

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071319\
 Data File : VN056692.D
 Acq On : 12 Jul 2019 16:41
 Operator : JC/SP
 Sample : K3779-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 390711759.3-VOA

Quant Time: Jul 13 00:11:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:58:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	49446	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	271649	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	229228	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	104689	31.26	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.20%
60) 4-Bromofluorobenzene	12.40	95	93374	26.62	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.73%
63) Toluene-d8	10.09	98	320563	30.61	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.03%

Target Compounds

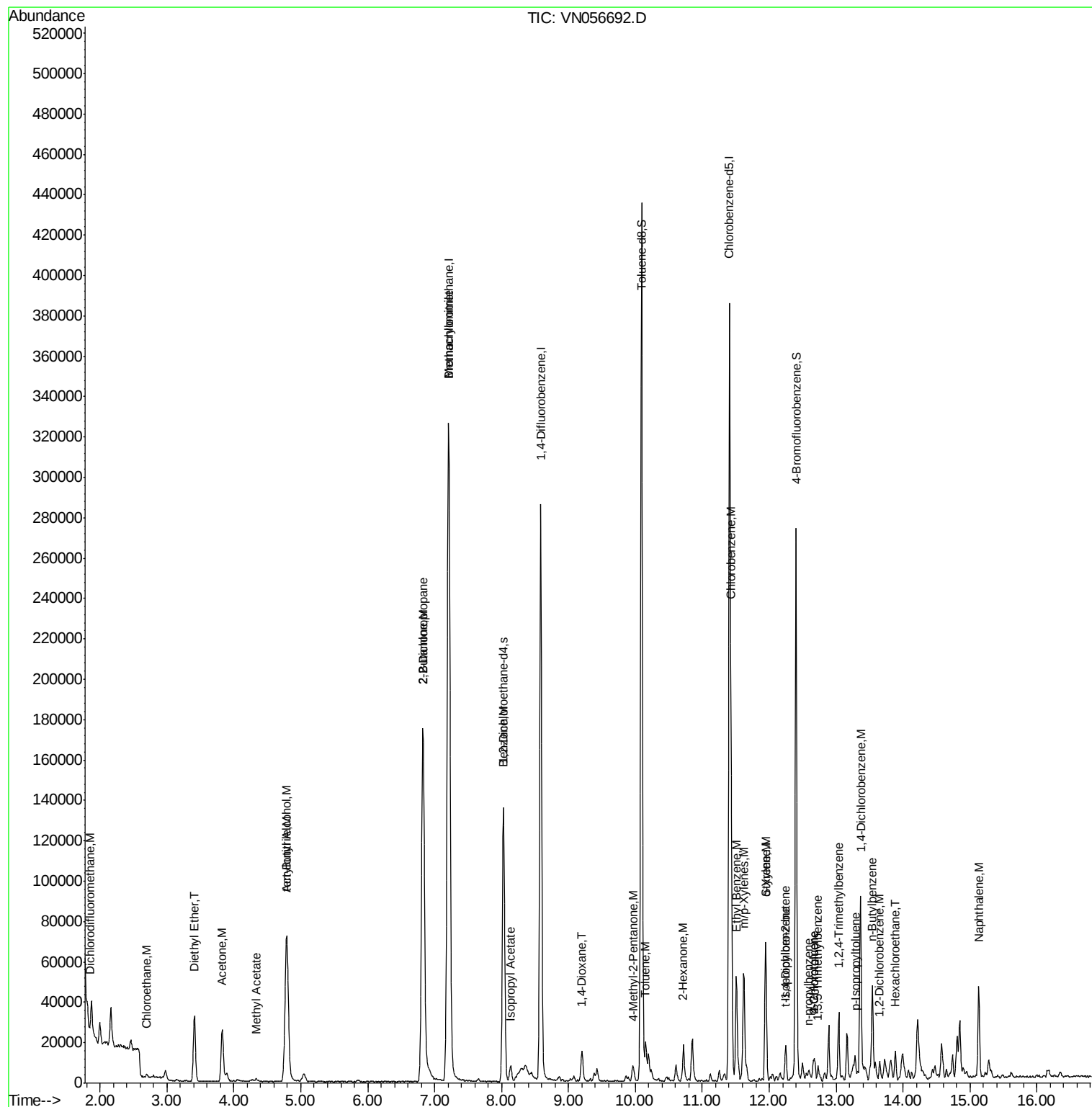
					Ovalue	
2) Dichlorodifluoromethane	1.85	85	1011	0.360	ug/l #	41
6) Chloroethane	2.70	64	1205	0.571	ug/l	91
8) Diethyl Ether	3.41	74	17463	9.008	ug/l	100
12) Methyl Acetate	4.34	43	2112	0.541	ug/l #	89
14) Acrylonitrile	4.78	53	1510	0.878	ug/l #	33
15) Acetone	3.82	58	2099	3.536	ug/l	76
23) tert-Butyl Alcohol	4.79	59	131837	219.774	ug/l #	100
30) 2-Butanone	6.83	43	9451	3.780	ug/l #	74
31) 2,2-Dichloropropane	6.82	77	13791	3.300	ug/l #	51
34) Benzene	8.04	78	18649	1.406	ug/l #	1
35) Methacrylonitrile	7.21	41	117609	61.578	ug/l #	45
44) Isopropyl Acetate	8.14	43	1727	0.245	ug/l #	1
45) 1,4-Dioxane	9.20	88	12084	169.512	ug/l	95
58) 4-Methyl-2-Pentanone	9.97	43	5091	1.180	ug/l #	48
59) 2-Hexanone	10.72	43	15463	4.722	ug/l #	36
62) Toluene	10.15	91	12094	0.898	ug/l	94
64) Chlorobenzene	11.43	112	69947	8.518	ug/l	100
66) Ethyl Benzene	11.51	91	36023	2.475	ug/l	99
67) m/p-Xylenes	11.62	106	19076	3.473	ug/l	100
68) o-Xylene	11.94	106	19732	3.683	ug/l	98
69) Styrene	11.96	104	2070	0.233	ug/l #	1
70) Isopropylbenzene	12.25	105	11685	0.832	ug/l	99
74) n-propylbenzene	12.59	91	4032	0.255	ug/l	96
75) 2-Chlorotoluene	12.67	91	5709	0.598	ug/l	88
76) 1,3,5-Trimethylbenzene	12.73	105	4267	0.356	ug/l	99
77) t-1,4-Dichloro-2-butene	12.23	75	262	0.202	ug/l #	11
78) 4-Chlorotoluene	12.67	91	5709	0.617	ug/l	88
80) 1,2,4-Trimethylbenzene	13.04	105	18562	1.563	ug/l	100
82) p-Isopropyltoluene	13.29	119	4881	0.398	ug/l	95
84) 1,4-Dichlorobenzene	13.36	146	35059	5.980	ug/l	98
85) n-Butylbenzene	13.54	91	4136	0.409	ug/l	40
86) Hexachloroethane	13.89	117	759	0.394	ug/l #	4
87) 1,2-Dichlorobenzene	13.65	146	2974	0.484	ug/l	97
91) Naphthalene	15.13	128	41771	4.698	ug/l	99

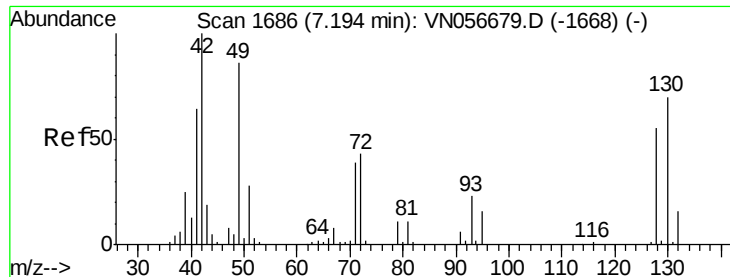
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

390711759.3-VOA

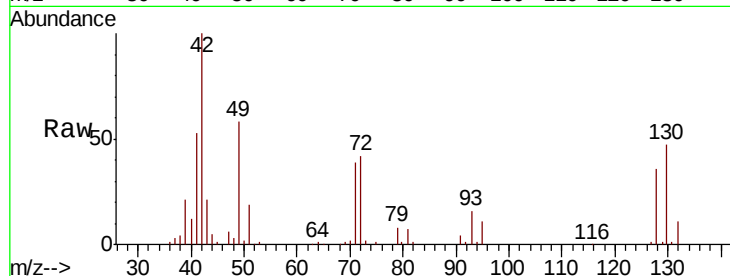
Tot Ion:128 Resp: 49446

Ion Ratio Lower Upper

128 100

49 160.6 0.0 390.5

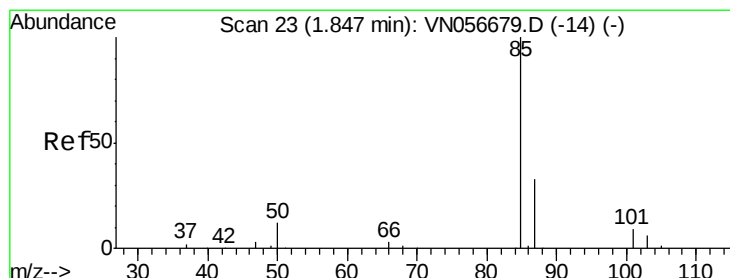
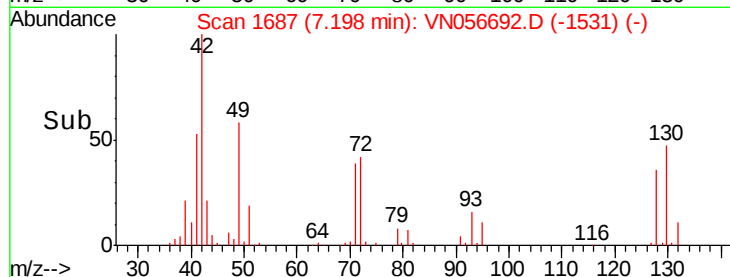
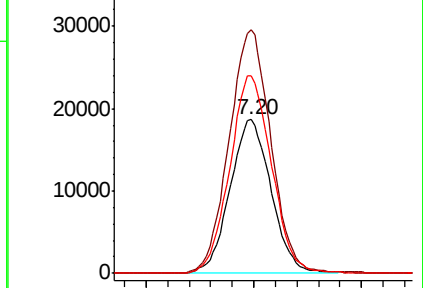
130 130.6 0.0 316.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.360 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056692.D

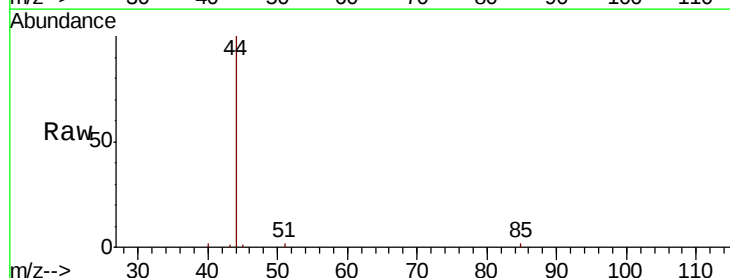
Acq: 12 Jul 2019 16:41

Tgt Ion: 85 Resp: 1011

Ion Ratio Lower Upper

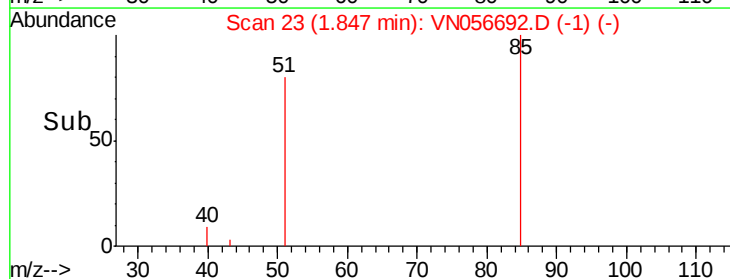
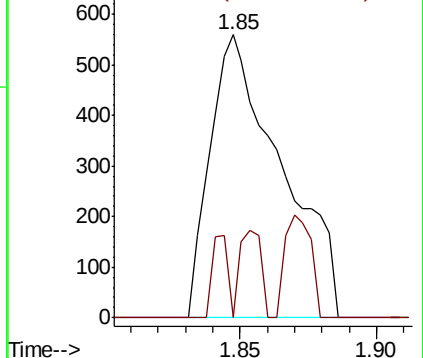
85 100

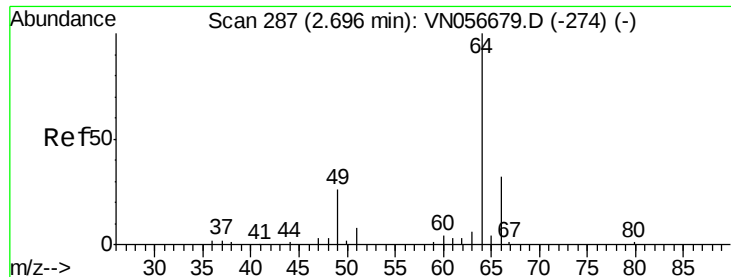
87 0.0 16.8 50.3#



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#6

Chloroethane

Concen: 0.571 ug/l

RT: 2.70 min Scan# 288

Delta R.T. 0.00 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

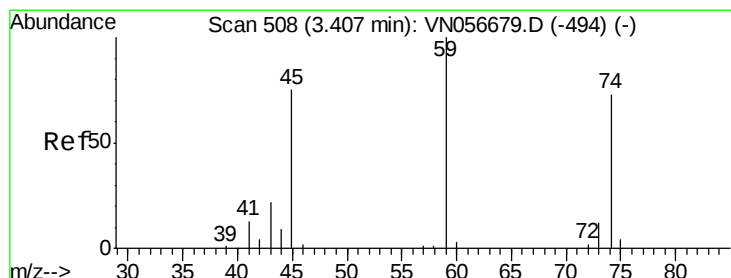
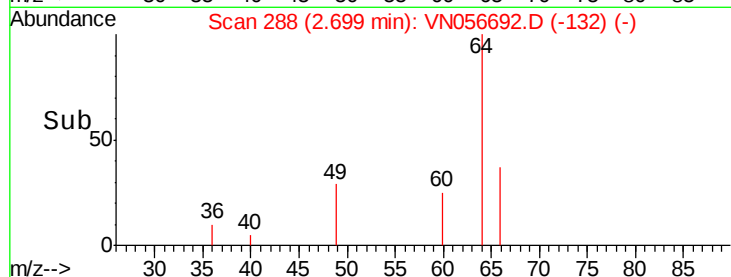
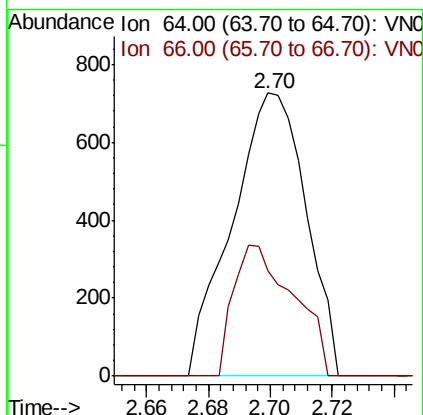
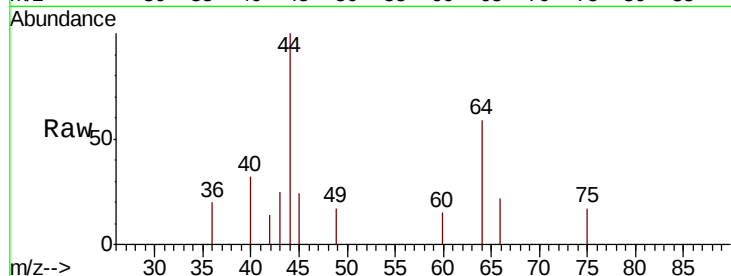
390711759.3-VOA

Tot Ion: 64 Resp: 1205

Ion Ratio Lower Upper

64 100

66 37.3 25.7 38.5



#8

Diethyl Ether

Concen: 9.008 ug/l

RT: 3.41 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN056692.D

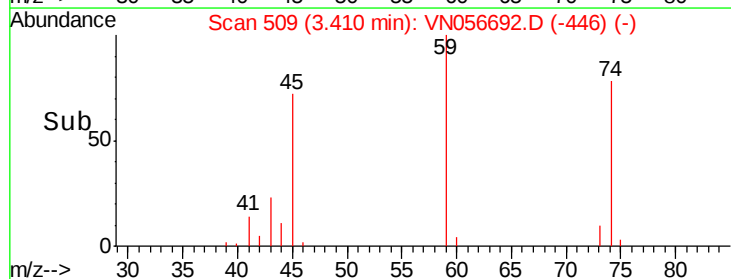
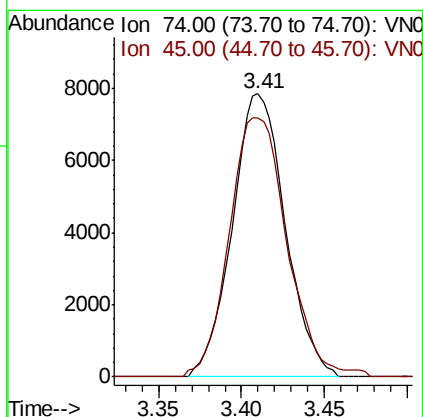
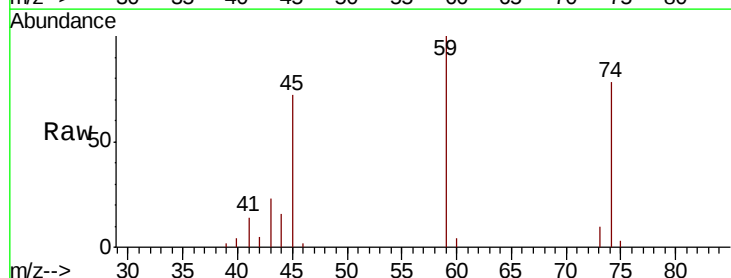
Acq: 12 Jul 2019 16:41

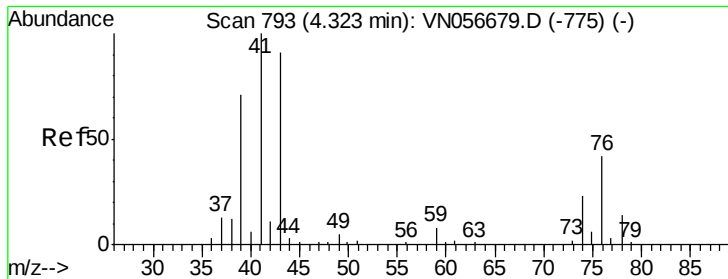
Tgt Ion: 74 Resp: 17463

Ion Ratio Lower Upper

74 100

45 99.7 19.9 179.5





#12

Methvl Acetate

Concen: 0.541 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

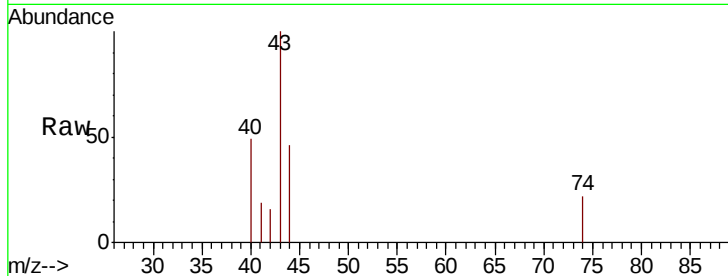
390711759.3-VOA

Tot Ion: 43 Resp: 2112

Ion Ratio Lower Upper

43 100

74 30.8 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.34

1000

800

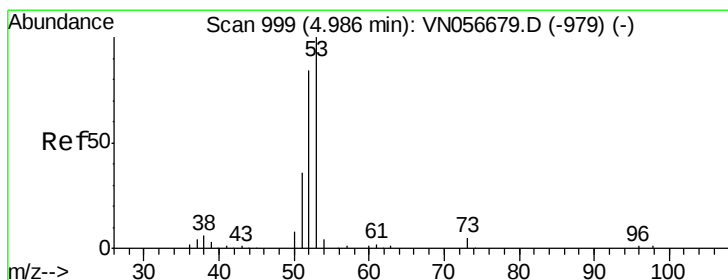
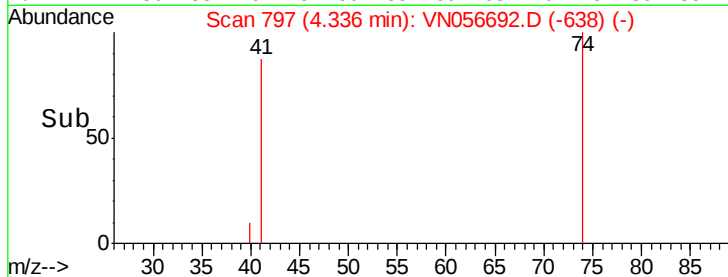
600

400

200

0

Time-->



#14

Acrylonitrile

Concen: 0.878 ug/l

RT: 4.78 min Scan# 934

Delta R.T. -0.21 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

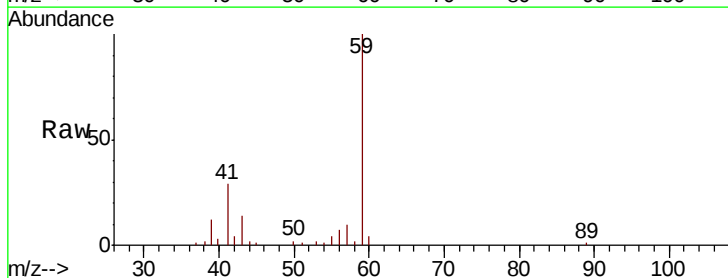
Tgt Ion: 53 Resp: 1510

Ion Ratio Lower Upper

53 100

52 0.0 41.3 123.7#

51 30.7 17.7 53.1



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

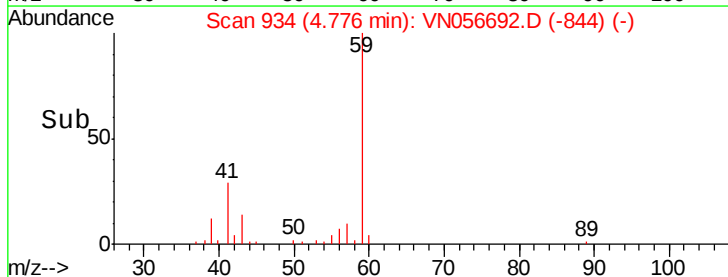
600

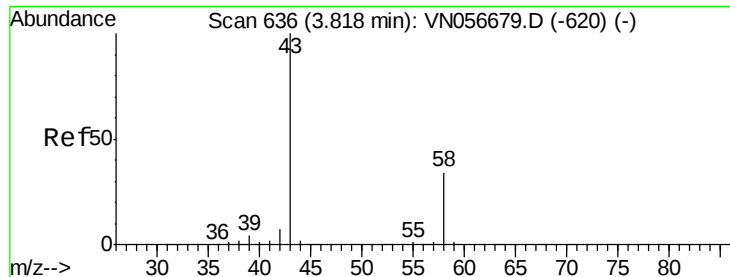
400

200

0

Time-->





#15

Acetone

Concen: 3.536 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

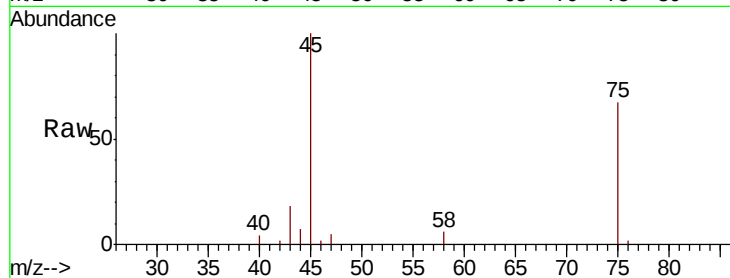
390711759.3-VOA

Tot Ion: 58 Resp: 2099

Ion Ratio Lower Upper

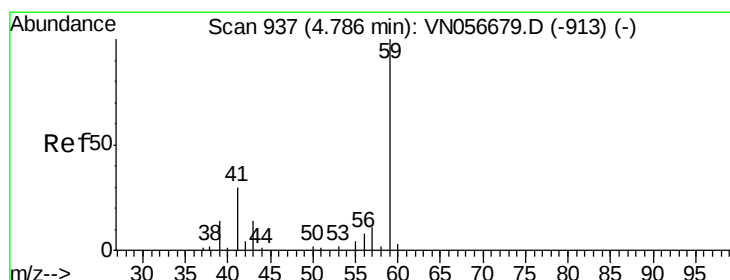
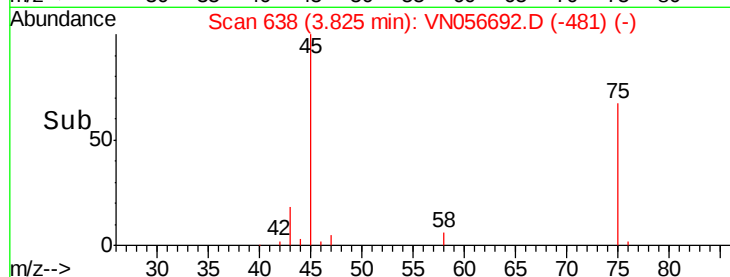
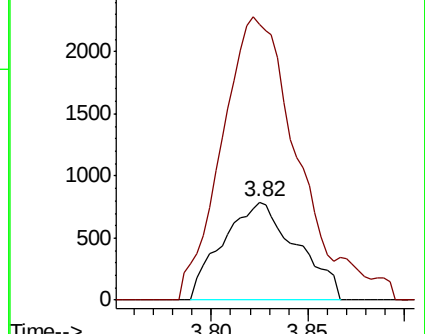
58 100

43 245.2 233.9 350.9



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#23

tert-Butyl Alcohol

Concen: 219.774 ug/l

RT: 4.79 min Scan# 938

Delta R.T. 0.00 min

Lab File: VN056692.D

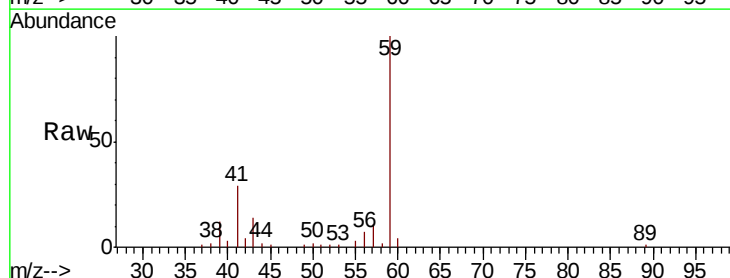
Acq: 12 Jul 2019 16:41

Tgt Ion: 59 Resp: 131837

Ion Ratio Lower Upper

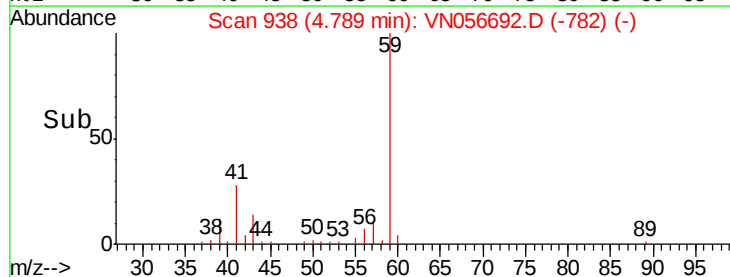
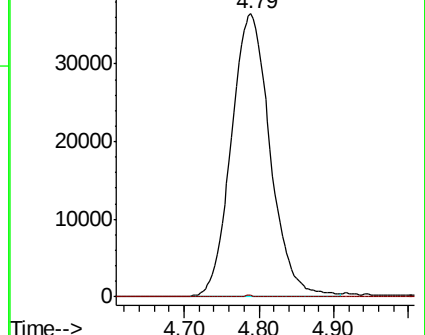
59 100

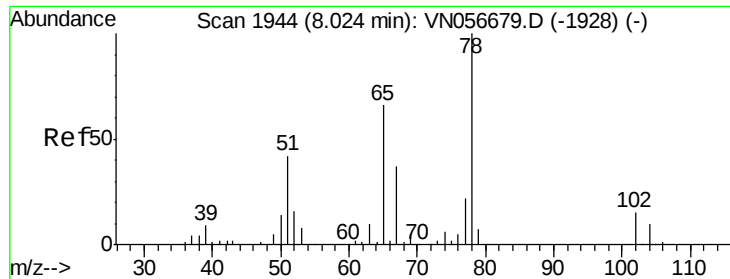
52 0.1 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0





#27

1,2-Dichloroethane-d4

Concen: 31.256 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

Instrument :

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ClientSampleId :

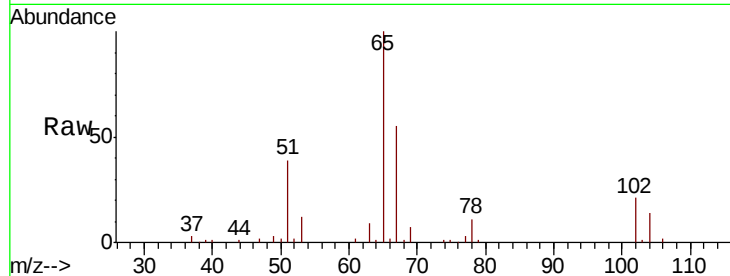
390711759.3-VOA

Tot Ion: 65 Resp: 104689

Ion Ratio Lower Upper

65 100

67 54.7 43.4 65.0



Abundance Ion 65.00 (64.70 to 65.70): VN056679.D (-1928) (-)

Ion 67.00 (66.70 to 67.70): VN056679.D (-1928) (-)

8.03

50000

40000

30000

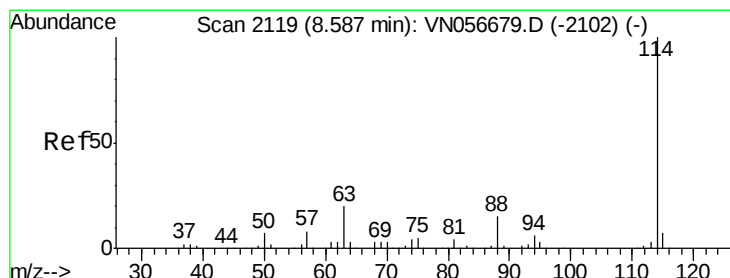
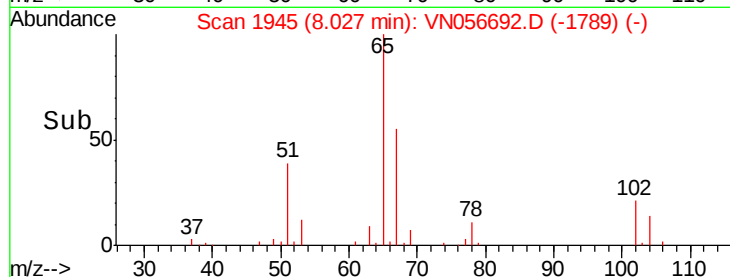
20000

10000

0

7.95 8.00 8.05 8.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

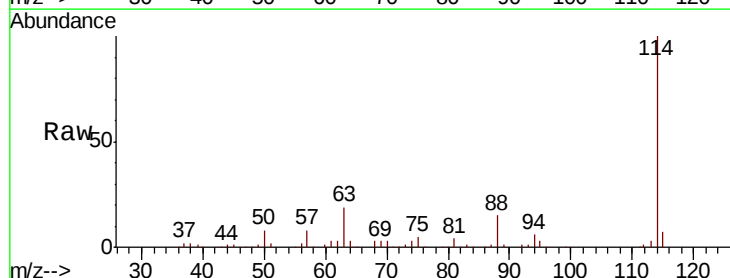
Tgt Ion: 114 Resp: 271649

Ion Ratio Lower Upper

114 100

63 19.6 16.2 24.2

88 15.3 12.3 18.5



Abundance Ion 114.00 (113.70 to 114.70): VN056679.D (-2102) (-)

Ion 63.00 (62.70 to 63.70): VN056679.D (-2102) (-)

Ion 88.00 (87.70 to 88.70): VN056679.D (-2102) (-)

8.58

150000

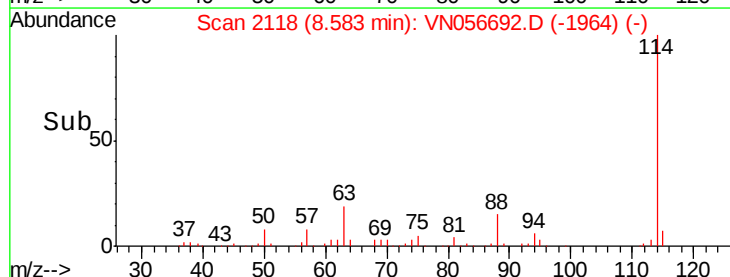
100000

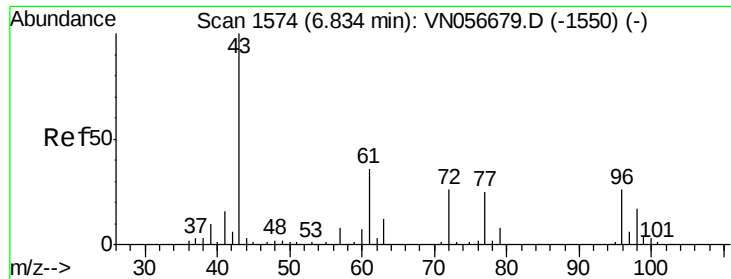
50000

0

8.50 8.55 8.60 8.65

Time-->

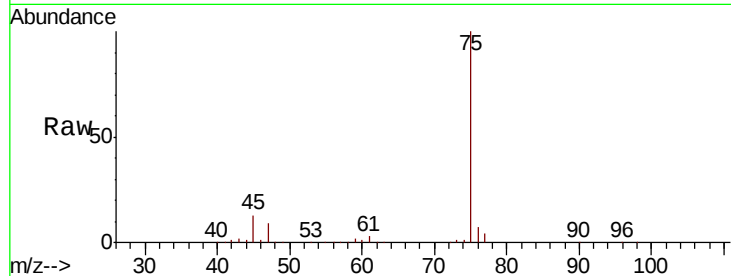




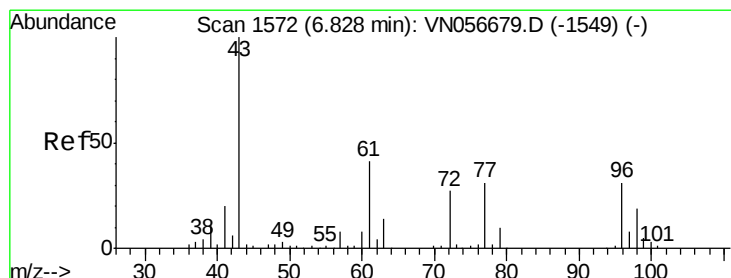
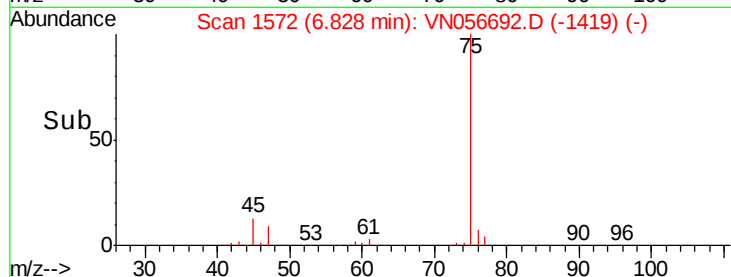
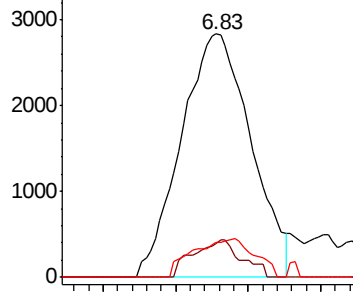
#30
 2-Butanone
 Concen: 3.780 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: VN056692.D
 Acq: 12 Jul 2019 16:41

Instrument :
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 390711759.3-VOA

Tot Ion: 43 Resp: 9451
 Ion Ratio Lower Upper
 43 100
 57 6.9 6.6 10.0
 72 9.4 21.3 31.9#

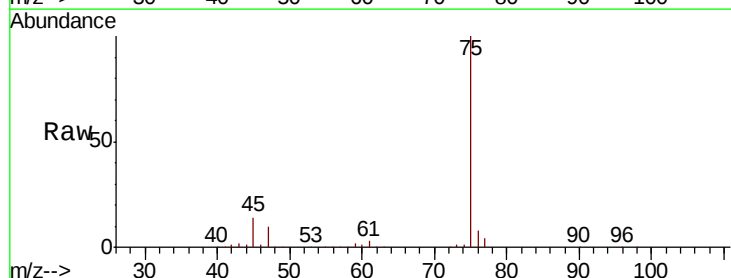


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0
 Ion 72.00 (71.70 to 72.70): VN0

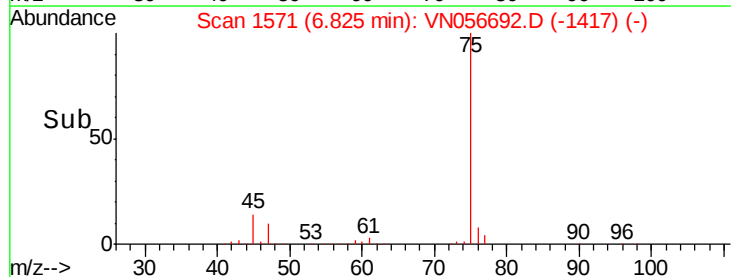
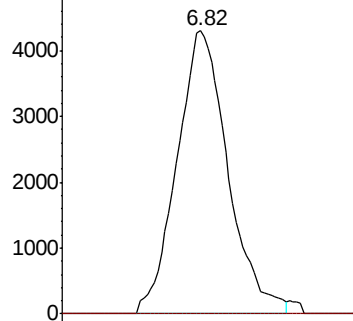


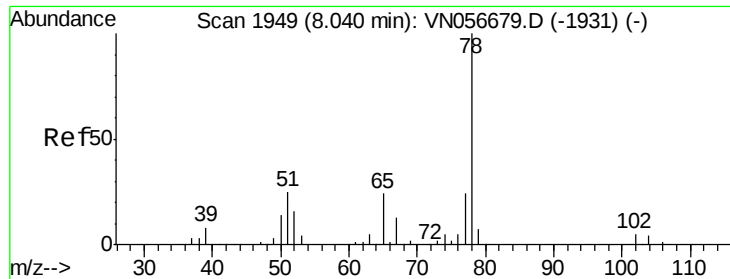
#31
 2,2-Dichloropropane
 Concen: 3.300 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN056692.D
 Acq: 12 Jul 2019 16:41

Tgt Ion: 77 Resp: 13791
 Ion Ratio Lower Upper
 77 100
 97 0.0 19.7 29.5#



Abundance Ion 77.00 (76.70 to 77.70): VN0
 Ion 97.00 (96.70 to 97.70): VN0





#34

Benzene

Concen: 1.406 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

390711759.3-VOA

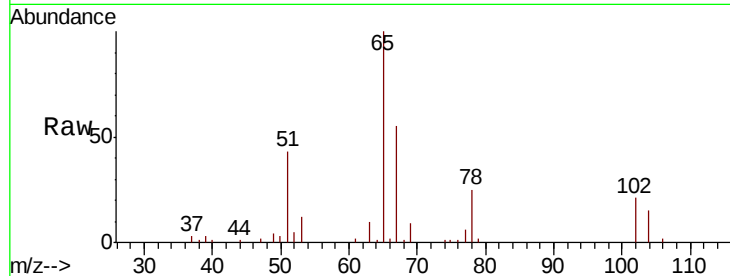
Tot Ion: 78 Resp: 18649

Ion Ratio Lower Upper

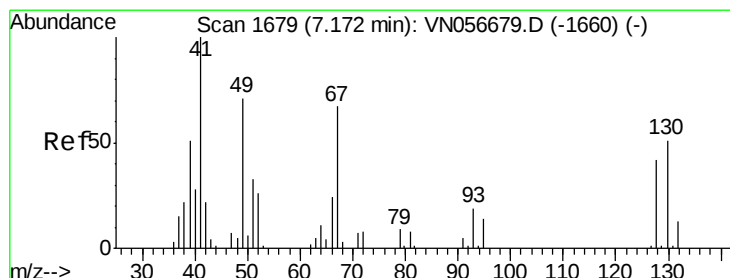
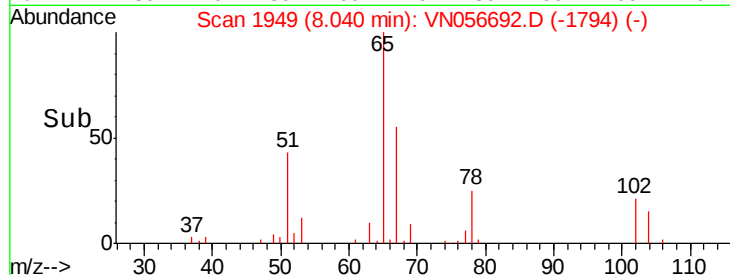
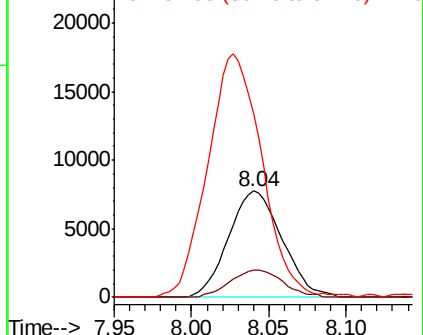
78 100

77 25.8 19.0 28.4

51 169.4 19.7 29.5#



Abundance Ion 78.10 (77.80 to 78.80): VNO
Ion 77.00 (76.70 to 77.70): VNO
Ion 51.00 (50.70 to 51.70): VNO



#35

Methacrylonitrile

Concen: 61.578 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.04 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

Tgt Ion: 41 Resp: 117609

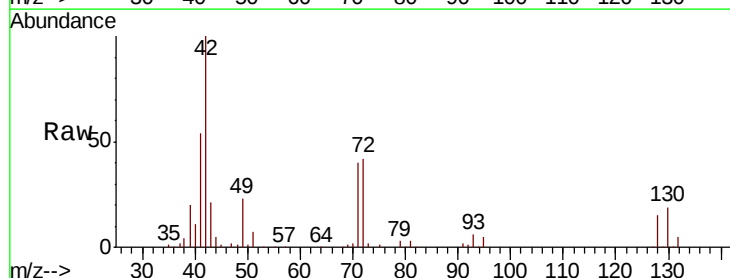
Ion Ratio Lower Upper

41 100

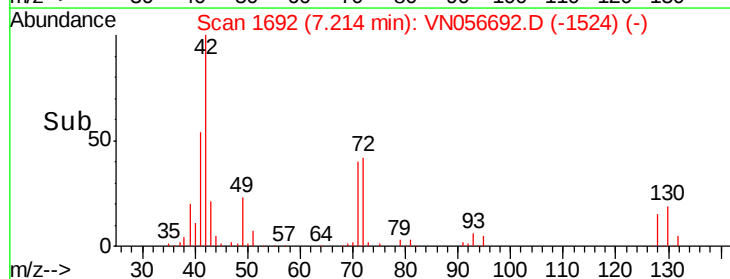
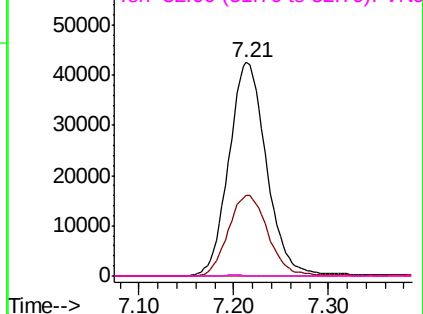
39 37.8 25.4 76.2

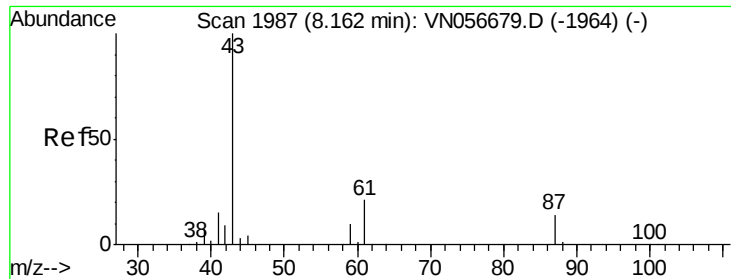
67 0.0 33.6 100.8#

52 0.0 12.9 38.7#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO





#44

Isopropyl Acetate

Concen: 0.245 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.03 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

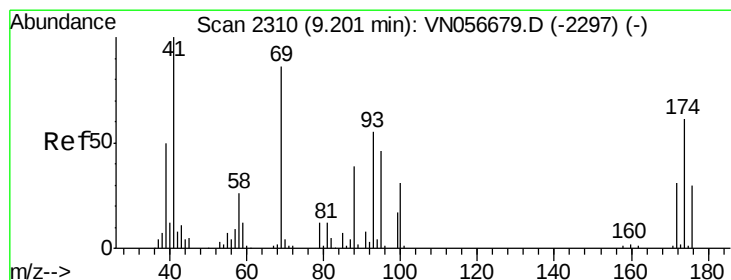
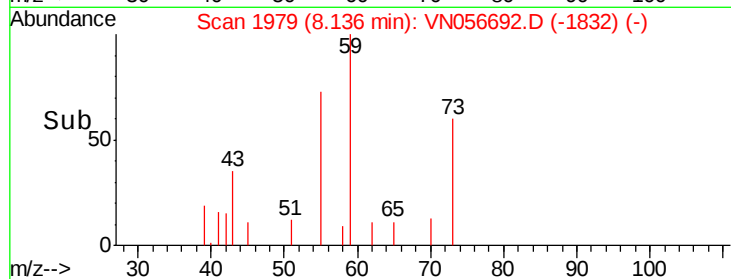
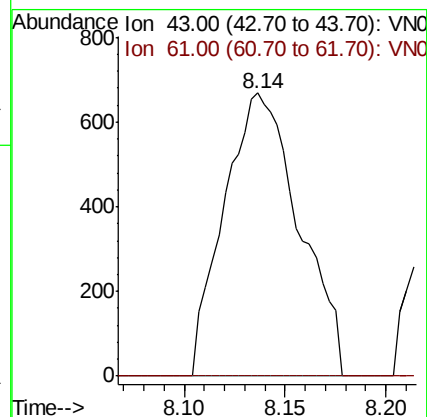
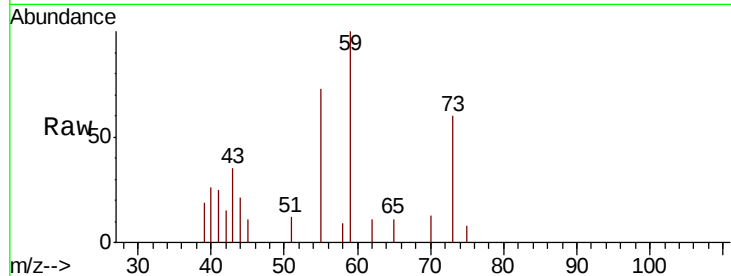
390711759.3-VOA

Tot Ion: 43 Resp: 1727

Ion Ratio Lower Upper

43 100

61 128.1 22.6 33.8#



#45

1,4-Dioxane

Concen: 169.512 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

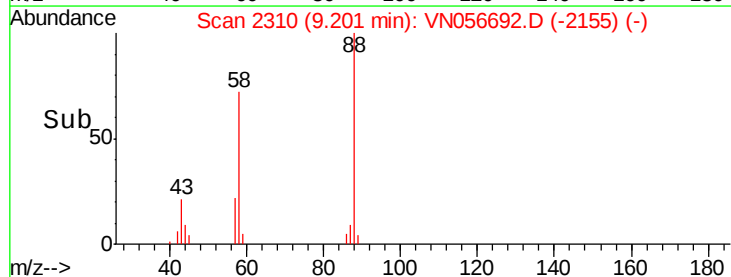
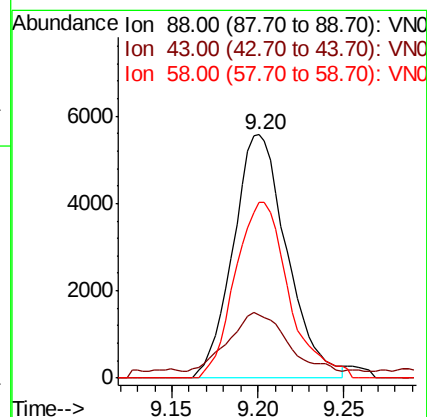
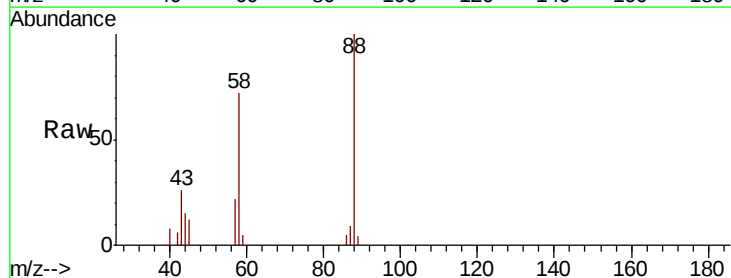
Tgt Ion: 88 Resp: 12084

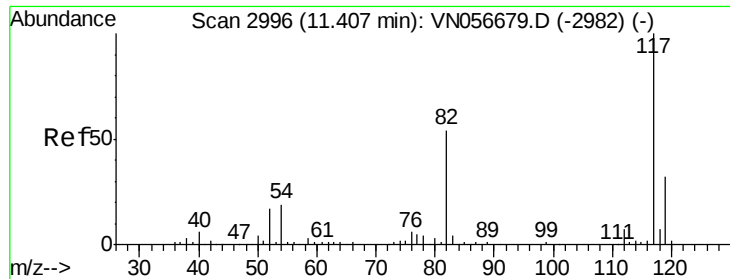
Ion Ratio Lower Upper

88 100

43 30.9 23.0 34.6

58 72.0 54.6 81.8

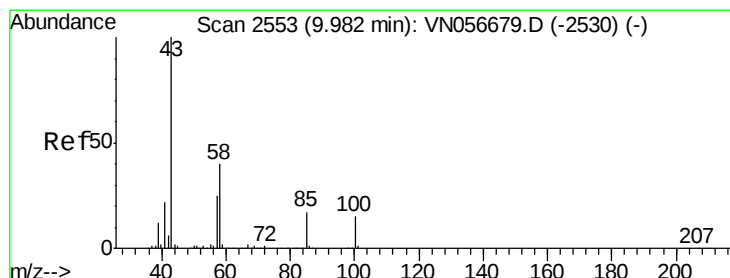
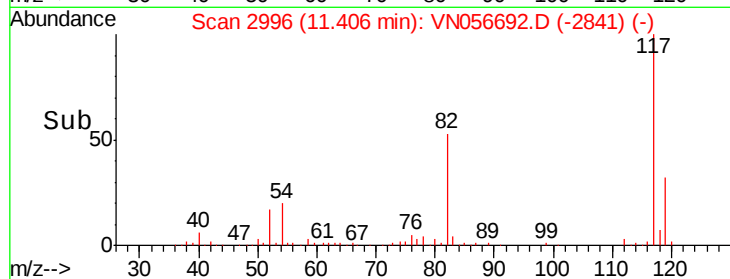
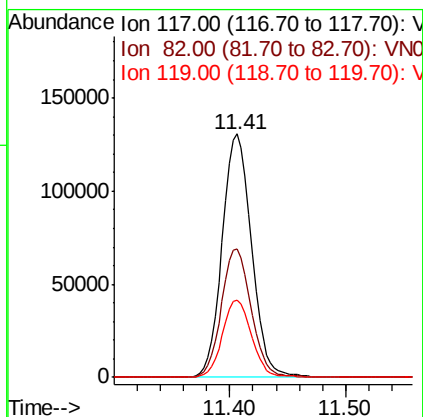
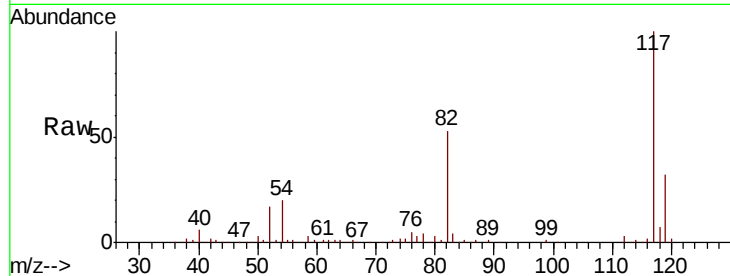




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056692.D
Acq: 12 Jul 2019 16:41

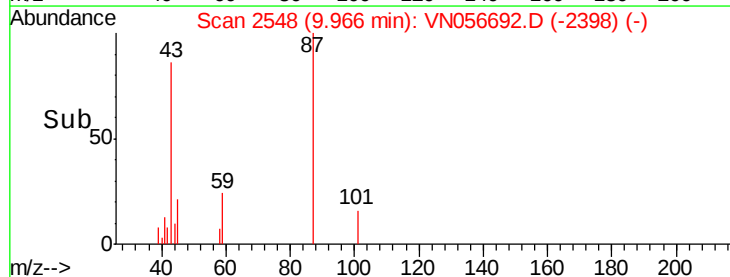
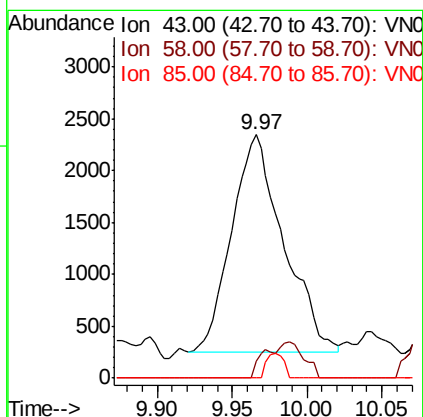
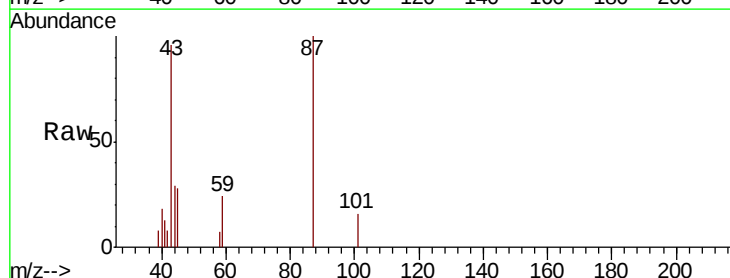
Instrument :
MSVOA_N
ClientSampleId :
390711759.3-VOA

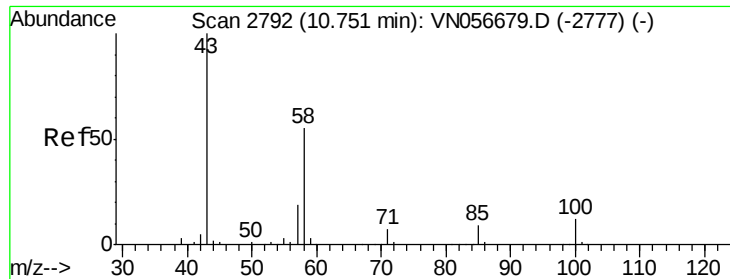
Tot Ion:117 Resp: 229228
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 31.6 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 1.180 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.02 min
Lab File: VN056692.D
Acq: 12 Jul 2019 16:41

Tgt Ion: 43 Resp: 5091
Ion Ratio Lower Upper
43 100
58 4.4 31.9 47.9#
85 0.0 14.2 21.4#

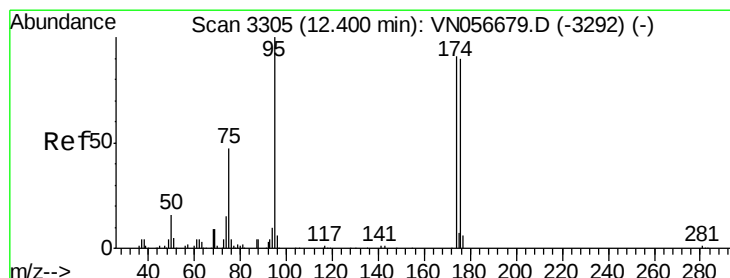
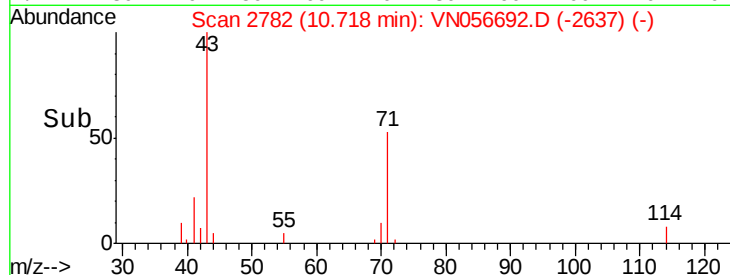
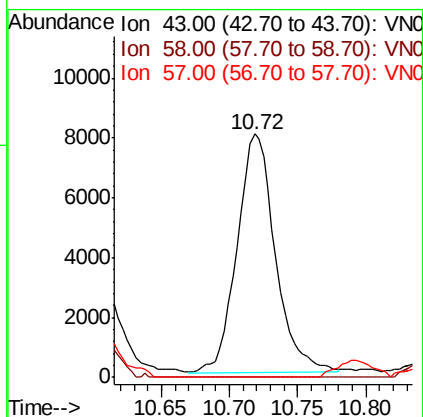
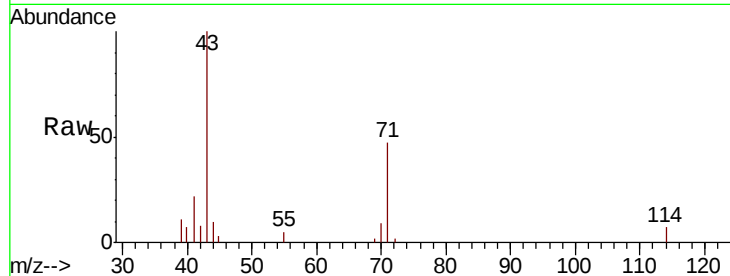




#59
2-Hexanone
Concen: 4.722 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN056692.D
Acq: 12 Jul 2019 16:41

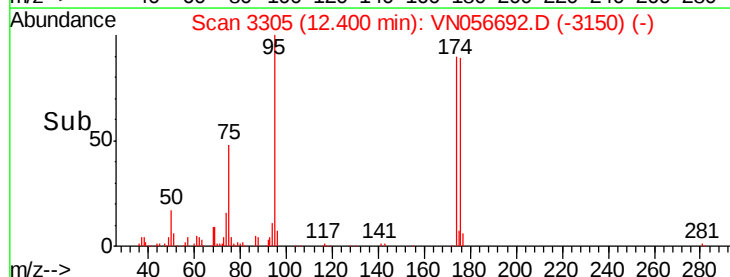
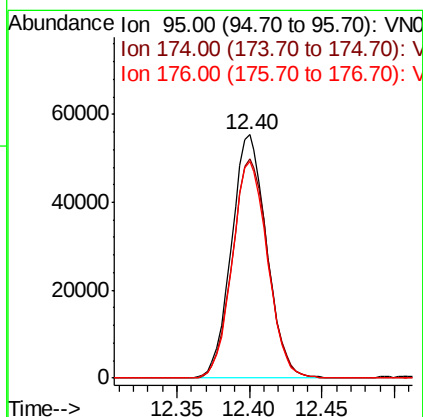
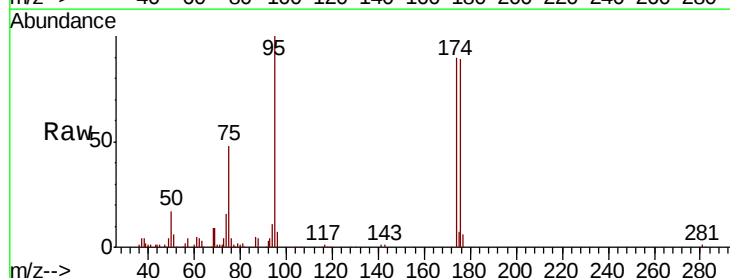
Instrument :
MSVOA_N
ClientSampleId :
390711759.3-VOA

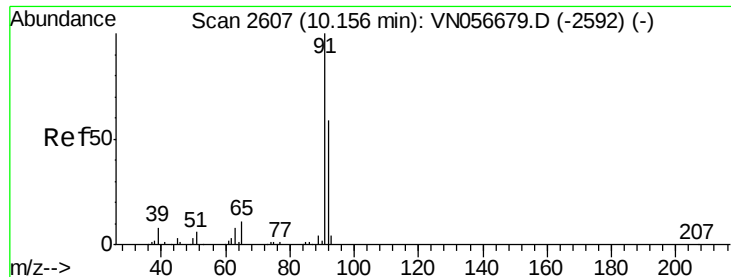
Tot Ion: 43 Resp: 15463
Ion Ratio Lower Upper
43 100
58 0.0 44.4 66.6#
57 6.8 15.2 22.8#



#60
4-Bromofluorobenzene
Concen: 26.616 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056692.D
Acq: 12 Jul 2019 16:41

Tgt Ion: 95 Resp: 93374
Ion Ratio Lower Upper
95 100
174 91.4 72.6 108.8
176 89.2 71.0 106.6





#62

Toluene

Concen: 0.898 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

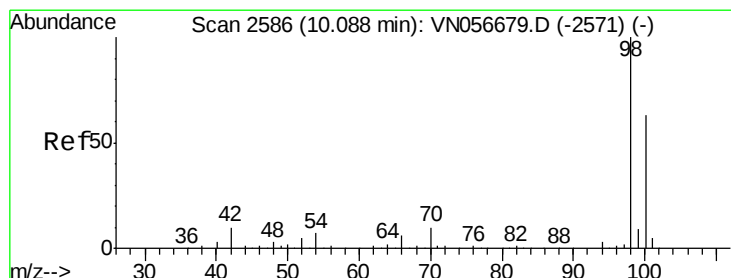
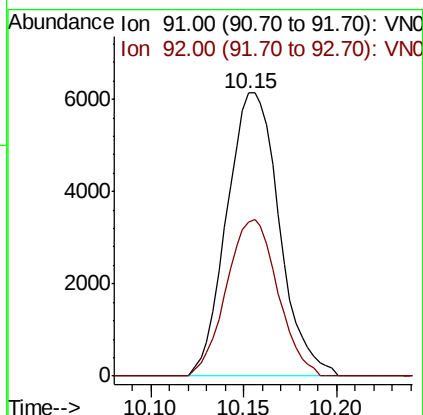
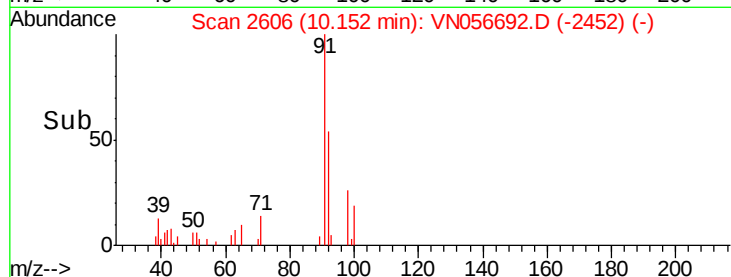
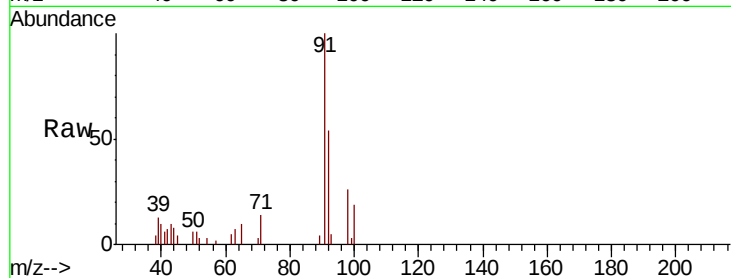
390711759.3-VOA

Tot Ion: 91 Resp: 12094

Ion Ratio Lower Upper

91 100

92 53.9 46.7 70.1



#63

Toluene-d8

Concen: 30.606 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056692.D

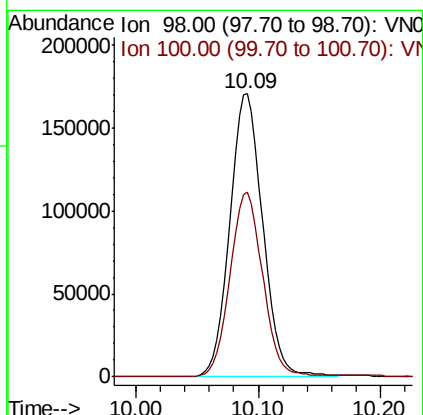
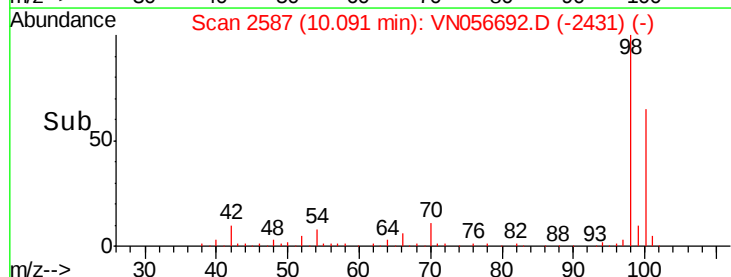
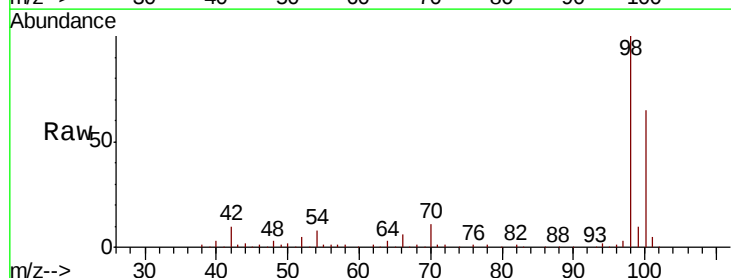
Acq: 12 Jul 2019 16:41

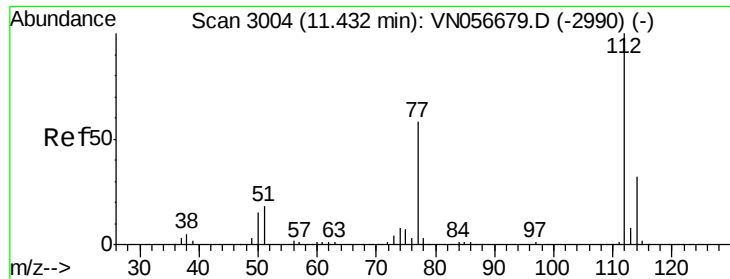
Tgt Ion: 98 Resp: 320563

Ion Ratio Lower Upper

98 100

100 64.7 51.1 76.7

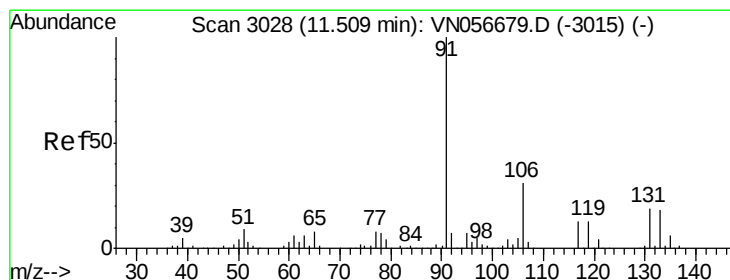
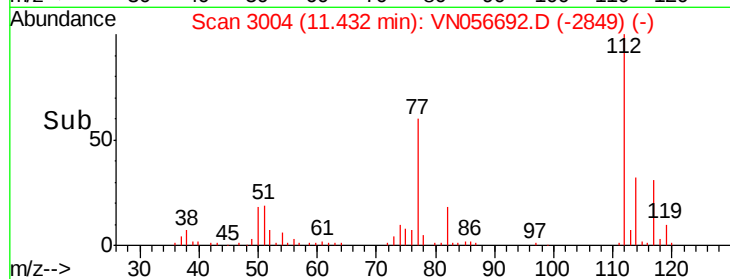
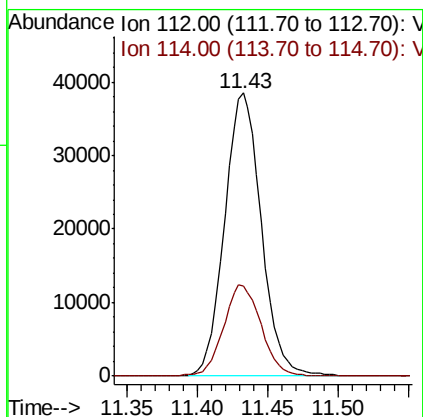
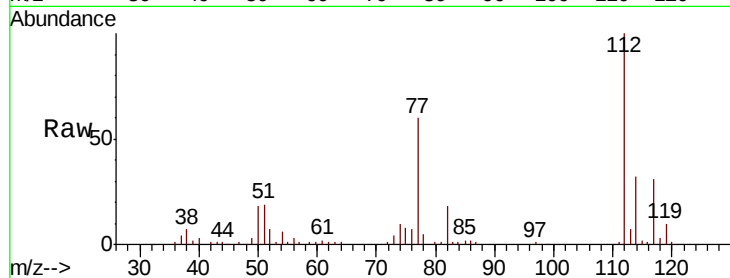




#64
Chlorobenzene
Concen: 8.518 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056692.D
Acq: 12 Jul 2019 16:41

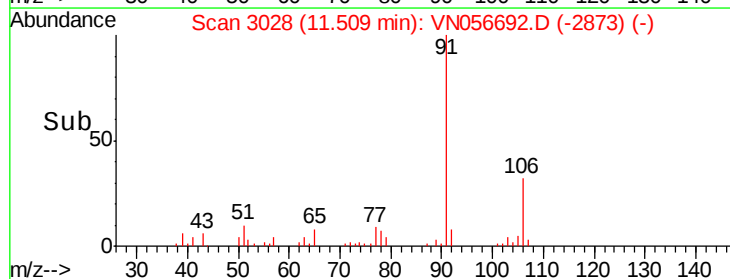
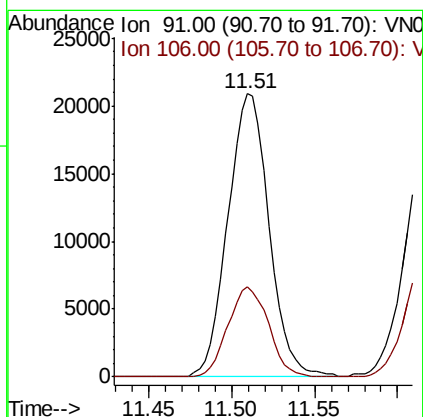
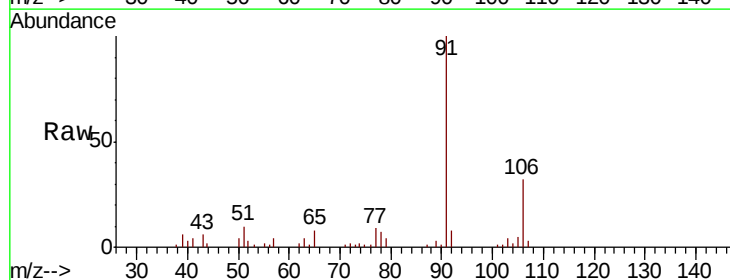
Instrument :
MSVOA_N
ClientSampleId :
390711759.3-VOA

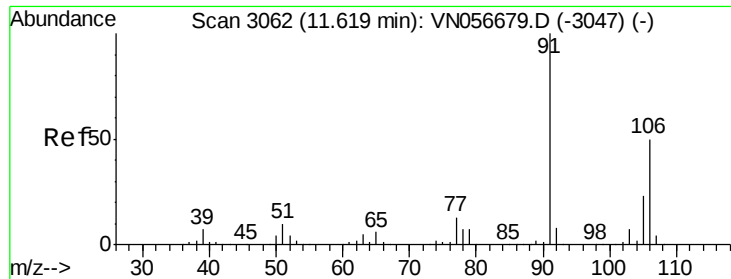
Tot Ion:112 Resp: 69947
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



#66
Ethyl Benzene
Concen: 2.475 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056692.D
Acq: 12 Jul 2019 16:41

Tgt Ion: 91 Resp: 36023
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7





#67

m/p-Xylenes

Concen: 3.473 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

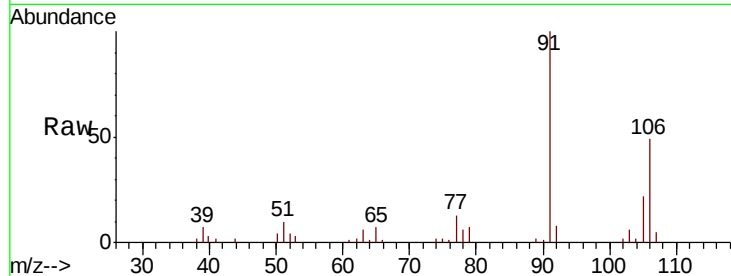
390711759.3-VOA

Tot Ion:106 Resp: 19076

Ion Ratio Lower Upper

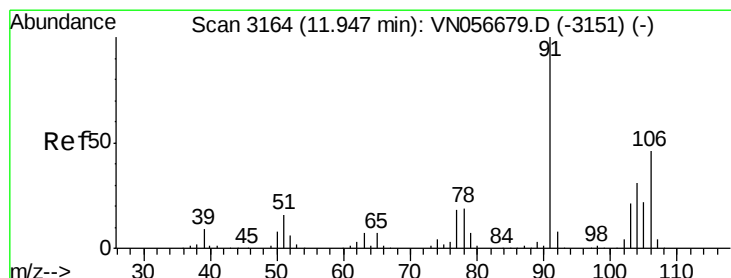
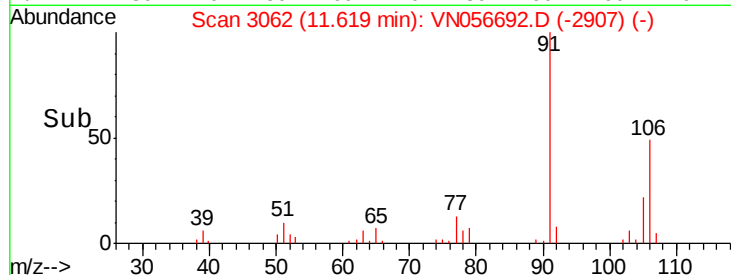
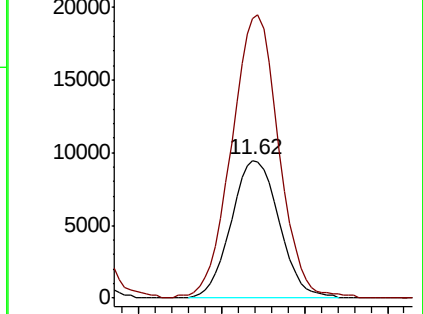
106 100

91 201.6 161.8 242.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 3.683 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. -0.00 min

Lab File: VN056692.D

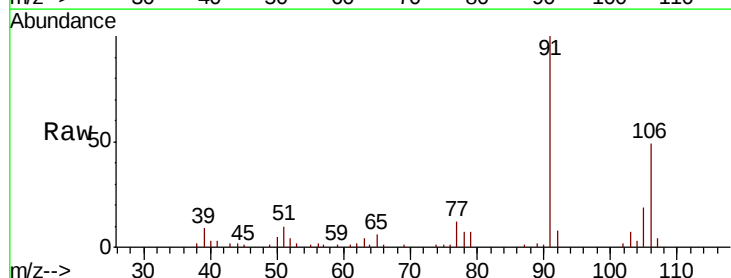
Acq: 12 Jul 2019 16:41

Tgt Ion:106 Resp: 19732

Ion Ratio Lower Upper

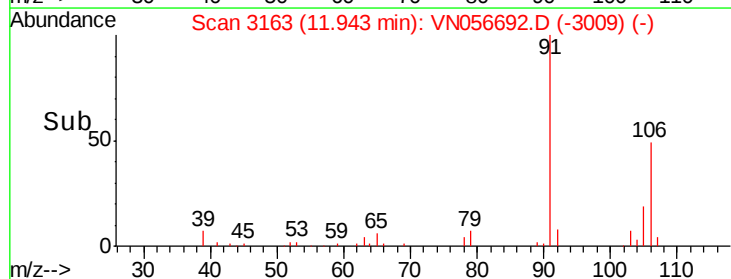
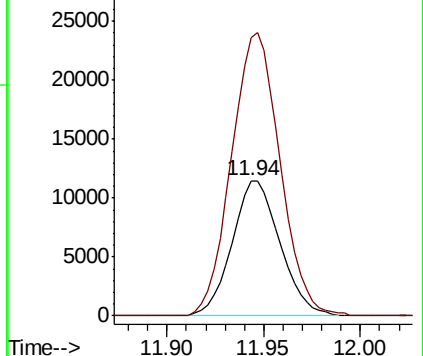
106 100

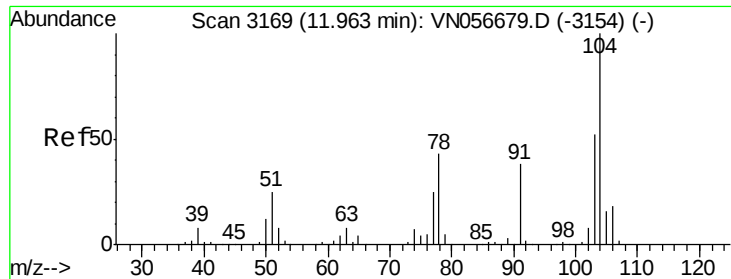
91 212.5 108.1 324.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

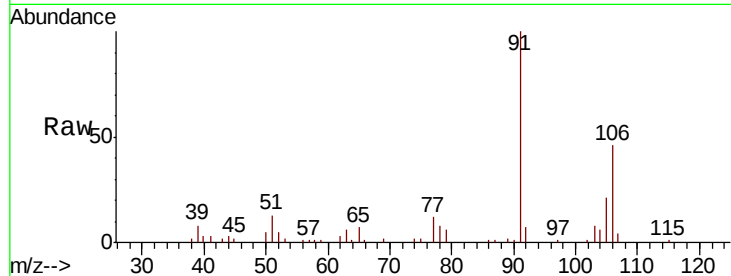




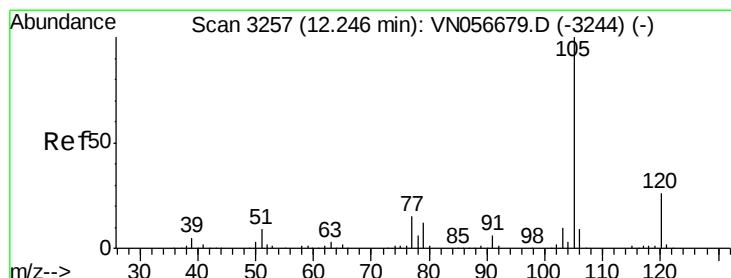
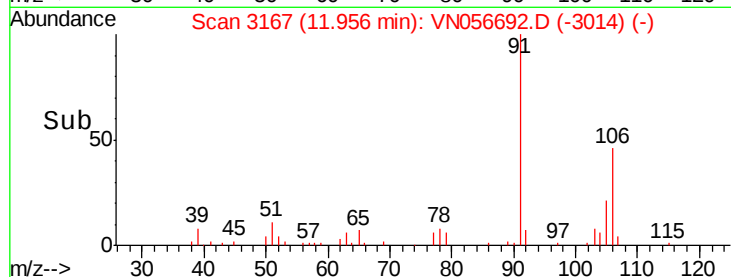
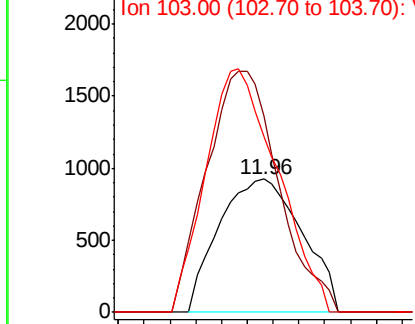
#69
Stvrene
Concen: 0.233 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.01 min
Lab File: VN056692.D
Acq: 12 Jul 2019 16:41

Instrument :
MSVOA_N
ClientSampleId :
390711759.3-VOA

Tot Ion:104 Resp: 2070
Ion Ratio Lower Upper
104 100
78 157.1 38.7 58.1#
103 157.4 45.0 67.4#

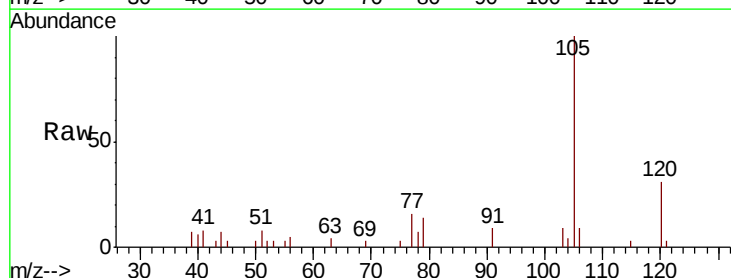


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

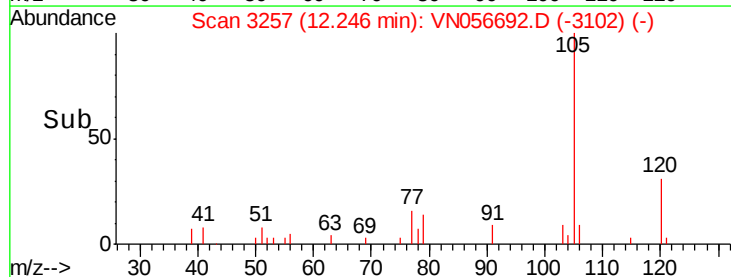
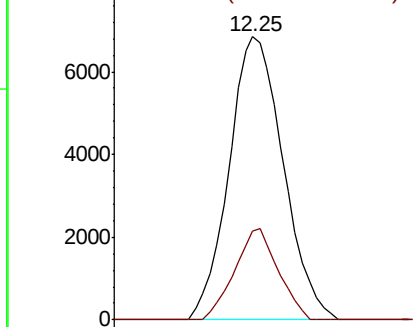


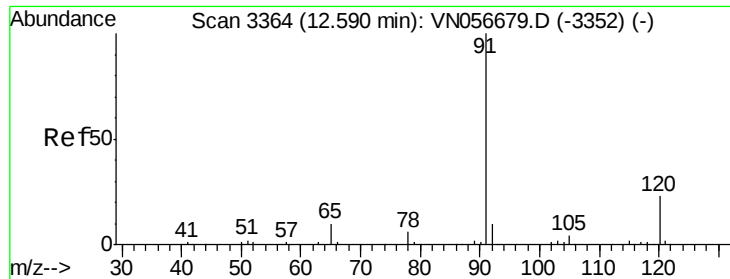
#70
Isopropylbenzene
Concen: 0.832 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN056692.D
Acq: 12 Jul 2019 16:41

Tgt Ion:105 Resp: 11685
Ion Ratio Lower Upper
105 100
120 25.8 18.6 34.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

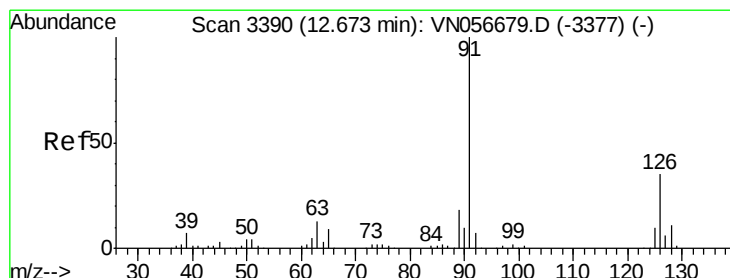
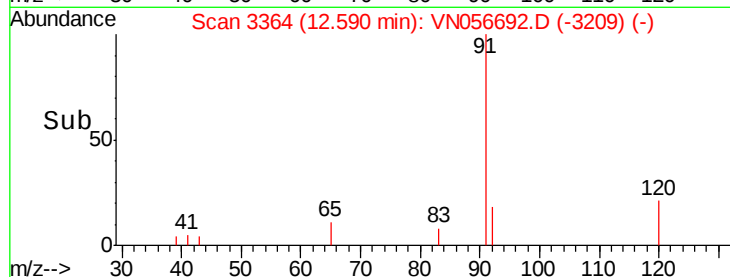
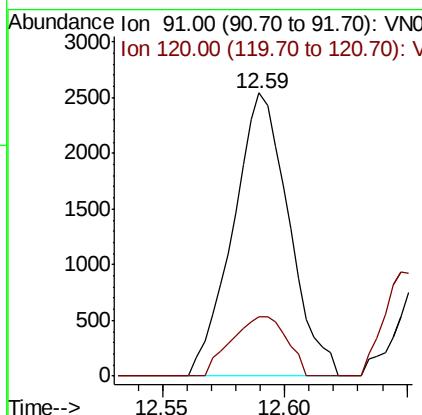
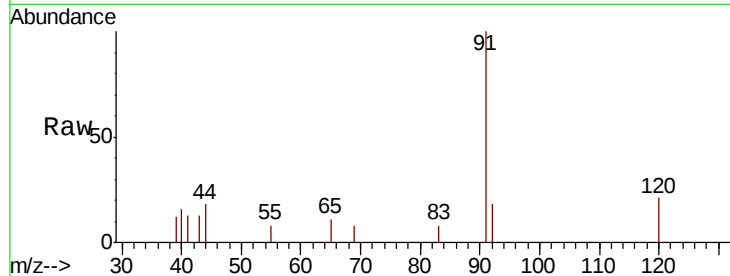




#74
 n-propylbenzene
 Concen: 0.255 ug/l
 RT: 12.59 min Scan# 3364
 Delta R.T. -0.00 min
 Lab File: VN056692.D
 Acq: 12 Jul 2019 16:41

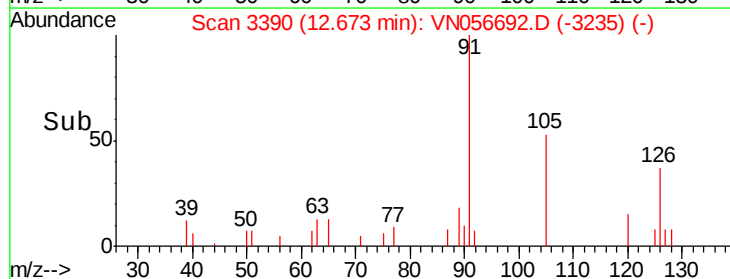
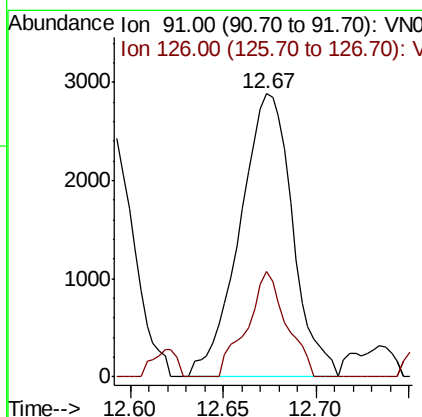
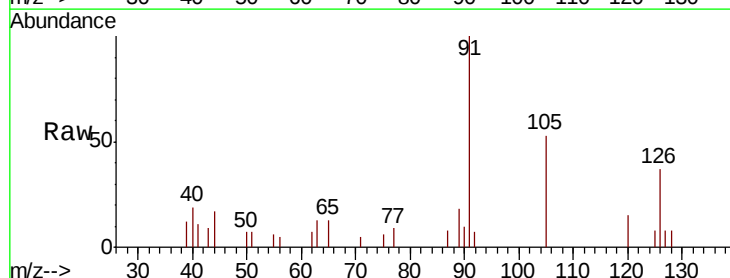
Instrument :
 MSVOA_N
 ClientSampleId :
 390711759.3-VOA

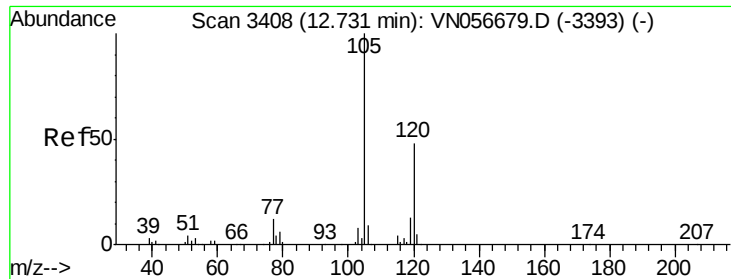
Tot Ion: 91 Resp: 4032
 Ion Ratio Lower Upper
 91 100
 120 20.9 0.0 45.6



#75
 2-Chlorotoluene
 Concen: 0.598 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN056692.D
 Acq: 12 Jul 2019 16:41

Tgt Ion: 91 Resp: 5709
 Ion Ratio Lower Upper
 91 100
 126 27.7 0.0 69.8





#76

1,3,5-Trimethylbenzene

Concen: 0.356 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

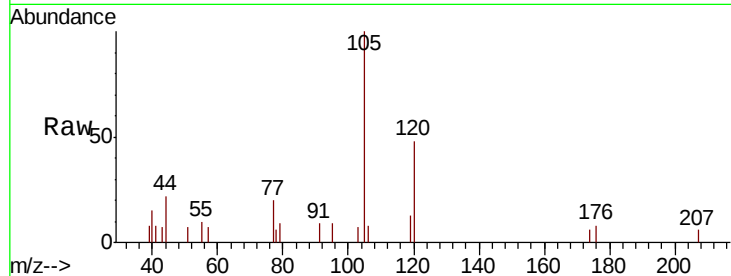
390711759.3-VOA

Tot Ion:105 Resp: 4267

Ion Ratio Lower Upper

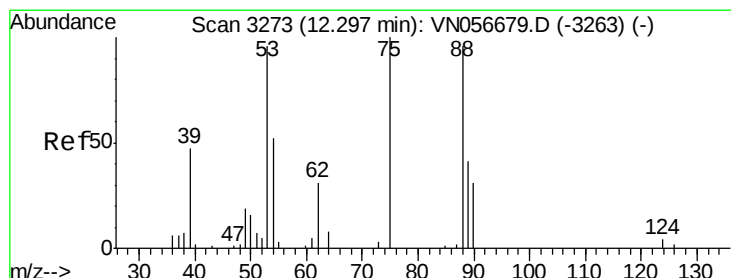
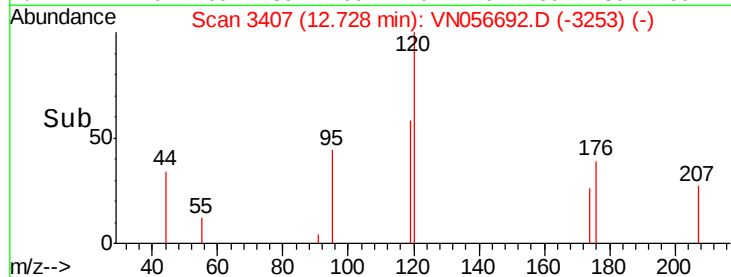
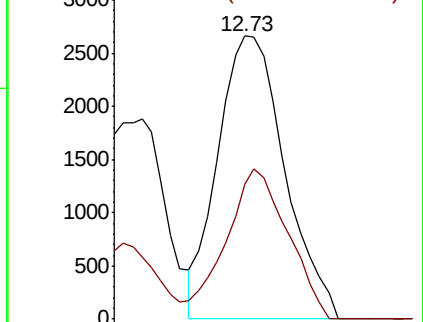
105 100

120 49.4 0.0 97.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#77

t-1,4-Dichloro-2-butene

Concen: 0.202 ug/l

RT: 12.23 min Scan# 3252

Delta R.T. -0.07 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

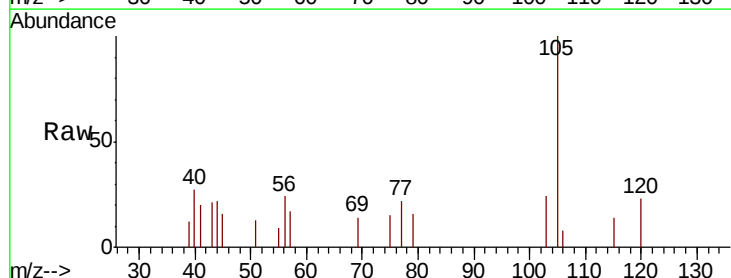
Tgt Ion: 75 Resp: 262

Ion Ratio Lower Upper

75 100

53 0.0 48.6 145.8#

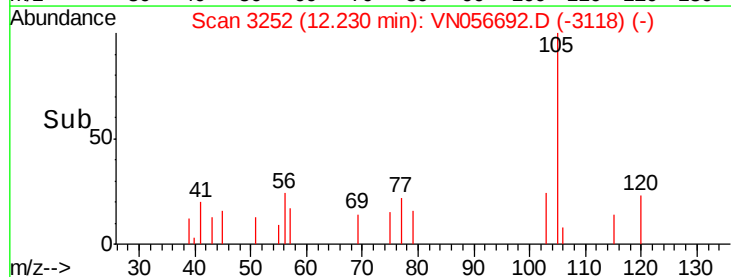
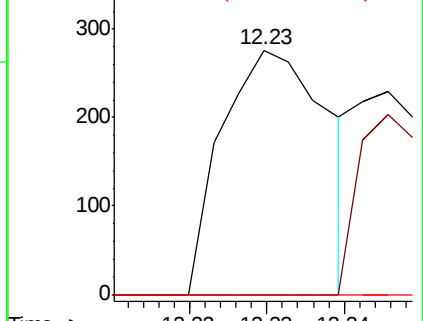
89 0.0 21.3 64.0#

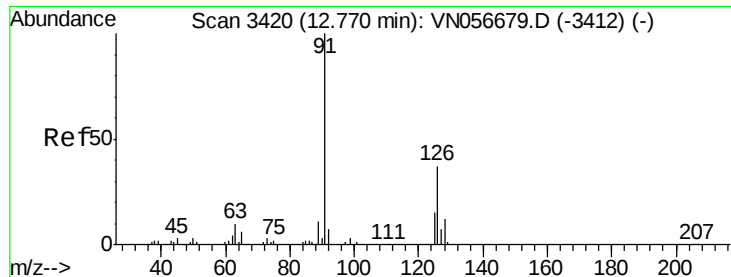


Abundance Ion 75.00 (74.70 to 75.70): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 89.00 (88.70 to 89.70): VNO





#78

4-Chlorotoluene

Concen: 0.617 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.10 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

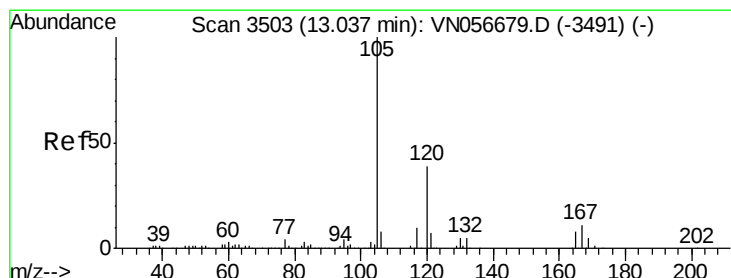
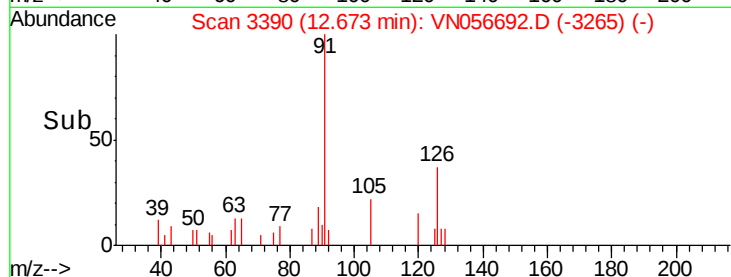
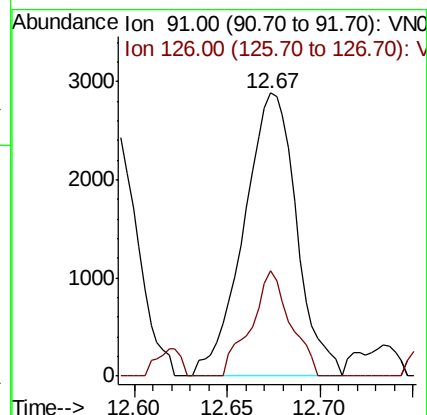
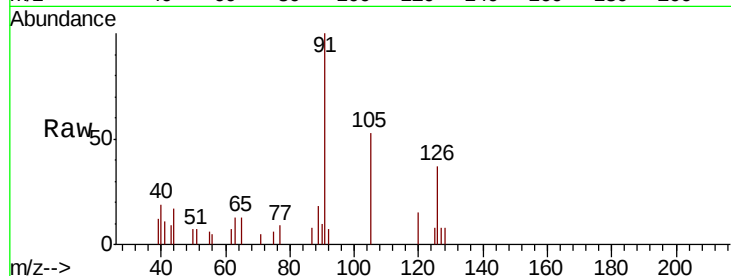
390711759.3-VOA

Tot Ion: 91 Resp: 5709

Ion Ratio Lower Upper

91 100

126 27.7 0.0 69.4



#80

1,2,4-Trimethylbenzene

Concen: 1.563 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN056692.D

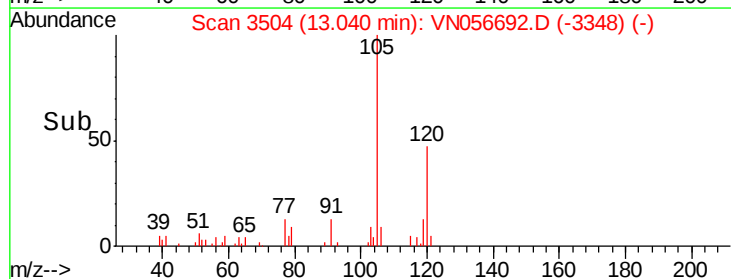
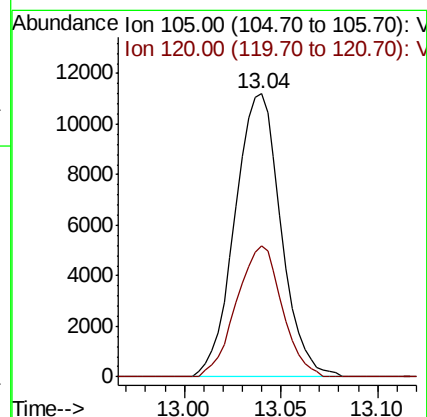
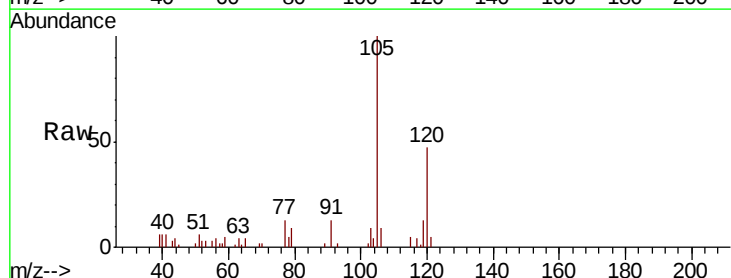
Acq: 12 Jul 2019 16:41

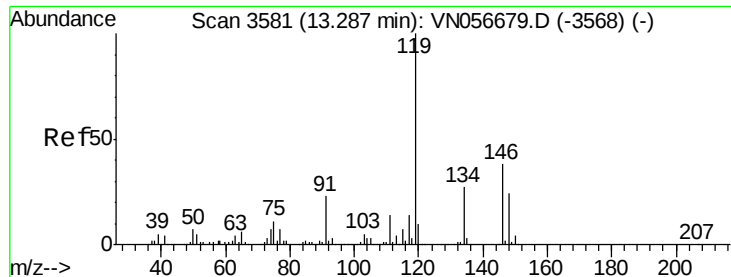
Tgt Ion: 105 Resp: 18562

Ion Ratio Lower Upper

105 100

120 45.7 0.0 91.2

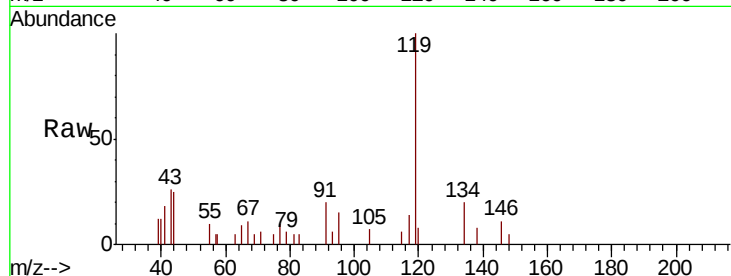




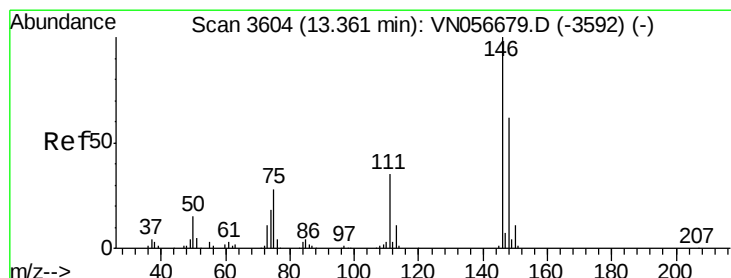
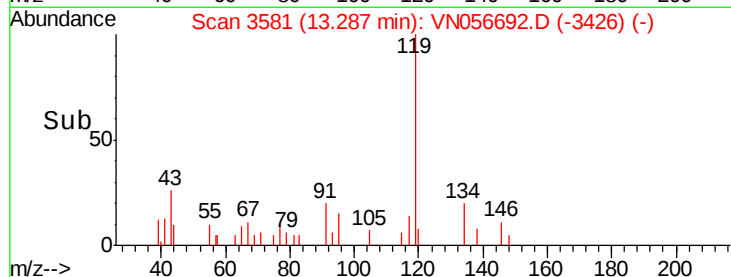
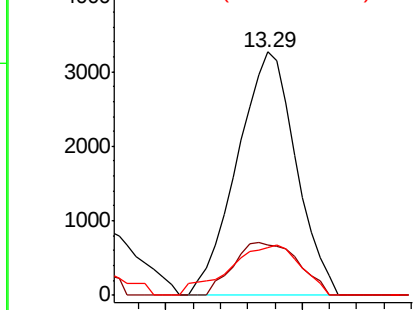
#82
p-Isopropyltoluene
Concen: 0.398 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN056692.D
Acq: 12 Jul 2019 16:41

Instrument :
MSVOA_N
ClientSampleId :
390711759.3-VOA

Tot Ion:119 Resp: 4881
Ion Ratio Lower Upper
119 100
134 24.1 0.0 52.8
91 25.1 0.0 45.4

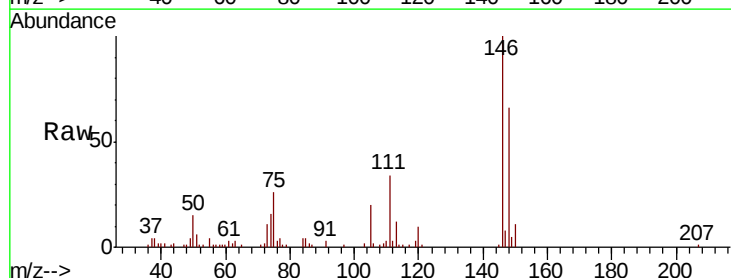


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

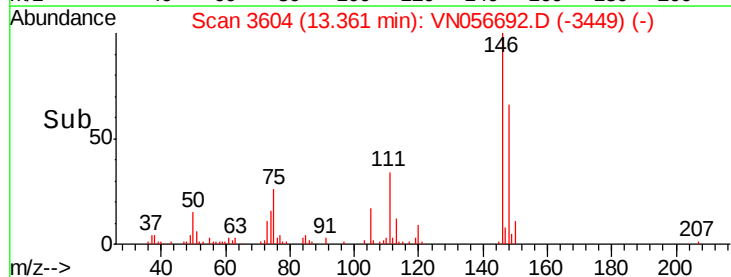
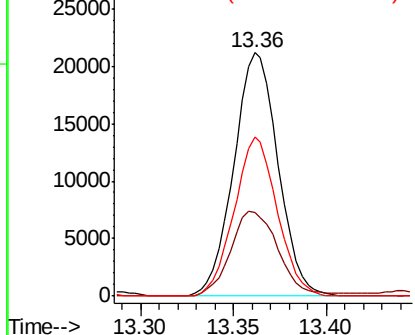


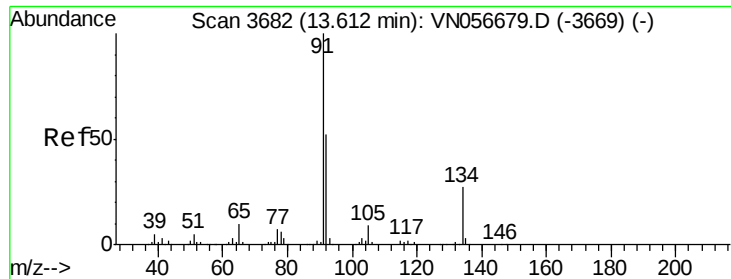
#84
1,4-Dichlorobenzene
Concen: 5.980 ug/l
RT: 13.36 min Scan# 3604
Delta R.T. -0.00 min
Lab File: VN056692.D
Acq: 12 Jul 2019 16:41

Tgt Ion:146 Resp: 35059
Ion Ratio Lower Upper
146 100
111 37.5 17.8 53.4
148 63.3 31.9 95.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 0.409 ug/l

RT: 13.54 min Scan# 3660

Delta R.T. -0.07 min

Lab File: VN056692.D

Acq: 12 Jul 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

390711759.3-VOA

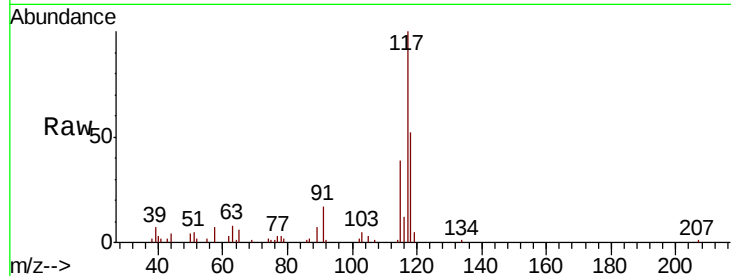
Tot Ion: 91 Resp: 4136

Ion Ratio Lower Upper

91 100

92 5.2 0.0 104.0

134 1.8 0.0 53.2

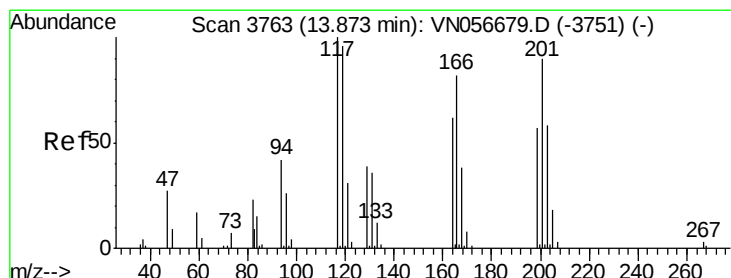
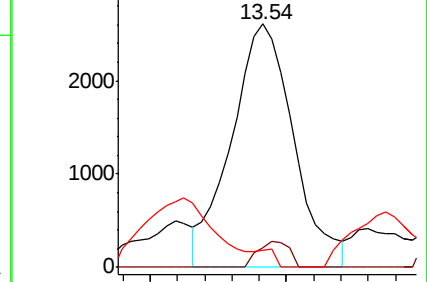
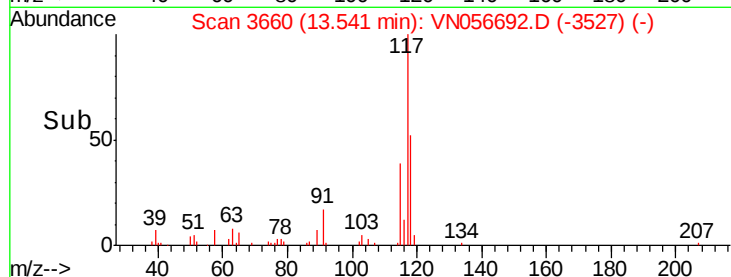


Abundance Ion 91.00 (90.70 to 91.70): VN056679.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN056679.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN056679.D (-3669) (-)

Time-->



#86

Hexachloroethane

Concen: 0.394 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN056692.D

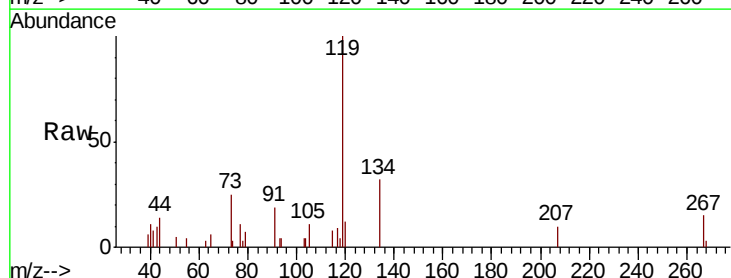
Acq: 12 Jul 2019 16:41

Tgt Ion: 117 Resp: 759

Ion Ratio Lower Upper

117 100

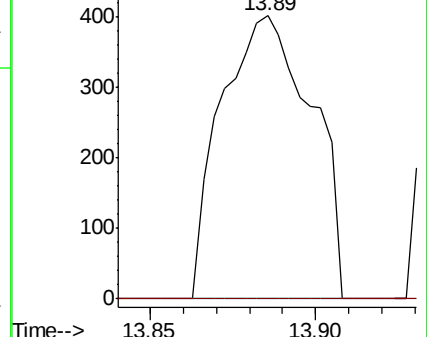
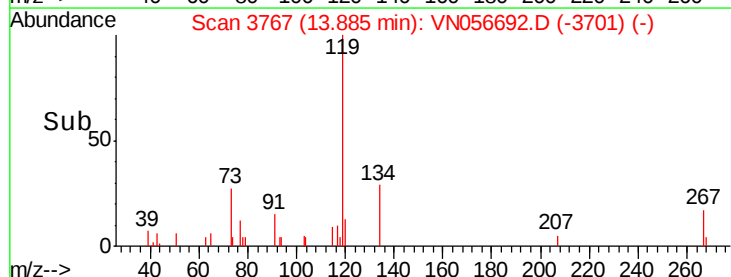
201 0.0 45.6 136.7#

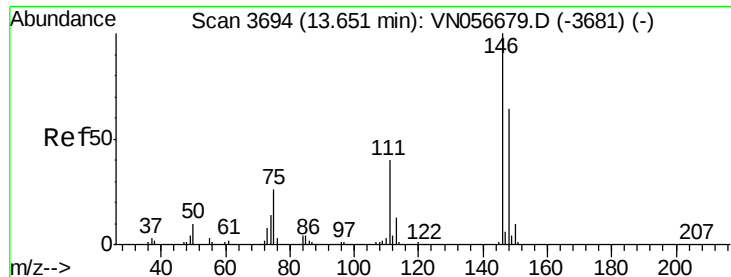


Abundance Ion 117.00 (116.70 to 117.70): VN056679.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN056679.D (-3751) (-)

Time-->

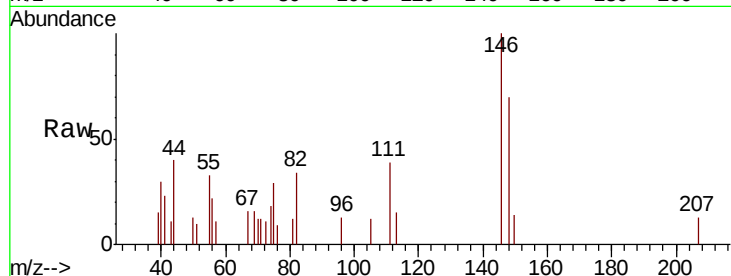




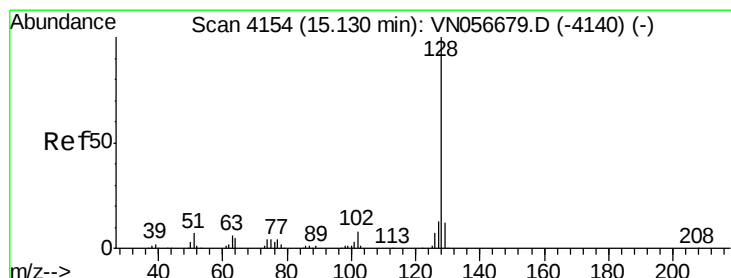
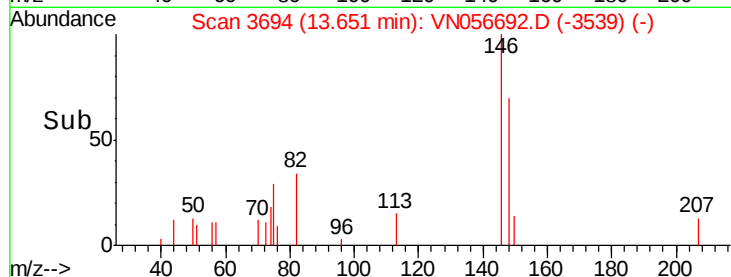
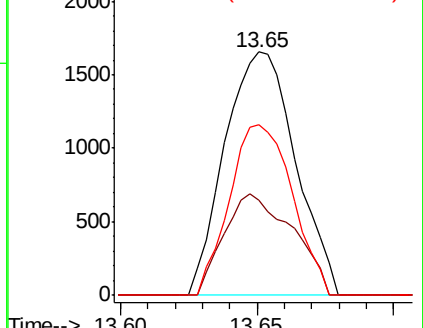
#87
 1,2-Dichlorobenzene
 Concen: 0.484 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056692.D
 Acq: 12 Jul 2019 16:41

Instrument :
 MSVOA_N
 ClientSampleId :
 390711759.3-VOA

Tot Ion:146 Resp: 2974
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.7 59.0
 148 62.4 32.7 98.1

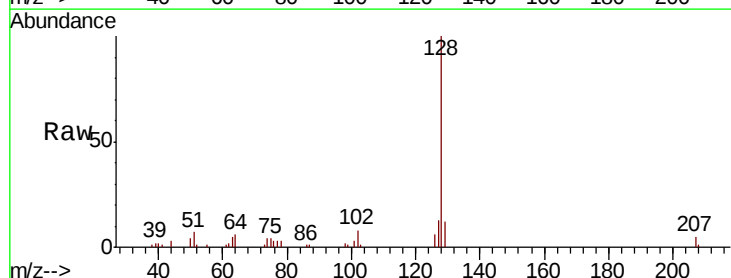


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



#91
 Naphthalene
 Concen: 4.698 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. -0.00 min
 Lab File: VN056692.D
 Acq: 12 Jul 2019 16:41

Tgt Ion:128 Resp: 41771
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.4 15.6
 129 11.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

