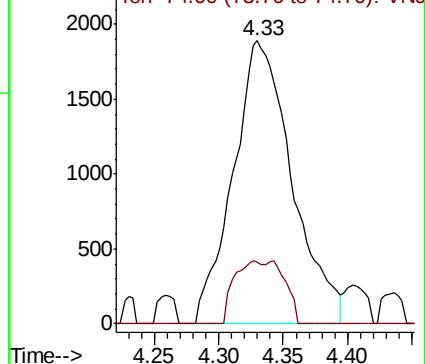
43 100

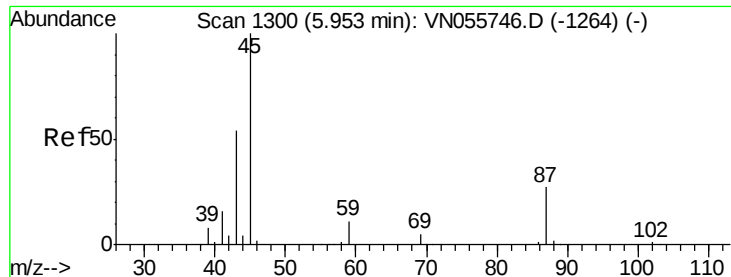
74 11.6 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#22

Diisopropyl ether

Concen: 0.793 ug/l

RT: 6.05 min Scan# 1331

Delta R.T. 0.10 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

Instrument :
MSVOA_N
ClientSampleId :
13899

Tot Ion: 45 Resp: 7811

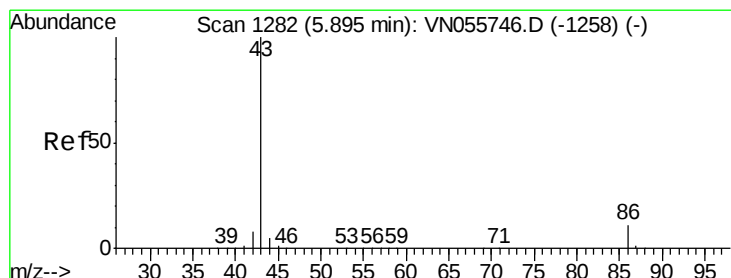
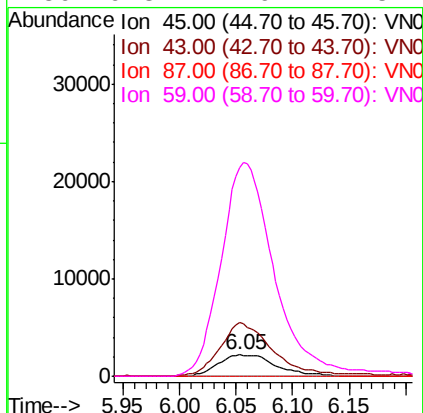
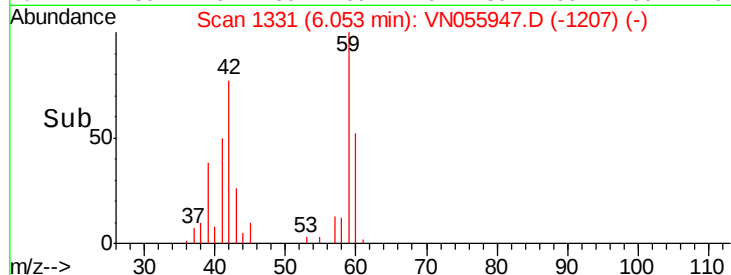
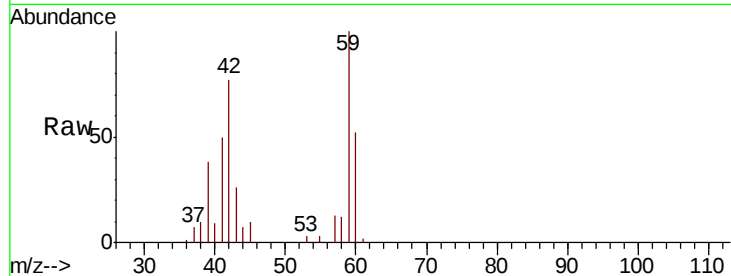
Ion Ratio Lower Upper

45 100

43 240.5 45.0 67.6#

87 0.0 22.2 33.4#

59 948.4 9.1 13.7#



#23

Vinyl Acetate

Concen: 2.096 ug/l

RT: 6.05 min Scan# 1331

Delta R.T. 0.16 min

Lab File: VN055947.D

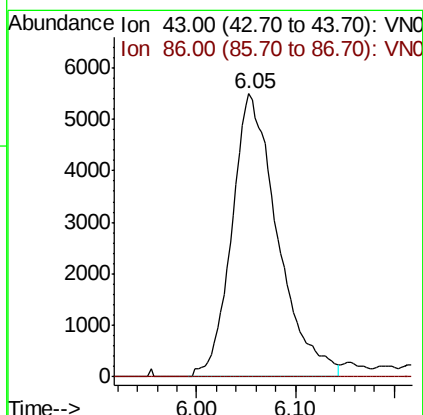
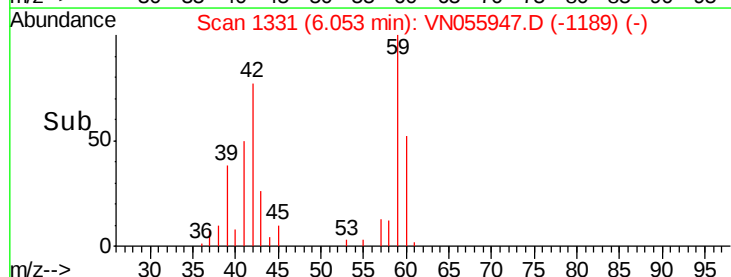
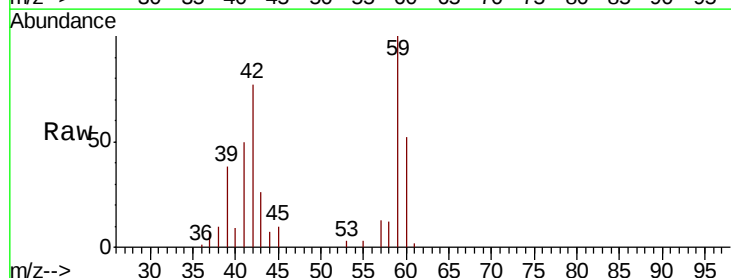
Acq: 1 Jun 2019 4:31

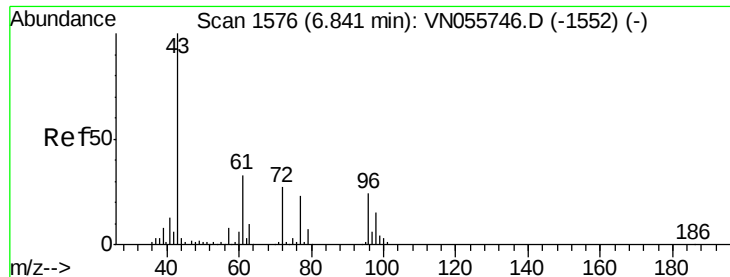
Tgt Ion: 43 Resp: 17698

Ion Ratio Lower Upper

43 100

86 0.0 8.6 13.0#





#25

2-Butanone

Concen: 1.970 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

Instrument :

MSVOA_N

ClientSampled :

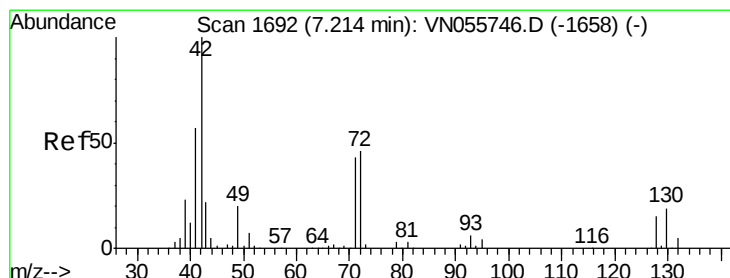
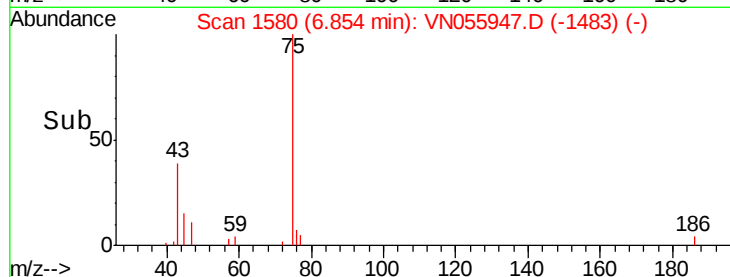
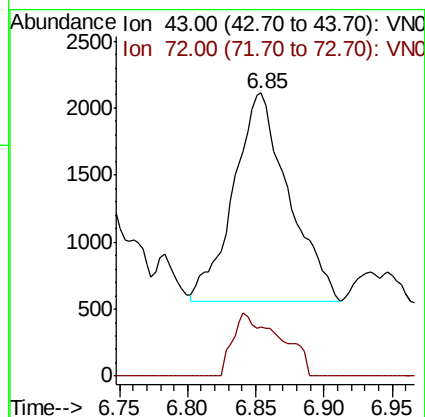
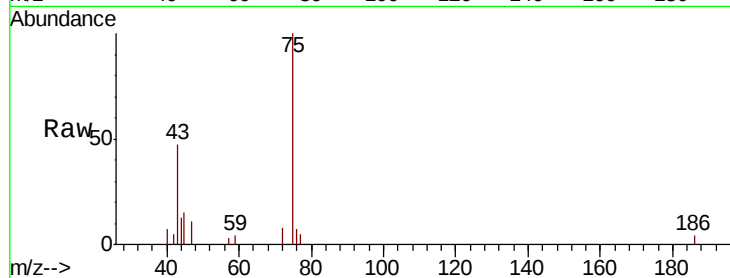
13899

Tot Ion: 43 Resp: 4338

Ion Ratio Lower Upper

43 100

72 23.4 21.9 32.9



#29

Tetrahydrofuran

Concen: 0.810 ug/l

RT: 7.24 min Scan# 1699

Delta R.T. 0.02 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

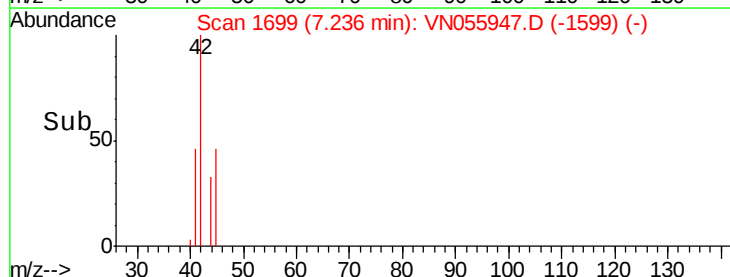
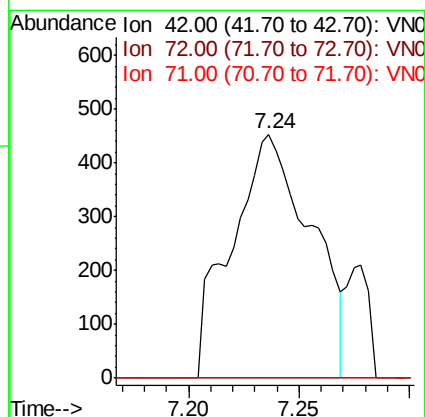
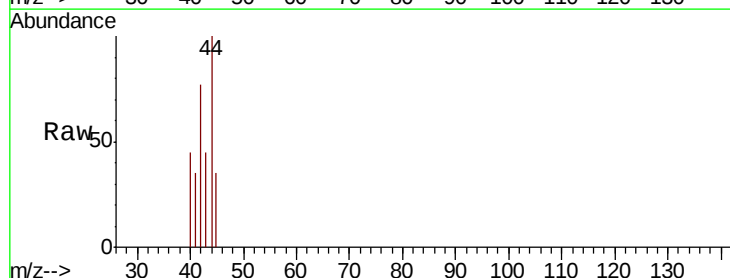
Tgt Ion: 42 Resp: 1129

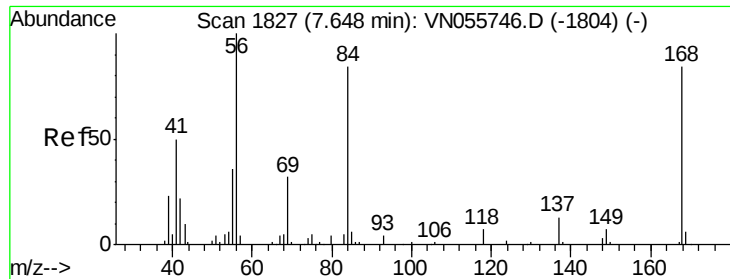
Ion Ratio Lower Upper

42 100

72 0.0 35.9 53.9#

71 0.0 34.0 51.0#

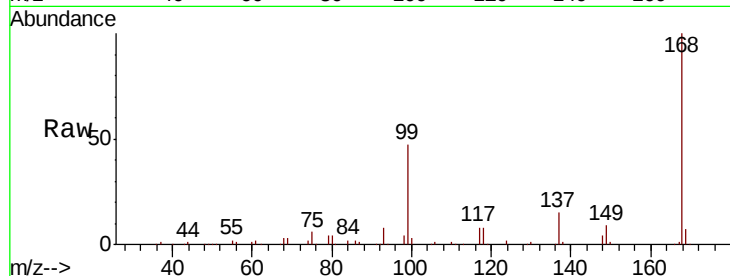




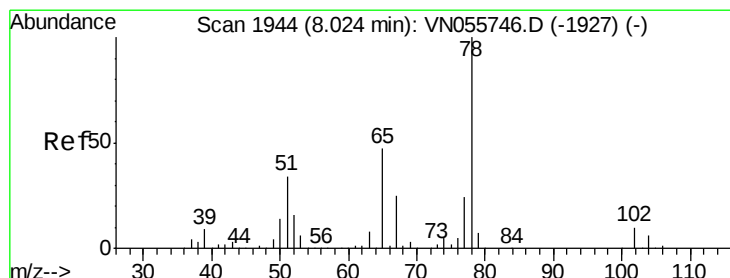
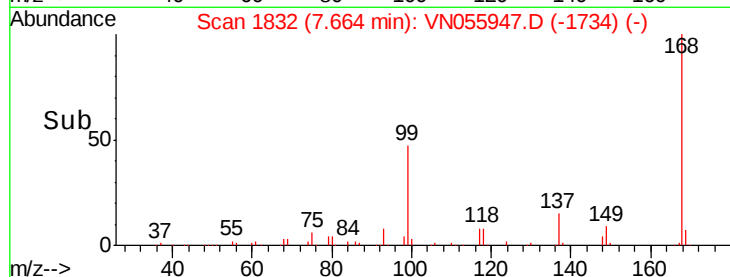
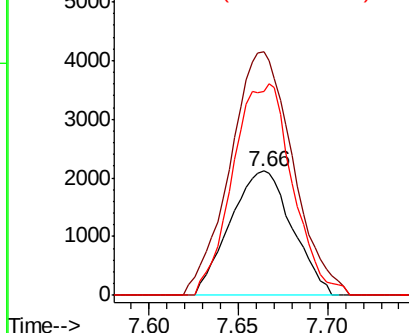
#31
Cyclohexane
Concen: 0.958 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Instrument :
MSVOA_N
ClientSampled :
13899

Tot Ion: 56 Resp: 5159
Ion Ratio Lower Upper
56 100
69 187.8 25.6 38.4#
84 164.3 67.4 101.0#

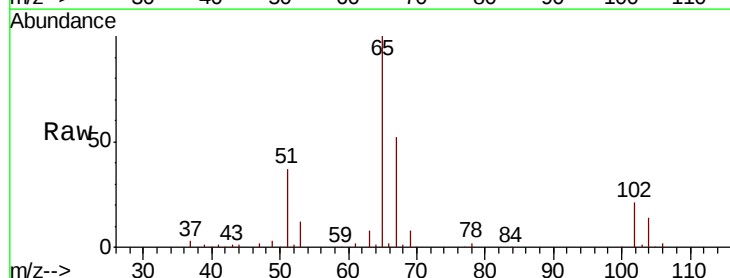


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

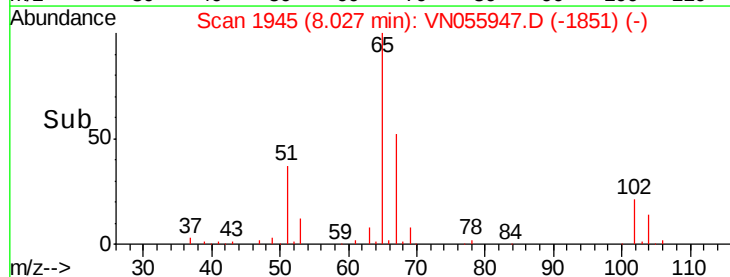
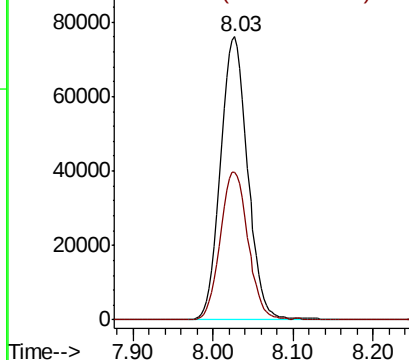


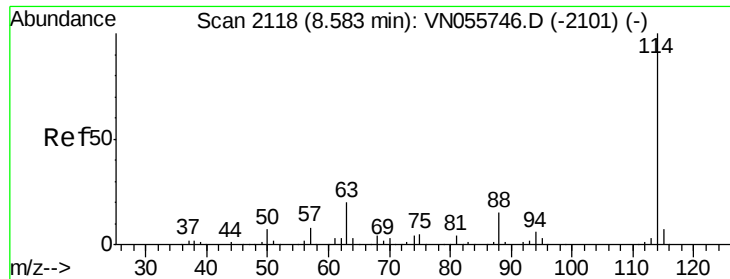
#33
1,2-Dichloroethane-d4
Concen: 49.610 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Tgt Ion: 65 Resp: 177938
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.2



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

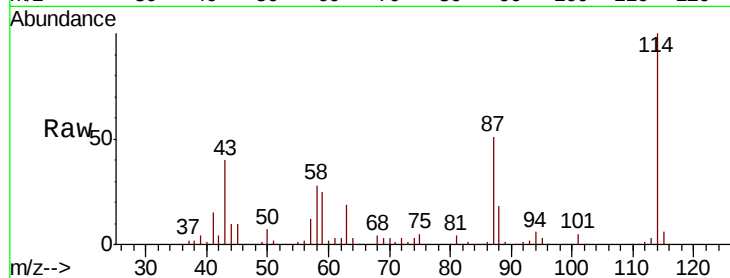




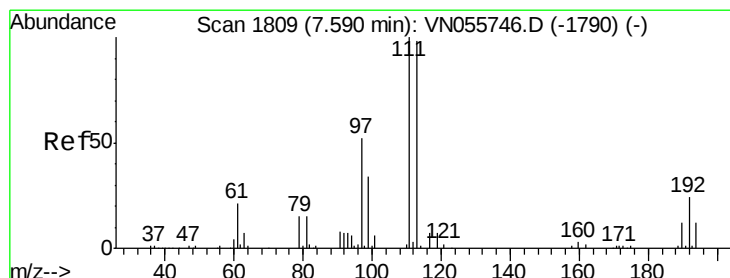
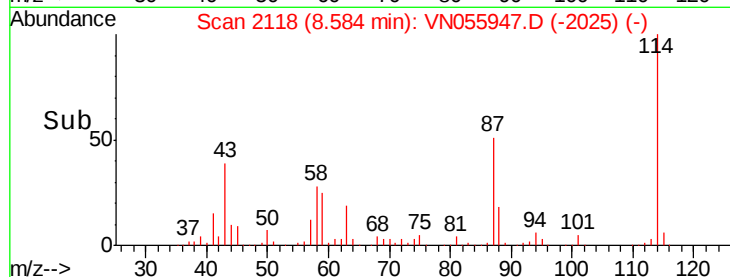
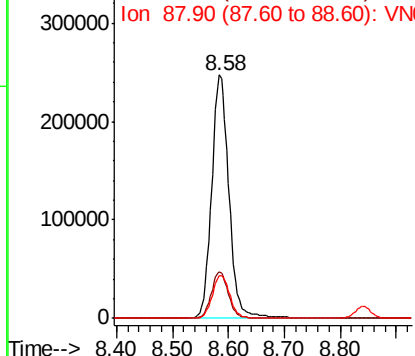
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Instrument :
MSVOA_N
ClientSampleId :
13899

Tot Ion:114 Resp: 531712
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.2
88 17.6 0.0 31.0

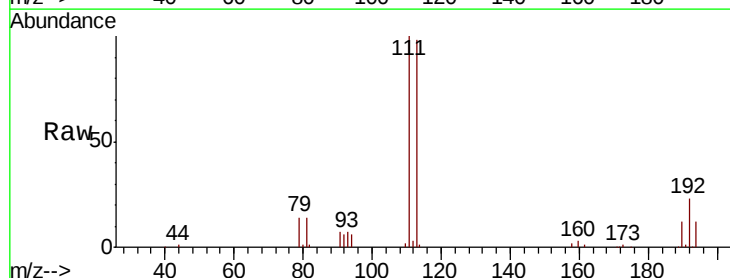


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

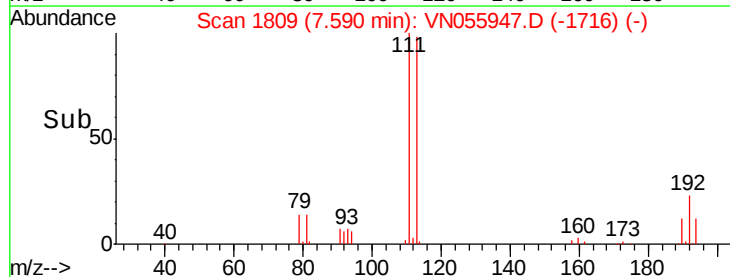
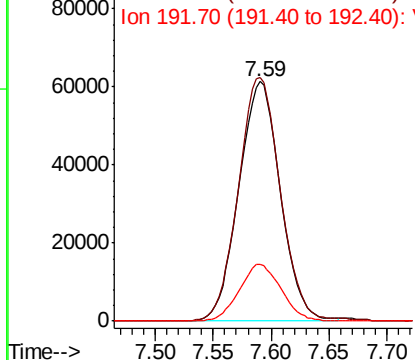


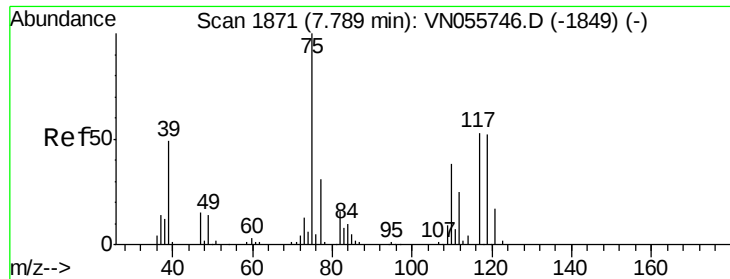
#35
Dibromofluoromethane
Concen: 45.487 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Tgt Ion:113 Resp: 152911
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 23.8 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

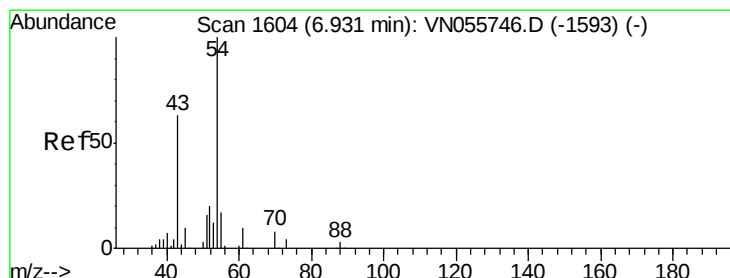
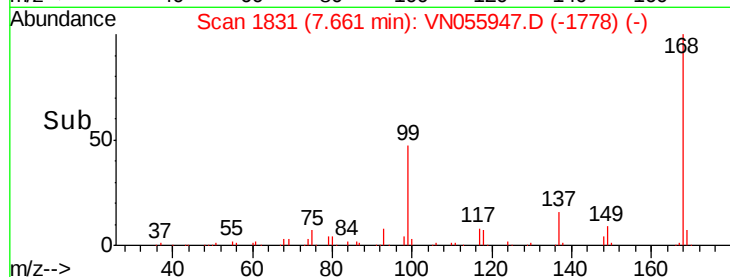
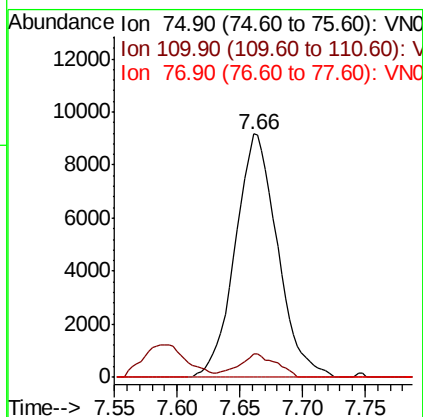
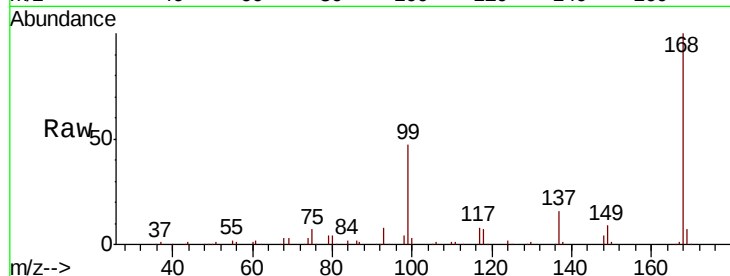




#36
 1,1-Dichloropropene
 Concen: 4.647 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN055947.D
 Acq: 1 Jun 2019 4:31

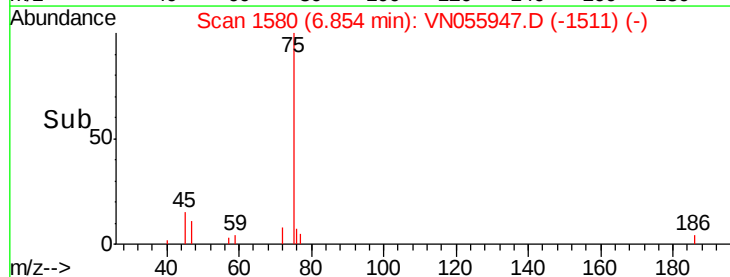
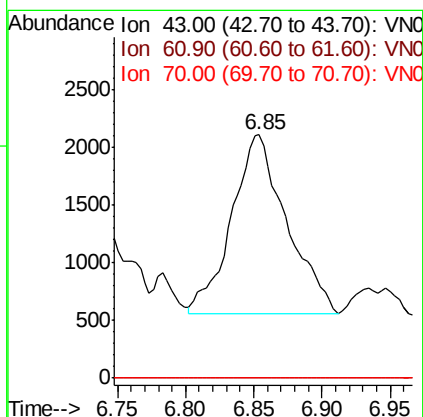
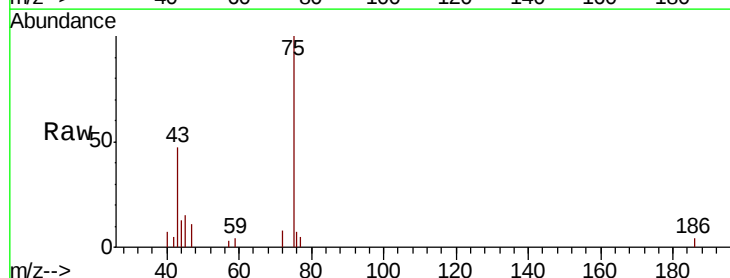
Instrument :
 MSVOA_N
 ClientSampled :
 13899

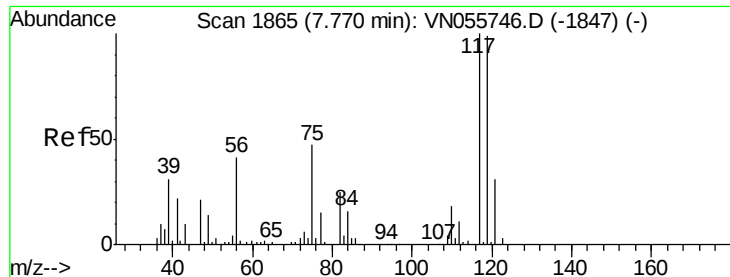
Tot Ion: 75 Resp: 21532
 Ion Ratio Lower Upper
 75 100
 110 8.5 19.0 57.0#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 0.969 ug/l
 RT: 6.85 min Scan# 1580
 Delta R.T. -0.08 min
 Lab File: VN055947.D
 Acq: 1 Jun 2019 4:31

Tgt Ion: 43 Resp: 4338
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.2 18.2#
 70 0.0 8.9 13.3#

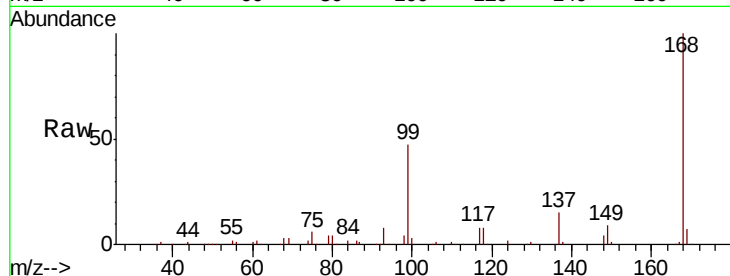




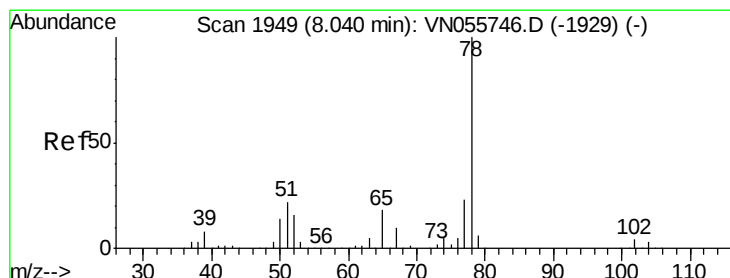
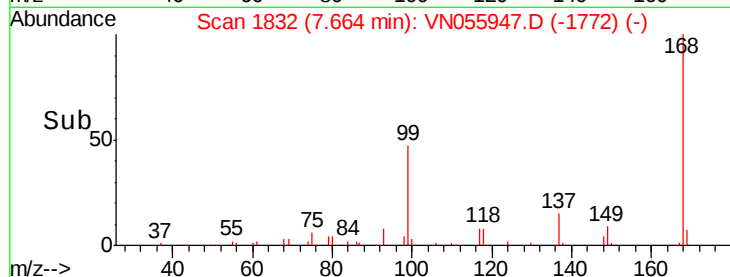
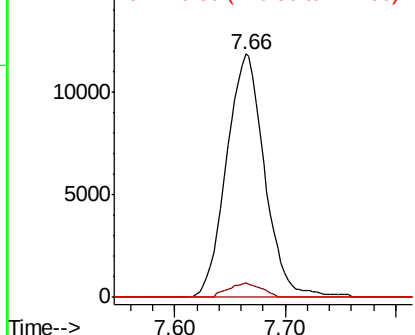
#38
Carbon Tetrachloride
Concen: 5.886 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Instrument :
MSVOA_N
ClientSampled :
13899

Tot Ion:117 Resp: 28407
Ion Ratio Lower Upper
117 100
119 5.7 79.0 118.6#
121 0.0 24.7 37.1#

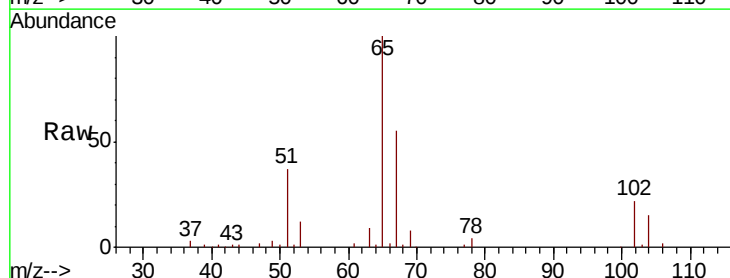


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

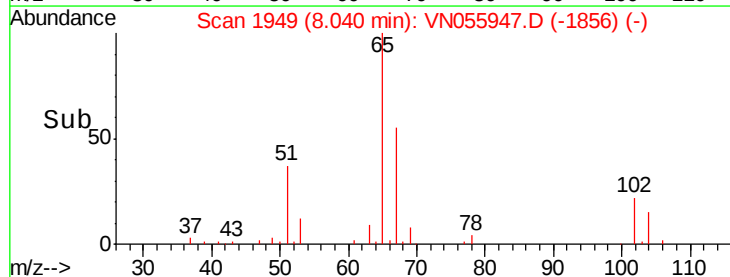
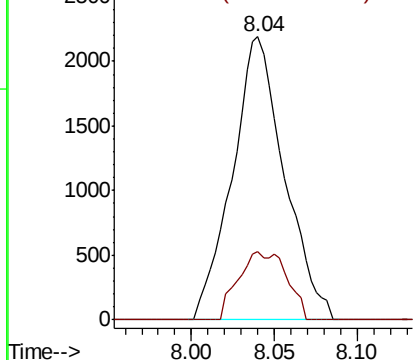


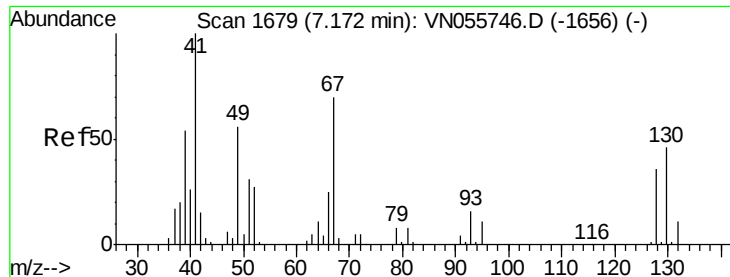
#40
Benzene
Concen: 0.342 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Tgt Ion: 78 Resp: 4773
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V

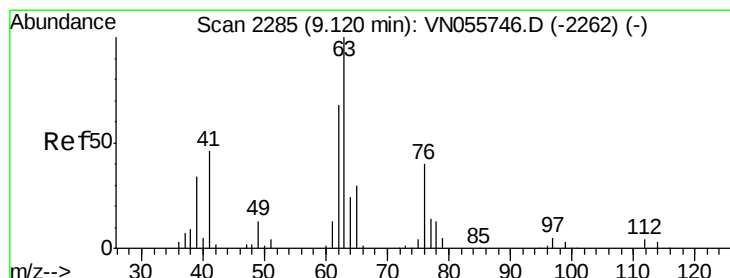
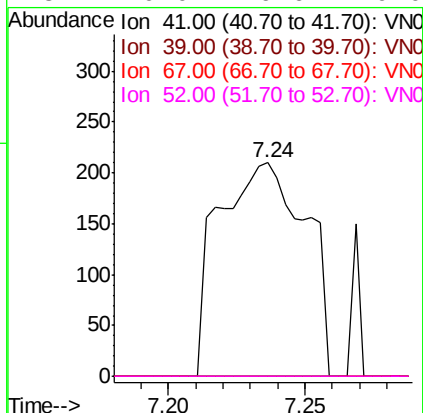
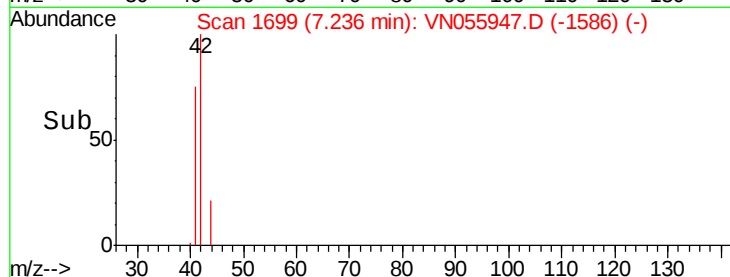
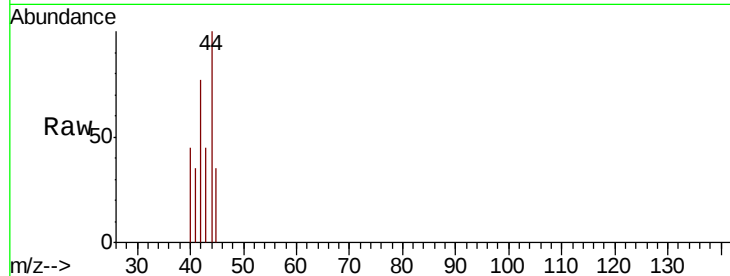




#41
Methacrylonitrile
Concen: 0.206 ug/l
RT: 7.24 min Scan# 1699
Delta R.T. 0.06 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

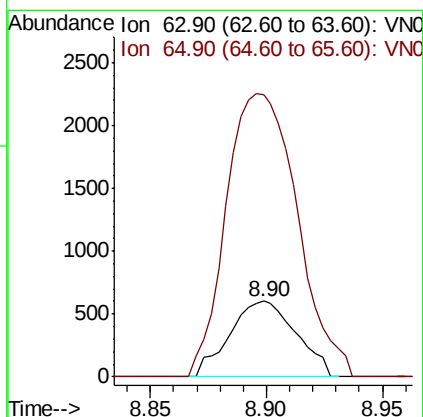
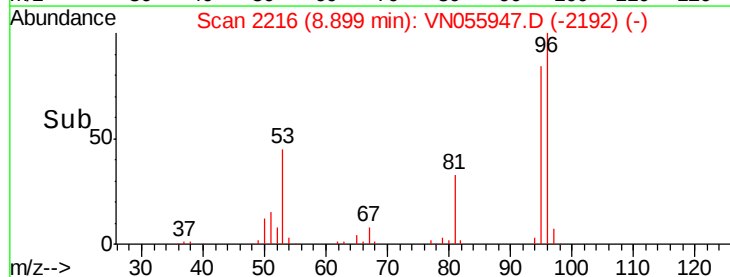
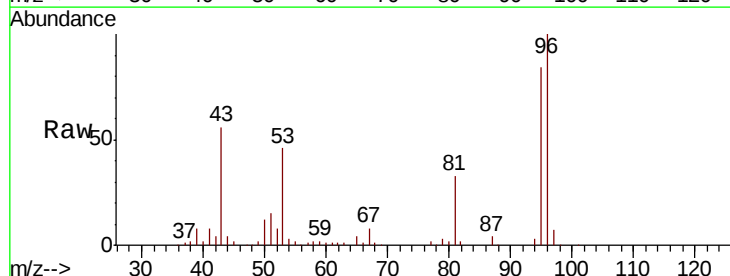
Instrument :
MSVOA_N
ClientSampled :
13899

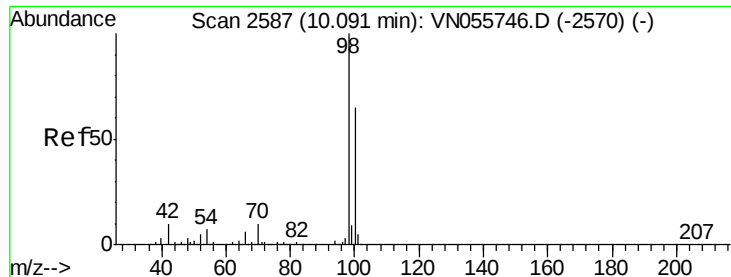
Tot Ion: 41 Resp: 466
Ion Ratio Lower Upper
41 100
39 0.0 45.6 68.4#
67 0.0 67.7 101.5#
52 0.0 26.6 40.0#



#45
1,2-Dichloropropane
Concen: 0.330 ug/l
RT: 8.90 min Scan# 2216
Delta R.T. -0.22 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Tgt Ion: 63 Resp: 1199
Ion Ratio Lower Upper
63 100
65 373.1 24.6 36.8#





#50

Toluene-d8

Concen: 48.712 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

Instrument :

MSVOA_N

ClientSampled :

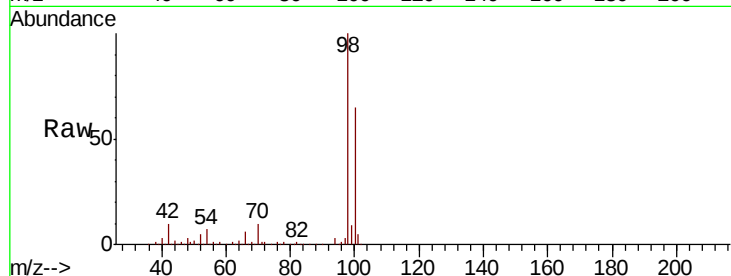
13899

Tot Ion: 98 Resp: 628145

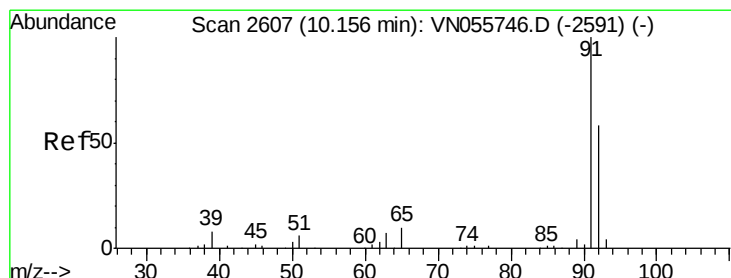
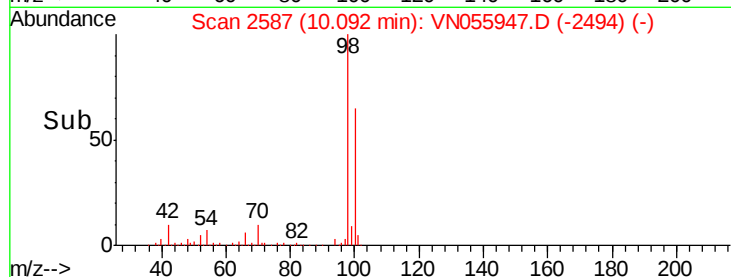
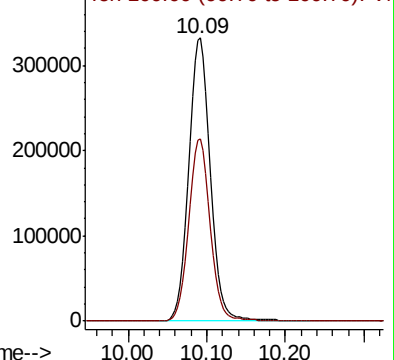
Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055746.D (-2570) (-)



#52

Toluene

Concen: 2.116 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055947.D

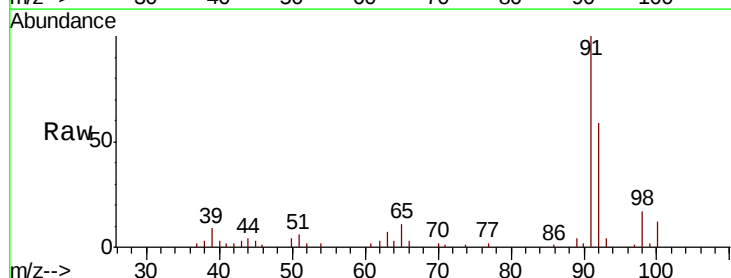
Acq: 1 Jun 2019 4:31

Tgt Ion: 92 Resp: 18587

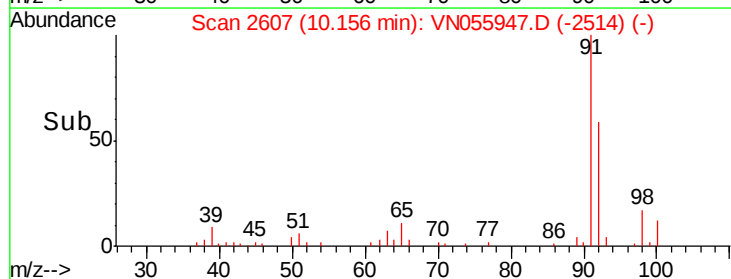
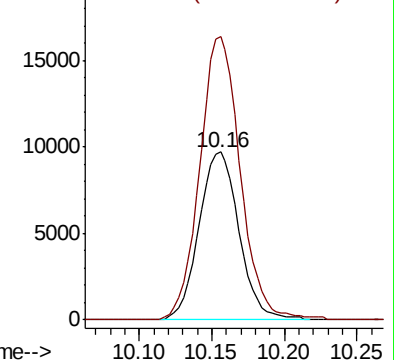
Ion Ratio Lower Upper

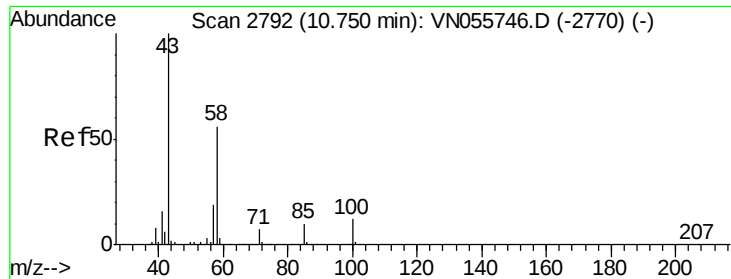
92 100

91 171.5 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055746.D (-2591) (-)

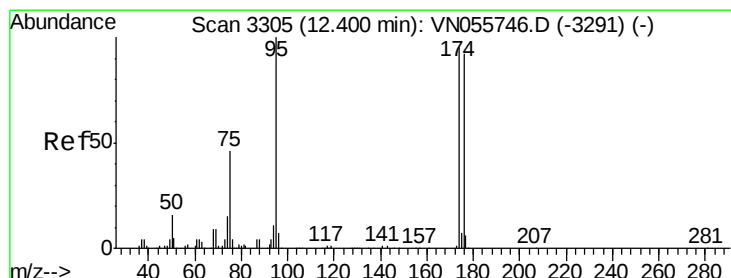
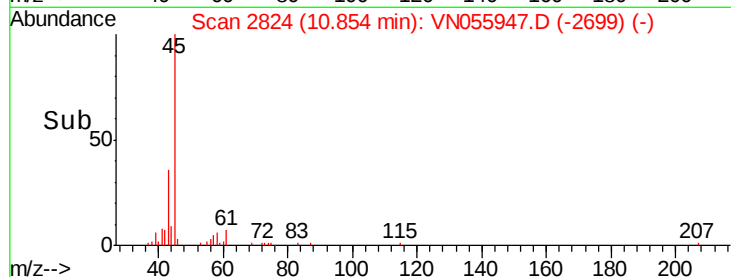
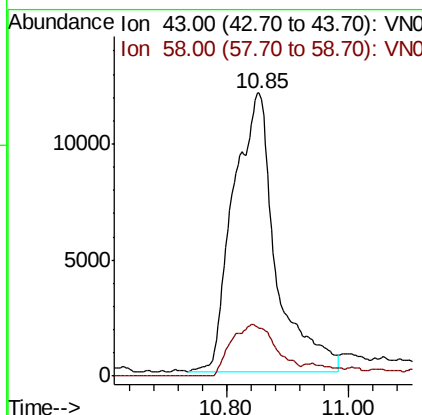
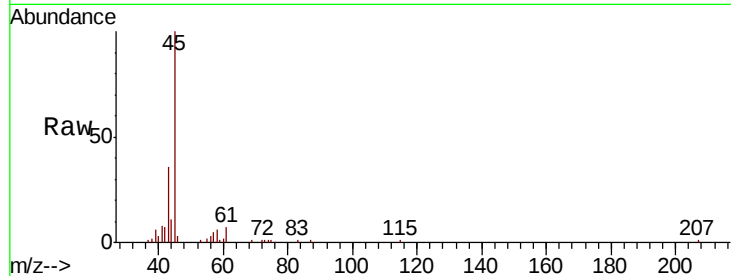




#59
2-Hexanone
Concen: 18.332 ug/l
RT: 10.85 min Scan# 2824
Delta R.T. 0.10 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

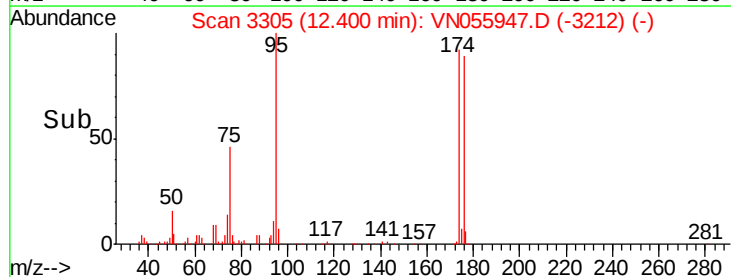
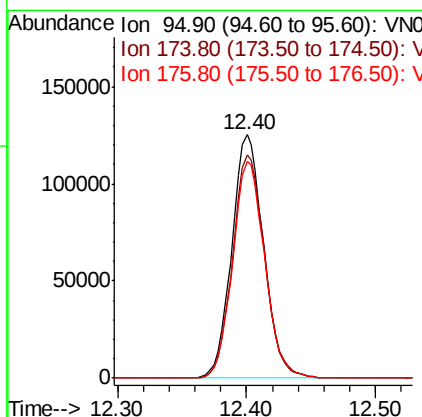
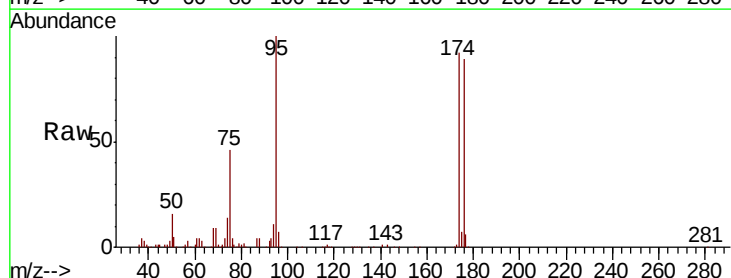
Instrument :
MSVOA_N
ClientSampled :
13899

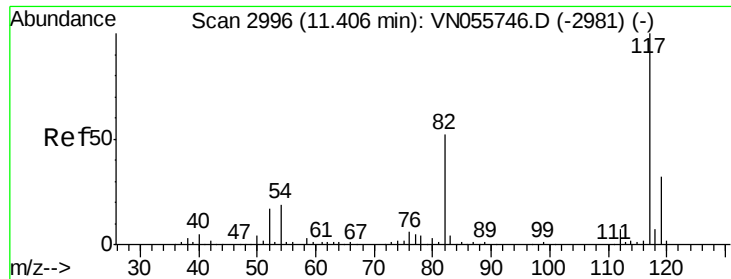
Tot Ion: 43 Resp: 57793
Ion Ratio Lower Upper
43 100
58 19.9 28.2 84.7#



#62
4-Bromofluorobenzene
Concen: 48.414 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Tgt Ion: 95 Resp: 214067
Ion Ratio Lower Upper
95 100
174 93.0 0.0 191.0
176 90.0 0.0 185.2

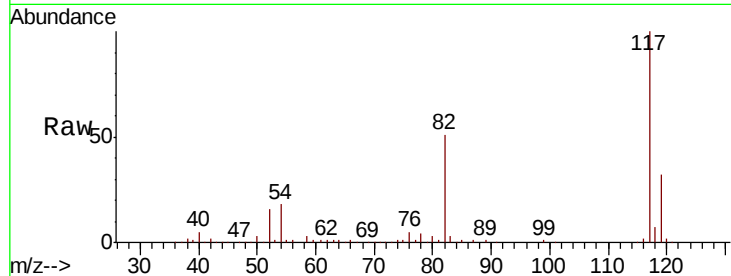




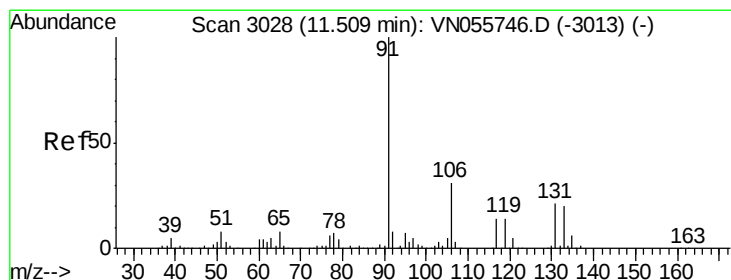
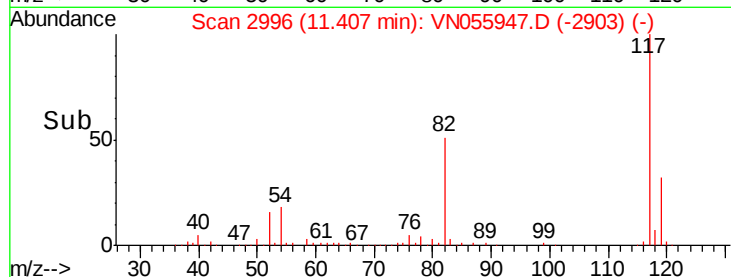
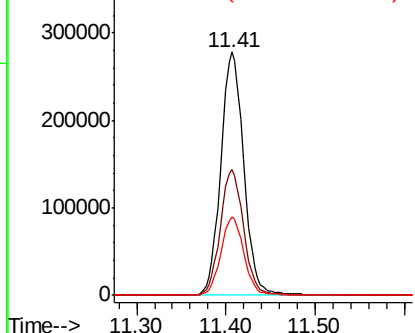
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Instrument :
MSVOA_N
ClientSampled :
13899

Tot Ion:117 Resp: 496131
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 32.0 25.4 38.0

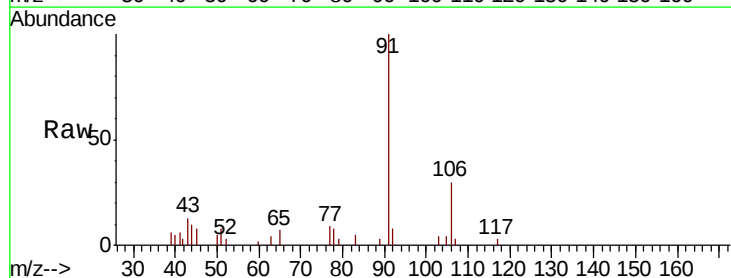


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

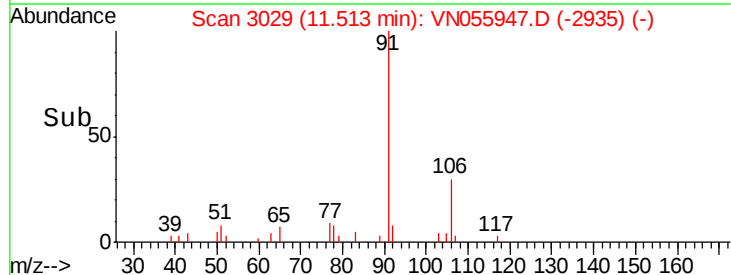
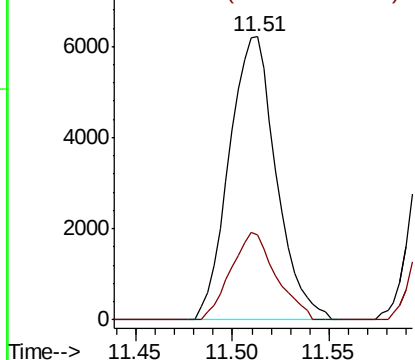


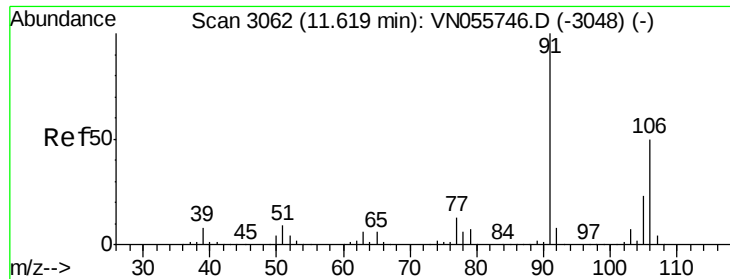
#67
Ethyl Benzene
Concen: 0.591 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Tgt Ion: 91 Resp: 10520
Ion Ratio Lower Upper
91 100
106 30.0 25.1 37.7



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

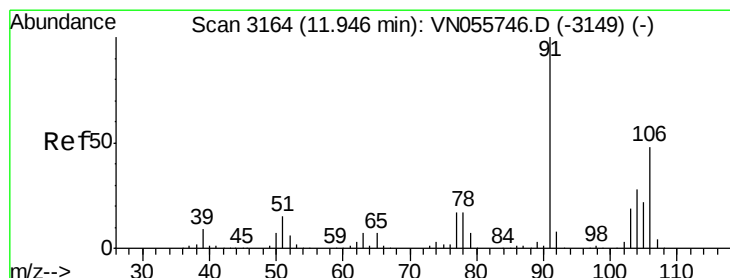
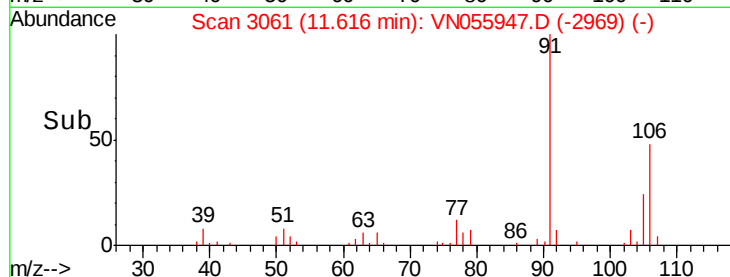
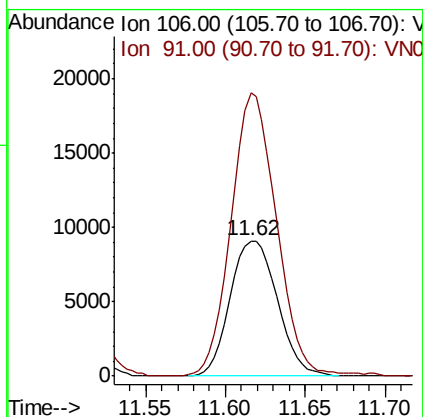
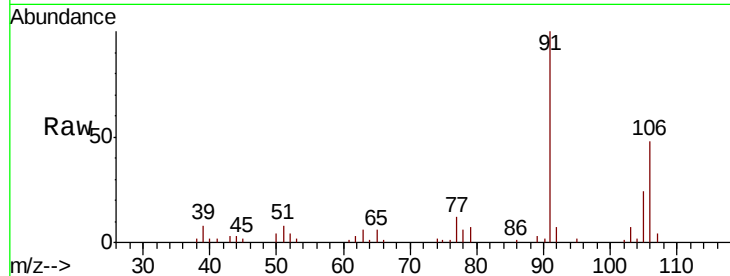




#68
m/p-Xylenes
Concen: 2.731 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

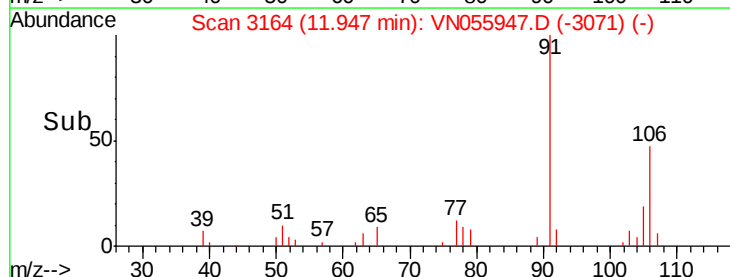
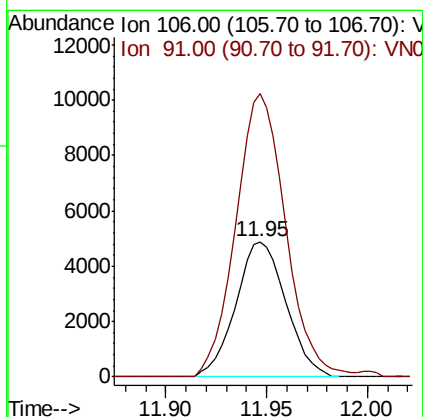
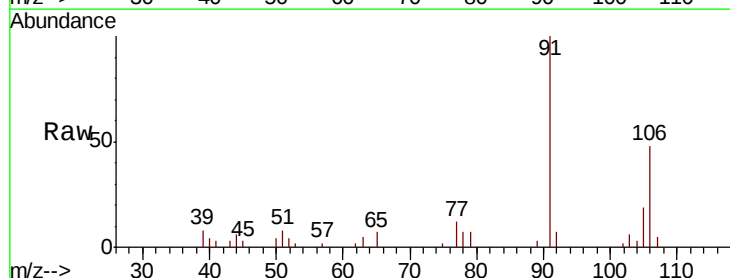
Instrument :
MSVOA_N
ClientSampled :
13899

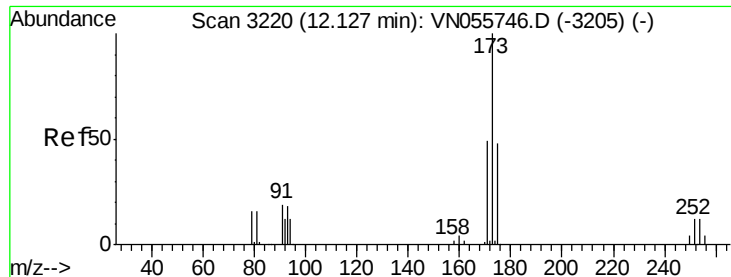
Tot Ion:106 Resp: 18387
Ion Ratio Lower Upper
106 100
91 201.0 159.3 238.9



#69
o-Xylene
Concen: 1.268 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Tgt Ion:106 Resp: 8474
Ion Ratio Lower Upper
106 100
91 208.2 104.7 314.1

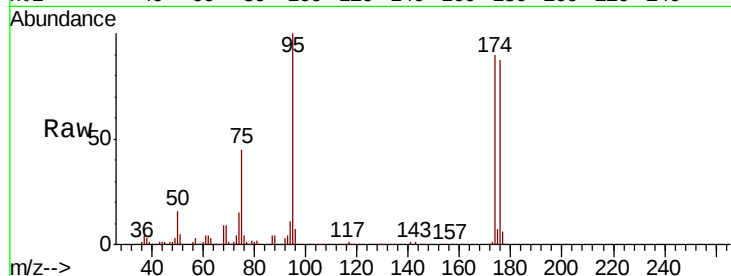




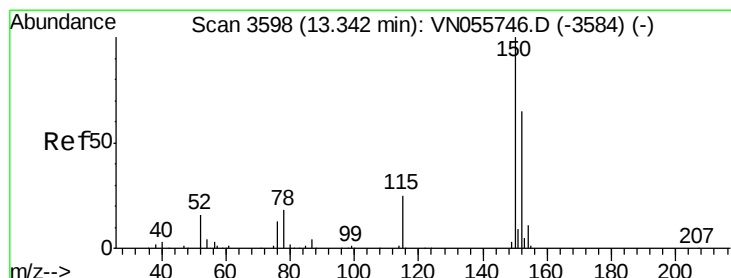
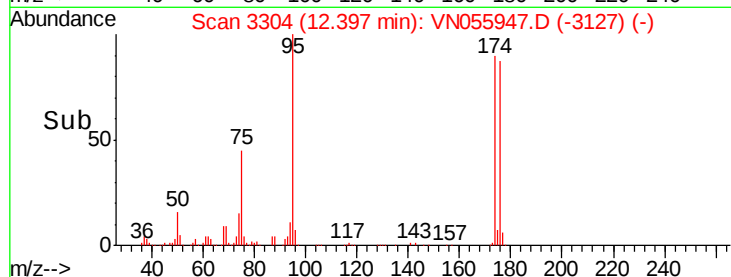
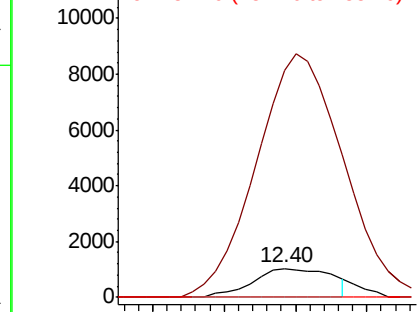
#71
Bromoform
Concen: 0.470 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Instrument :
MSVOA_N
ClientSampled :
13899

Tot Ion:173 Resp: 1589
Ion Ratio Lower Upper
173 100
175 812.2 24.3 72.8#
254 0.0 0.0 0.0

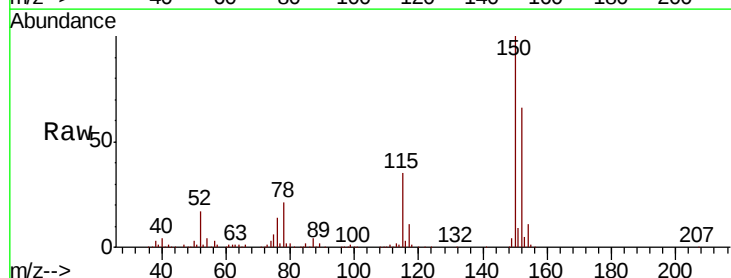


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

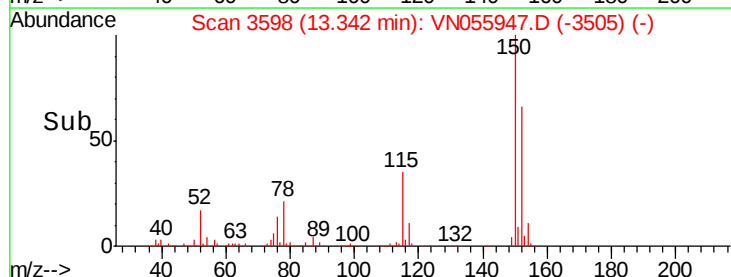
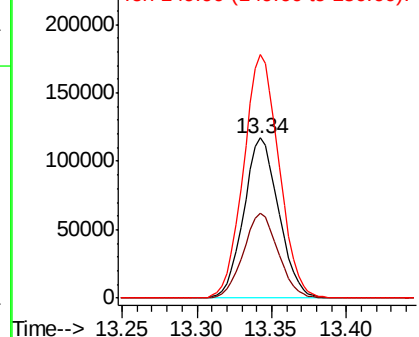


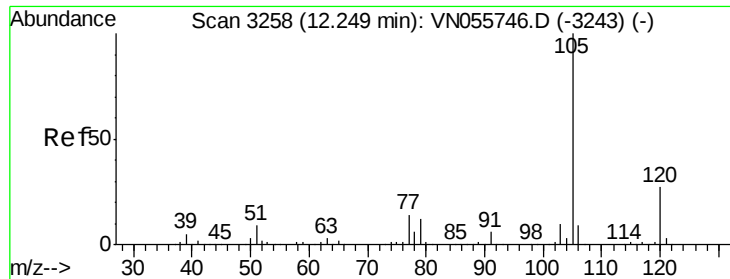
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055947.D
Acq: 1 Jun 2019 4:31

Tgt Ion:152 Resp: 190699
Ion Ratio Lower Upper
152 100
115 53.1 27.0 81.0
150 154.1 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# 3259

Delta R.T. 0.00 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

Instrument :

MSVOA_N

ClientSampled :

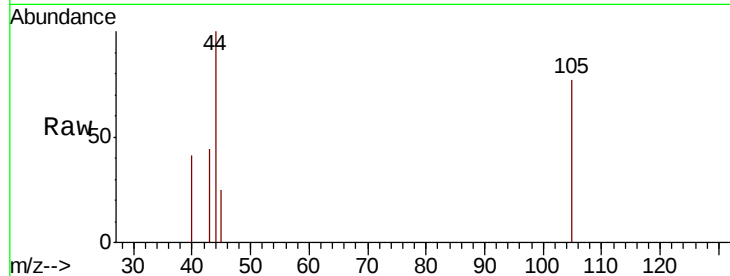
13899

Tot Ion:105 Resp: 713

Ion Ratio Lower Upper

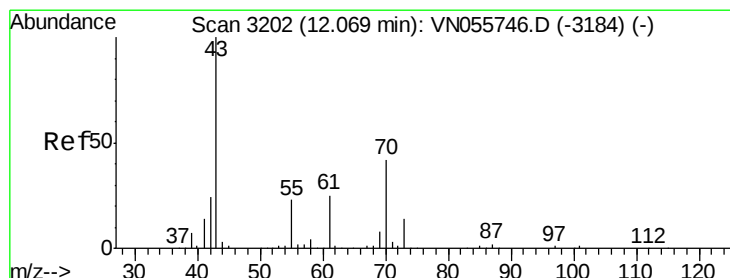
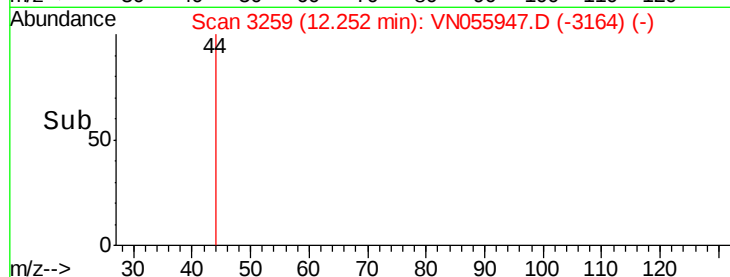
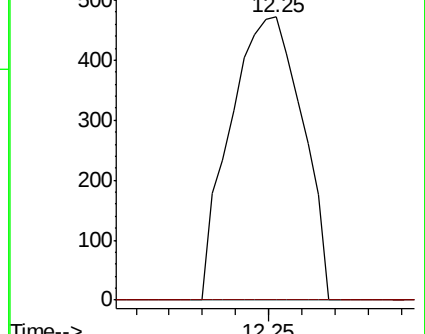
105 100

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



#74

N-ethyl acetate

Concen: 0.424 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

Tgt Ion: 43 Resp: 13854

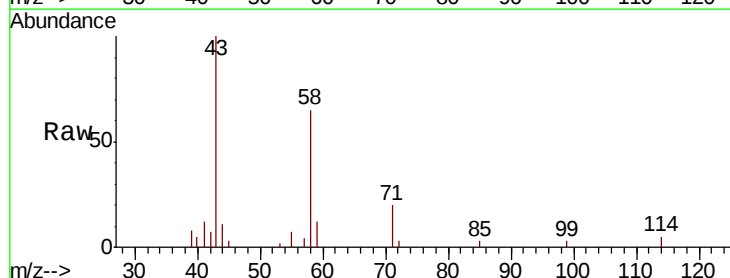
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 6.1 18.6 28.0#

61 0.0 20.0 30.0#

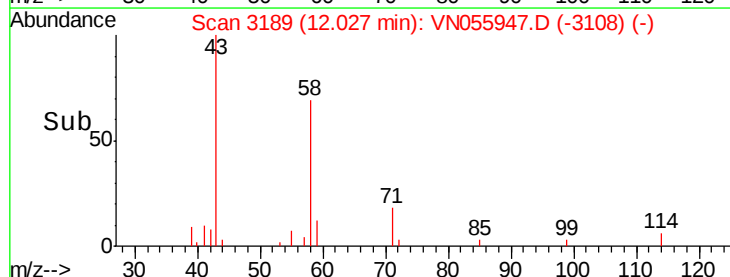
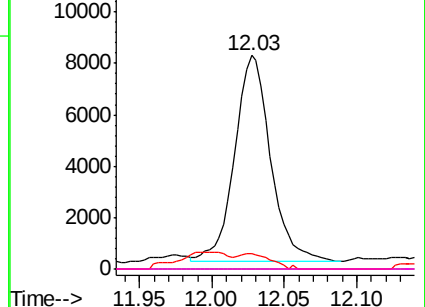


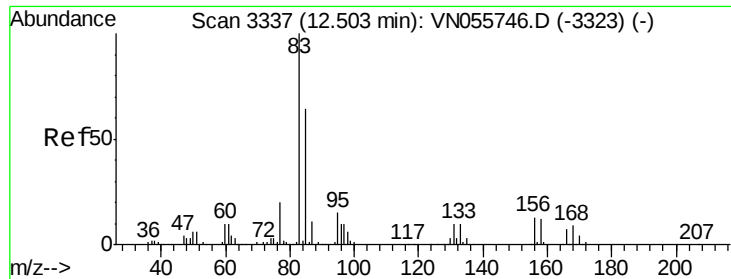
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.37 min Scan# 3295

Delta R.T. -0.13 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

Instrument :

MSVOA_N

ClientSampled :

13899

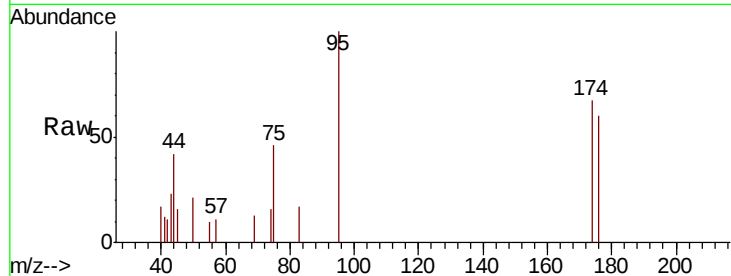
Tot Ion: 83 Resp: 368

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

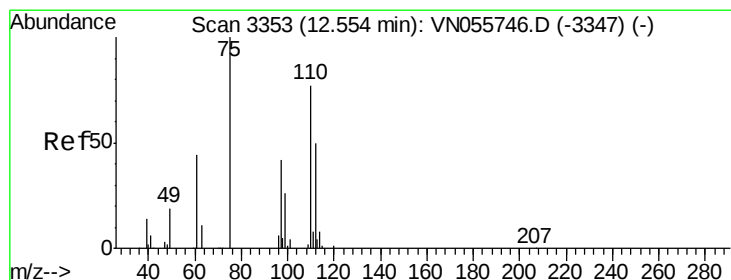
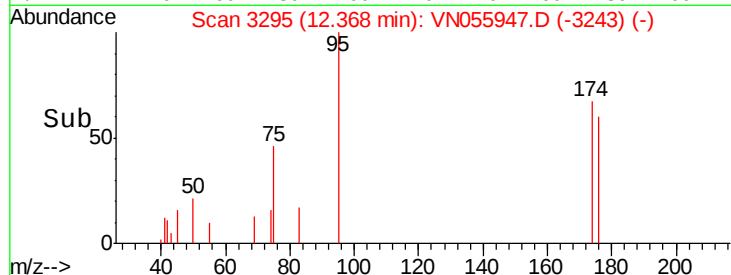
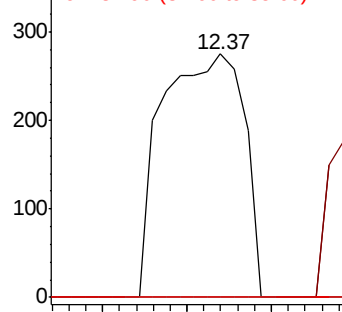
85 0.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.669 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055947.D

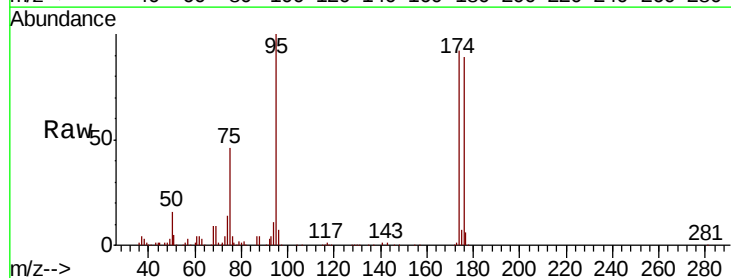
Acq: 1 Jun 2019 4:31

Tgt Ion: 75 Resp: 98551

Ion Ratio Lower Upper

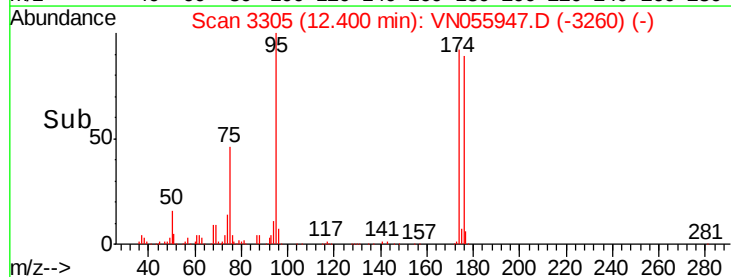
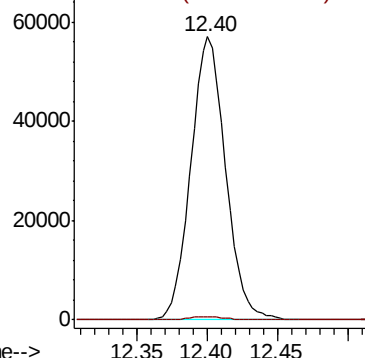
75 100

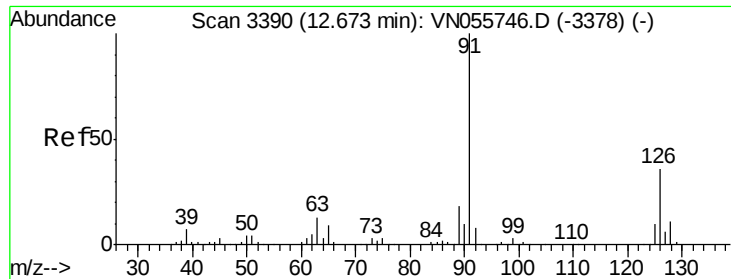
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

Instrument :

MSVOA_N

ClientSampled :

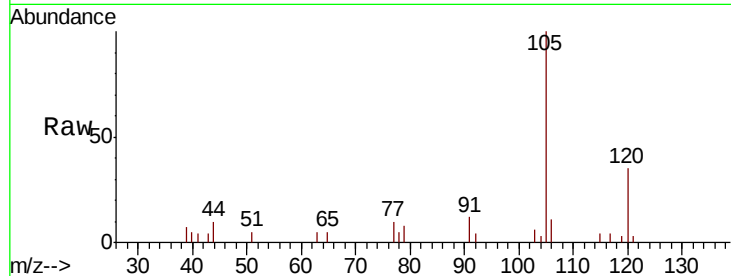
13899

Tot Ion: 91 Resp: 1363

Ion Ratio Lower Upper

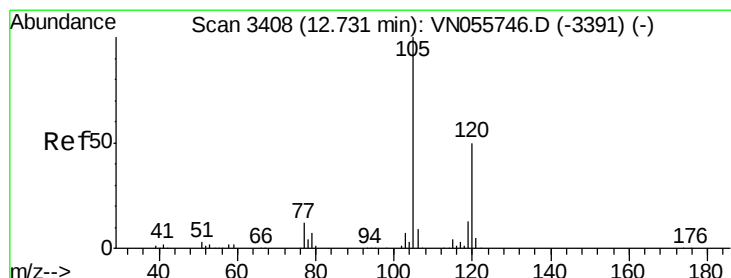
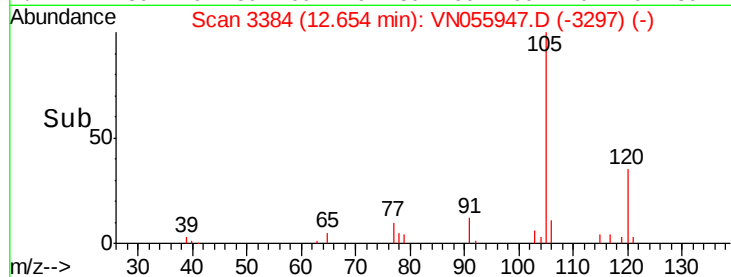
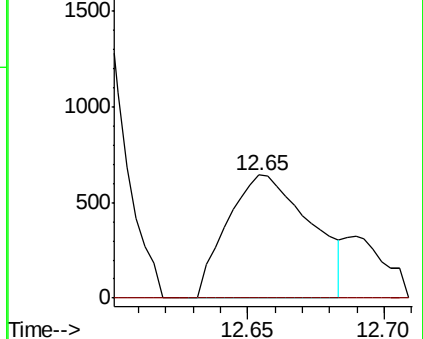
91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055746.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055947.D

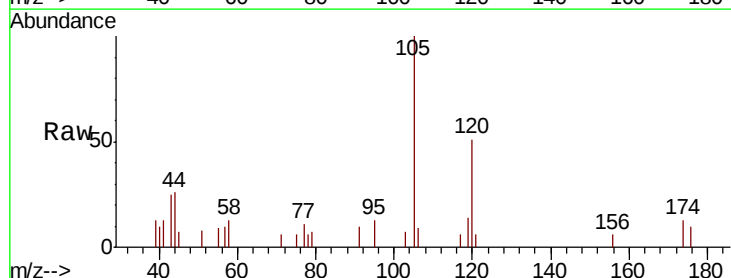
Acq: 1 Jun 2019 4:31

Tgt Ion: 105 Resp: 4436

Ion Ratio Lower Upper

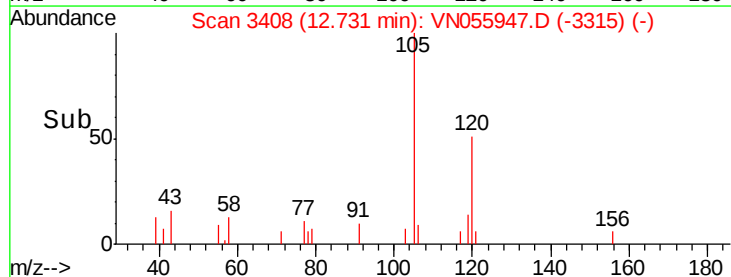
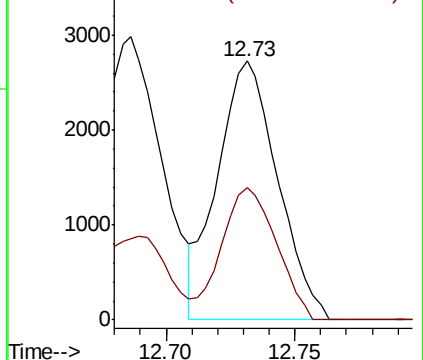
105 100

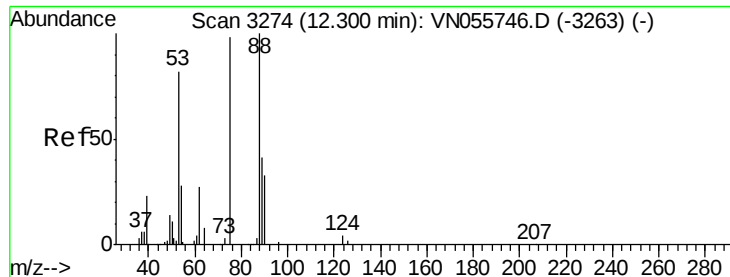
120 46.9 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055746.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN055746.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 69.533 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

Instrument :

MSVOA_N

ClientSampleId :

13899

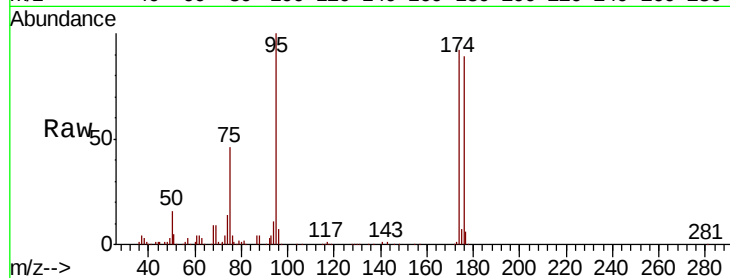
Tot Ion: 75 Resp: 98551

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

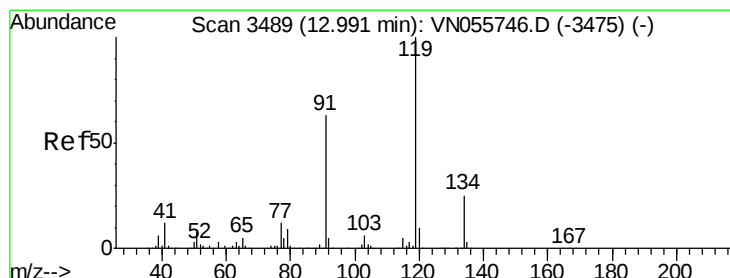
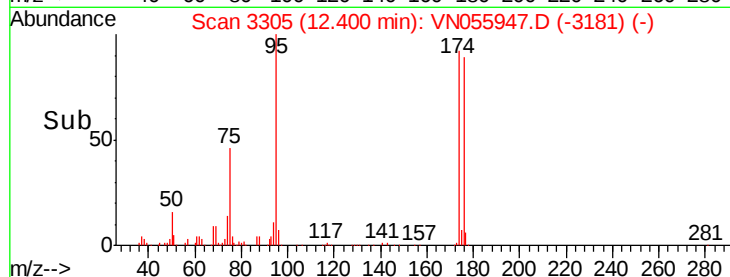
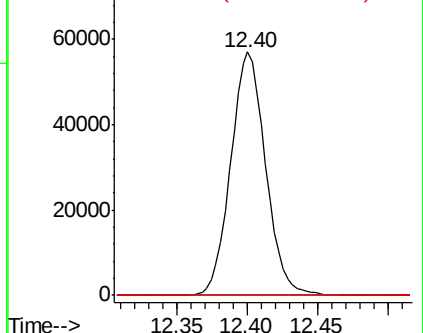
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

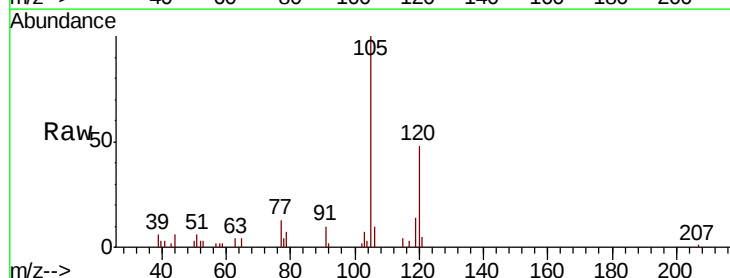
Tgt Ion: 119 Resp: 2209

Ion Ratio Lower Upper

119 100

91 78.5 30.9 92.8

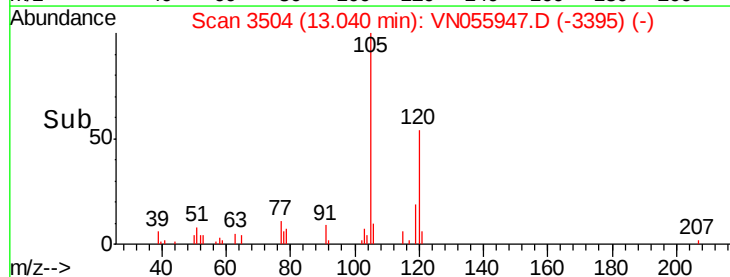
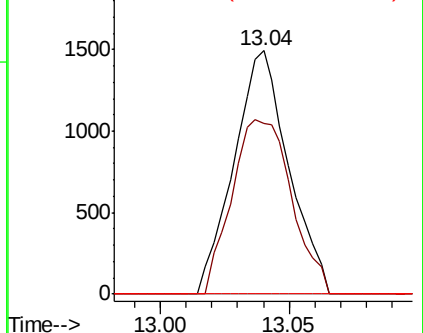
134 0.0 13.3 39.8#

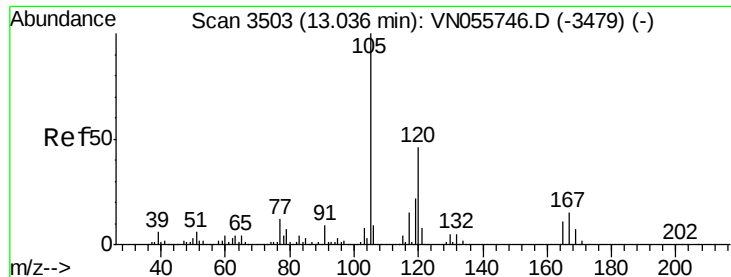


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

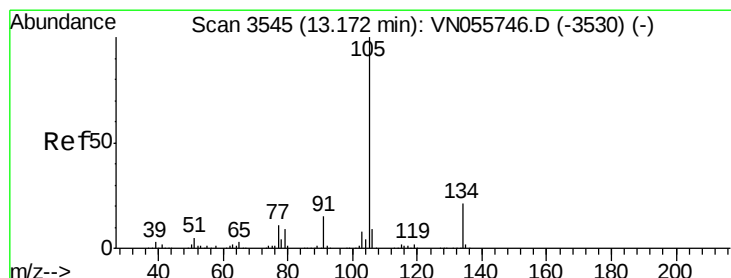
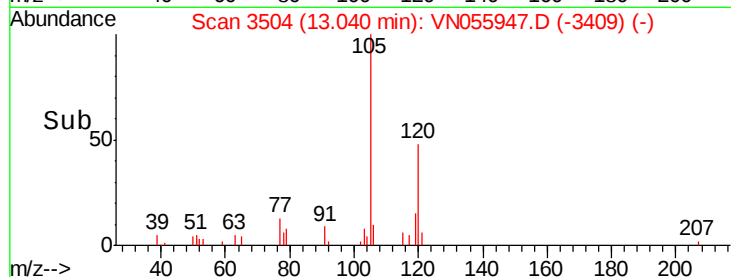
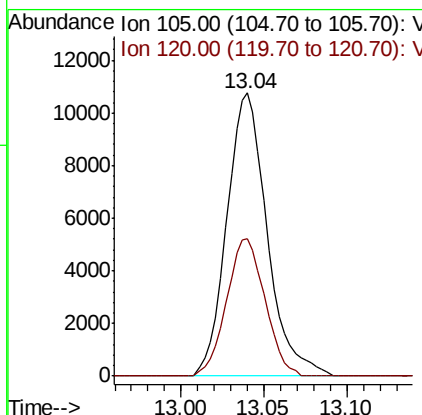
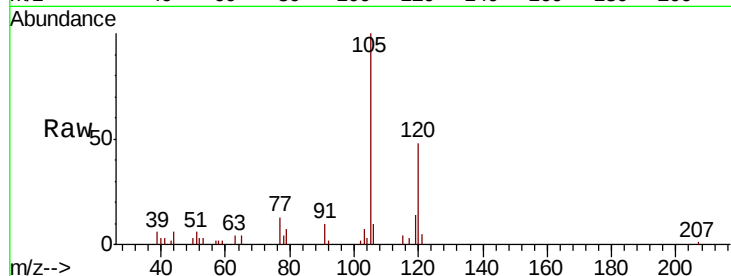




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055947.D
 Acq: 1 Jun 2019 4:31

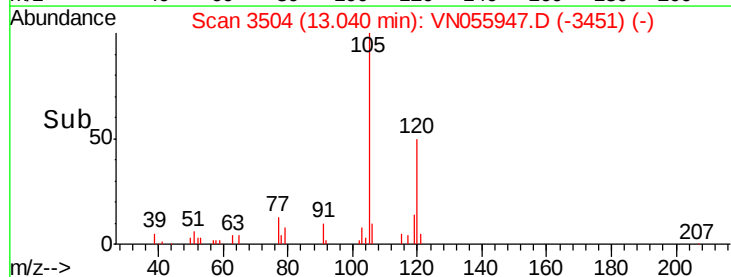
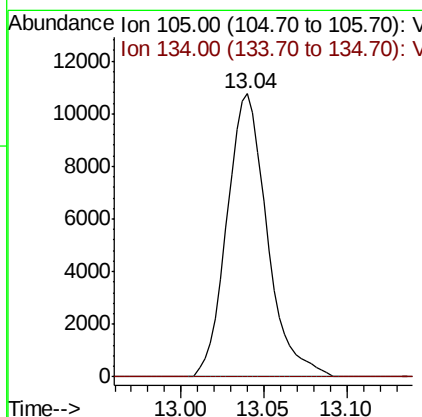
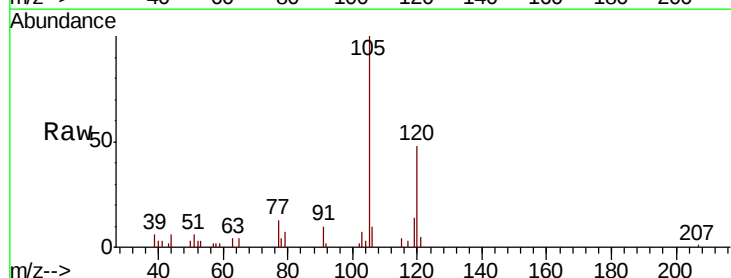
Instrument :
 MSVOA_N
 ClientSampleId :
 13899

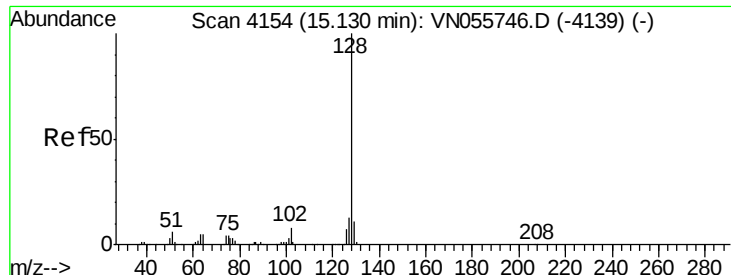
Tot Ion:105 Resp: 18149
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.0 69.0



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN055947.D
 Acq: 1 Jun 2019 4:31

Tgt Ion:105 Resp: 18149
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#





#95

Naphthalene

Concen: 8.303 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055947.D

Acq: 1 Jun 2019 4:31

Instrument :

MSVOA_N

ClientSampleId :

13899

Tot Ion:128 Resp: 73245

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.7 13.1

