

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
 Data File : VN055946.D
 Acq On : 1 Jun 2019 4:06
 Operator : JC/SP
 Sample : K3125-24 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 13904

Quant Time: Jun 01 04:31:29 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	366022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	549692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	524114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	236335	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	177409	46.93	ug/l	0.00
Spiked Amount						
			Recovery	=	93.86%	
35) Dibromofluoromethane	7.59	113	154273	44.39	ug/l	0.00
Spiked Amount						
			Recovery	=	88.78%	
50) Toluene-d8	10.09	98	665697	49.94	ug/l	0.00
Spiked Amount						
			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.40	95	242089	52.96	ug/l	0.00
Spiked Amount						
			Recovery	=	105.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	8649	11.975	ug/l #	74
13) Acrolein	3.61	56	175	0.338	ug/l #	15
15) Acrylonitrile	5.04	53	1958	1.181	ug/l #	1
16) Acetone	3.82	43	19649	11.825	ug/l	97
18) Methyl Acetate	4.33	43	3830	Below Cal		93
19) Methyl tert-butyl Ether	5.05	73	358329	34.514	ug/l	99
22) Diisopropyl ether	5.95	45	3792	0.365	ug/l #	92
23) Vinyl Acetate	5.95	43	2143	0.241	ug/l #	71
25) 2-Butanone	6.85	43	9592	4.133	ug/l	99
31) Cyclohexane	7.65	56	21544	3.797	ug/l #	61
36) 1,1-Dichloropropene	7.66	75	21704	4.531	ug/l #	48
37) Ethyl Acetate	6.94	43	2171	0.469	ug/l #	69
38) Carbon Tetrachloride	7.66	117	30207	6.054	ug/l #	14
39) Methylcyclohexane	9.08	83	46802	7.890	ug/l	100
40) Benzene	8.04	78	2166519	150.065	ug/l	100
41) Methacrylonitrile	7.39	41	1843	0.788	ug/l #	1
42) 1,2-Dichloroethane	8.04	62	16722	3.545	ug/l	73
43) Isopropyl Acetate	8.14	43	1701	0.219	ug/l #	53
48) Methyl methacrylate	9.21	41	873	0.244	ug/l #	12
51) 4-Methyl-2-Pentanone	9.87	43	10826	2.356	ug/l #	38
52) Toluene	10.16	92	12795754	1409.232	ug/l #	1
53) t-1,3-Dichloropropene	10.16	75	133224	24.674	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	8919	2.452	ug/l #	21
56) Ethyl methacrylate	10.43	69	6485	1.154	ug/l #	27
59) 2-Hexanone	10.72	43	3635	1.115	ug/l #	23
67) Ethyl Benzene	11.51	91	3754067	199.520	ug/l	99
68) m/p-Xylenes	11.62	106	5458313	767.354	ug/l	99
69) o-Xylene	11.95	106	2628364	372.437	ug/l	100
70) Styrene	11.95	104	143807	12.583	ug/l #	1
71) Bromoform	12.40	173	1751	0.491	ug/l #	1
73) Isopropylbenzene	12.25	105	187662	8.974	ug/l	100
74) N-amyl acetate	12.04	43	3786	Below Cal	#	51
75) 1,1,2,2-Tetrachloroethane	12.53	83	895	Below Cal	#	73
76) 1,2,3-Trichloropropane	12.59	75	3810	Below Cal	#	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

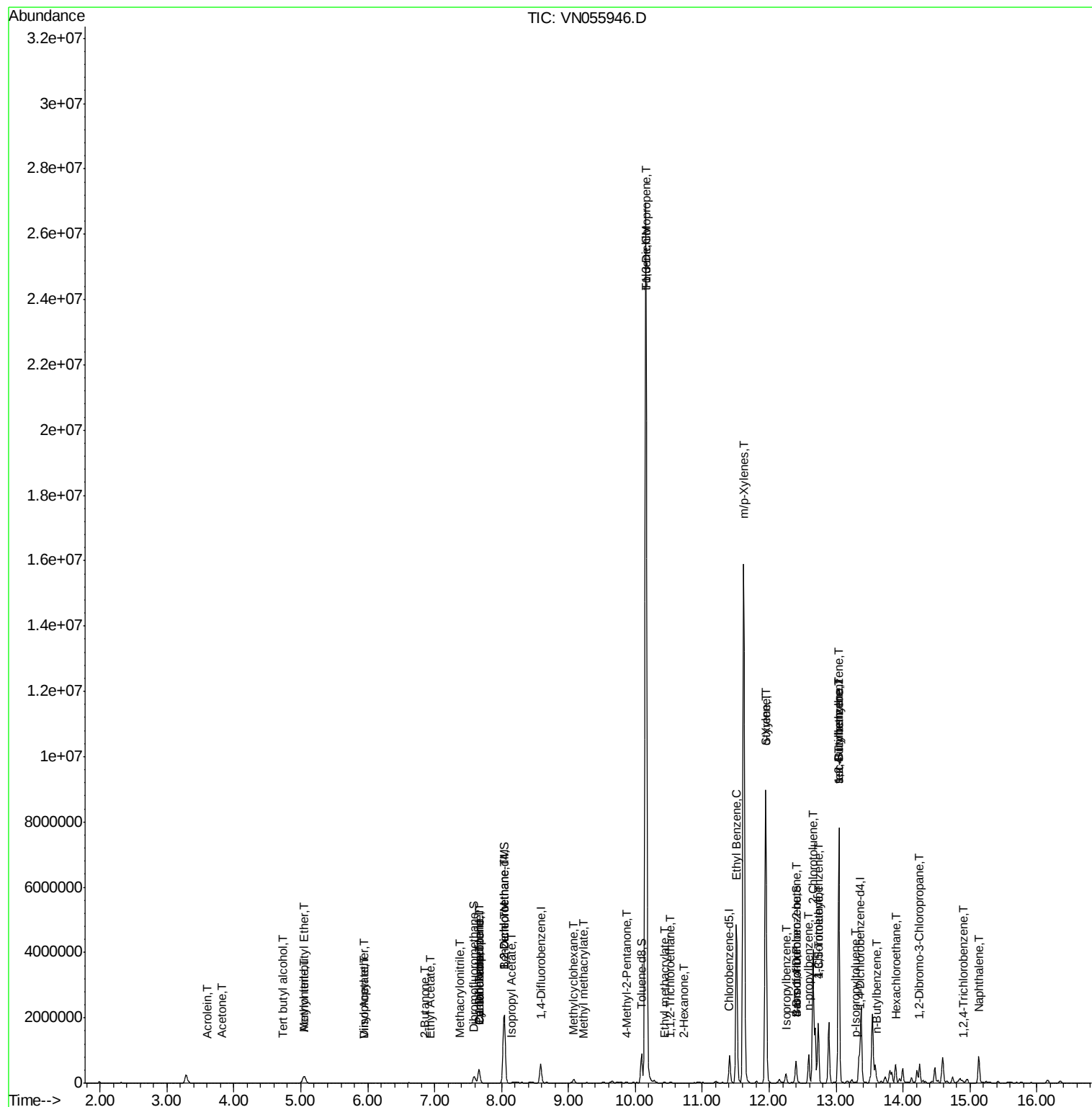
78) n-propylbenzene	12.59	91	707286	34.433	ug/l	100
79) 2-Chlorotoluene	12.65	91	299666	25.853	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	1031875	74.157	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	108465	61.750	ug/l #	15
82) 4-Chlorotoluene	12.73	91	99258	8.221	ug/l #	39
83) tert-Butylbenzene	13.04	119	570432	46.418	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.04	105	4565225	336.562	ug/l	99
85) sec-Butylbenzene	13.04	105	4565225	298.695	ug/l #	55
86) p-Isopropyltoluene	13.29	119	17956	1.094	ug/l #	79
89) n-Butylbenzene	13.61	91	32978	2.622	ug/l #	58
90) Hexachloroethane	13.89	117	28339	9.072	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1993	1.903	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	221	3.682	ug/l #	74
95) Naphthalene	15.13	128	718049	65.680	ug/l	100

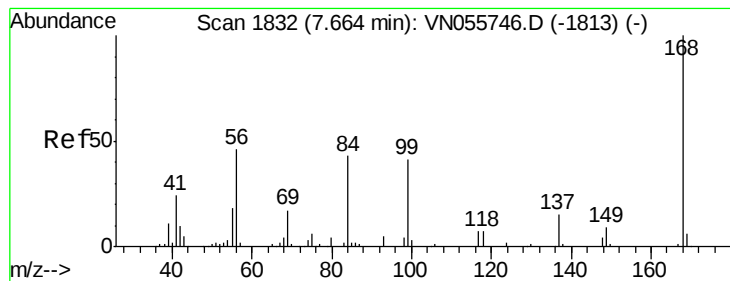
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

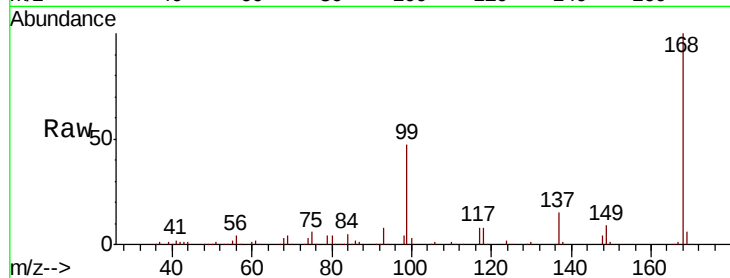
13904

Tot Ion:168 Resp: 366022

Ion Ratio Lower Upper

168 100

99 46.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

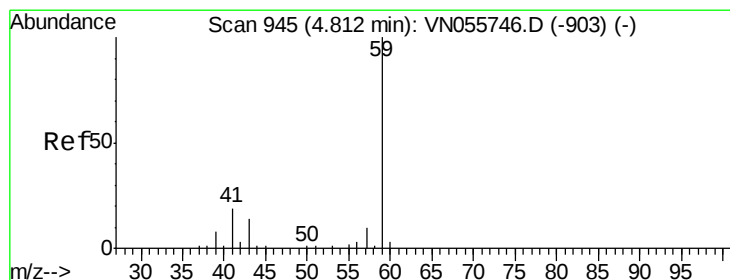
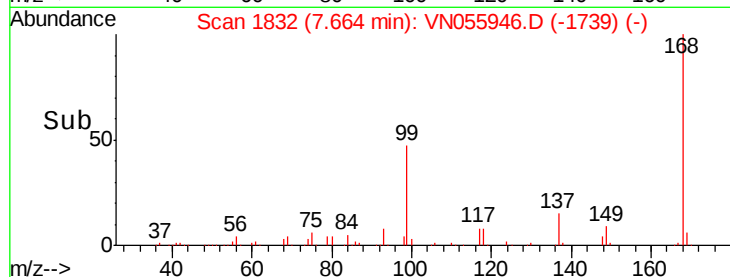
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 11.975 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.07 min

Lab File: VN055946.D

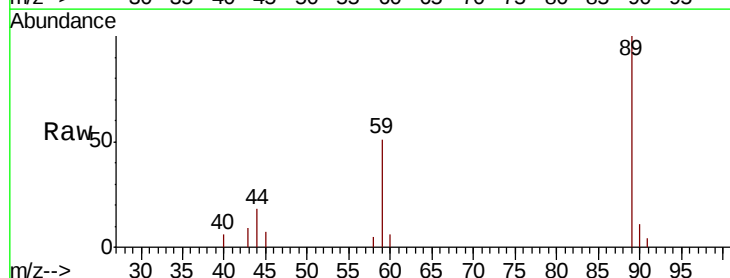
Acq: 1 Jun 2019 4:06

Tgt Ion: 59 Resp: 8649

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.74

2500

2000

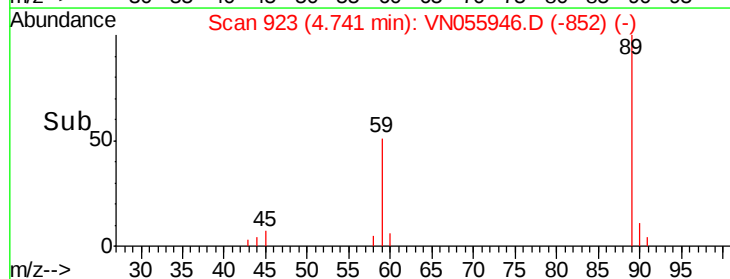
1500

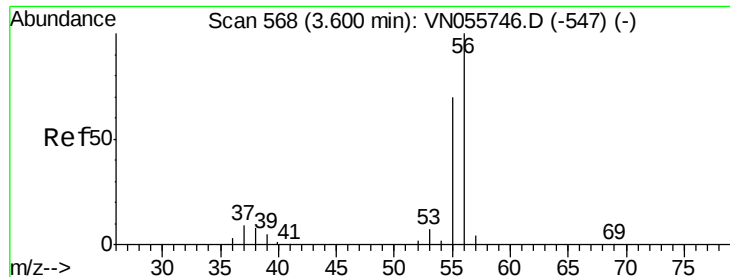
1000

500

0

Time-->





#13

Acrolein

Concen: 0.338 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampled :

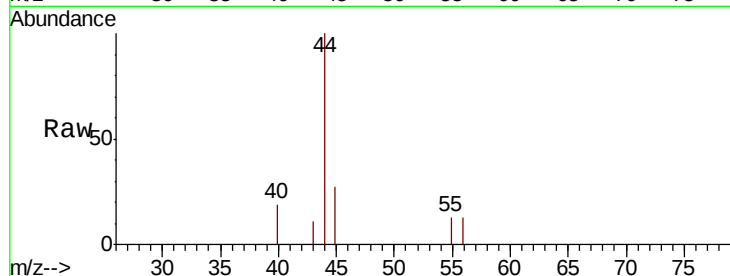
13904

Tot Ion: 56 Resp: 175

Ion Ratio Lower Upper

56 100

55 0.0 55.4 83.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

400

300

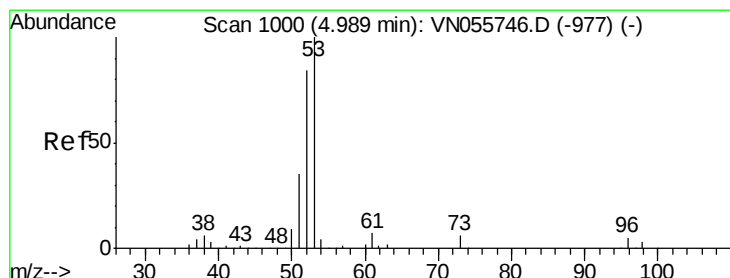
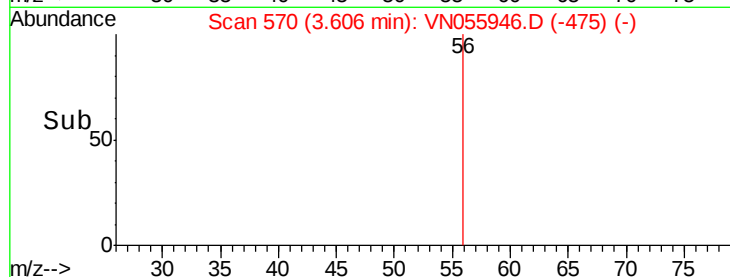
200

100

0

3.59 3.60 3.61 3.62 3.63

Time-->



#15

Acrylonitrile

Concen: 1.181 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.05 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

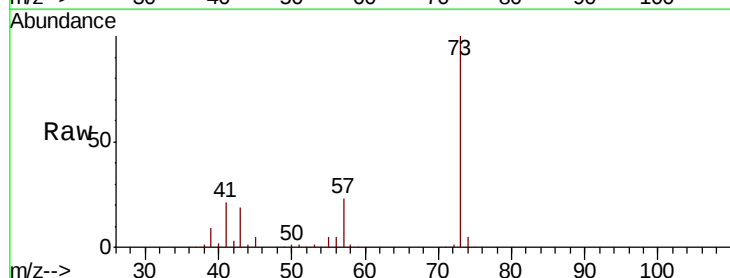
Tgt Ion: 53 Resp: 1958

Ion Ratio Lower Upper

53 100

52 0.0 65.8 98.8#

51 136.7 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

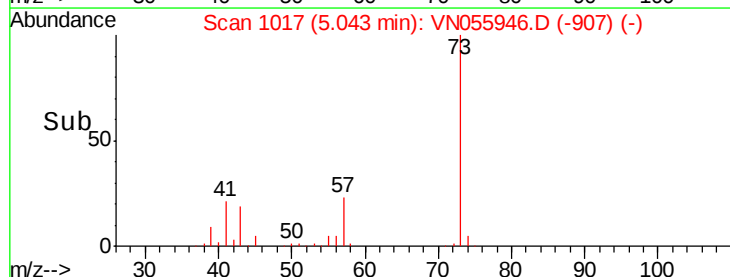
1000

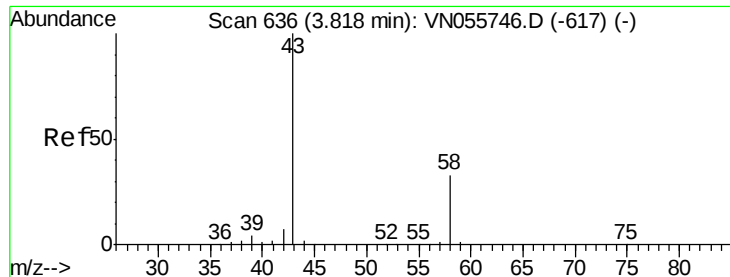
500

0

5.00 5.05

Time-->





#16

Acetone

Concen: 11.825 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

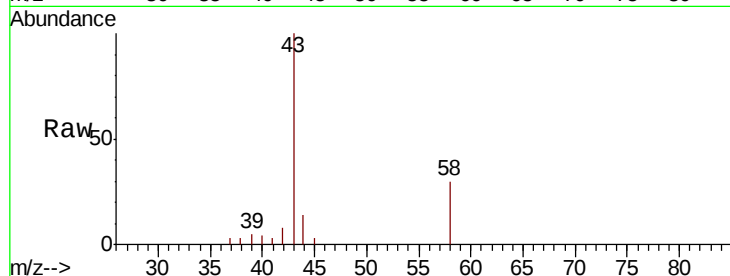
13904

Tot Ion: 43 Resp: 19649

Ion Ratio Lower Upper

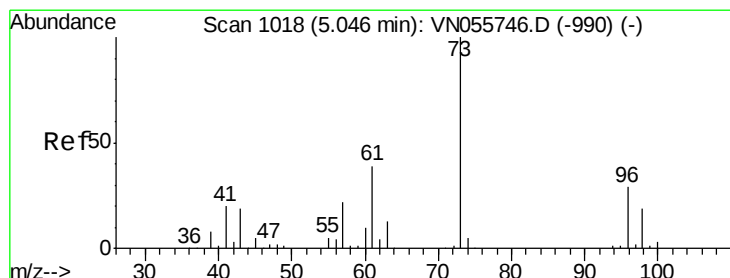
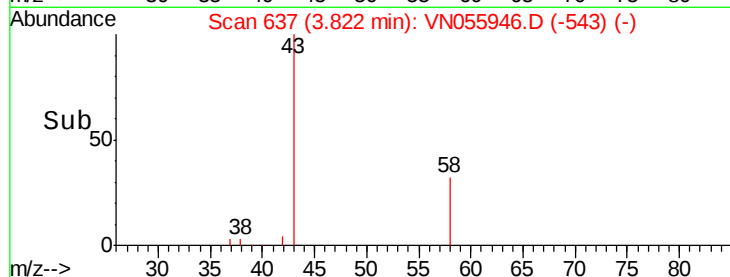
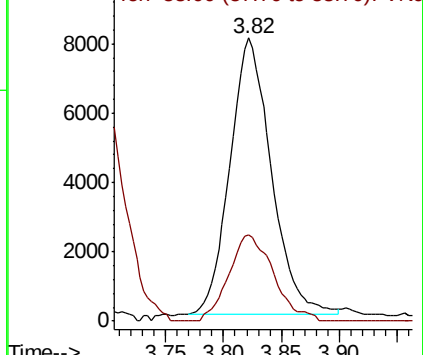
43 100

58 31.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#19

Methyl tert-butyl Ether

Concen: 34.514 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VN055946.D

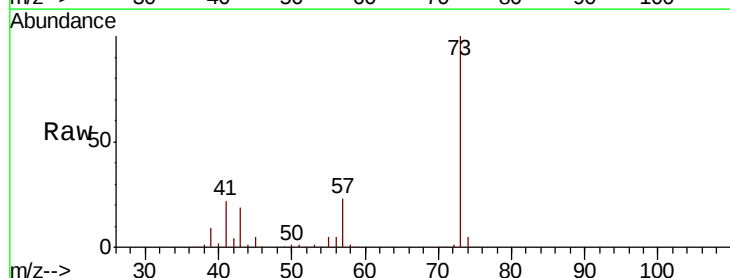
Acq: 1 Jun 2019 4:06

Tgt Ion: 73 Resp: 358329

Ion Ratio Lower Upper

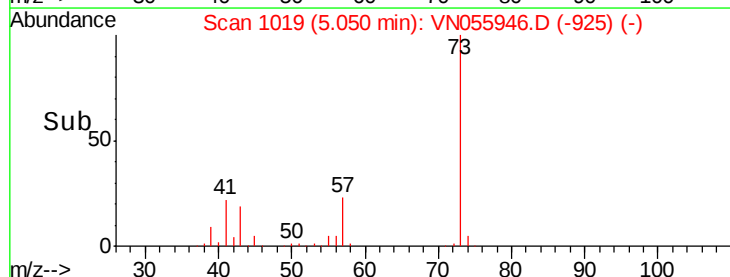
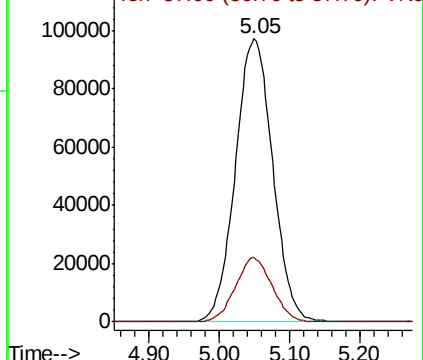
73 100

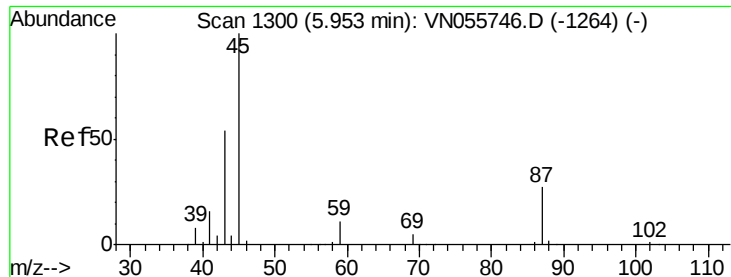
57 22.6 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#22

Diisopropyl ether

Concen: 0.365 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampled :

13904

Tot Ion: 45 Resp: 3792

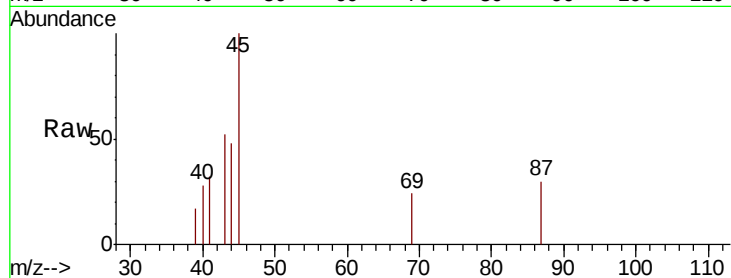
Ion Ratio Lower Upper

45 100

43 52.2 45.0 67.6

87 30.2 22.2 33.4

59 0.0 9.1 13.7#

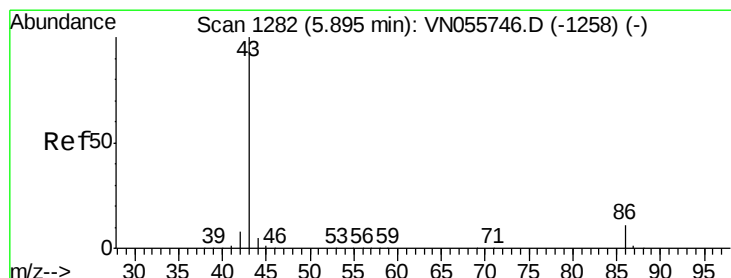
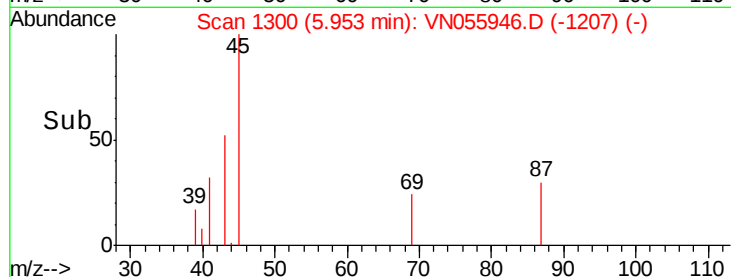
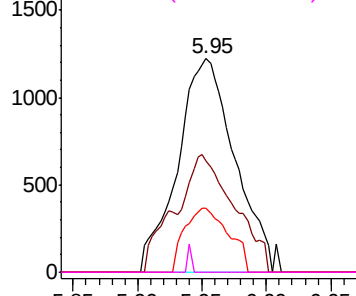


Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0



#23

Vinyl Acetate

Concen: 0.241 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. 0.05 min

Lab File: VN055946.D

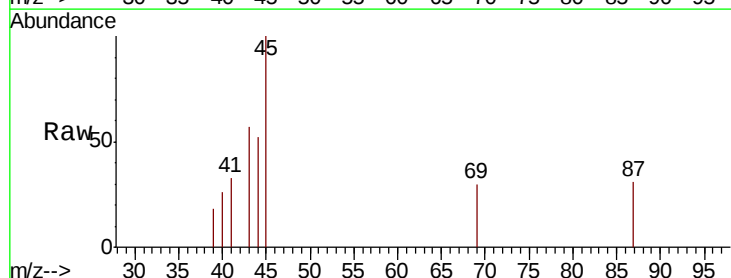
Acq: 1 Jun 2019 4:06

Tgt Ion: 43 Resp: 2143

Ion Ratio Lower Upper

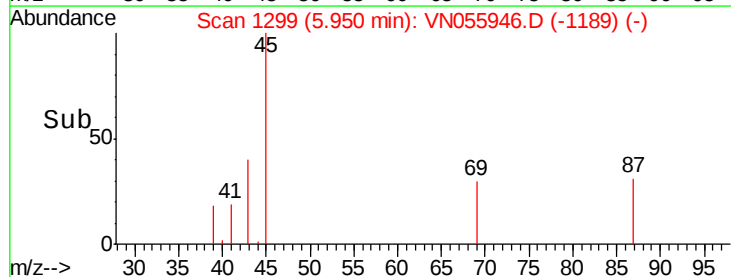
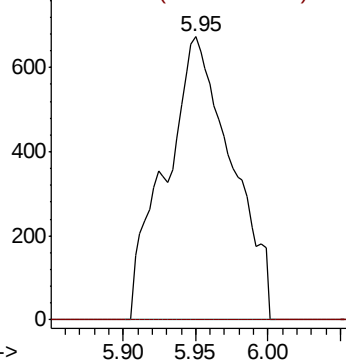
43 100

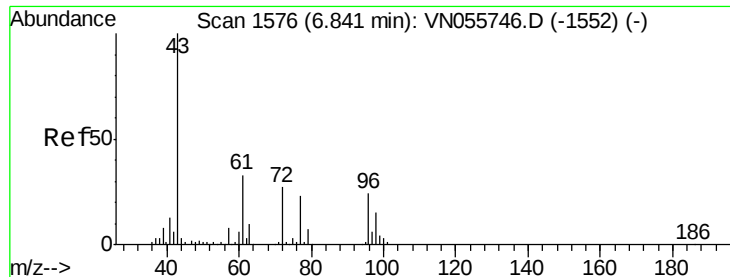
86 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

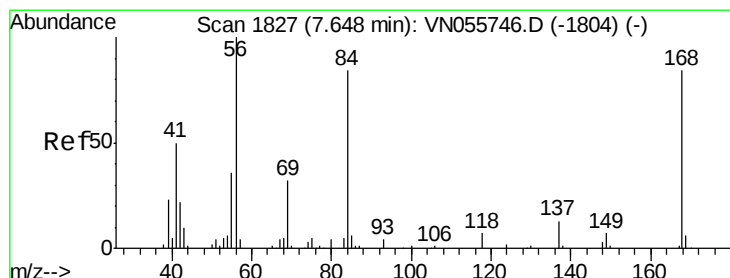
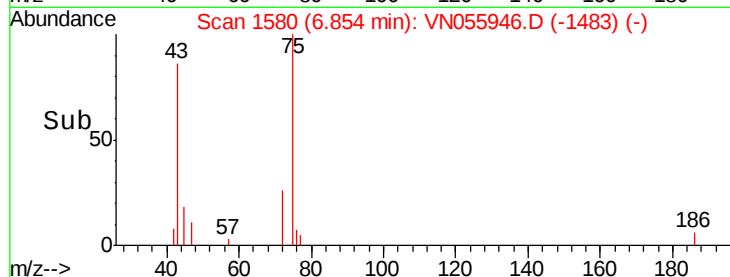
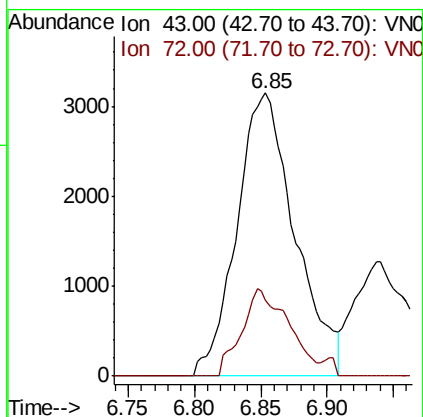
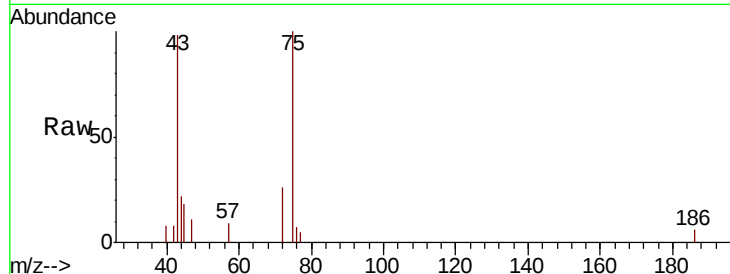




#25
2-Butanone
Concen: 4.133 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

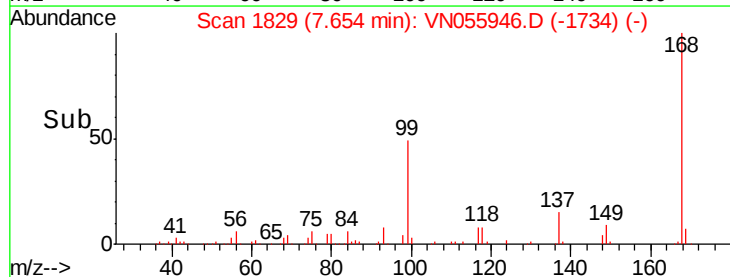
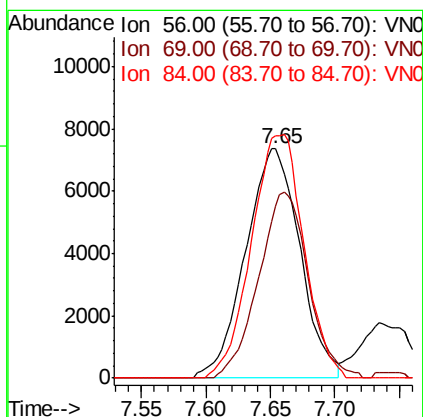
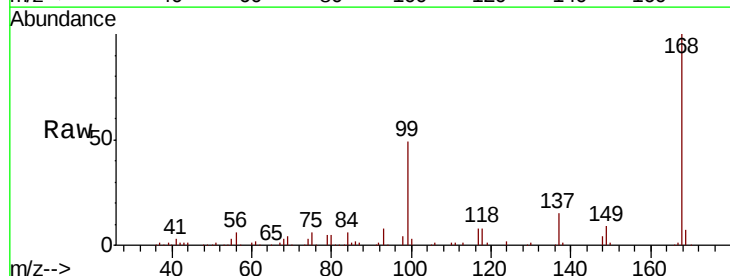
Instrument :
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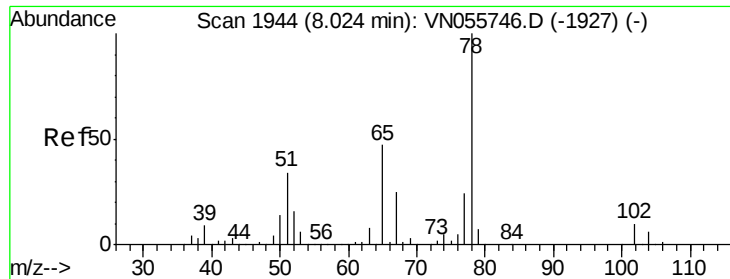
Tot Ion: 43 Resp: 9592
Ion Ratio Lower Upper
43 100
72 26.7 21.9 32.9



#31
Cyclohexane
Concen: 3.797 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

Tgt Ion: 56 Resp: 21544
Ion Ratio Lower Upper
56 100
69 74.8 25.6 38.4#
84 106.0 67.4 101.0#

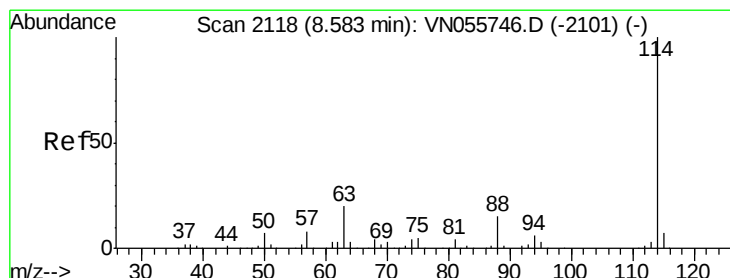
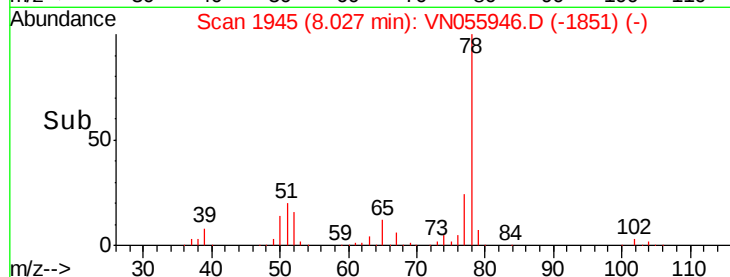
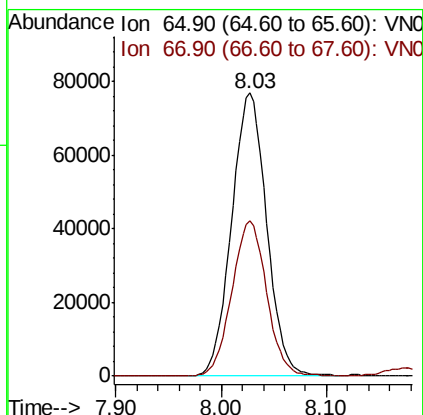
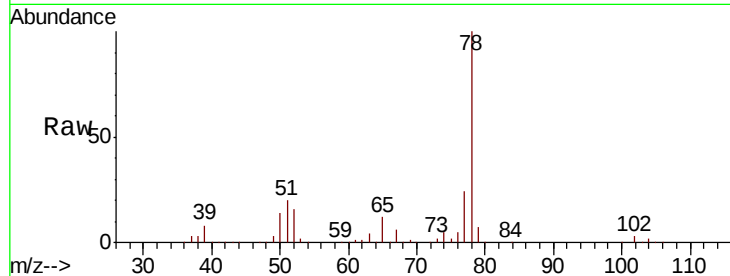




#33
 1,2-Dichloroethane-d4
 Concen: 46.934 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055946.D
 Acq: 1 Jun 2019 4:06

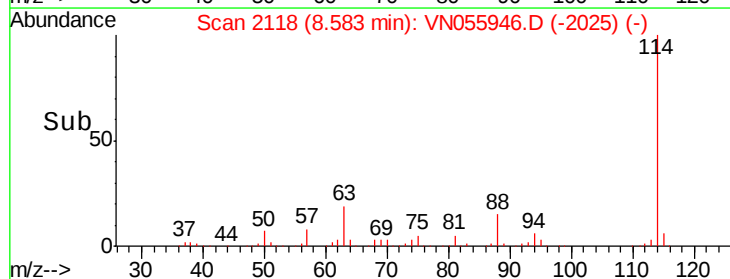
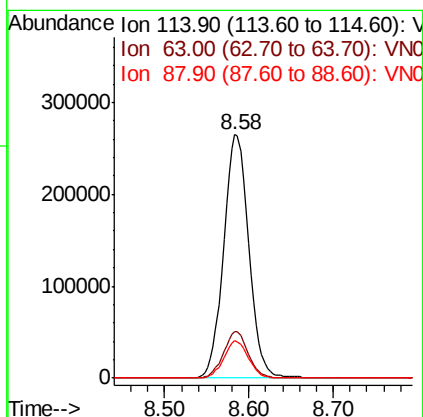
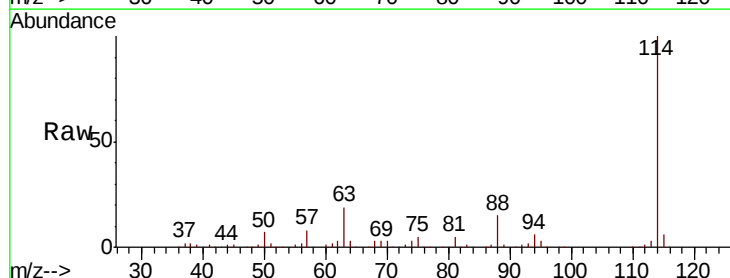
Instrument :
 MSVOA_N
 ClientSampled :
 13904

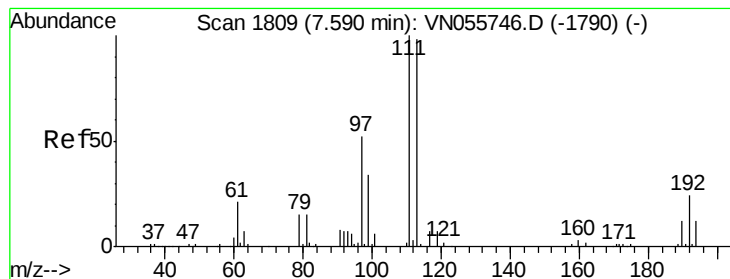
Tot Ion: 65 Resp: 177409
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055946.D
 Acq: 1 Jun 2019 4:06

Tgt Ion: 114 Resp: 549692
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 44.391 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampled :

13904

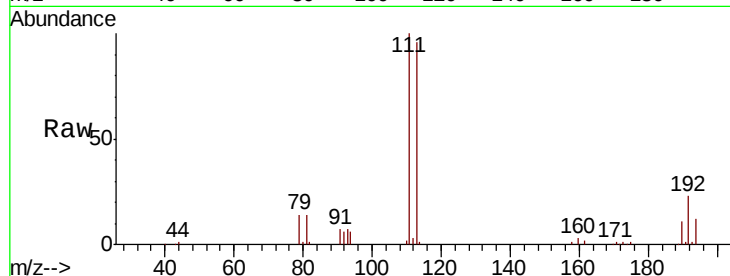
Tot Ion:113 Resp: 154273

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

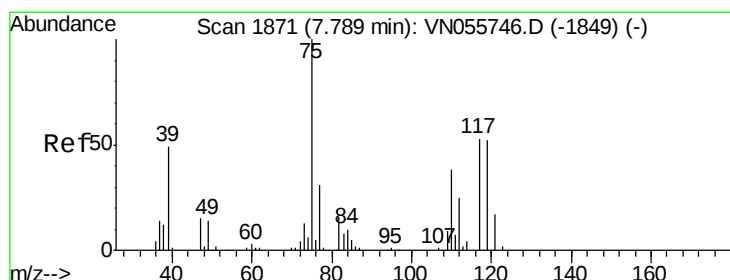
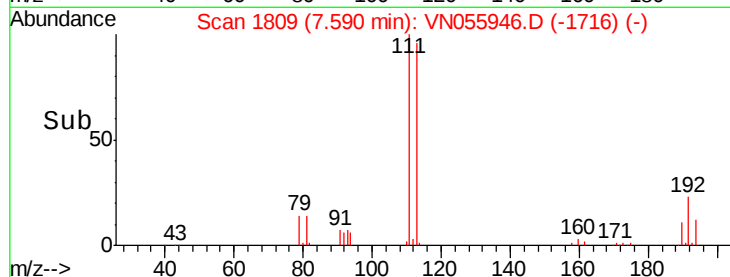
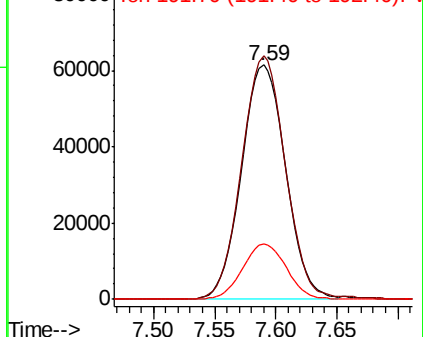
192 23.5 19.5 29.3



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: 4.531 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

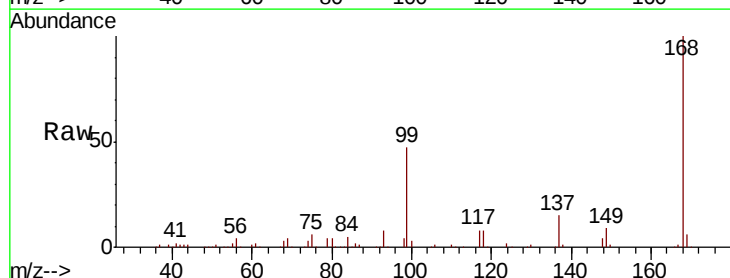
Tgt Ion: 75 Resp: 21704

Ion Ratio Lower Upper

75 100

110 9.0 19.0 57.0#

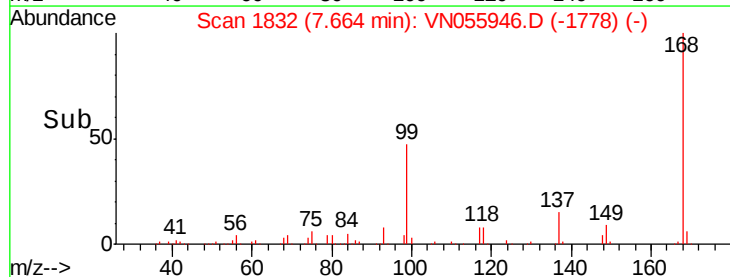
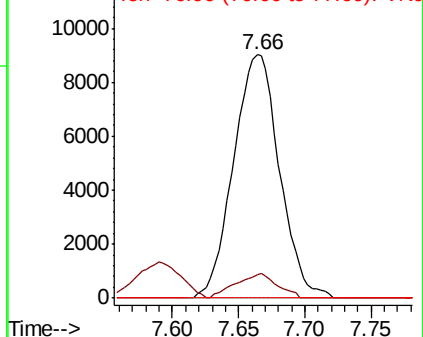
77 0.0 25.1 37.7#

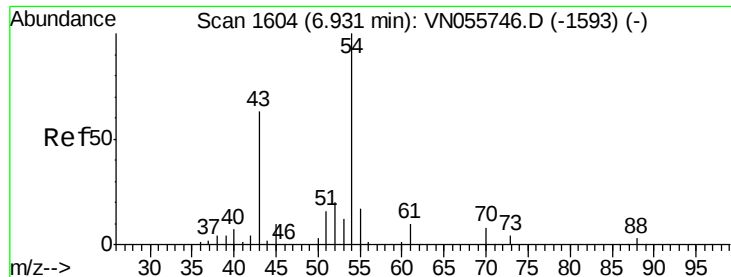


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

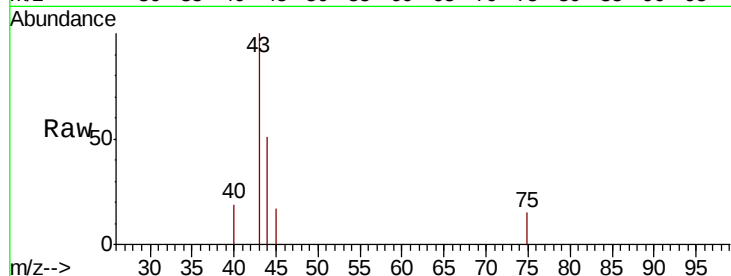




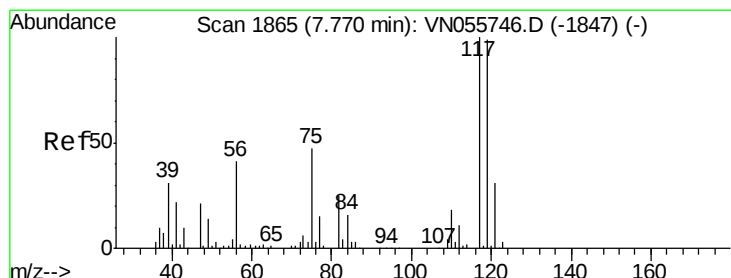
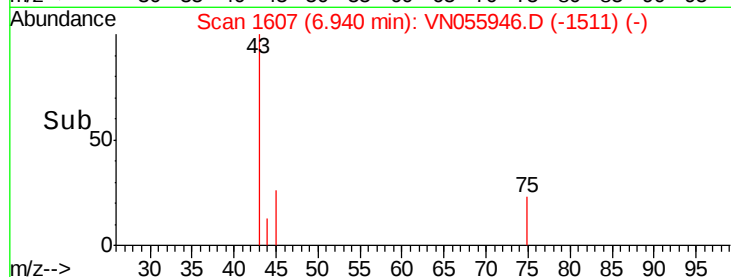
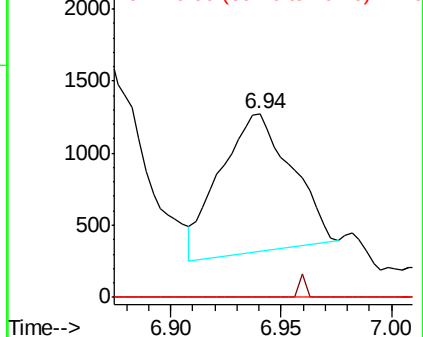
#37
Ethyl Acetate
Concen: 0.469 ug/l
RT: 6.94 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

Instrument :
MSVOA_N
ClientSampled :
13904

Tot Ion: 43 Resp: 2171
Ion Ratio Lower Upper
43 100
61 1.5 12.2 18.2#
70 0.0 8.9 13.3#

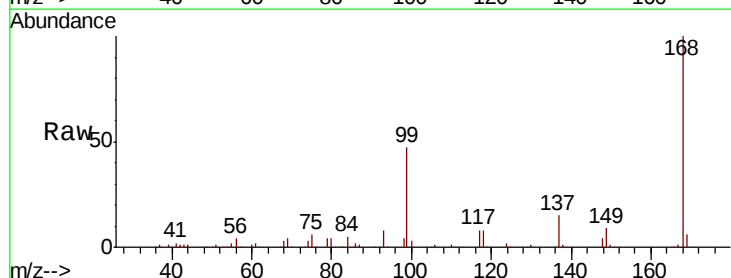


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

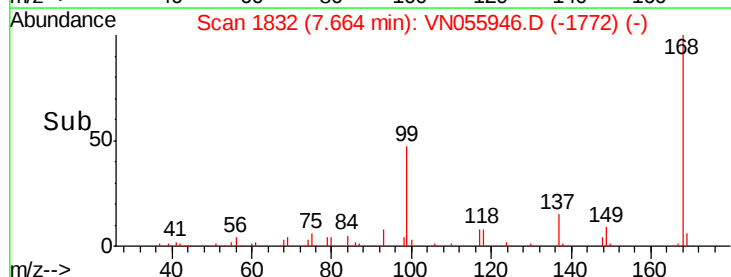
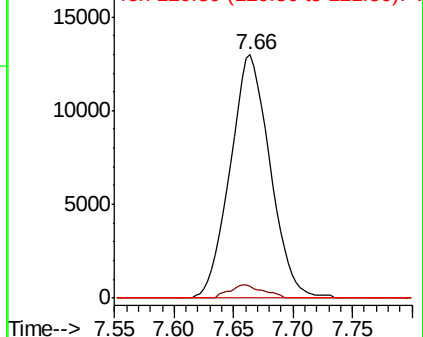


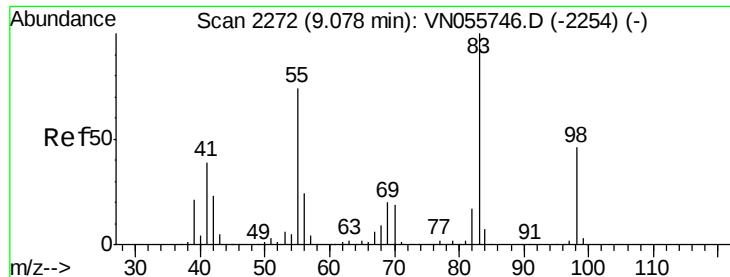
#38
Carbon Tetrachloride
Concen: 6.054 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

Tgt Ion: 117 Resp: 30207
Ion Ratio Lower Upper
117 100
119 4.7 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

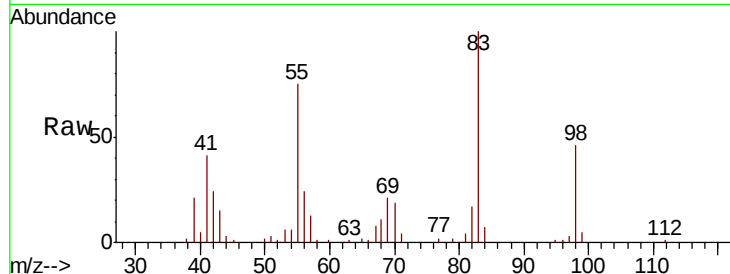




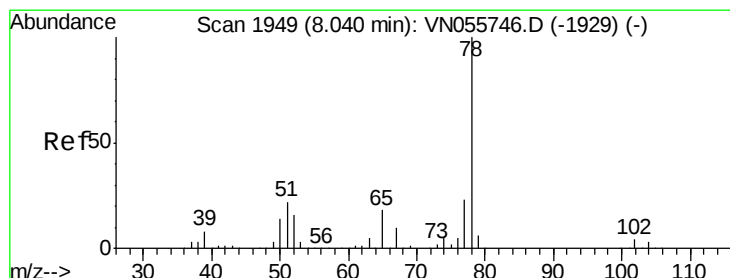
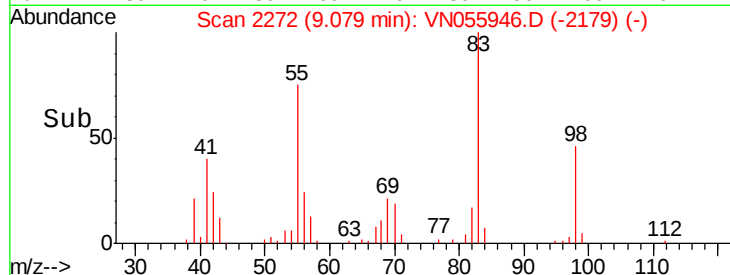
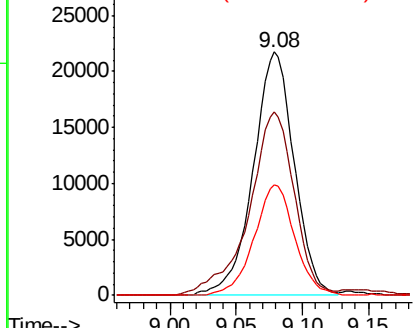
#39
Methvlcvclohexane
Concen: 7.890 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

Instrument :
MSVOA_N
ClientSampleId :
13904

Tot Ion: 83 Resp: 46802
Ion Ratio Lower Upper
83 100
55 73.6 59.3 88.9
98 45.6 36.6 54.8

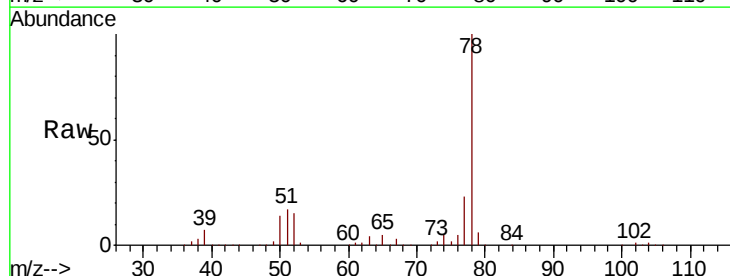


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

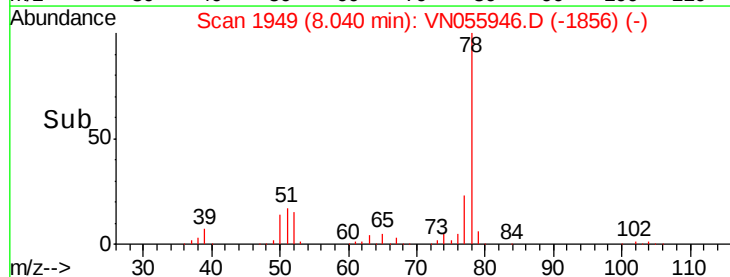
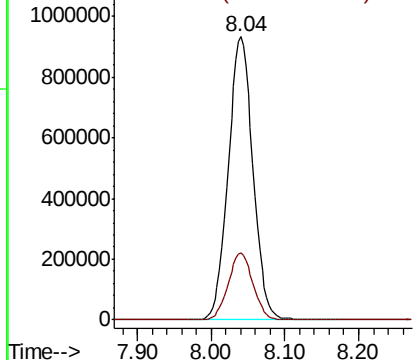


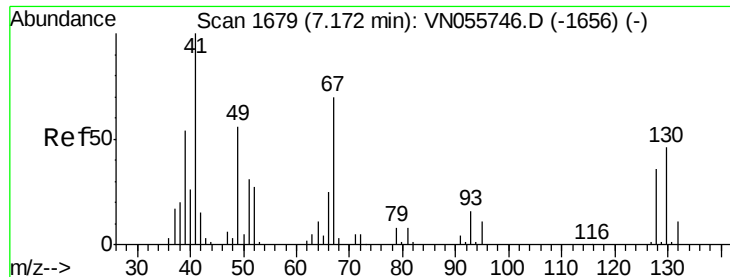
#40
Benzene
Concen: 150.065 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

Tgt Ion: 78 Resp: 2166519
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 0.788 ug/l

RT: 7.39 min Scan# 1748

Delta R.T. 0.22 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampled :

13904

Tot Ion: 41 Resp: 1843

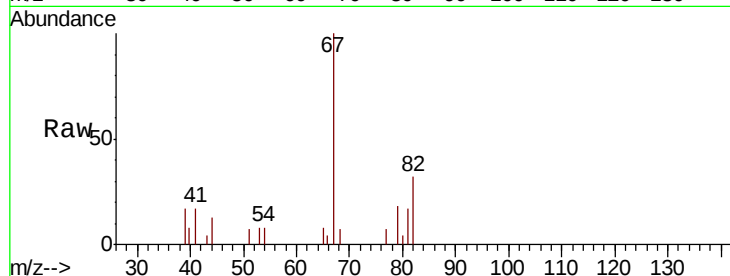
Ion Ratio Lower Upper

41 100

39 122.8 45.6 68.4#

67 683.8 67.7 101.5#

52 0.0 26.6 40.0#

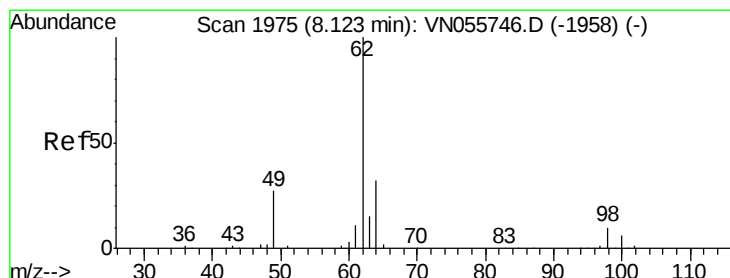
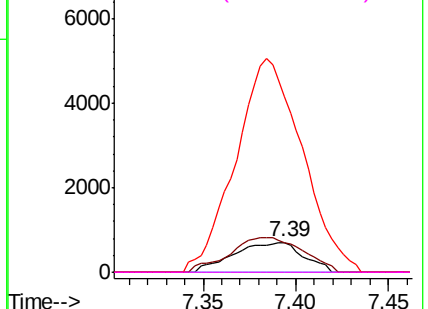
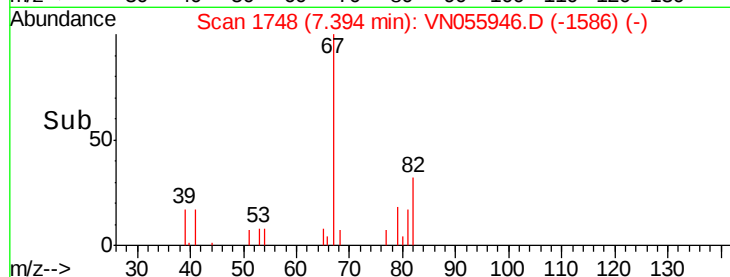


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 3.545 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.08 min

Lab File: VN055946.D

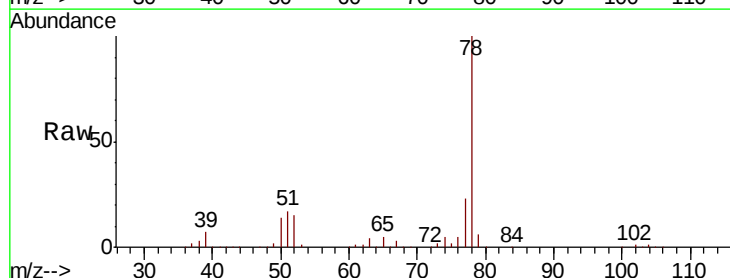
Acq: 1 Jun 2019 4:06

Tgt Ion: 62 Resp: 16722

Ion Ratio Lower Upper

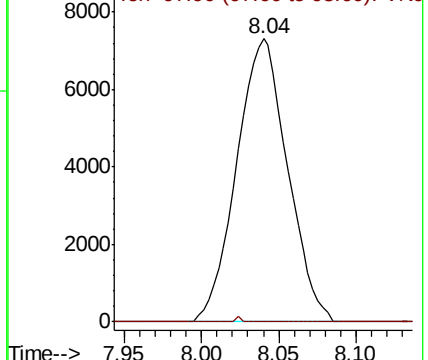
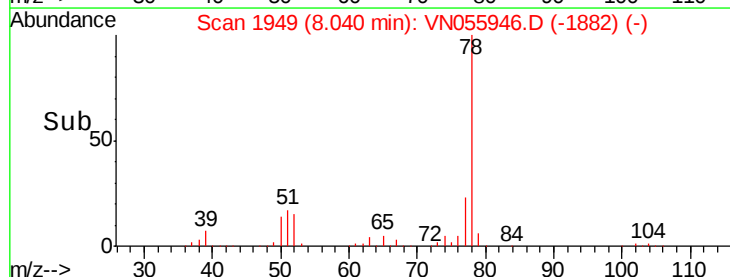
62 100

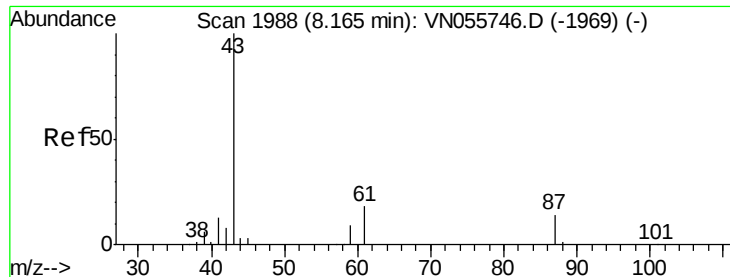
98 0.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 0.219 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.02 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampled :

13904

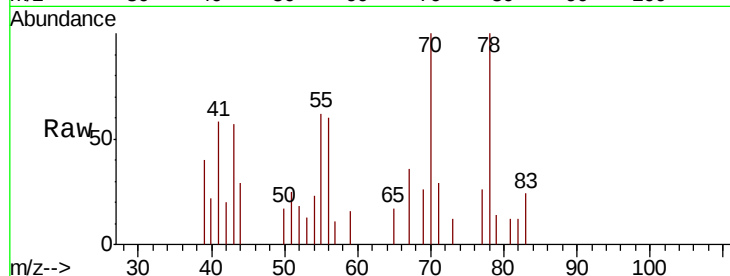
Tot Ion: 43 Resp: 1701

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.4#

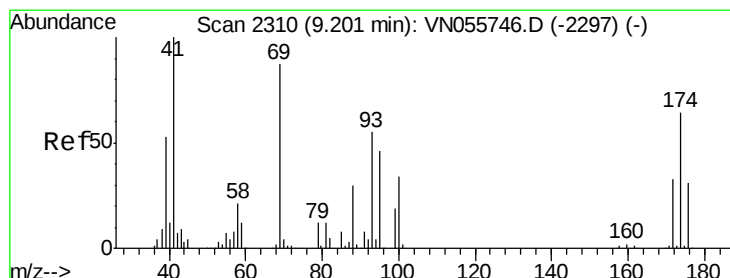
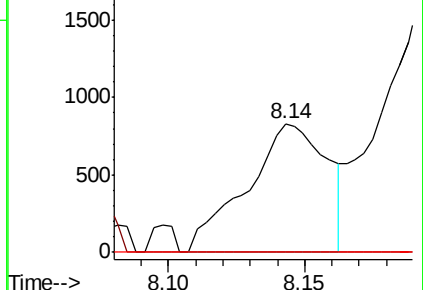
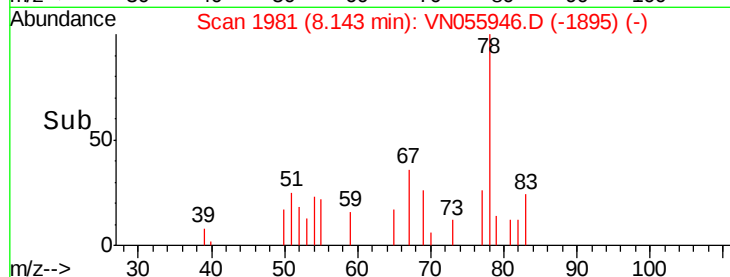
87 0.0 11.4 17.2#



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



#48

Methyl methacrylate

Concen: 0.244 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.01 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

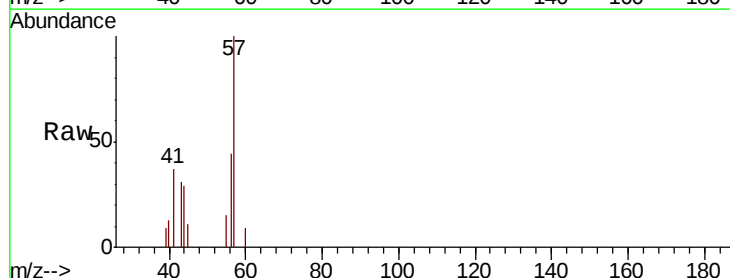
Tgt Ion: 41 Resp: 873

Ion Ratio Lower Upper

41 100

69 0.0 71.0 106.6#

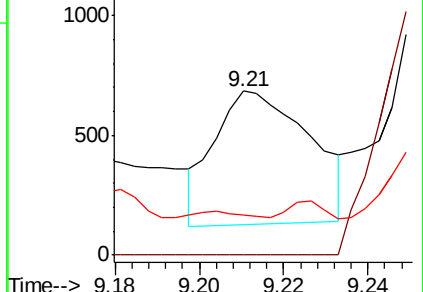
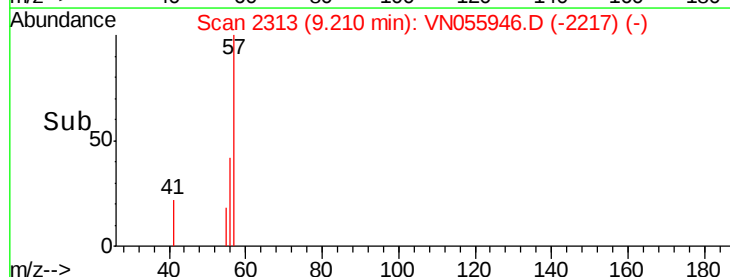
39 0.0 44.2 66.2#

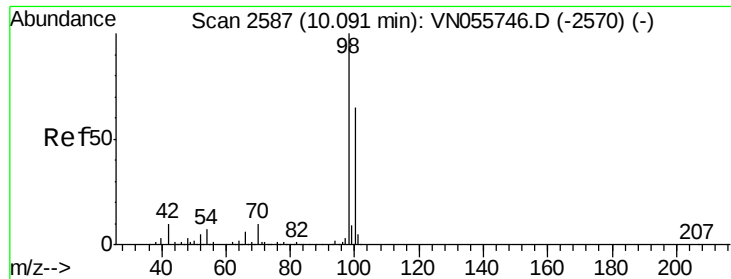


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 49.936 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

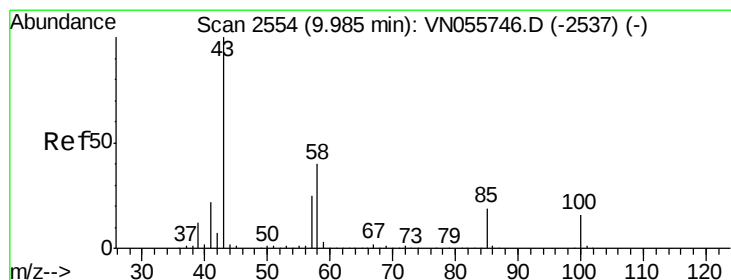
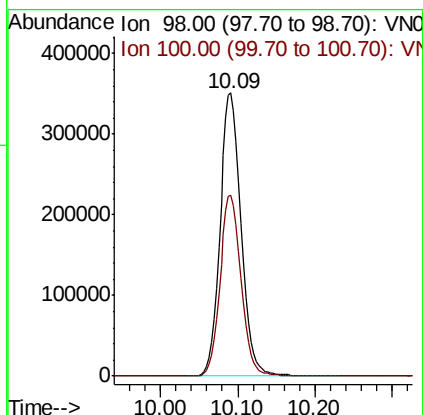
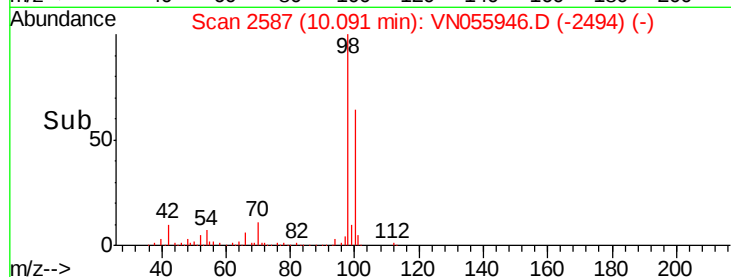
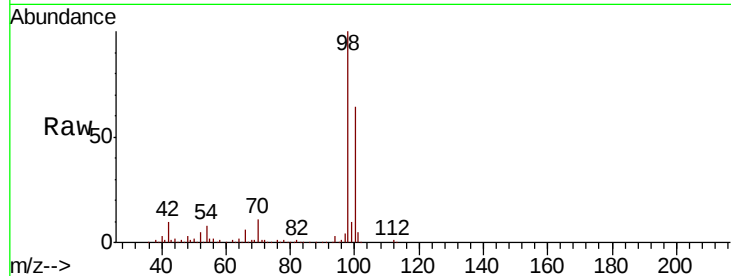
13904

Tot Ion: 98 Resp: 665697

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 2.356 ug/l

RT: 9.87 min Scan# 2517

Delta R.T. -0.12 min

Lab File: VN055946.D

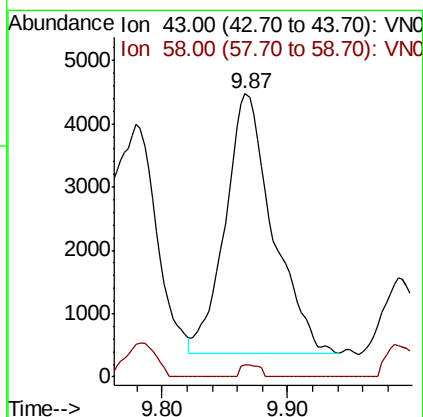
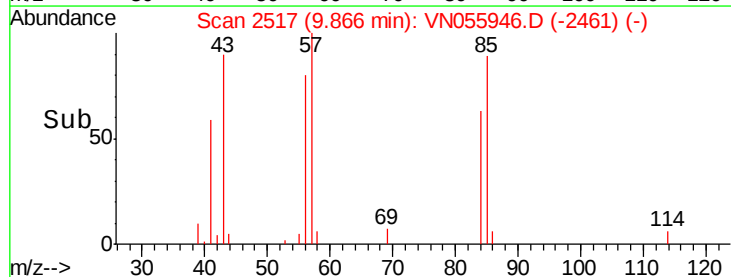
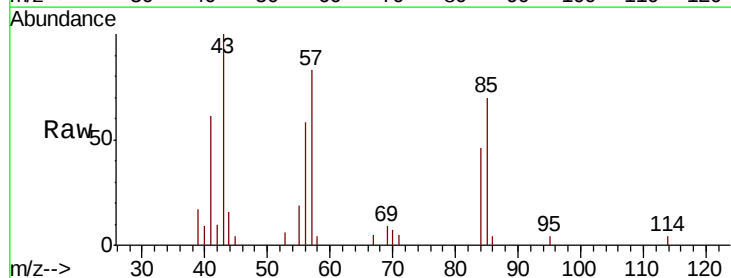
Acq: 1 Jun 2019 4:06

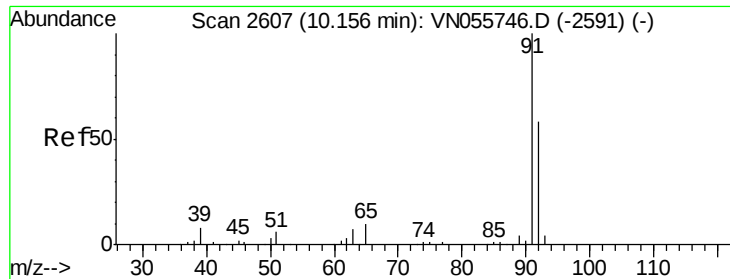
Tgt Ion: 43 Resp: 10826

Ion Ratio Lower Upper

43 100

58 1.8 32.1 48.1#





#52

Toluene

Concen: 1409.232 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampled :

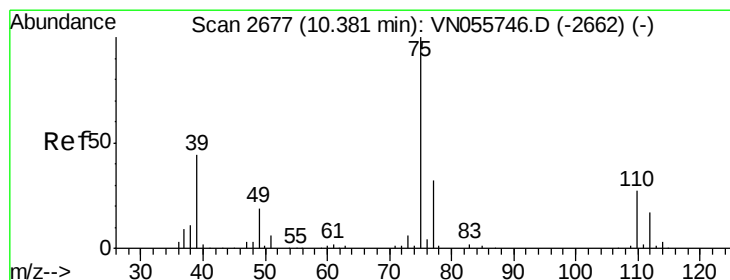
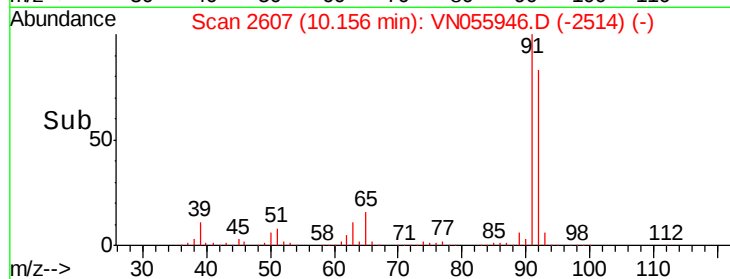
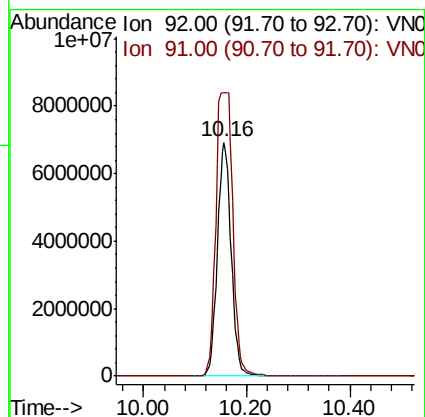
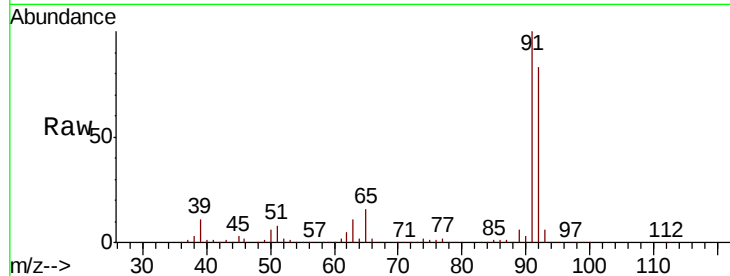
13904

Tot Ion: 92 Resp:12795754

Ion Ratio Lower Upper

92 100

91 0.0 139.4 209.2#



#53

t-1,3-Dichloropropene

Concen: 24.674 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.22 min

Lab File: VN055946.D

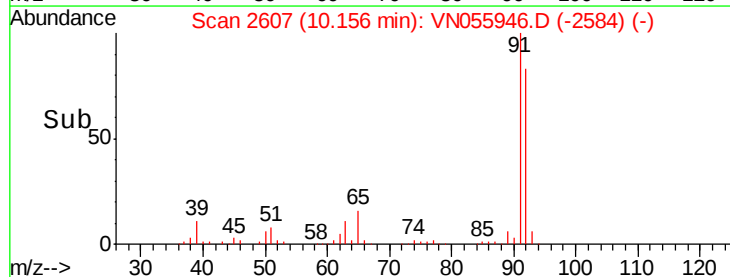
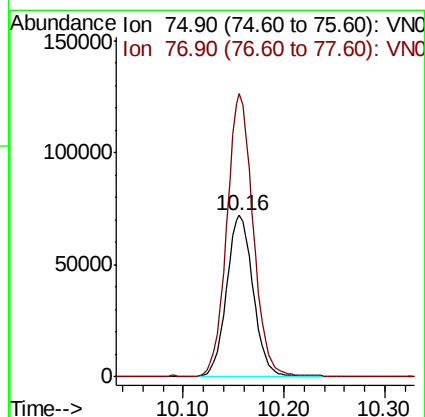
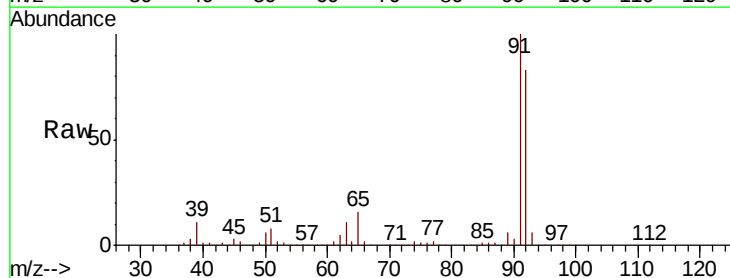
Acq: 1 Jun 2019 4:06

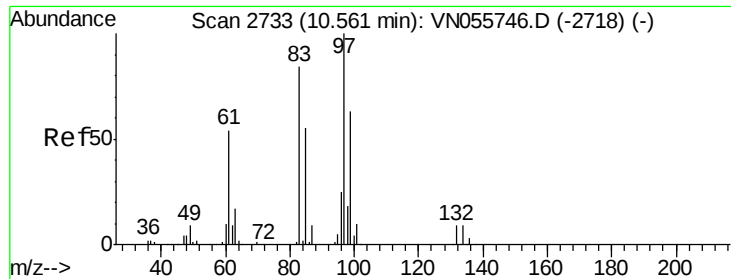
Tgt Ion: 75 Resp: 133224

Ion Ratio Lower Upper

75 100

77 175.1 25.8 38.6#





#55

1,1,2-Trichloroethane

Concen: 2.452 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampled :

13904

Tot Ion: 97 Resp: 8919

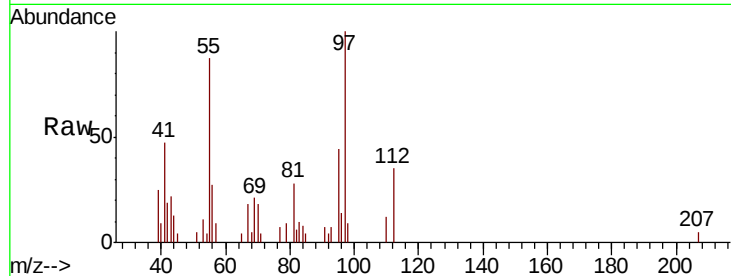
Ion Ratio Lower Upper

97 100

83 9.7 67.0 100.6#

85 3.6 44.0 66.0#

99 0.0 50.6 75.8#

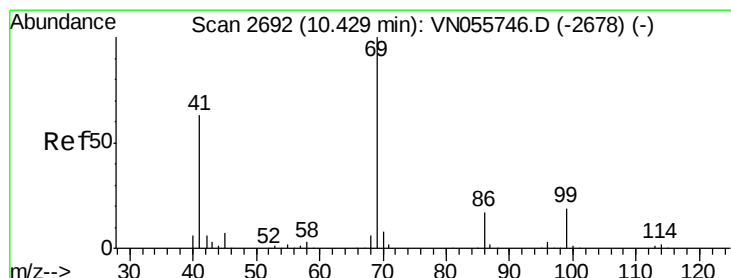
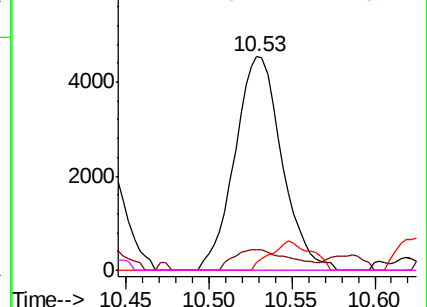
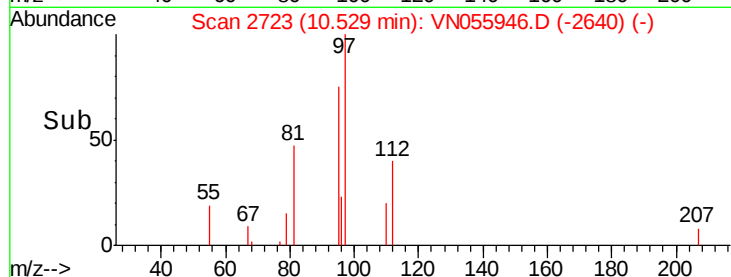


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 1.154 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

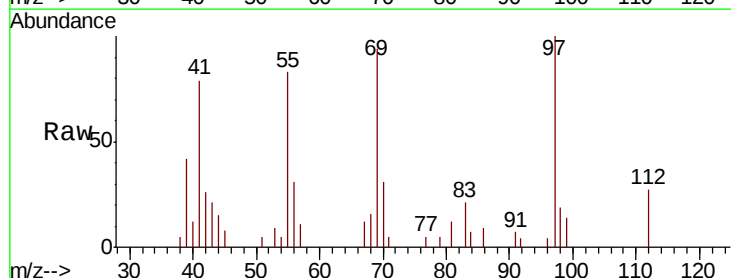
Tgt Ion: 69 Resp: 6485

Ion Ratio Lower Upper

69 100

41 0.0 49.7 74.5#

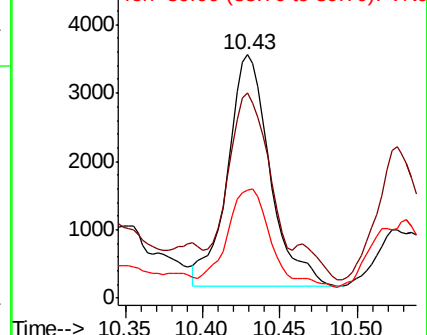
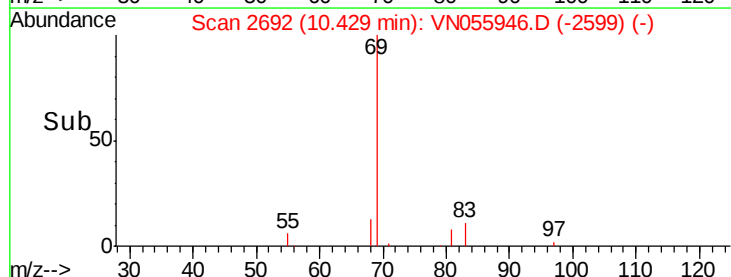
39 0.0 24.7 37.1#

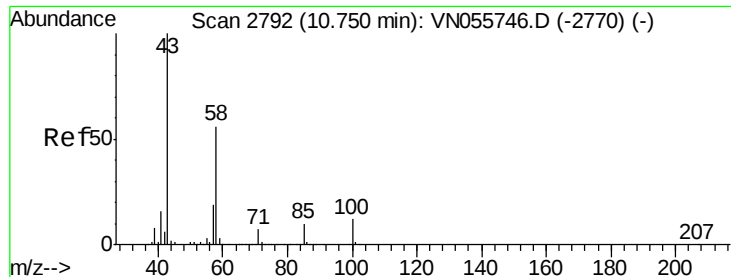


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

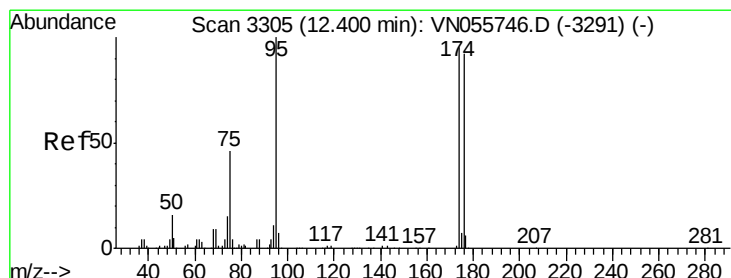
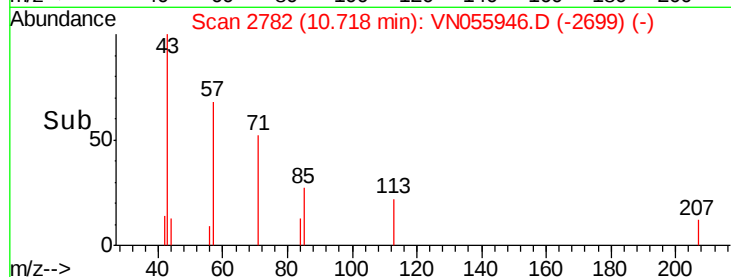
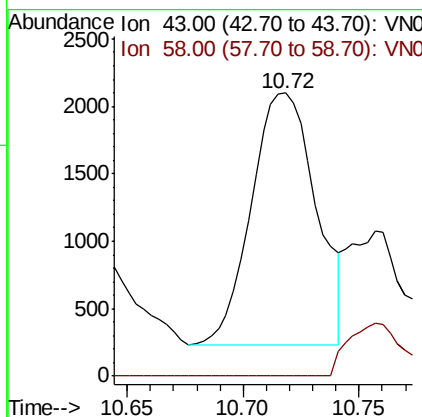
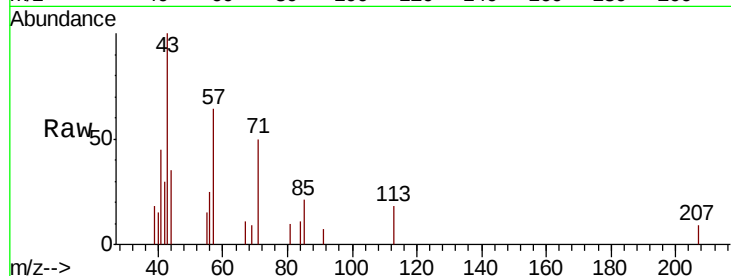




#59
2-Hexanone
Concen: 1.115 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

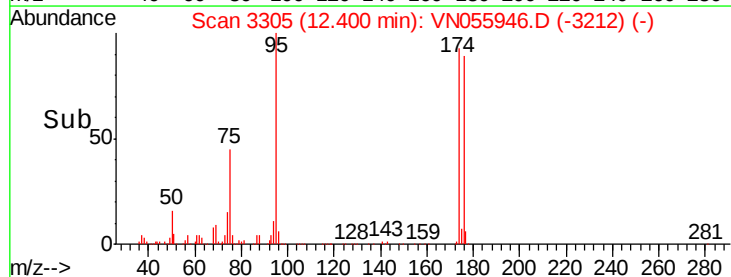
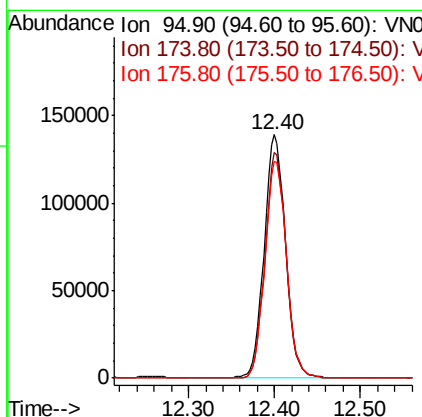
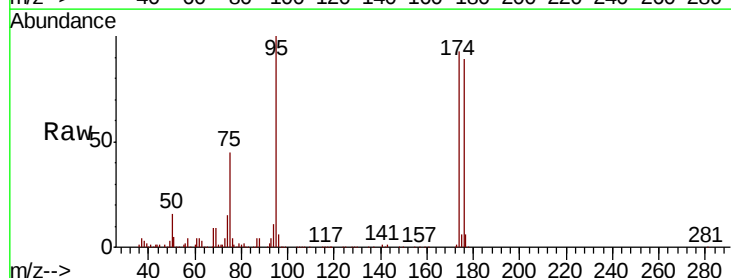
Instrument :
MSVOA_N
ClientSampled :
13904

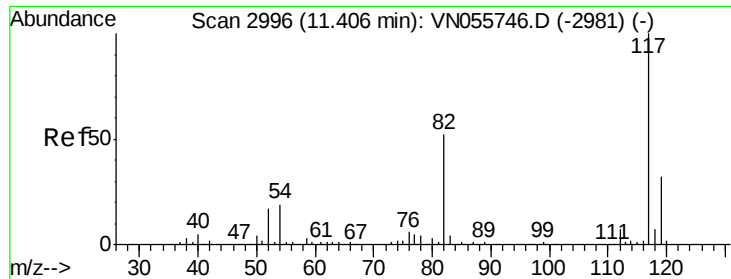
Tot Ion: 43 Resp: 3635
Ion Ratio Lower Upper
43 100
58 0.0 28.2 84.7#



#62
4-Bromofluorobenzene
Concen: 52.961 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

Tgt Ion: 95 Resp: 242089
Ion Ratio Lower Upper
95 100
174 91.6 0.0 191.0
176 89.4 0.0 185.2

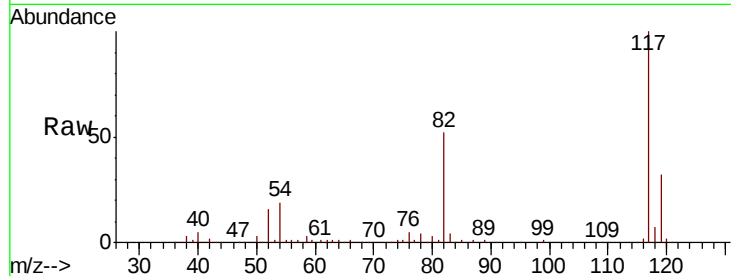




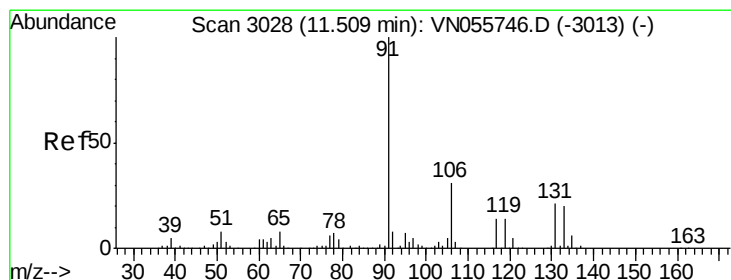
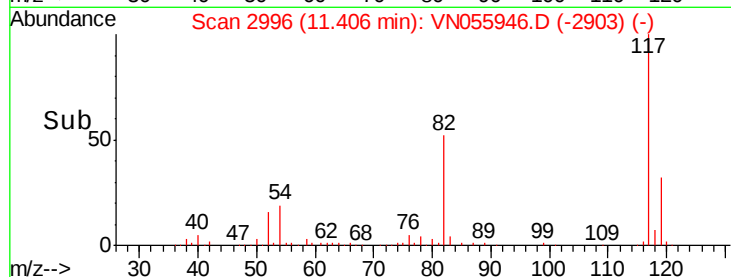
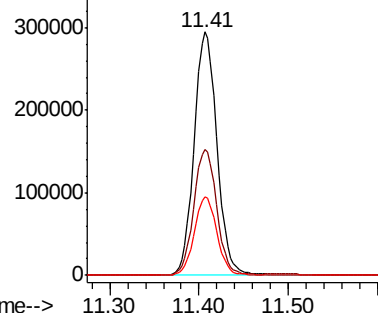
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

Instrument :
MSVOA_N
ClientSampleId :
13904

Tot Ion:117 Resp: 524114
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.3 25.4 38.0

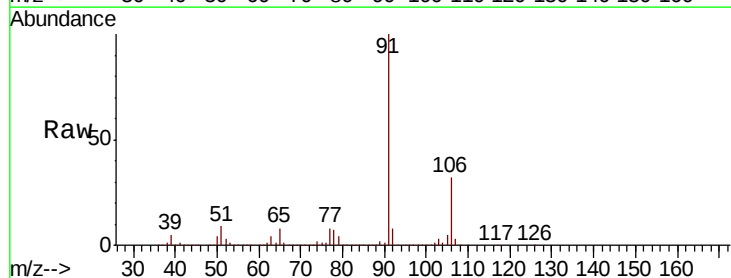


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

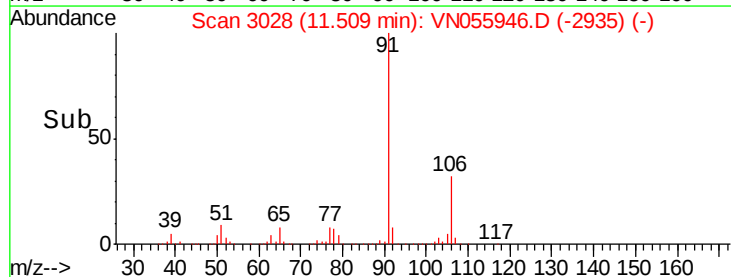
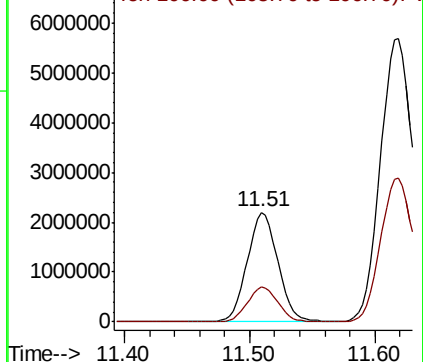


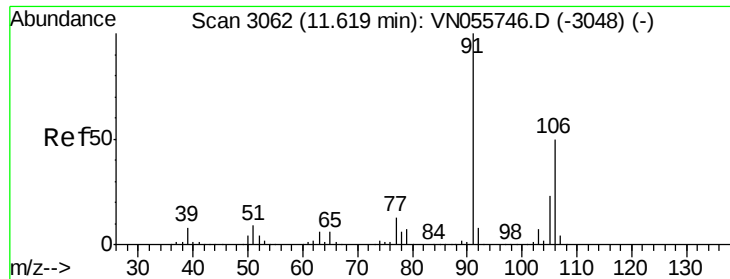
#67
Ethyl Benzene
Concen: 199.520 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

Tgt Ion: 91 Resp: 3754067
Ion Ratio Lower Upper
91 100
106 31.9 25.1 37.7



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

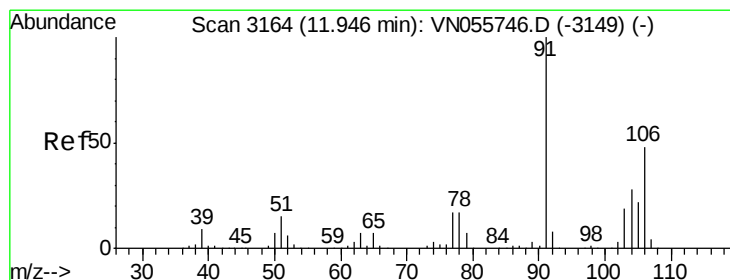
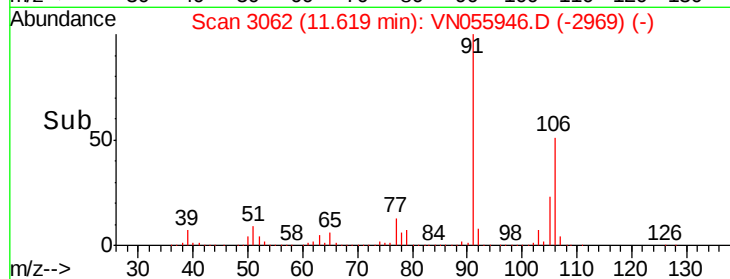
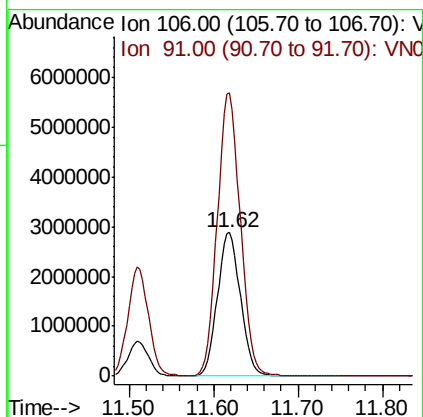
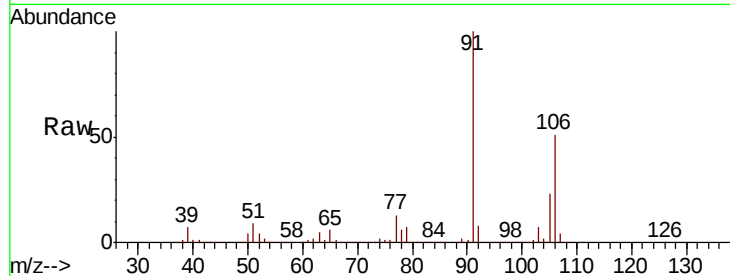




#68
m/p-Xvlenes
Concen: 767.354 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

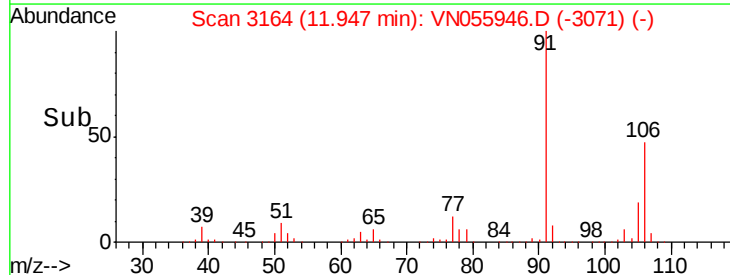
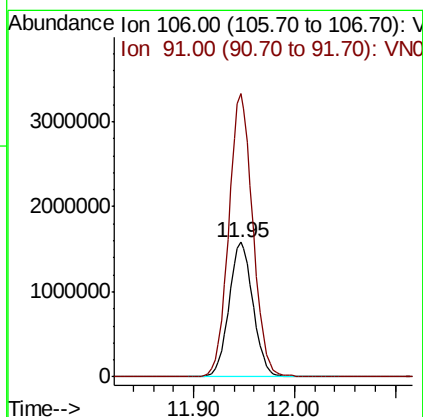
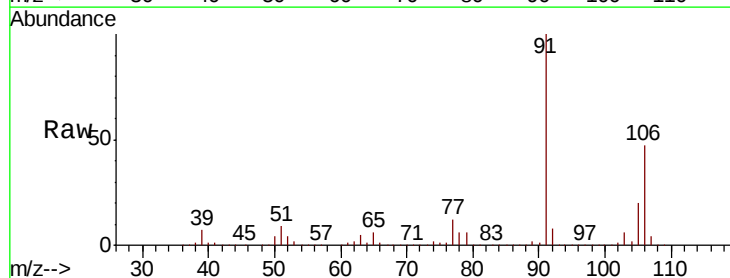
Instrument :
MSVOA_N
ClientSampled :
13904

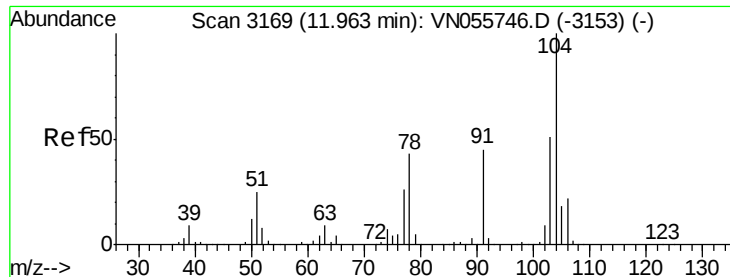
Tot Ion:106 Resp: 5458313
Ion Ratio Lower Upper
106 100
91 197.6 159.3 238.9



#69
o-Xylene
Concen: 372.437 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

Tgt Ion:106 Resp: 2628364
Ion Ratio Lower Upper
106 100
91 210.1 104.7 314.1

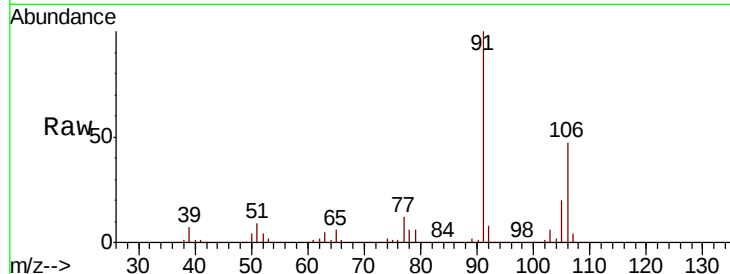




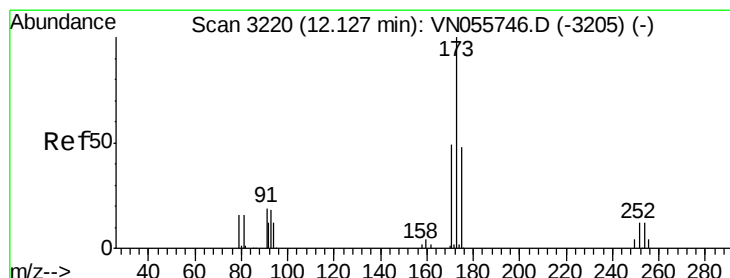
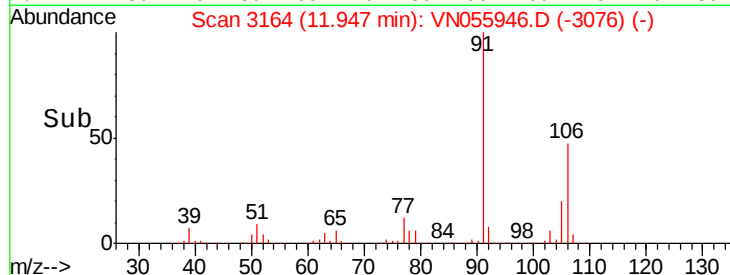
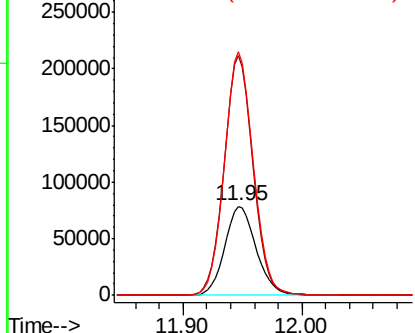
#70
Stvrene
Concen: 12.583 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.02 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

Instrument :
MSVOA_N
ClientSampled :
13904

Tot Ion:104 Resp: 143807
Ion Ratio Lower Upper
104 100
78 247.5 37.8 56.6#
103 251.7 44.2 66.2#

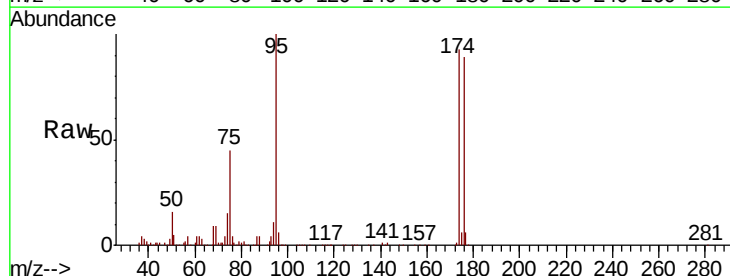


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

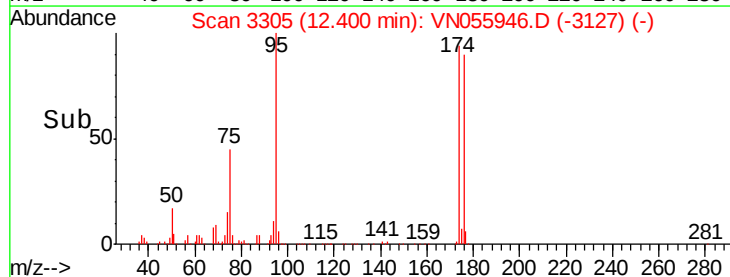
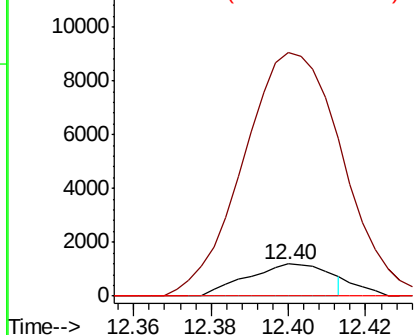


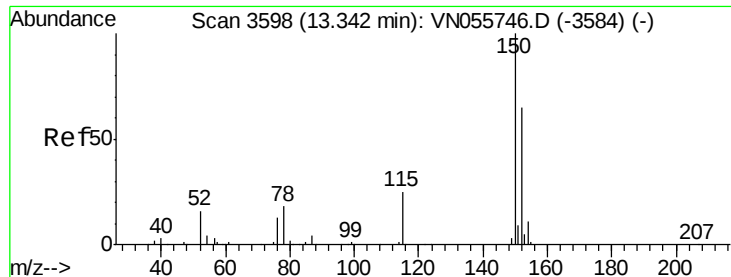
#71
Bromoform
Concen: 0.491 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

Tgt Ion:173 Resp: 1751
Ion Ratio Lower Upper
173 100
175 806.6 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: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampled :

13904

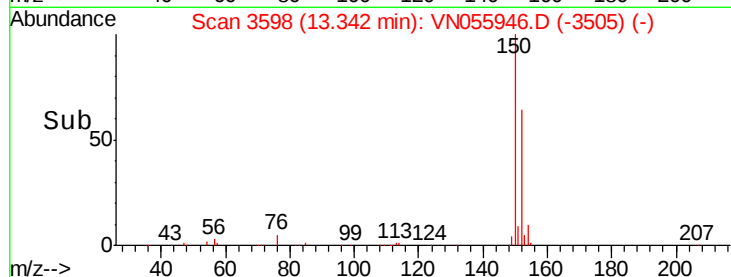
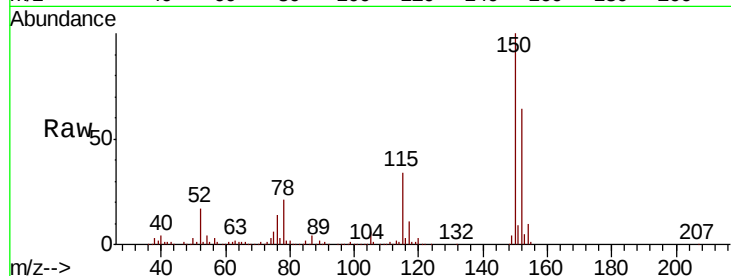
Tot Ion:152 Resp: 236335

Ion Ratio Lower Upper

152 100

115 58.4 27.0 81.0

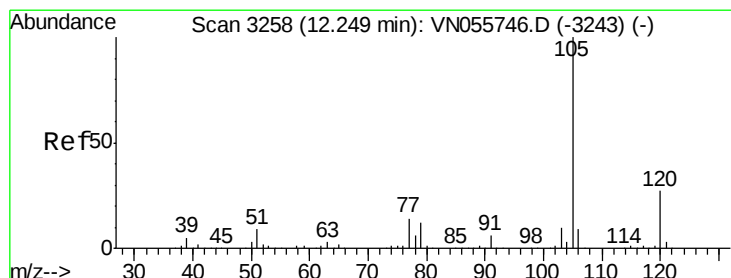
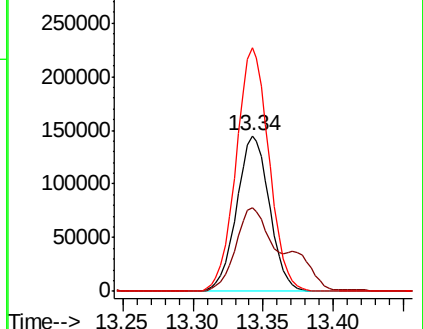
150 156.7 0.0 343.2



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: 8.974 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055946.D

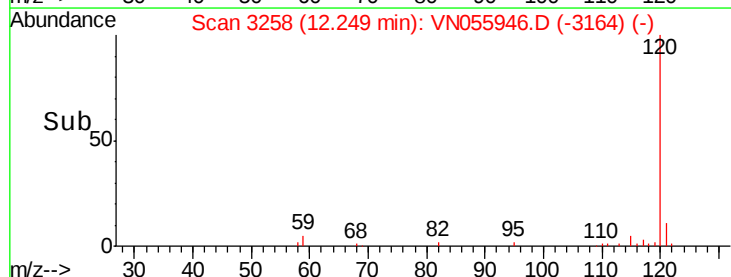
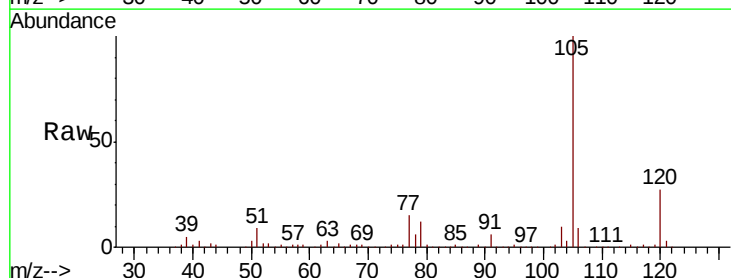
Acq: 1 Jun 2019 4:06

Tgt Ion:105 Resp: 187662

Ion Ratio Lower Upper

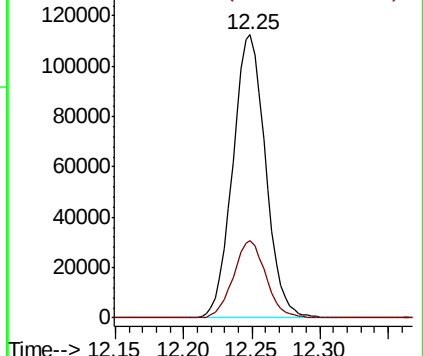
105 100

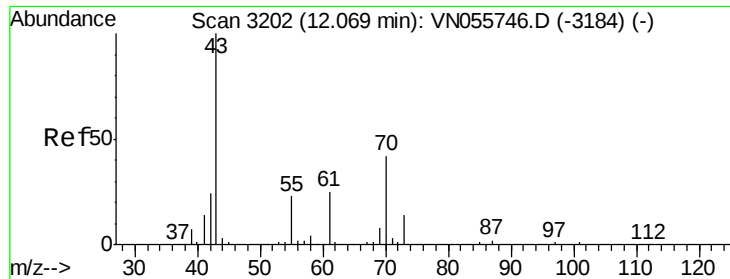
120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: Below Cal

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

13904

Tot Ion: 43 Resp: 3786

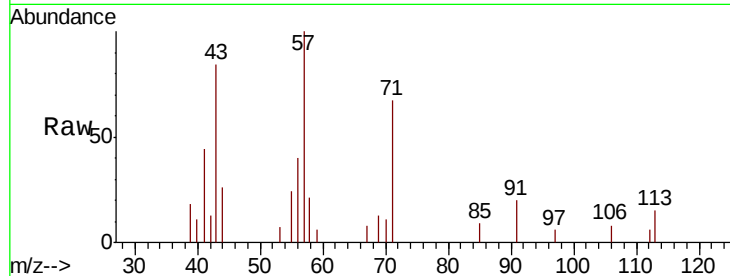
Ion Ratio Lower Upper

43 100

70 11.7 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#

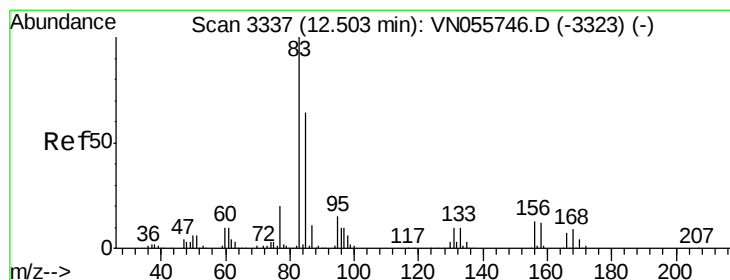
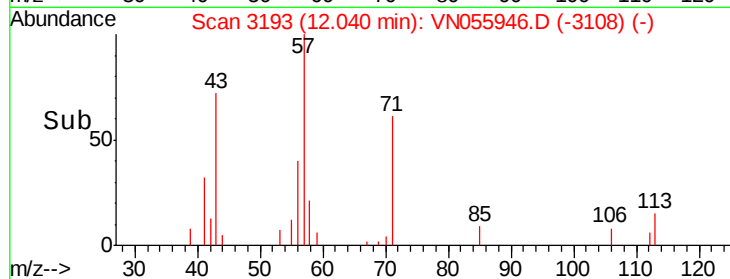
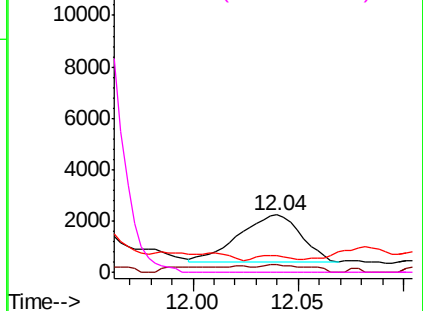


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.53 min Scan# 3345

Delta R.T. 0.03 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

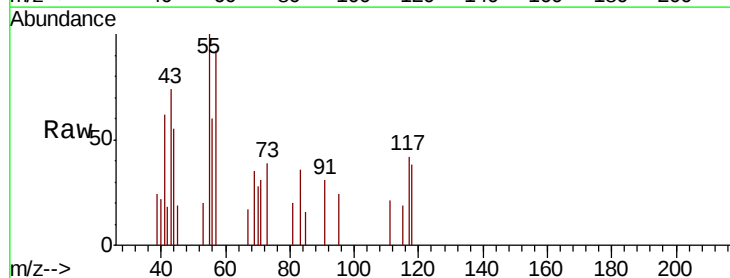
Tgt Ion: 83 Resp: 895

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

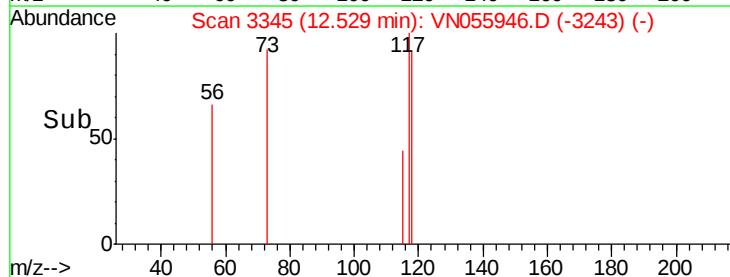
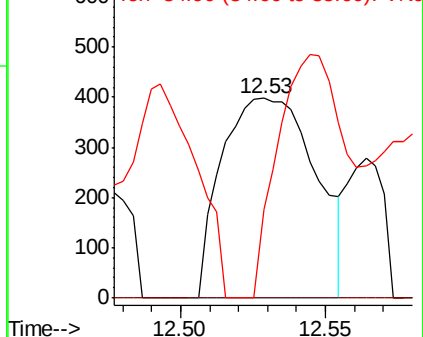
85 85.4 32.4 97.0

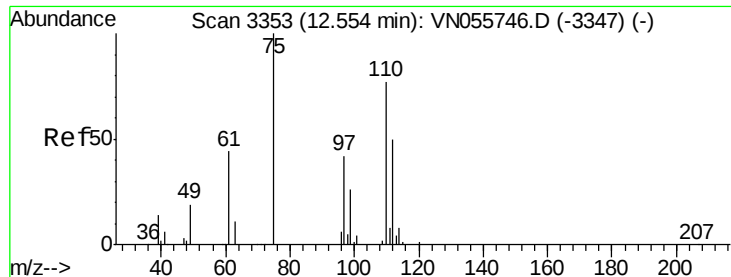


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. 0.04 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

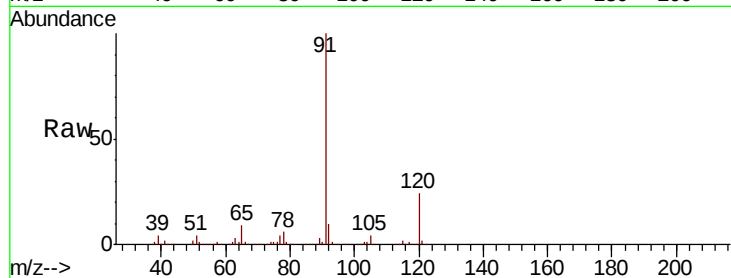
13904

Tot Ion: 75 Resp: 3810

Ion Ratio Lower Upper

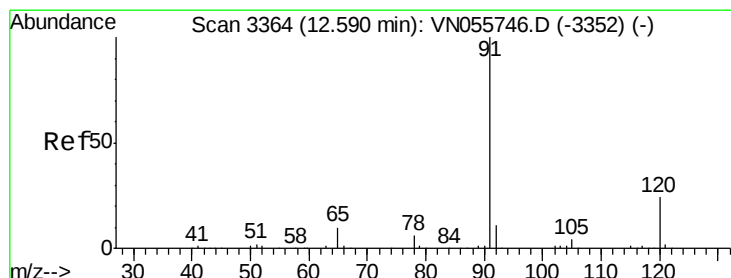
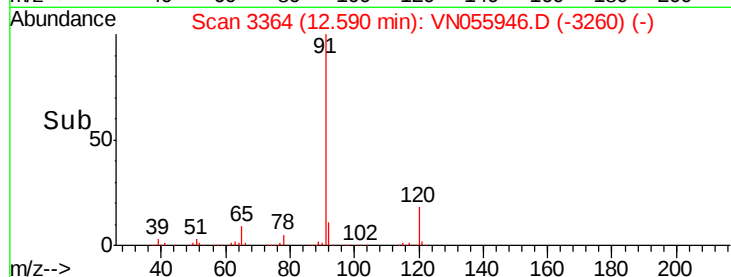
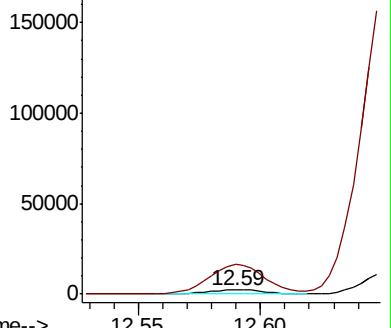
75 100

77 689.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 34.433 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055946.D

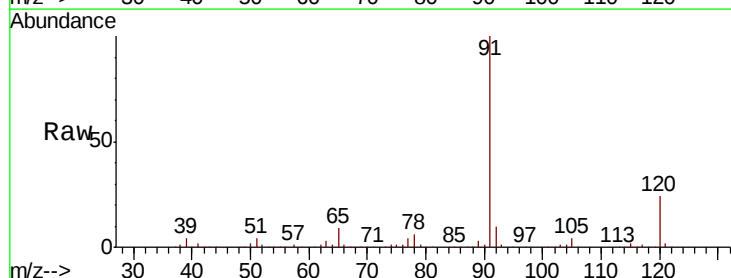
Acq: 1 Jun 2019 4:06

Tgt Ion: 91 Resp: 707286

Ion Ratio Lower Upper

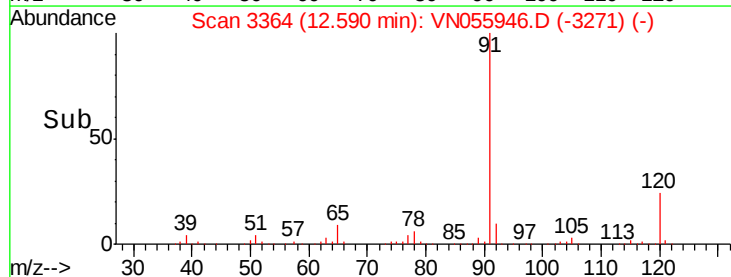
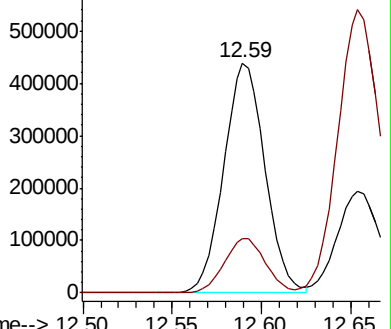
91 100

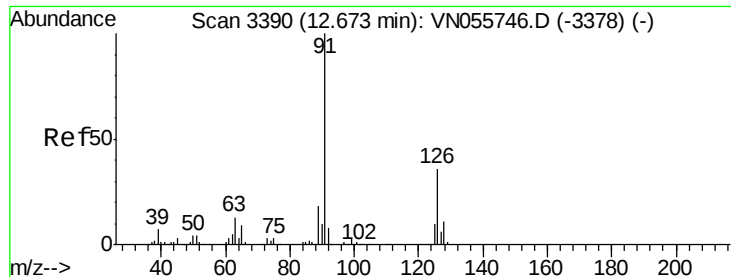
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 25.853 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

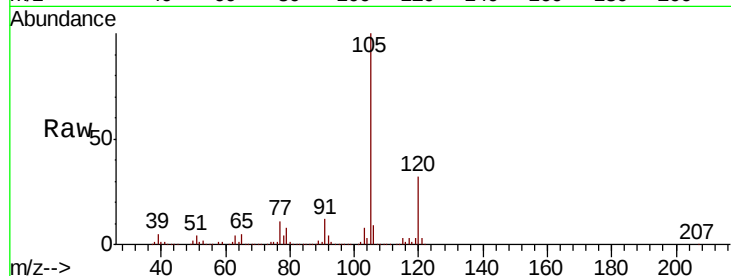
13904

Tot Ion: 91 Resp: 299666

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) (-)

300000

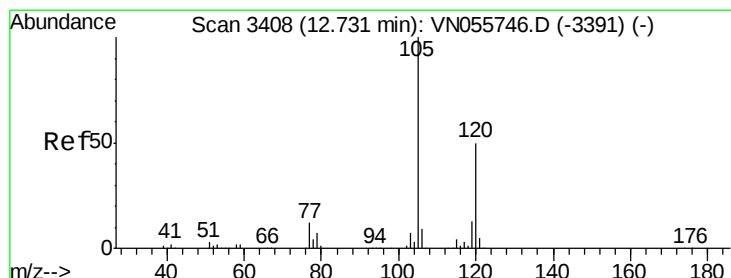
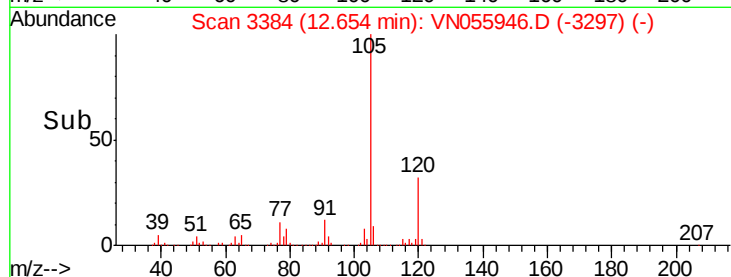
200000

100000

0

12.65

Time--> 12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 74.157 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055946.D

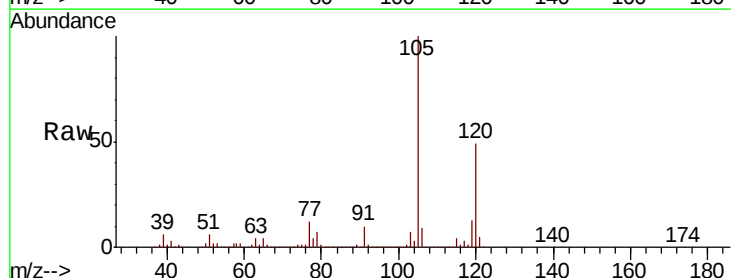
Acq: 1 Jun 2019 4:06

Tgt Ion:105 Resp: 1031875

Ion Ratio Lower Upper

105 100

120 49.3 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) (-)

2000000

1500000

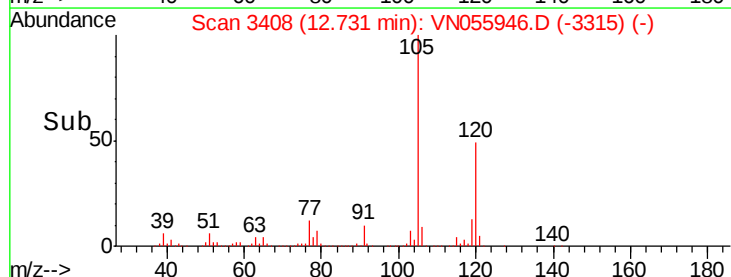
1000000

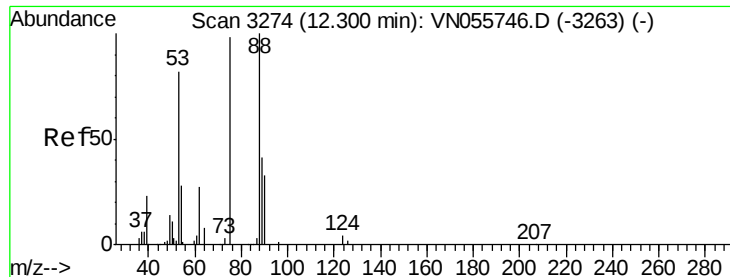
500000

0

12.73

Time--> 12.70 12.73 12.76





#81

trans-1,4-Dichloro-2-butene

Concen: 61.750 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :
13904

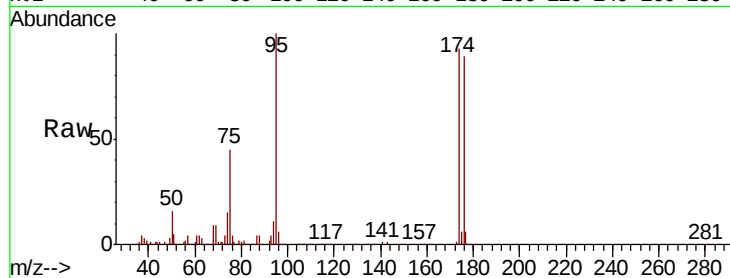
Tot Ion: 75 Resp: 108465

Ion Ratio Lower Upper

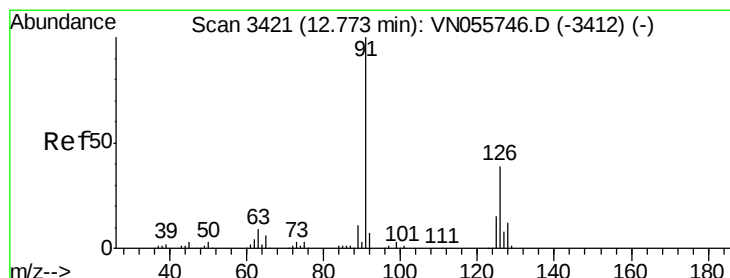
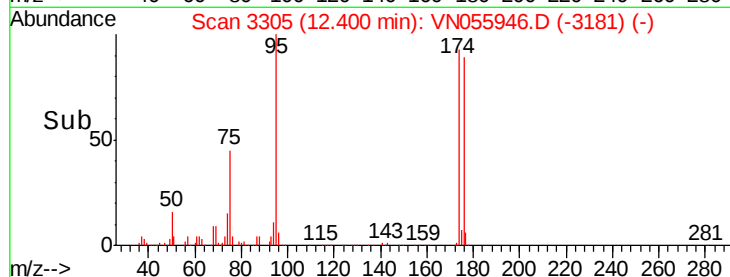
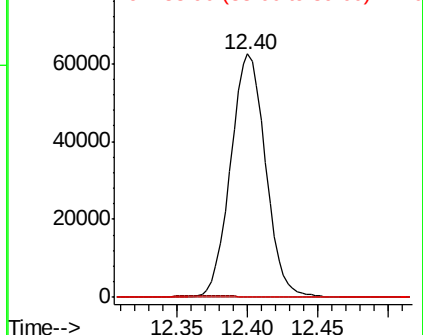
75 100

53 0.0 68.1 102.1#

89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 53.00 (52.70 to 53.70): VNO
Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 8.221 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN055946.D

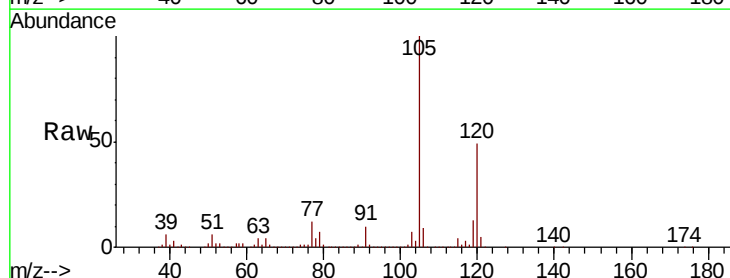
Acq: 1 Jun 2019 4:06

Tgt Ion: 91 Resp: 99258

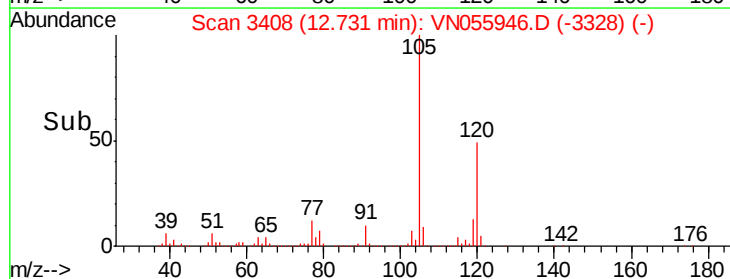
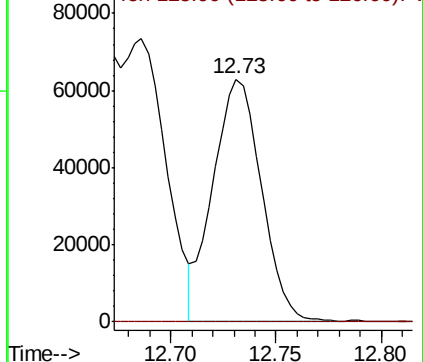
Ion Ratio Lower Upper

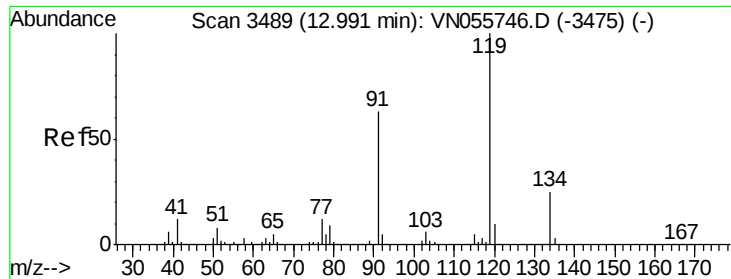
91 100

126 0.0 17.8 53.3#



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 125.90 (125.60 to 126.60): V

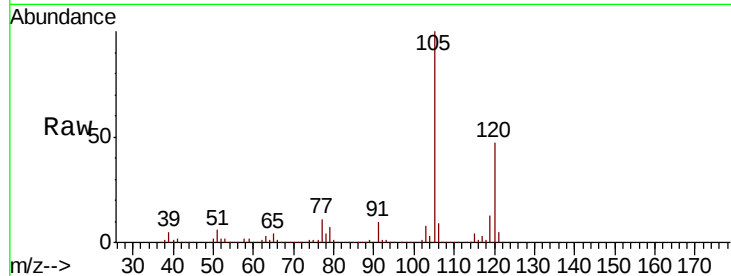




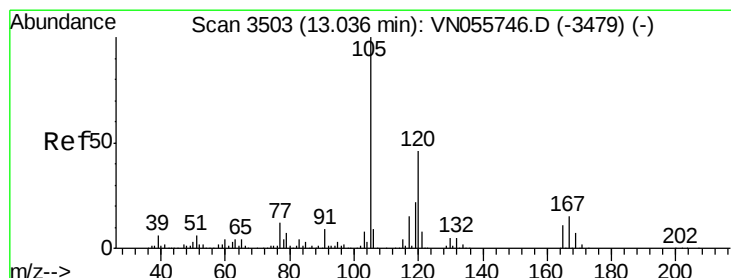
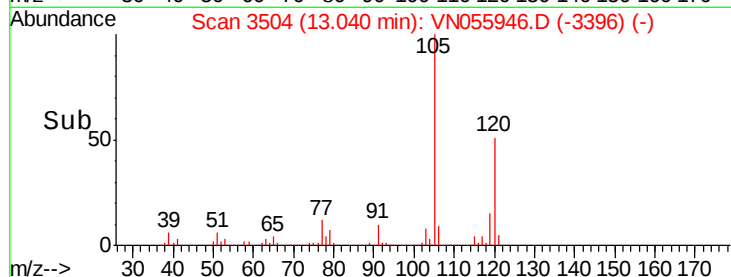
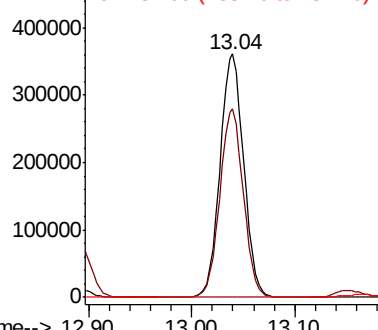
#83
tert-Butylbenzene
Concen: 46.418 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

Instrument :
MSVOA_N
ClientSampleId :
13904

Tot Ion:119 Resp: 570432
Ion Ratio Lower Upper
119 100
91 77.1 30.9 92.8
134 0.0 13.3 39.8#

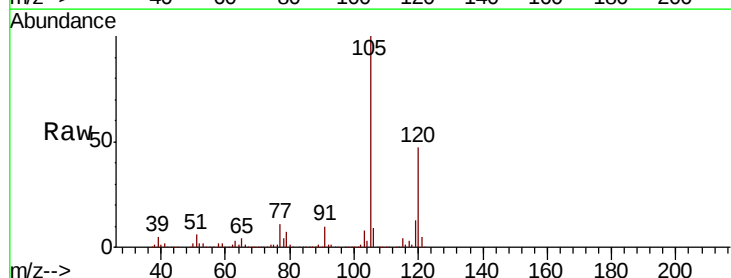


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

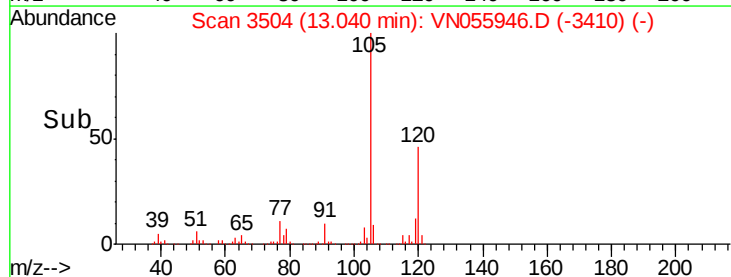
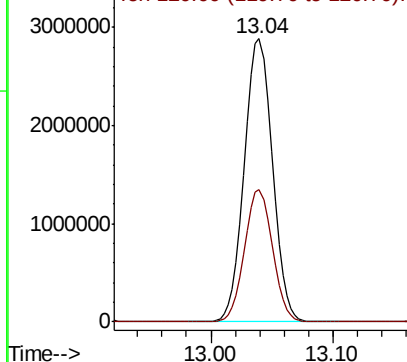


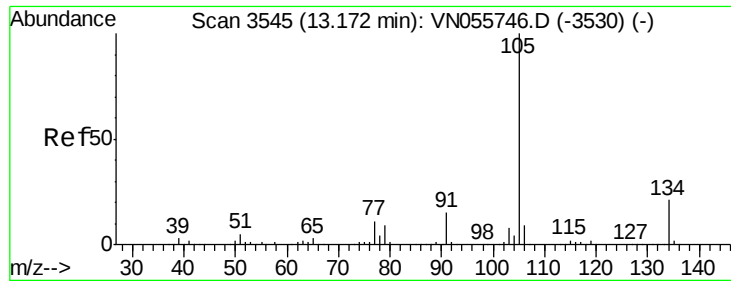
#84
1,2,4-Trimethylbenzene
Concen: 336.562 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

Tgt Ion:105 Resp: 4565225
Ion Ratio Lower Upper
105 100
120 46.3 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: 298.695 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampled :

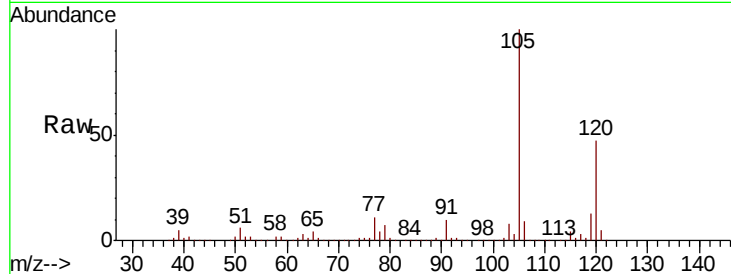
13904

Tot Ion:105 Resp: 4565225

Ion Ratio Lower Upper

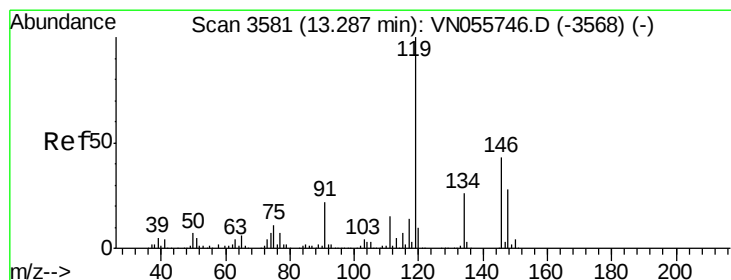
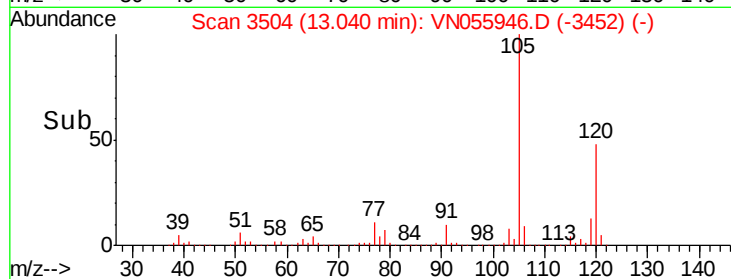
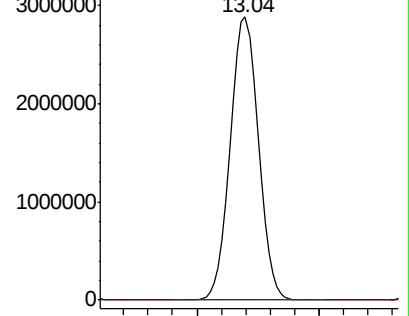
105 100

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



#86

p-Isopropyltoluene

Concen: 1.094 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

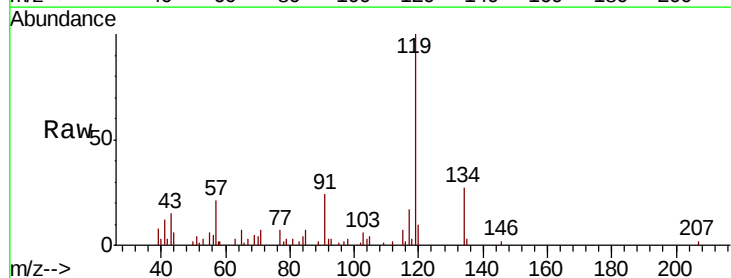
Tgt Ion:119 Resp: 17956

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.1

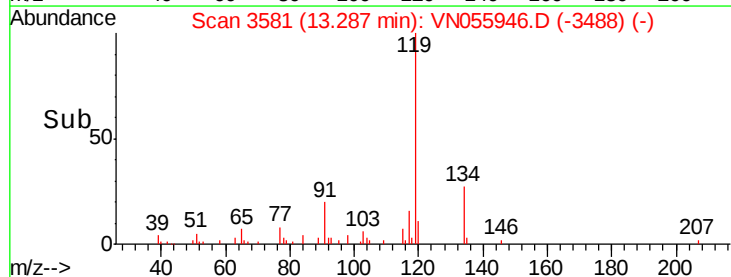
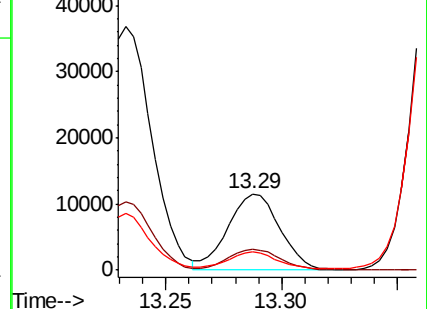
91 0.0 10.9 32.9#

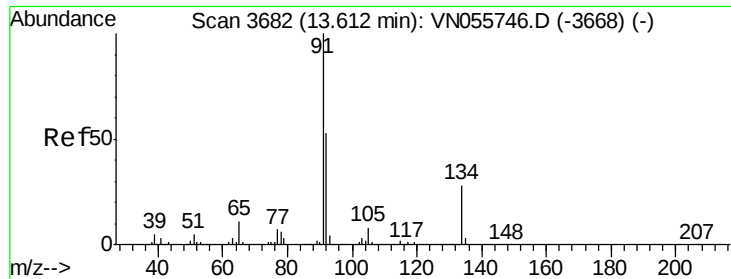


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

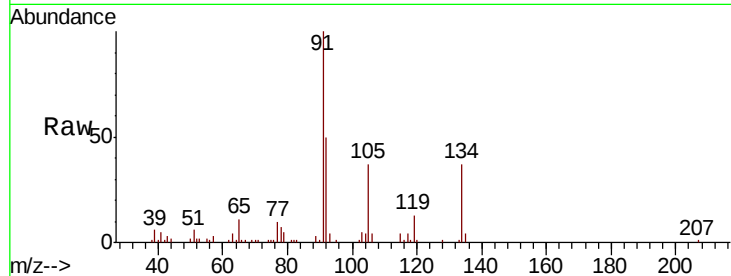




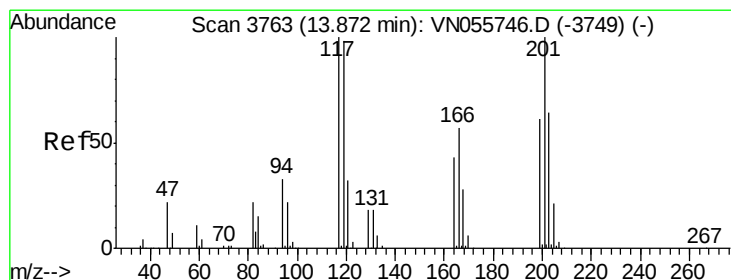
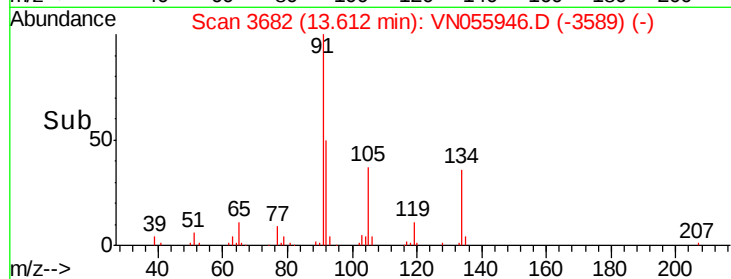
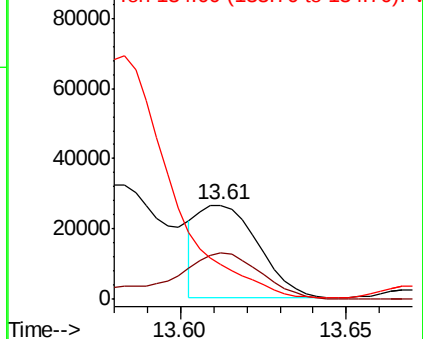
#89
n-Butylbenzene
Concen: 2.622 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

Instrument :
MSVOA_N
ClientSampleID :
13904

Tot Ion: 91 Resp: 32978
Ion Ratio Lower Upper
91 100
92 78.5 26.4 79.0
134 0.0 13.9 41.7#

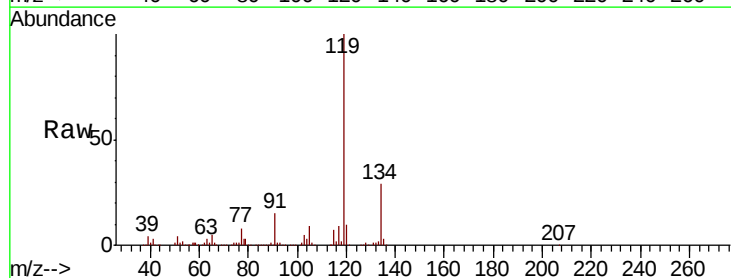


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

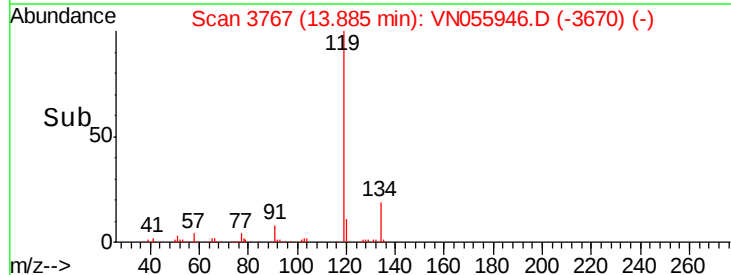
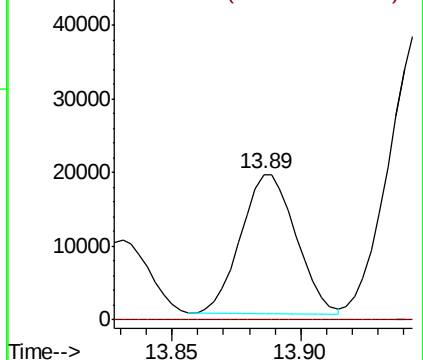


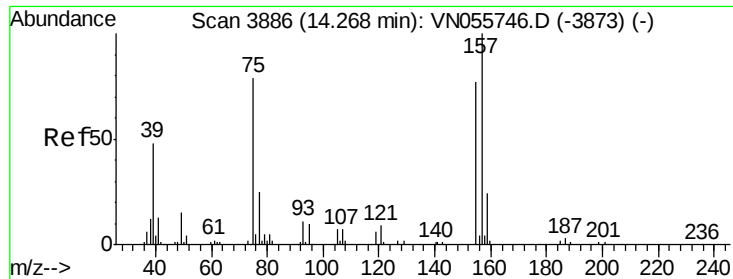
#90
Hexachloroethane
Concen: 9.072 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.01 min
Lab File: VN055946.D
Acq: 1 Jun 2019 4:06

Tgt Ion: 117 Resp: 28339
Ion Ratio Lower Upper
117 100
201 0.0 50.0 150.0#



Abundance Ion 116.80 (116.50 to 117.50): VN0
Ion 200.70 (200.40 to 201.40): VN0





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.903 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.02 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

13904

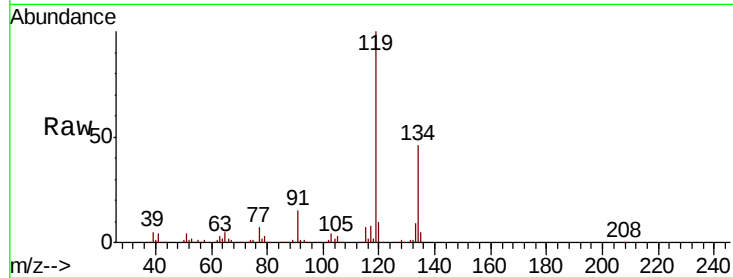
Tot Ion: 75 Resp: 1993

Ion Ratio Lower Upper

75 100

155 0.0 50.0 150.1#

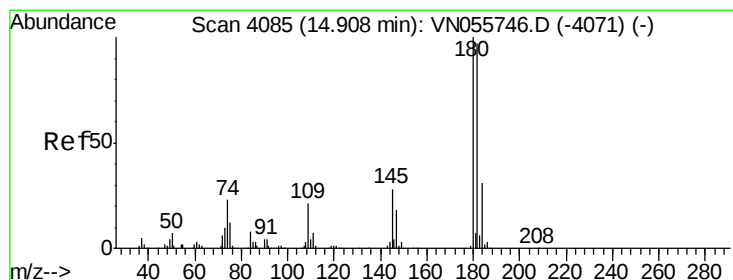
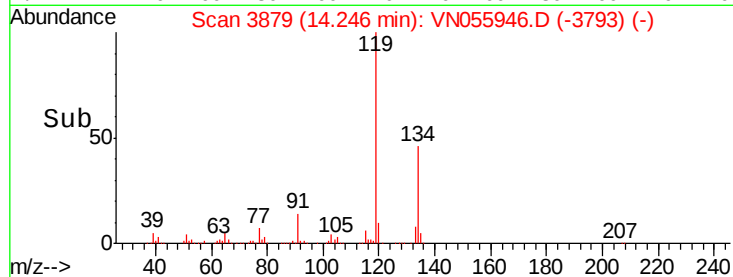
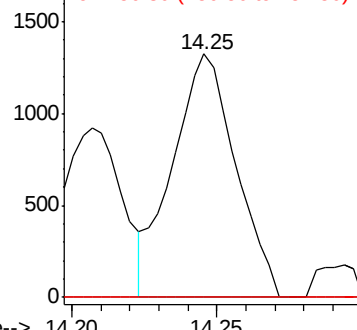
157 0.0 64.8 194.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 3.682 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

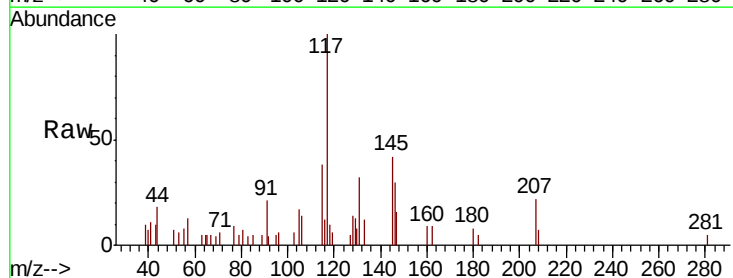
Tgt Ion:180 Resp: 221

Ion Ratio Lower Upper

180 100

182 78.3 48.3 144.9

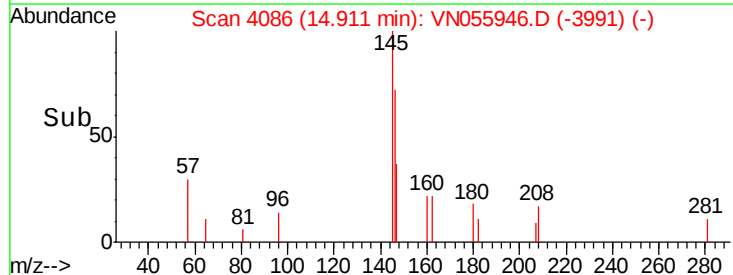
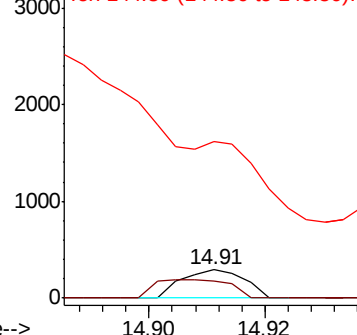
145 0.0 14.0 41.9#

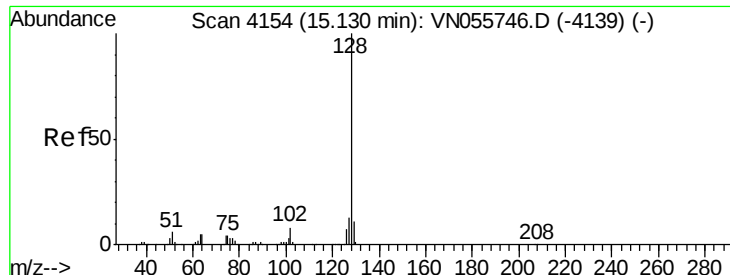


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 65.680 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055946.D

Acq: 1 Jun 2019 4:06

Instrument :

MSVOA_N

ClientSampleId :

13904

Tot Ion:128 Resp: 718049

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.7 13.1

