

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055019.D
 Acq On : 13 Apr 2019 00:11
 Operator : JC/SP
 Sample : K2359-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 15 01:04:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	498447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	818637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	677990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	271797	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	324007	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
35) Dibromofluoromethane	7.59	113	255561	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
50) Toluene-d8	10.09	98	954744	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.40	95	311749	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.83	59	459	1.192	ug/l #	53
13) Acrolein	3.60	56	648	1.395	ug/l #	70
16) Acetone	3.82	43	60474	35.192	ug/l	98
17) Carbon Disulfide	4.04	76	3359	0.268	ug/l	98
18) Methyl Acetate	4.34	43	4270	0.802	ug/l #	78
20) Methylene Chloride	4.54	84	29751	3.940	ug/l	96
25) 2-Butanone	6.85	43	27156	10.261	ug/l	94
29) Tetrahydrofuran	7.22	42	573	0.330	ug/l #	44
31) Cyclohexane	7.66	56	11674	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	38645	5.108	ug/l #	49
37) Ethyl Acetate	6.85	43	27156	4.781	ug/l #	71
38) Carbon Tetrachloride	7.66	117	46751	6.565	ug/l #	16
43) Isopropyl Acetate	8.17	43	10231	1.053	ug/l	97
48) Methyl methacrylate	9.18	41	13925	2.783	ug/l #	38
49) 1,4-Dioxane	9.26	88	32	0.595	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	9461	1.664	ug/l	100
54) cis-1,3-Dichloropropene	9.91	75	25818	3.077	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	4825	0.555	ug/l #	43
59) 2-Hexanone	10.77	43	80414	22.629	ug/l #	55
67) Ethyl Benzene	11.51	91	5038	0.210	ug/l	98
68) m/p-Xylenes	11.62	106	2443	0.278	ug/l	87
70) Styrene	11.96	104	3267	0.237	ug/l	92
71) Bromoform	12.40	173	3244	3.516	ug/l #	1
74) N-amyl acetate	12.03	43	9778	1.404	ug/l #	55
76) 1,2,3-Trichloropropane	12.40	75	158552	31.708	ug/l #	100
77) Bromobenzene	12.53	156	112	Below Cal	#	1
78) n-propylbenzene	12.59	91	5122	0.203	ug/l	93
79) 2-Chlorotoluene	12.72	91	5351	0.344	ug/l	83
80) 1,3,5-Trimethylbenzene	12.73	105	7206	0.383	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	158552	130.874	ug/l #	8
82) 4-Chlorotoluene	12.72	91	5351	0.356	ug/l	81
84) 1,2,4-Trimethylbenzene	13.04	105	32868	1.822	ug/l #	31
85) sec-Butylbenzene	13.29	105	810161	39.372	ug/l #	1
89) n-Butylbenzene	13.51	91	96638	6.875	ug/l	82

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Quant Title : SW846 8260
QLast Update : Sat Apr 13 03:34:24 2019
Response via : Initial Calibration

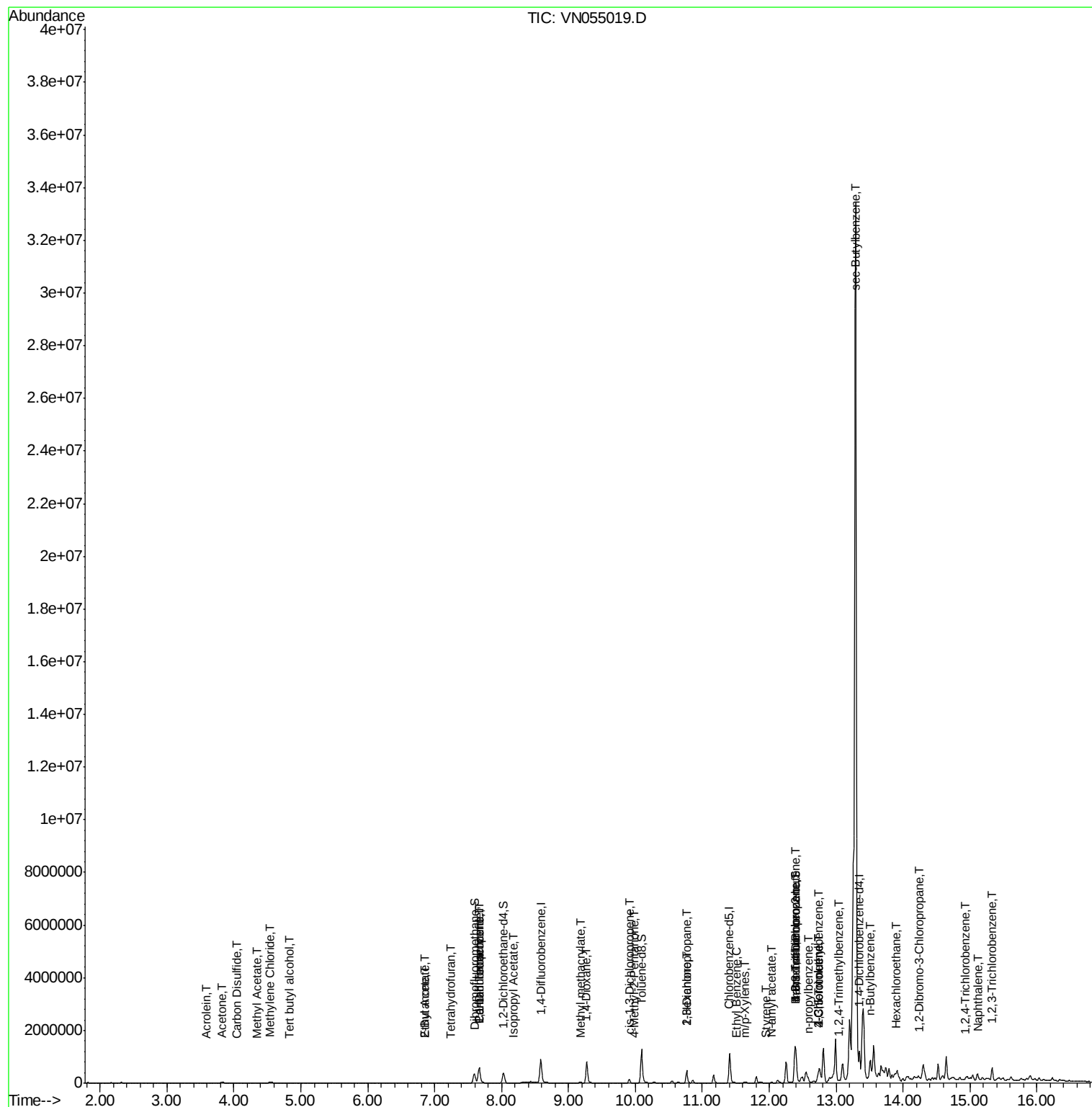
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	2530	0.855	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	14.25	75	324	0.416	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	602	3.656	ug/l #	1
95) Naphthalene	15.13	128	9737	5.525	ug/l #	37
96) 1,2,3-Trichlorobenzene	15.33	180	1049	0.259	ug/l #	1

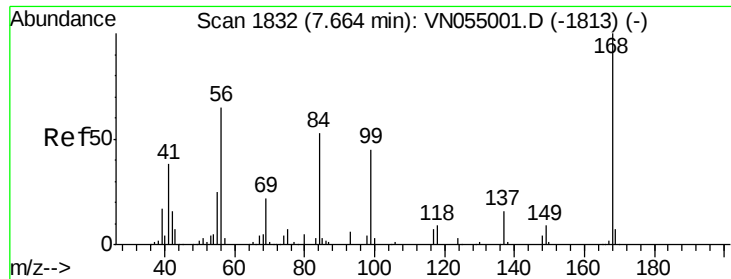
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

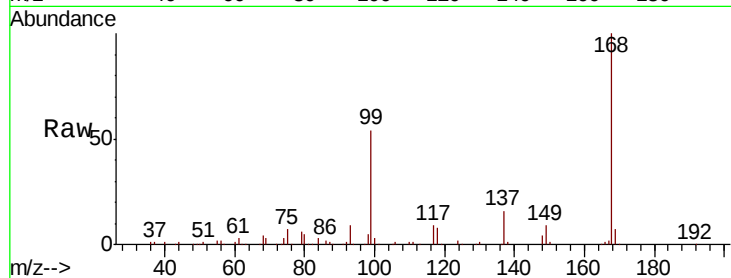
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 498447

Ion Ratio Lower Upper

168 100

99 53.8 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055019.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055019.D (-1739) (-)

7.67

200000

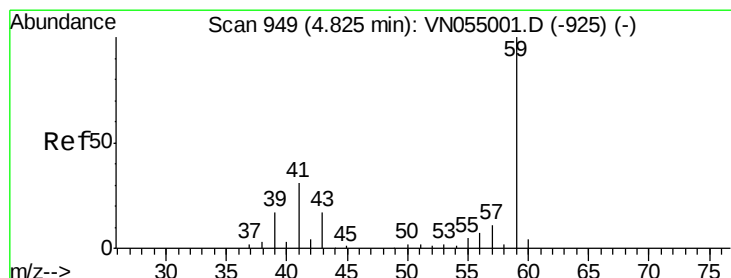
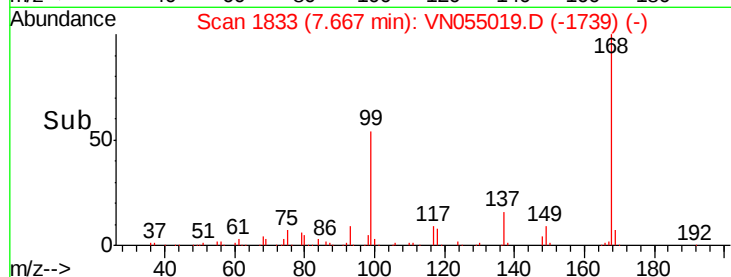
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#11

Tert butyl alcohol

Concen: 1.192 ug/l

RT: 4.83 min Scan# 950

Delta R.T. 0.00 min

Lab File: VN055019.D

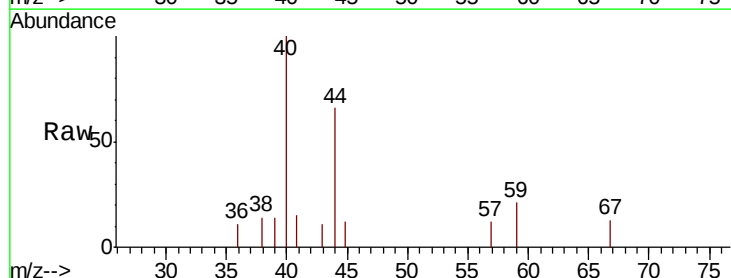
Acq: 13 Apr 2019 00:11

Tgt Ion: 59 Resp: 459

Ion Ratio Lower Upper

59 100

57 27.9 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN055019.D (-856) (-)

Ion 57.00 (56.70 to 57.70): VN055019.D (-856) (-)

4.83

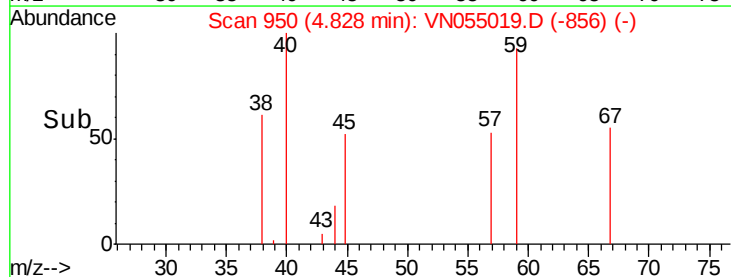
300

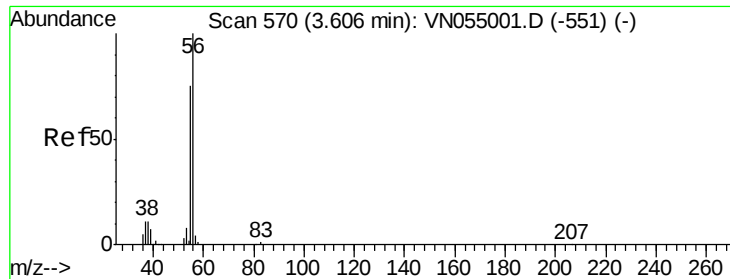
200

100

0

Time--> 4.78 4.80 4.82 4.84





#13

Acrolein

Concen: 1.395 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_N

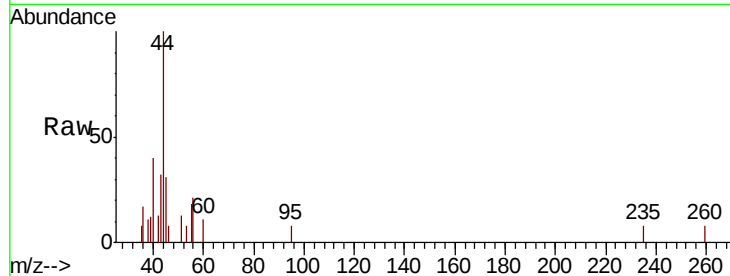
ClientSampleId :

Tot Ion: 56 Resp: 648

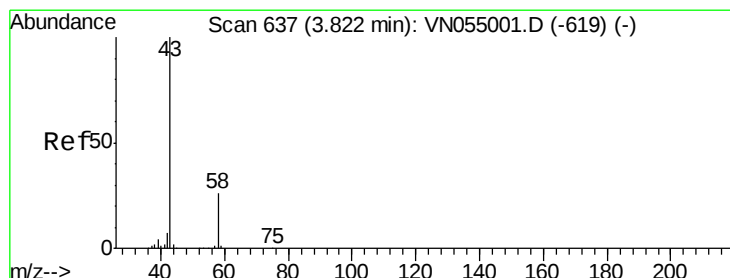
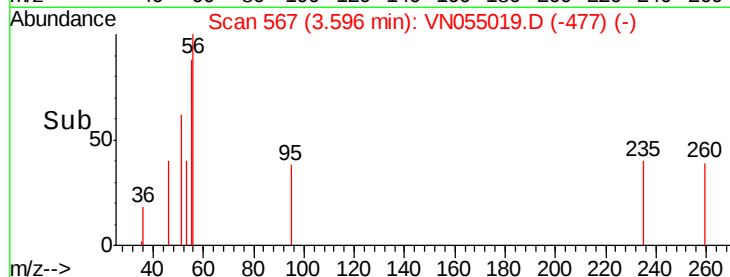
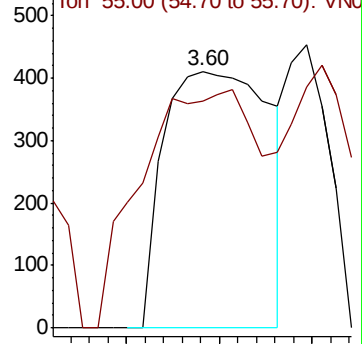
Ion Ratio Lower Upper

56 100

55 100.0 59.5 89.3#



Abundance Ion 56.00 (55.70 to 56.70): VN055019.D (-551) (-)



#16

Acetone

Concen: 35.192 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN055019.D

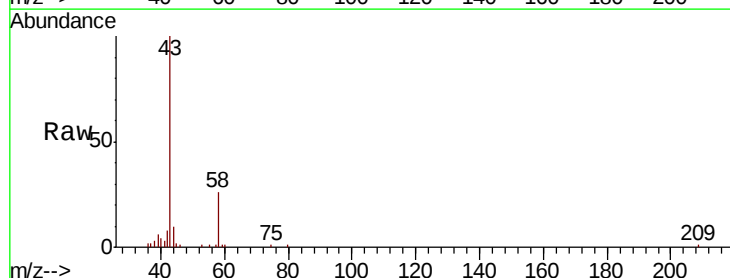
Acq: 13 Apr 2019 00:11

Tgt Ion: 43 Resp: 60474

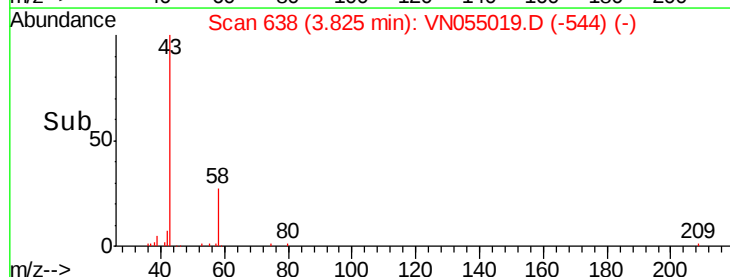
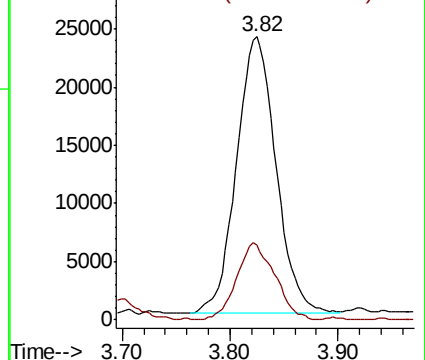
Ion Ratio Lower Upper

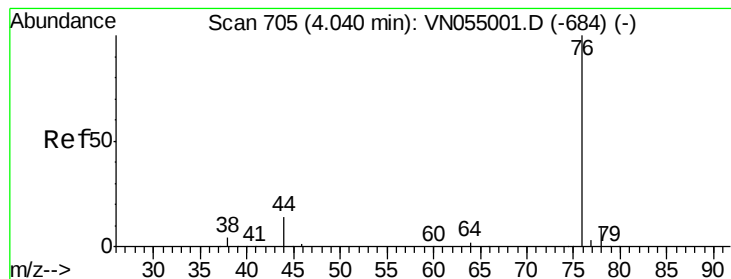
43 100

58 27.1 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN055019.D (-619) (-)





#17

Carbon Disulfide

Concen: 0.268 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_N

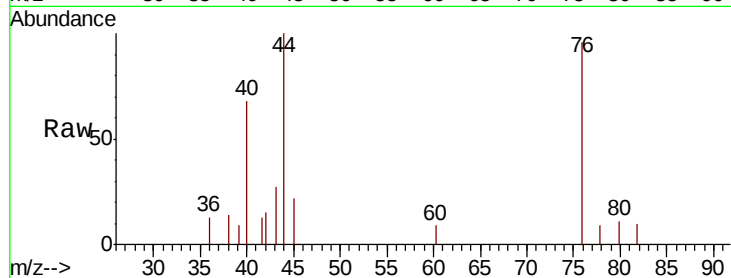
ClientSampled :

Tot Ion: 76 Resp: 3359

Ion Ratio Lower Upper

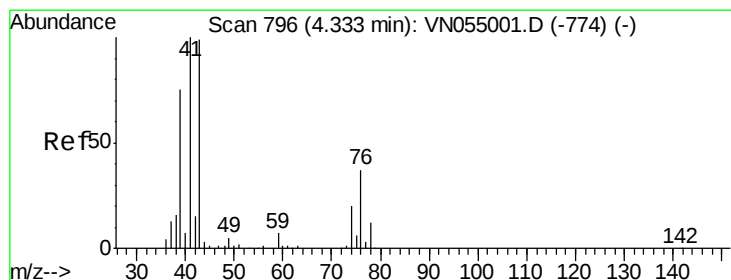
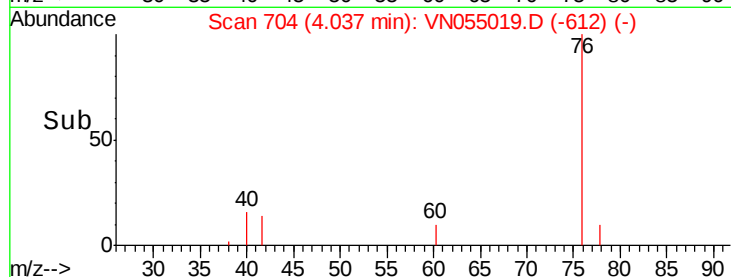
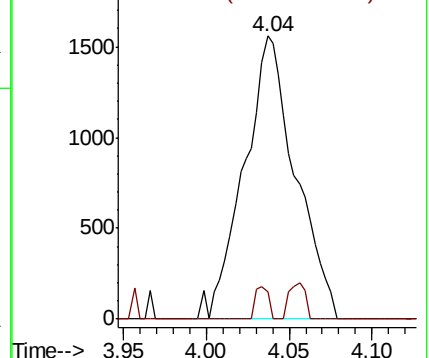
76 100

78 9.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.802 ug/l

RT: 4.34 min Scan# 799

Delta R.T. 0.01 min

Lab File: VN055019.D

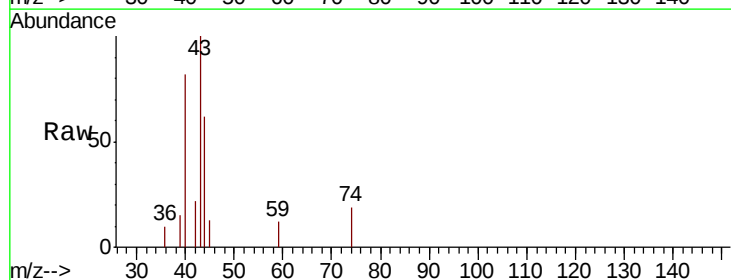
Acq: 13 Apr 2019 00:11

Tgt Ion: 43 Resp: 4270

Ion Ratio Lower Upper

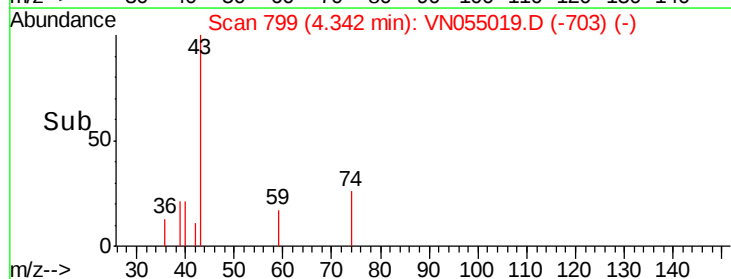
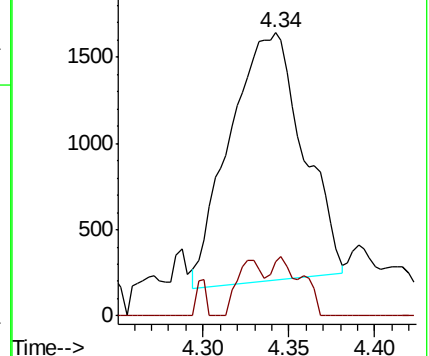
43 100

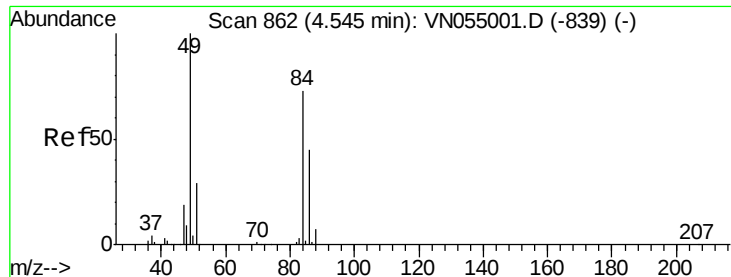
74 10.0 16.1 24.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methvlene Chloride

Concen: 3.940 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 84 Resp: 29751

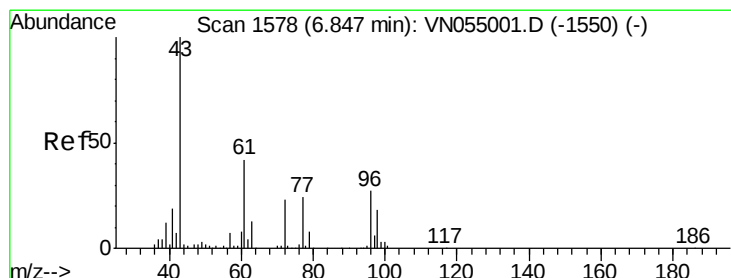
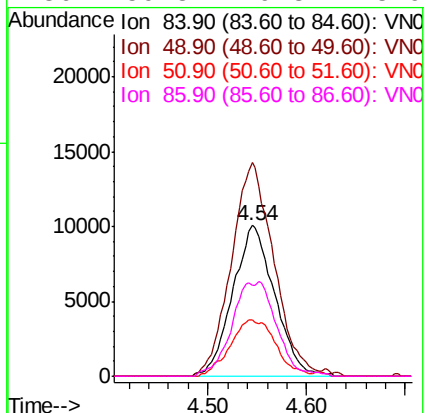
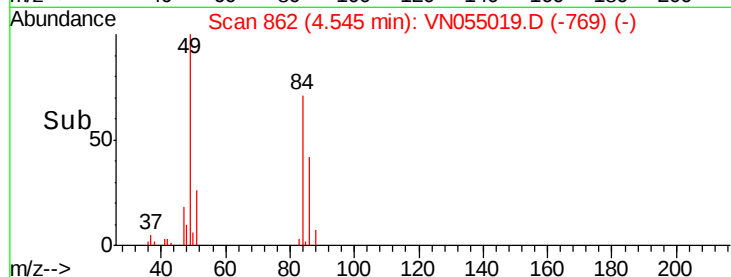
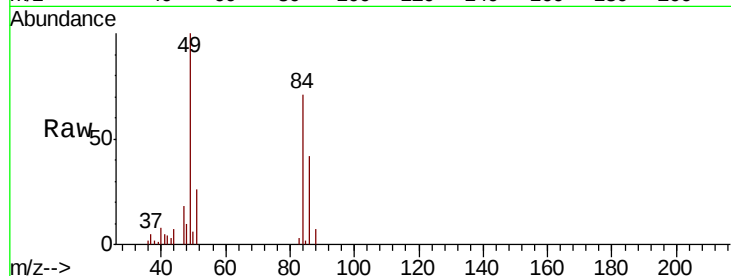
Ion Ratio Lower Upper

84 100

49 141.5 109.4 164.2

51 37.3 32.2 48.4

86 59.8 49.3 73.9



#25

2-Butanone

Concen: 10.261 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN055019.D

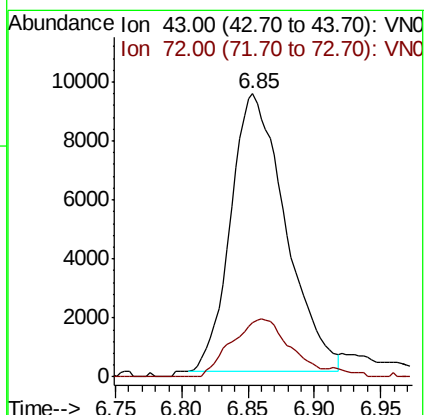
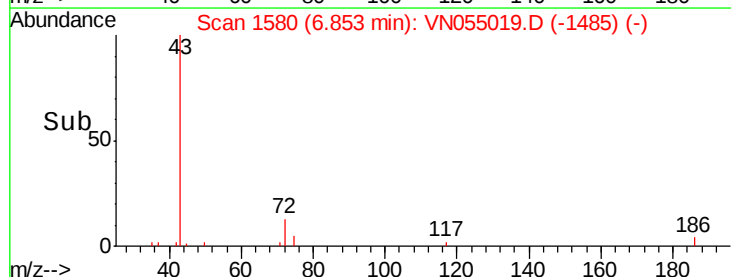
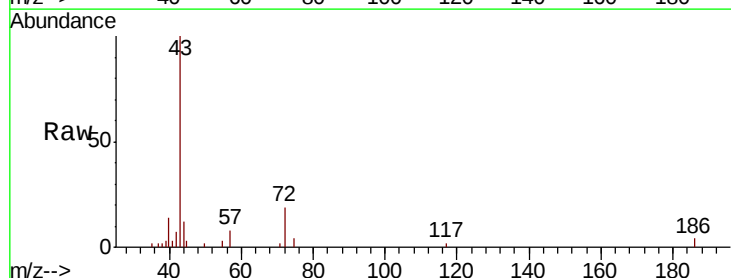
Acq: 13 Apr 2019 00:11

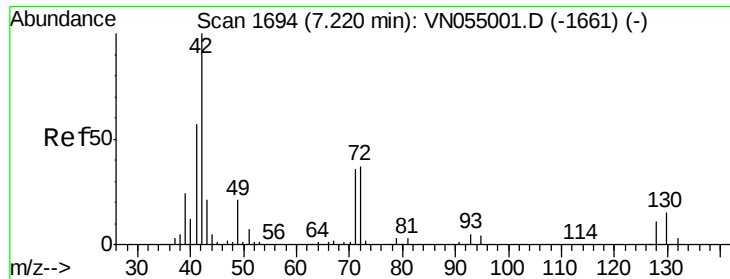
Tgt Ion: 43 Resp: 27156

Ion Ratio Lower Upper

43 100

72 19.6 18.1 27.1

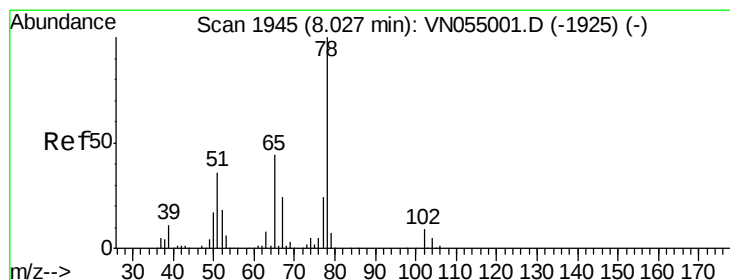
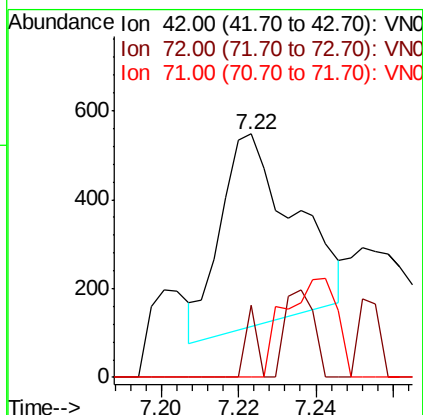
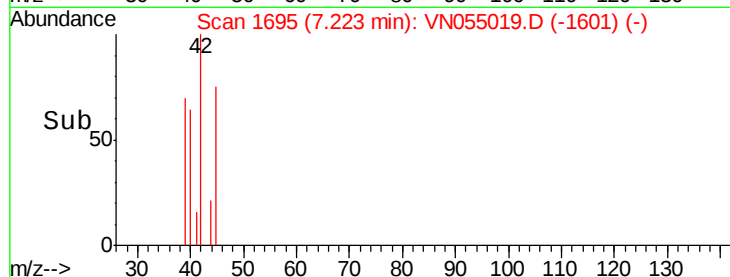
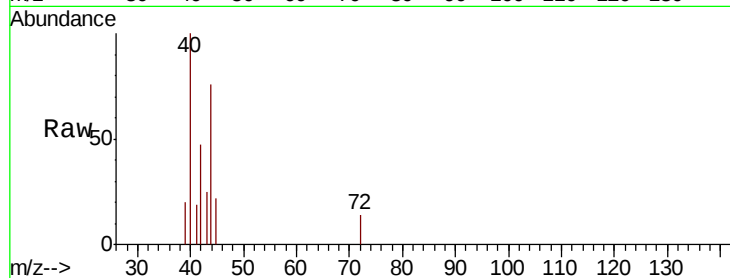




#29
Tetrahydrofuran
Concen: 0.330 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

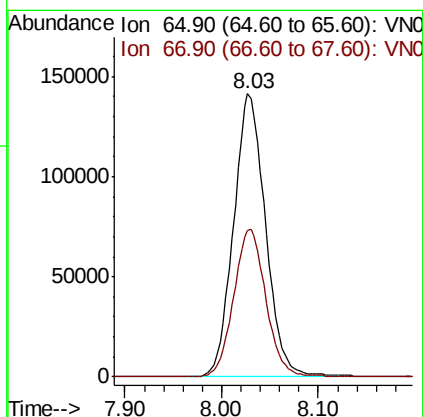
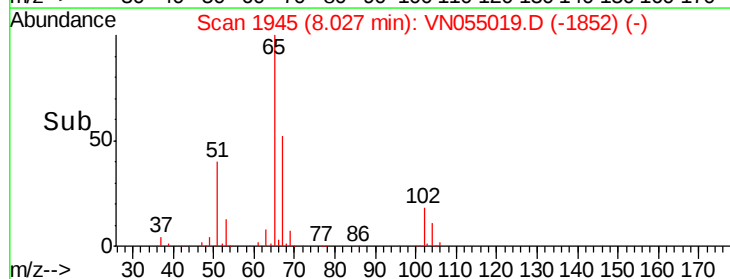
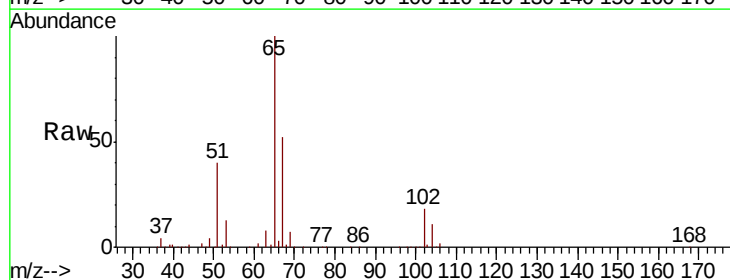
Instrument :
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ClientSampled :

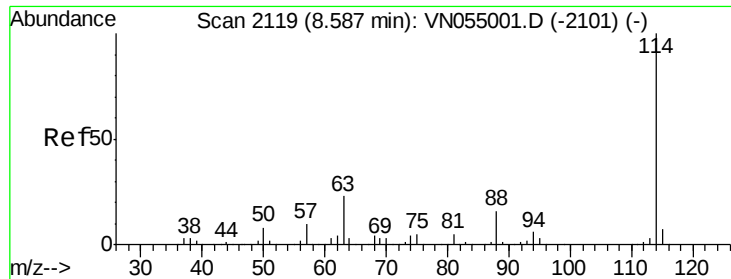
Tot Ion: 42 Resp: 573
Ion Ratio Lower Upper
42 100
72 5.4 29.4 44.0#
71 0.0 27.8 41.6#



#33
1,2-Dichloroethane-d4
Concen: 51.798 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

Tgt Ion: 65 Resp: 324007
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.4

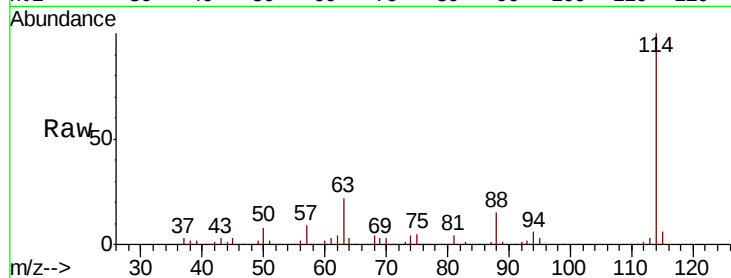




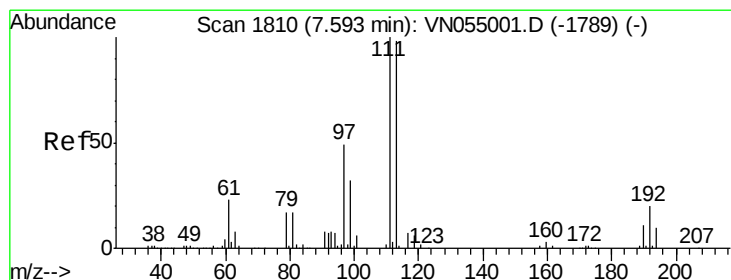
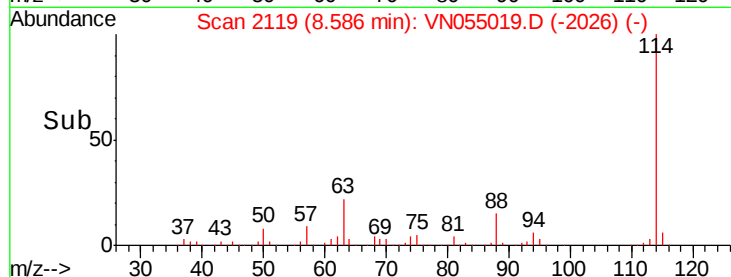
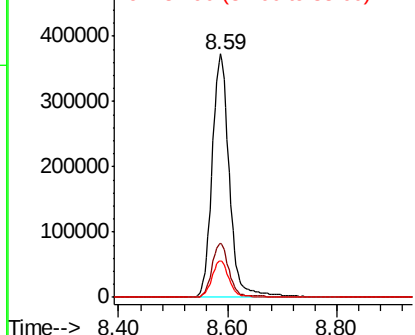
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 818637
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.2
88 15.1 0.0 31.8

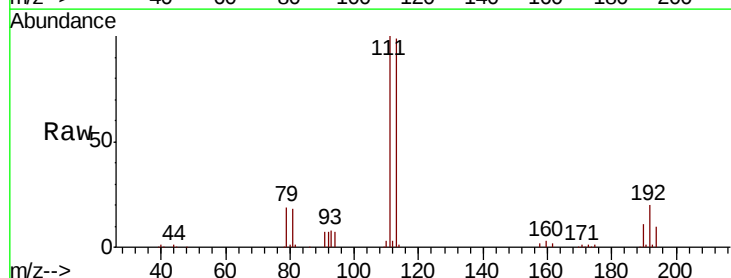


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

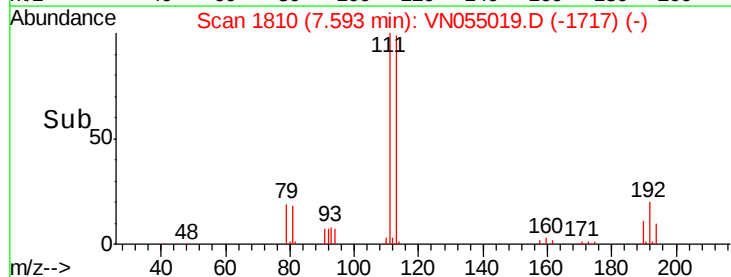
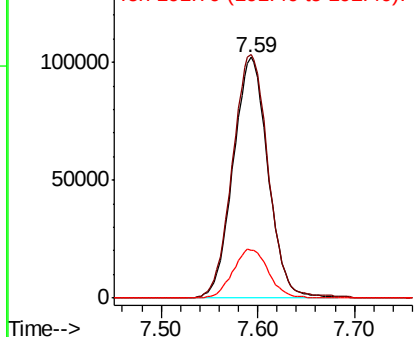


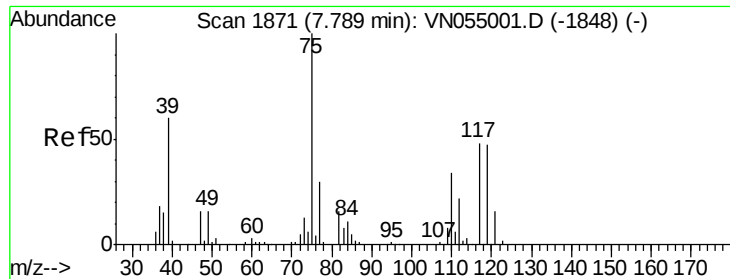
#35
Dibromofluoromethane
Concen: 48.971 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

Tgt Ion:113 Resp: 255561
Ion Ratio Lower Upper
113 100
111 103.1 82.1 123.1
192 20.7 16.5 24.7



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

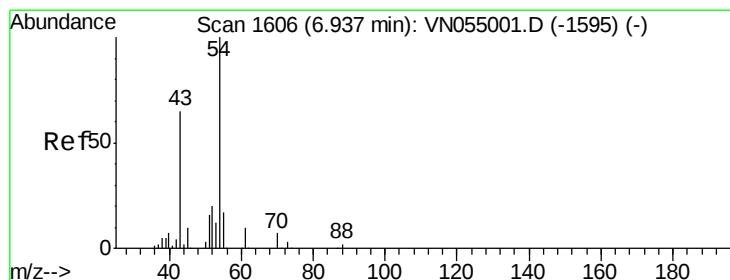
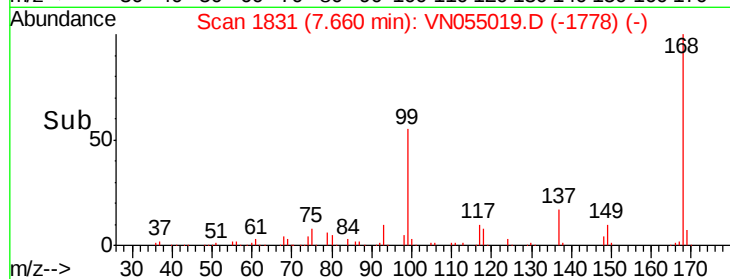
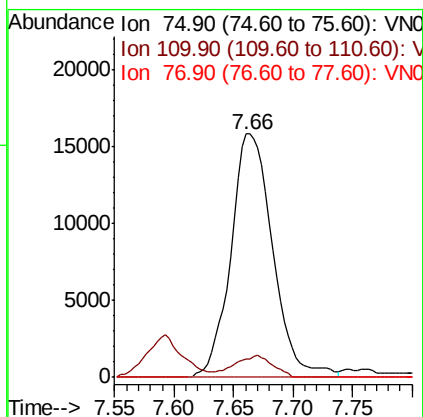
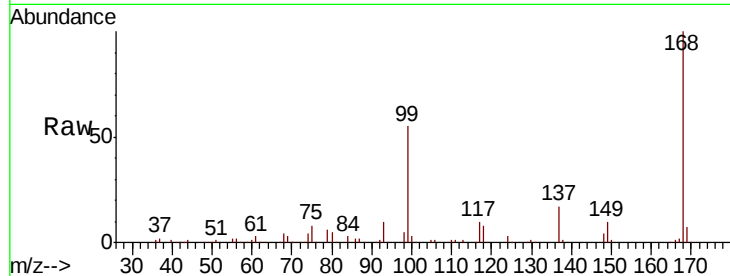




#36
 1,1-Dichloropropene
 Concen: 5.108 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN055019.D
 Acq: 13 Apr 2019 00:11

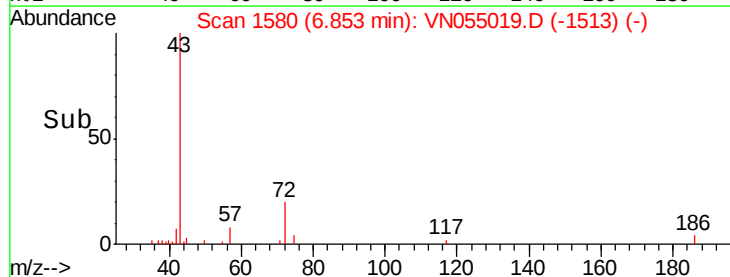
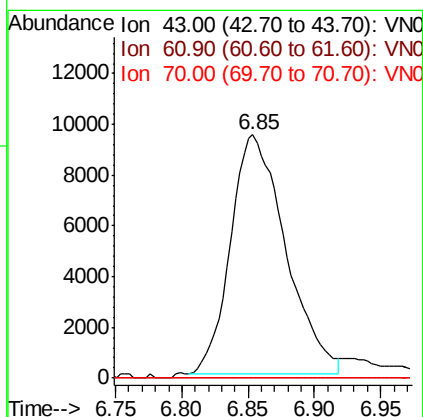
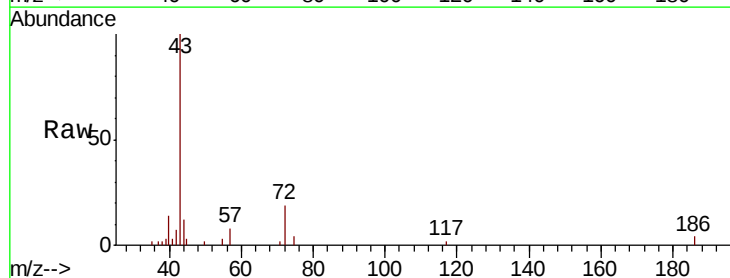
Instrument :
 MSVOA_N
 ClientSampleId :

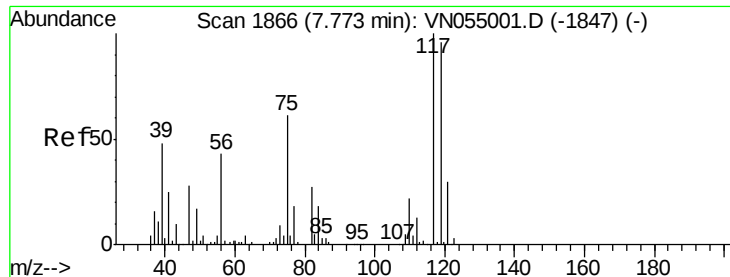
Tot Ion	75	Resp	38645
Ion Ratio	100	Lower	Upper
75	100		
110	8.1	17.5	52.5#
77	0.0	24.9	37.3#



#37
 Ethyl Acetate
 Concen: 4.781 ug/l
 RT: 6.85 min Scan# 1580
 Delta R.T. -0.08 min
 Lab File: VN055019.D
 Acq: 13 Apr 2019 00:11

Tgt Ion	43	Resp	27156
Ion Ratio	100	Lower	Upper
43	100		
61	0.0	10.0	15.0#
70	0.0	7.1	10.7#





#38

Carbon Tetrachloride

Concen: 6.565 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_N

ClientSampled :

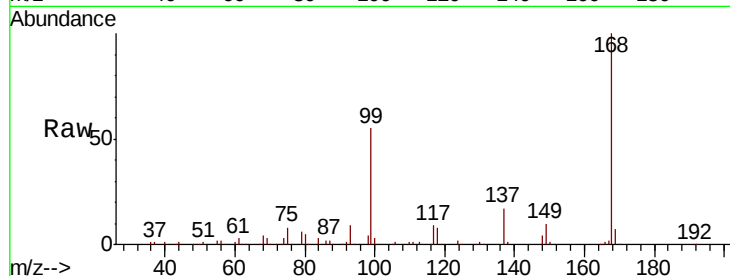
Tot Ion:117 Resp: 46751

Ion Ratio Lower Upper

117 100

119 4.8 76.3 114.5#

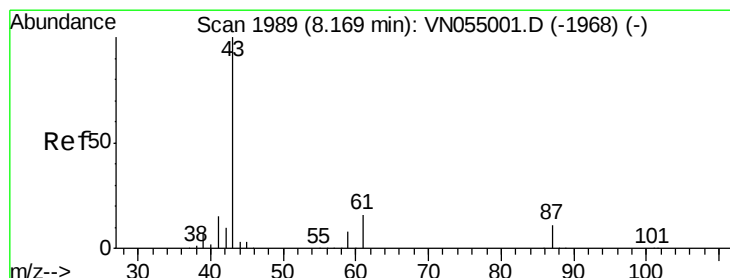
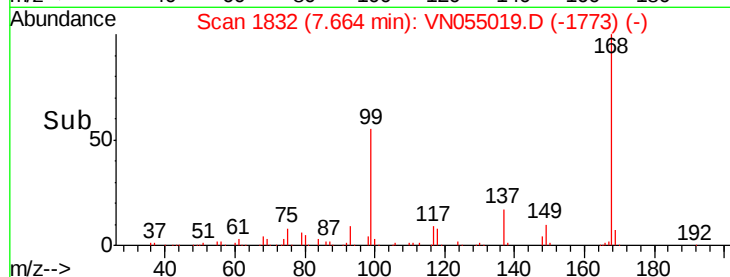
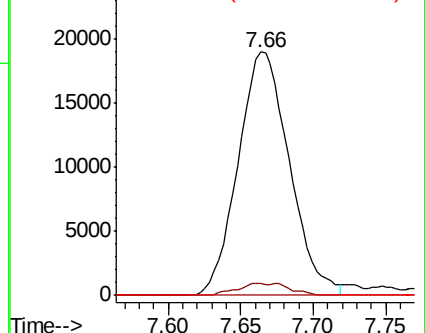
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.053 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

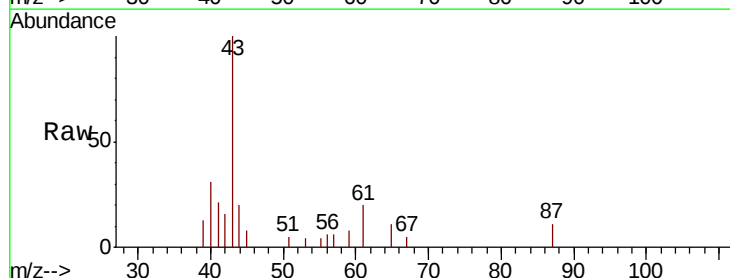
Tgt Ion: 43 Resp: 10231

Ion Ratio Lower Upper

43 100

61 16.2 14.3 21.5

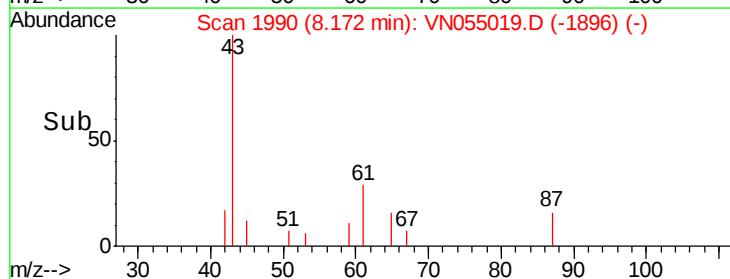
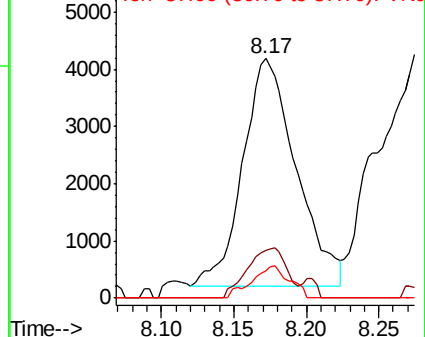
87 9.8 8.6 13.0

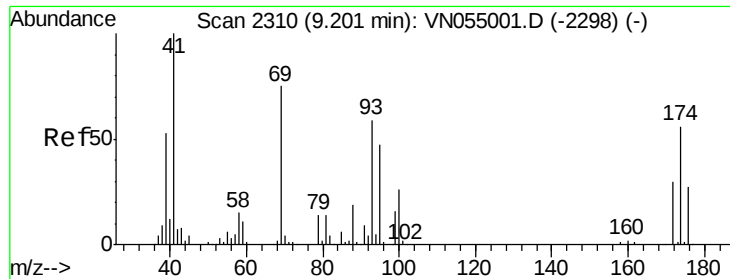


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

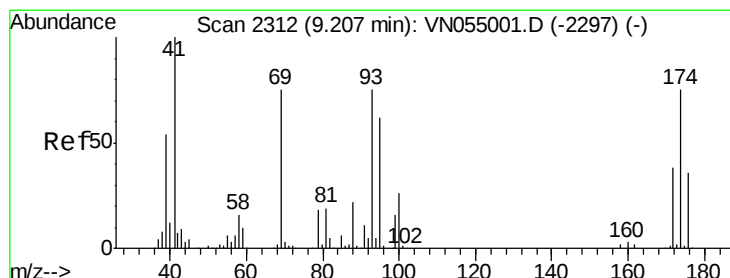
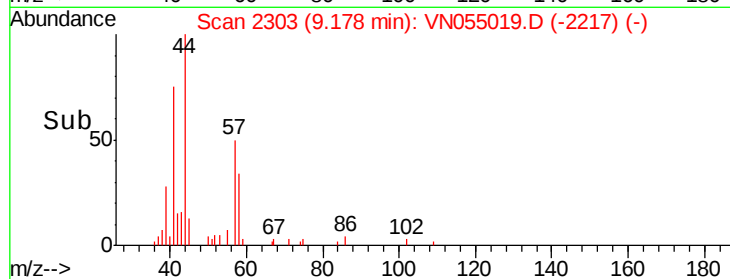
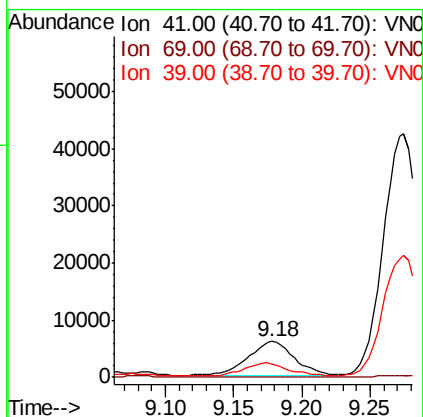
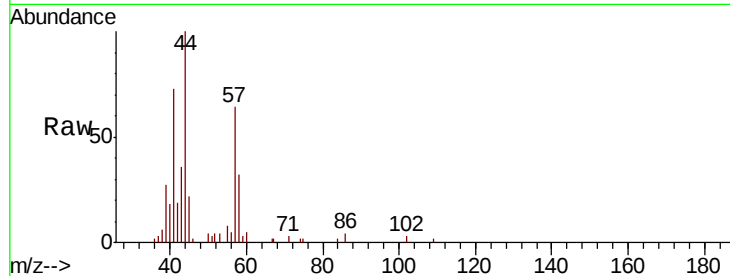




#48
Methyl methacrylate
Concen: 2.783 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

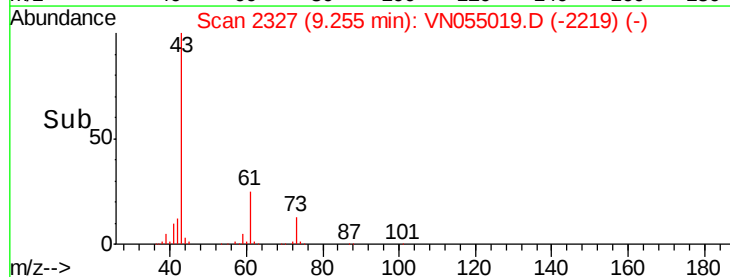
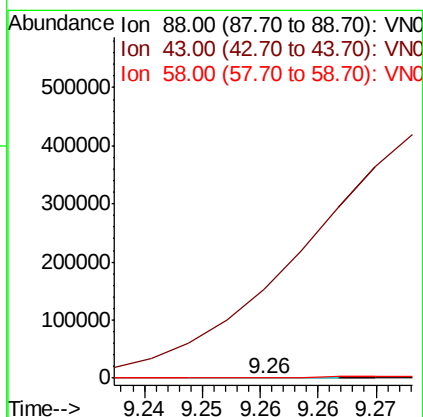
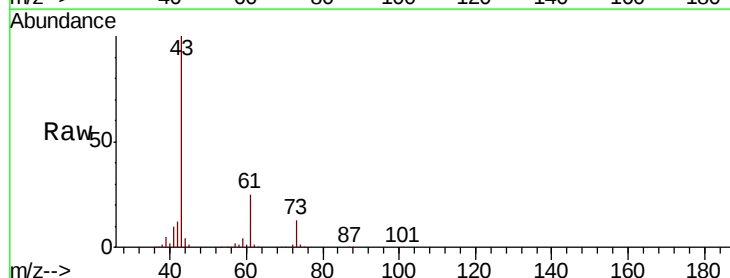
Instrument :
MSVOA_N
ClientSampled :

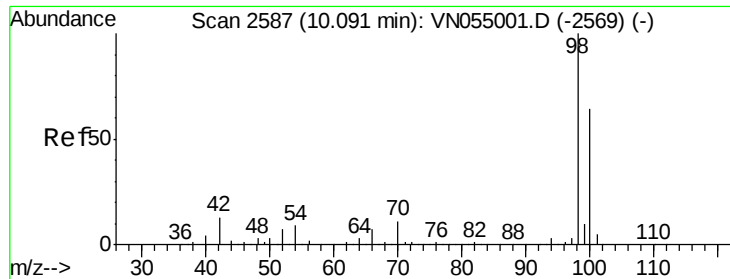
Tot Ion: 41 Resp: 13925
Ion Ratio Lower Upper
41 100
69 0.0 60.5 90.7#
39 35.7 43.9 65.9#



#49
1,4-Dioxane
Concen: 0.595 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.05 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 2722531.3 31.8 47.8#
58 11393.8 61.6 92.4#





#50

Toluene-d8

Concen: 49.811 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_N

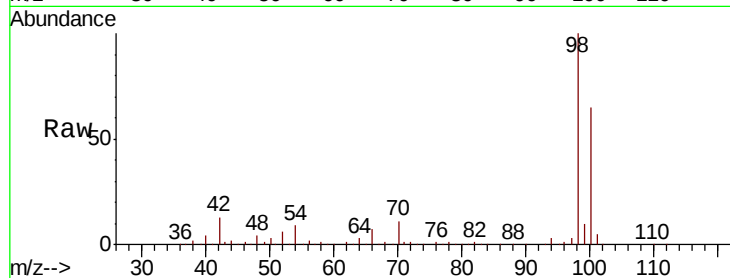
ClientSampled :

Tot Ion: 98 Resp: 954744

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055001.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN055001.D (-2569) (-)

10.09

500000

400000

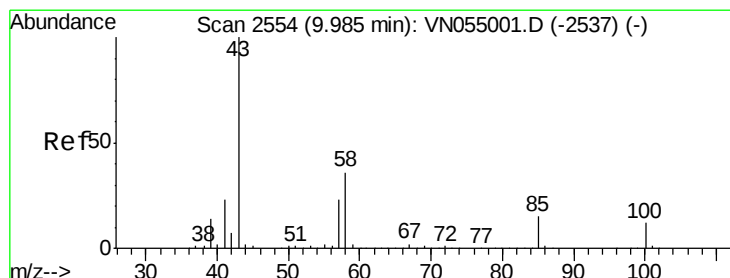
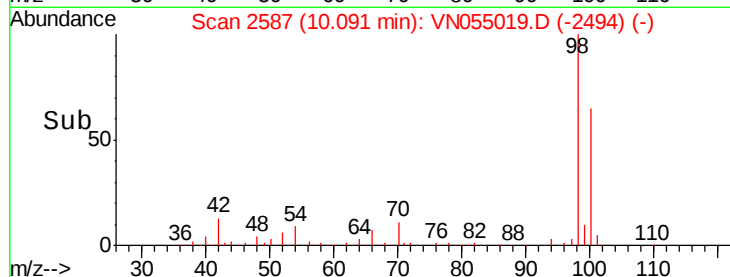
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.664 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN055019.D

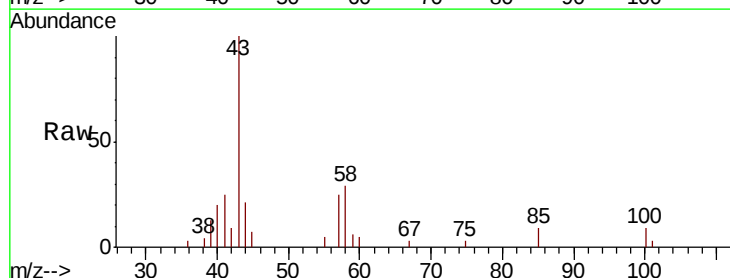
Acq: 13 Apr 2019 00:11

Tgt Ion: 43 Resp: 9461

Ion Ratio Lower Upper

43 100

58 36.3 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN055001.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055001.D (-2537) (-)

9.99

12000

10000

8000

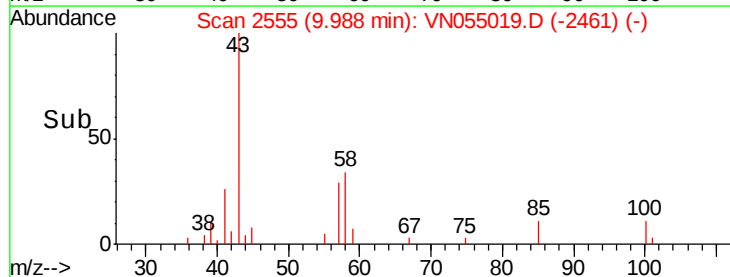
6000

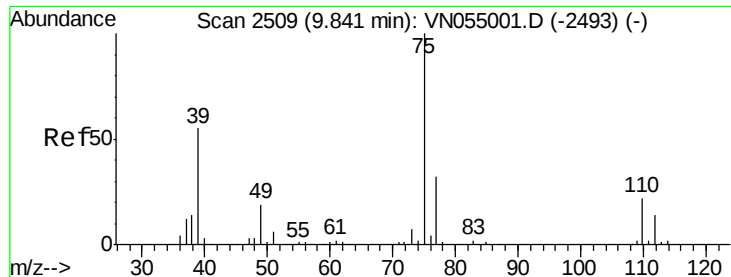
4000

2000

0

Time-->



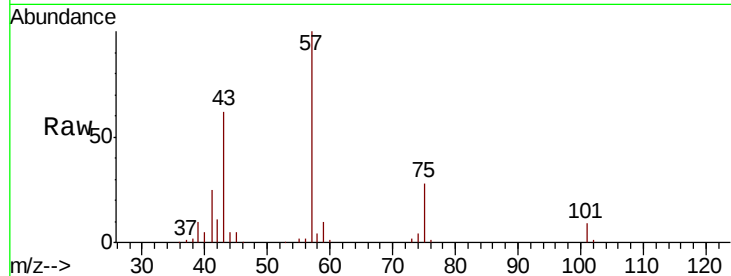


#54

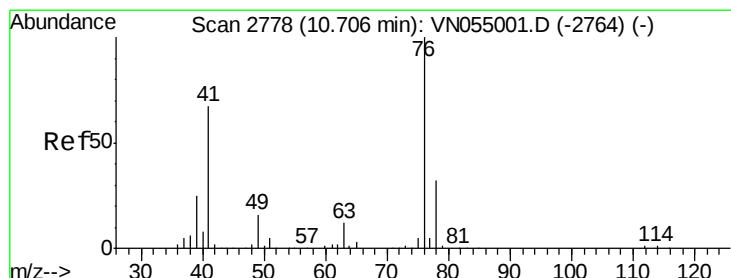
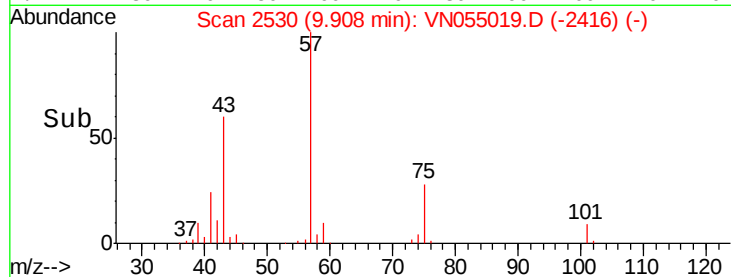
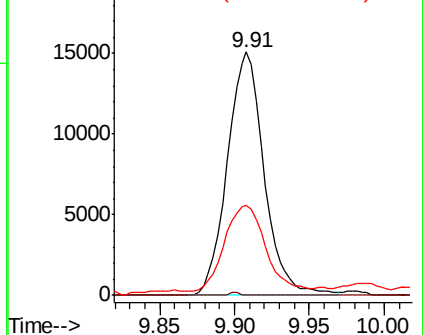
cis-1,3-Dichloropropene
 Concen: 3.077 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN055019.D
 Acq: 13 Apr 2019 00:11

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 25818
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.8 38.6#
 39 35.5 43.8 65.8#



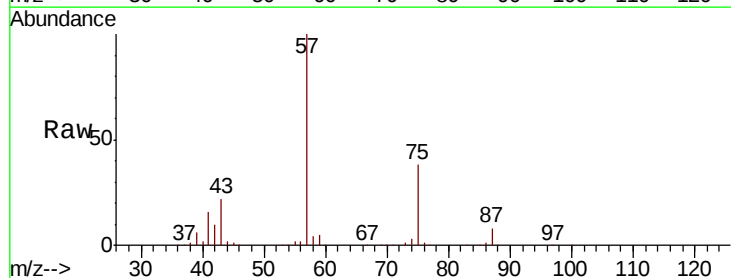
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



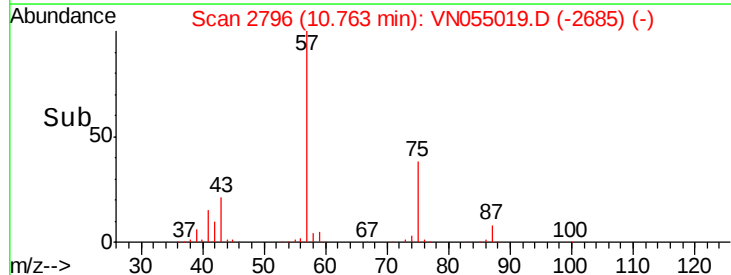
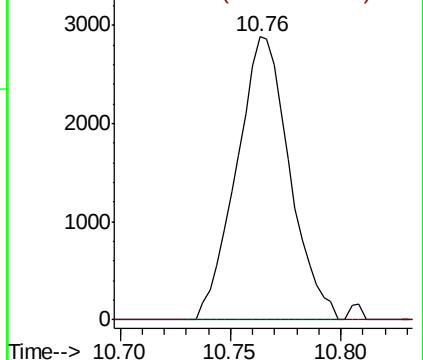
#57

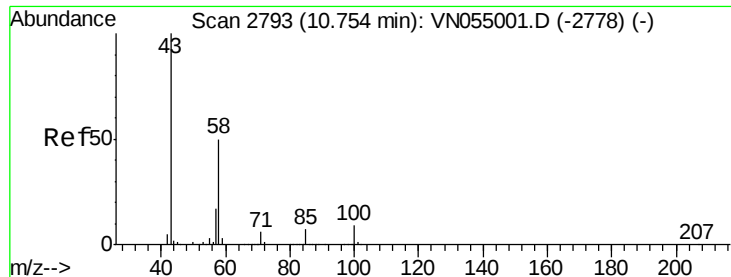
1,3-Dichloropropane
 Concen: 0.555 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055019.D
 Acq: 13 Apr 2019 00:11

Tgt Ion: 76 Resp: 4825
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

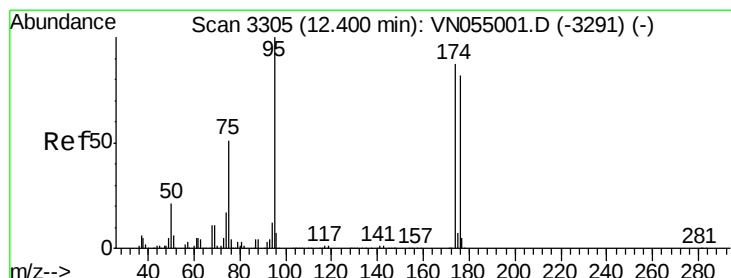
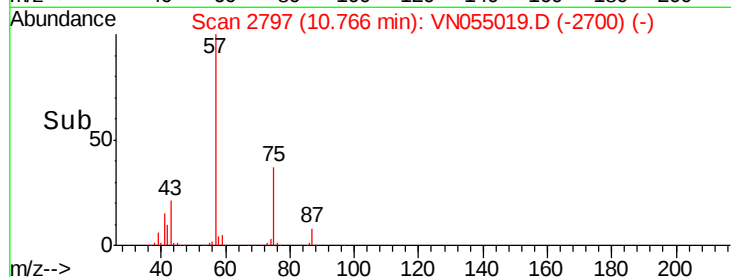
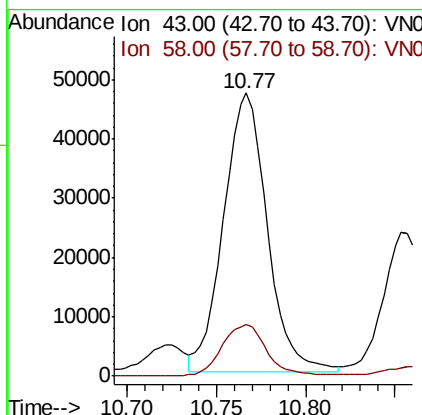
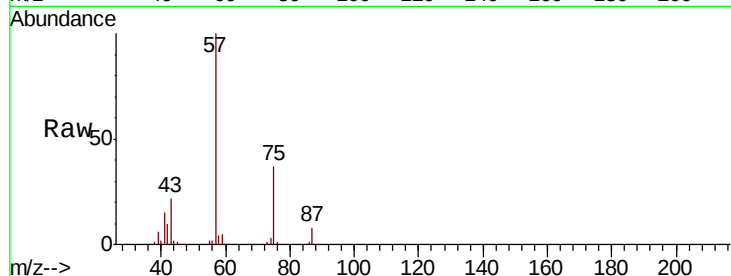




#59
2-Hexanone
Concen: 22.629 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

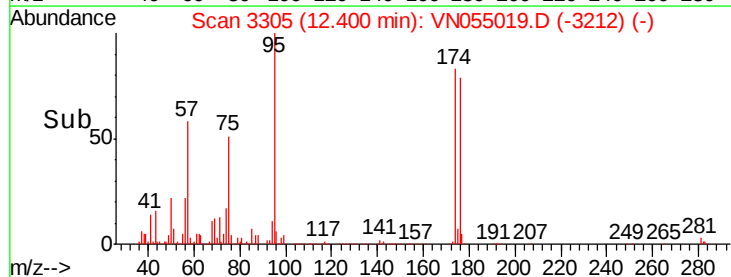
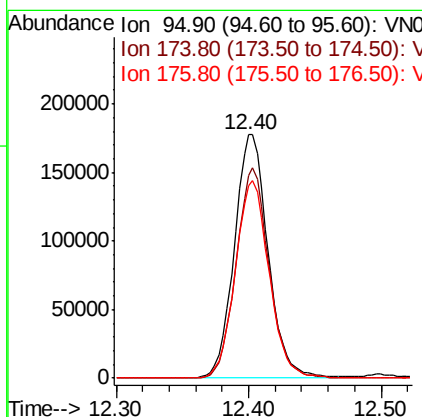
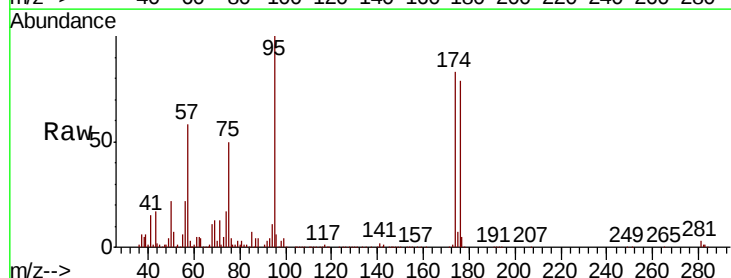
Instrument :
MSVOA_N
ClientSampled :

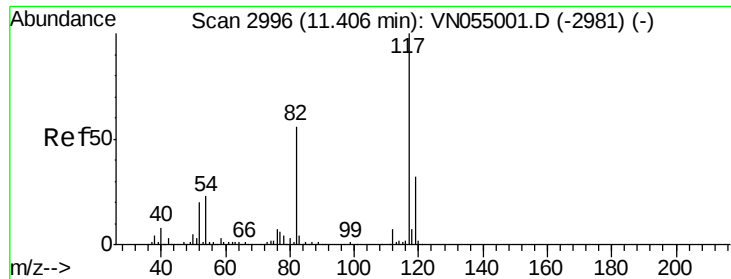
Tot Ion: 43 Resp: 80414
Ion Ratio Lower Upper
43 100
58 19.1 25.1 75.2#



#62
4-Bromofluorobenzene
Concen: 48.285 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

Tgt Ion: 95 Resp: 311749
Ion Ratio Lower Upper
95 100
174 85.0 0.0 174.4
176 81.6 0.0 166.8

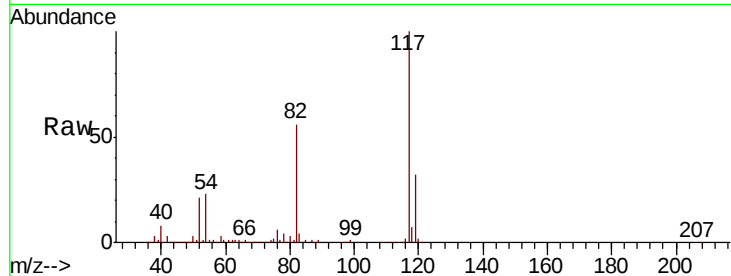




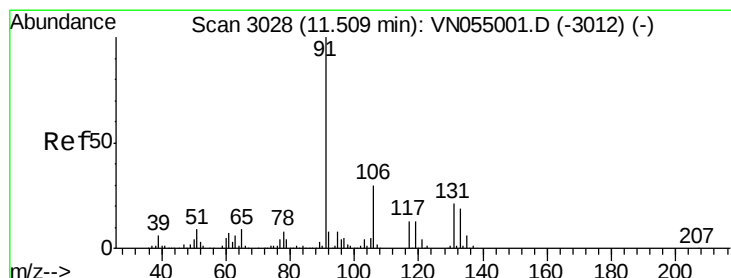
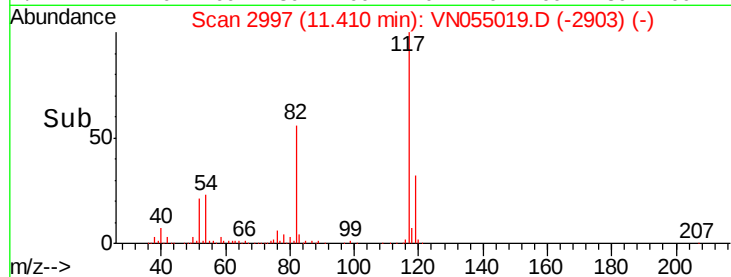
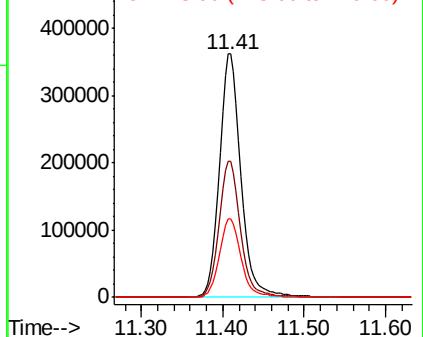
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 677990
Ion Ratio Lower Upper
117 100
82 55.7 44.6 66.8
119 32.3 25.5 38.3

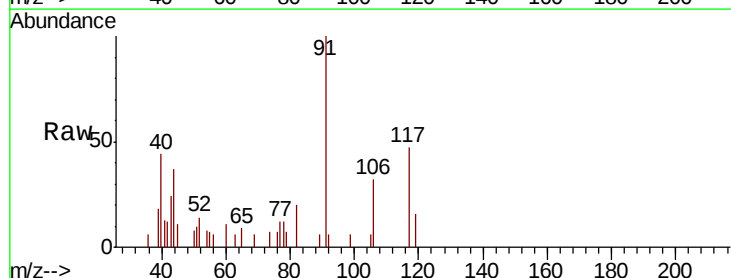


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

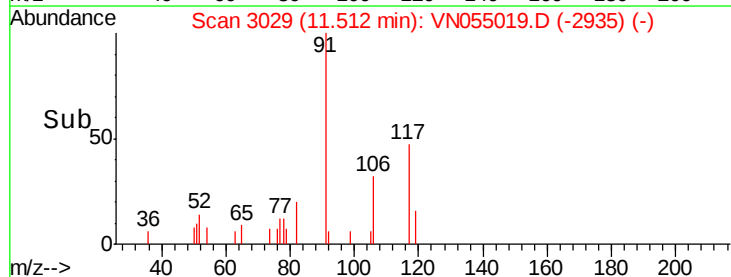
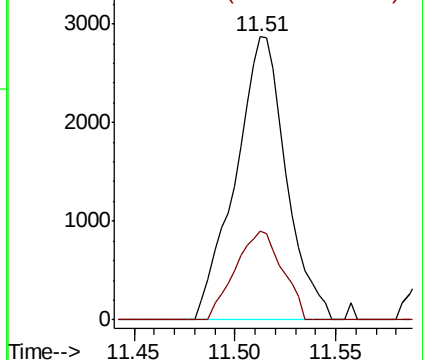


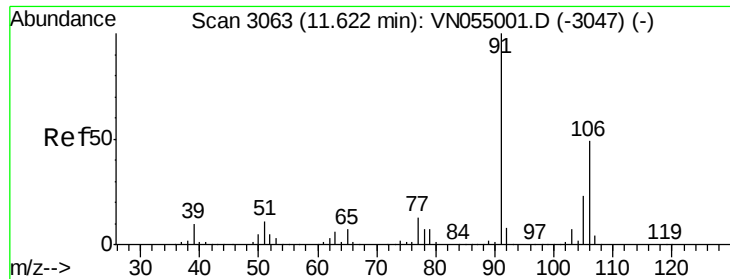
#67
Ethyl Benzene
Concen: 0.210 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

Tgt Ion: 91 Resp: 5038
Ion Ratio Lower Upper
91 100
106 31.5 24.3 36.5



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

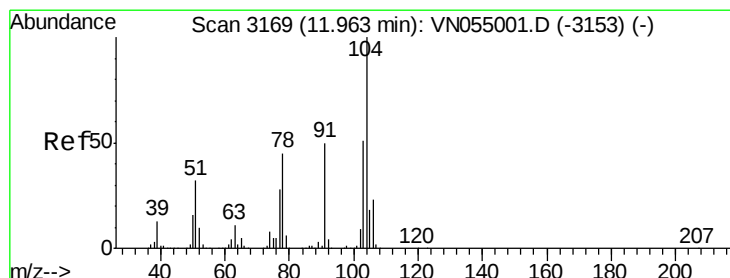
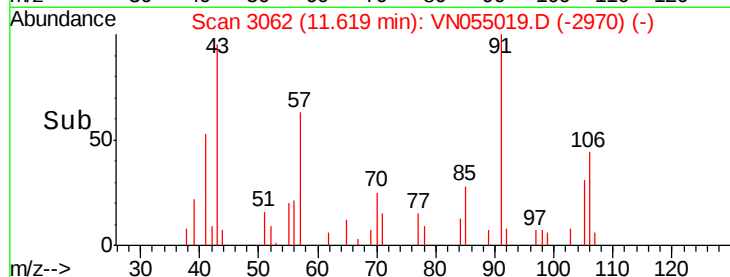
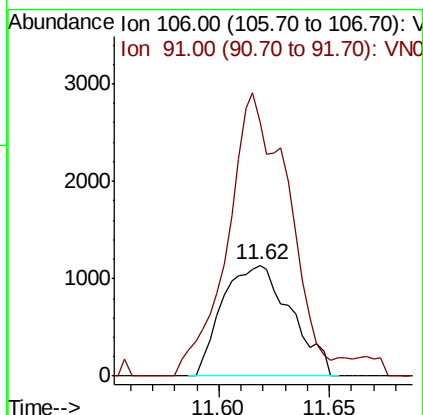
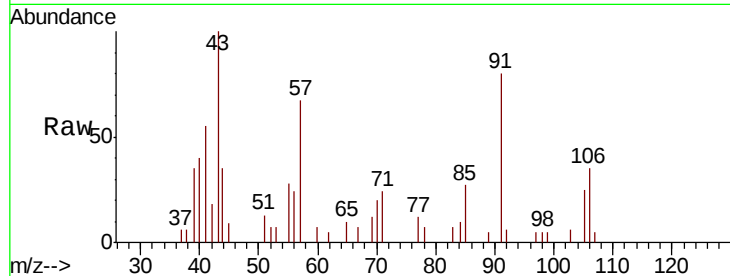




#68
m/p-Xvlenes
Concen: 0.278 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

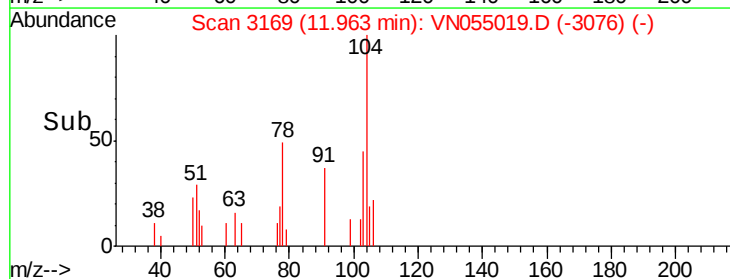
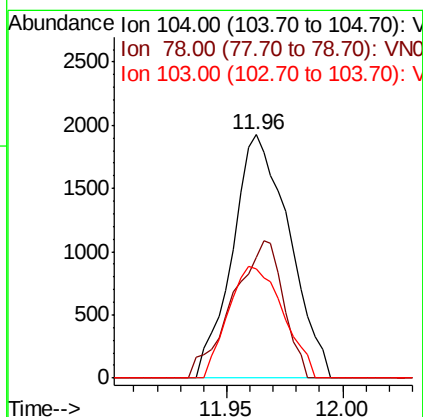
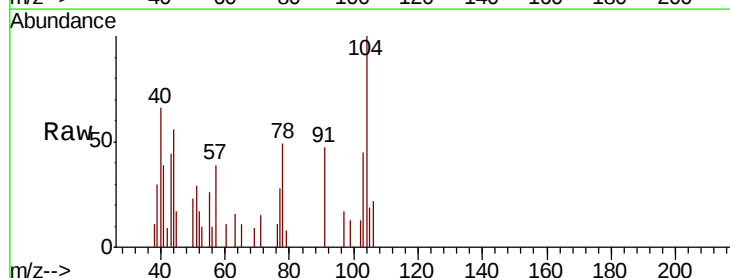
Instrument :
MSVOA_N
ClientSampled :

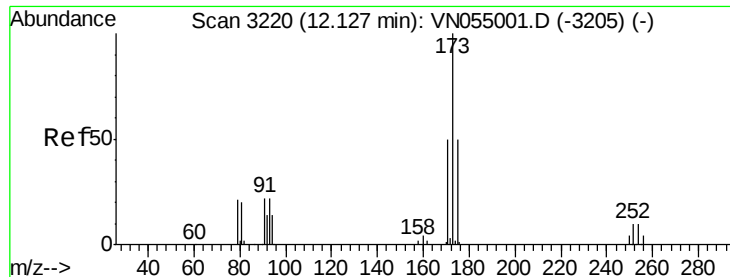
Tot Ion:106 Resp: 2443
Ion Ratio Lower Upper
106 100
91 228.0 165.9 248.9



#70
Styrene
Concen: 0.237 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

Tgt Ion:104 Resp: 3267
Ion Ratio Lower Upper
104 100
78 50.6 40.3 60.5
103 44.4 44.3 66.5

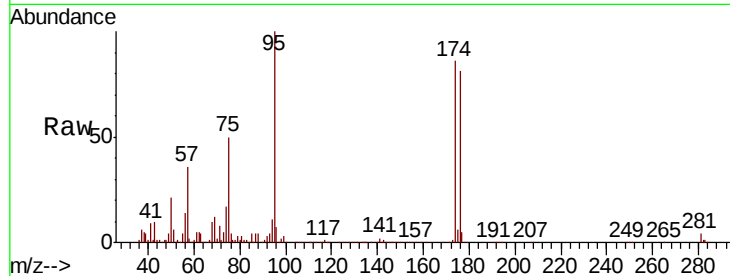




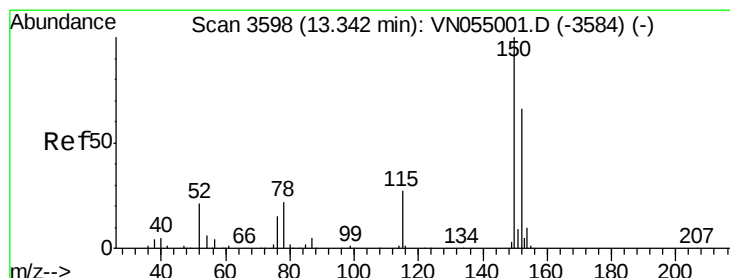
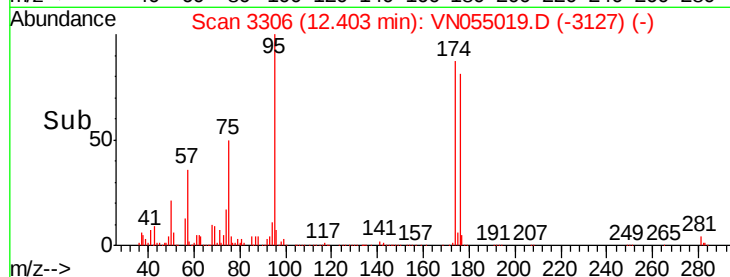
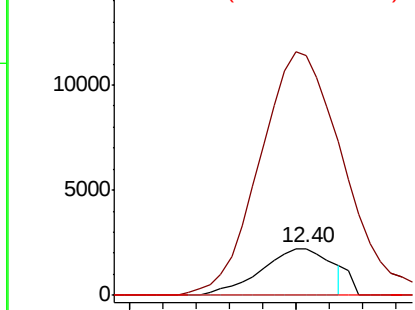
#71
Bromoform
Concen: 3.516 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 3244
Ion Ratio Lower Upper
173 100
175 528.0 24.3 73.0#
254 0.0 0.1 0.1#

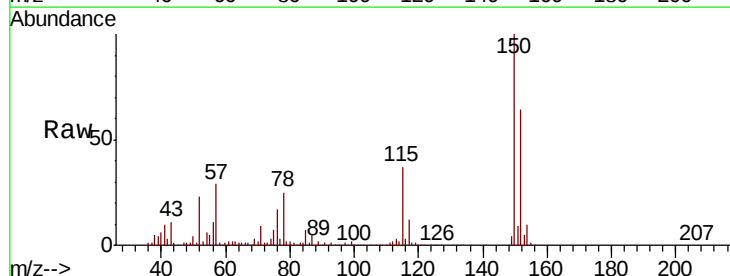


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

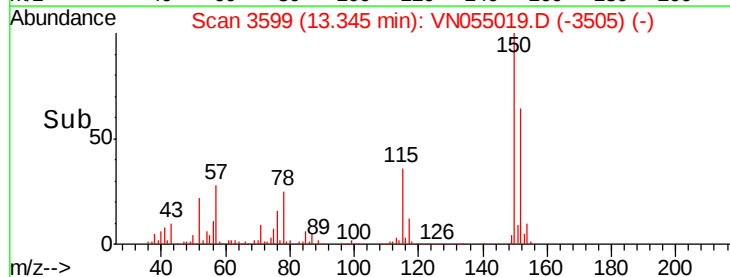
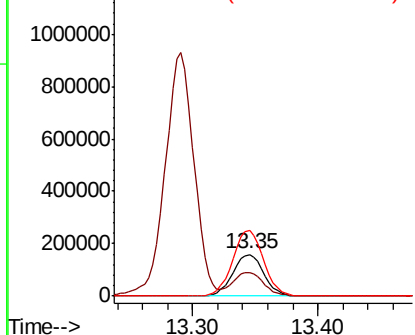


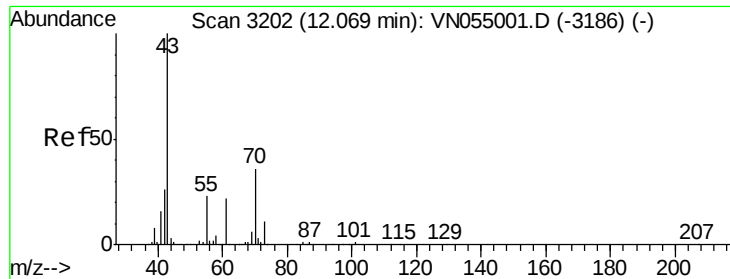
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

Tgt Ion:152 Resp: 271797
Ion Ratio Lower Upper
152 100
115 56.1 28.5 85.6
150 158.1 0.0 347.2



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





#74

N-amvl acetate

Concen: 1.404 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 9778

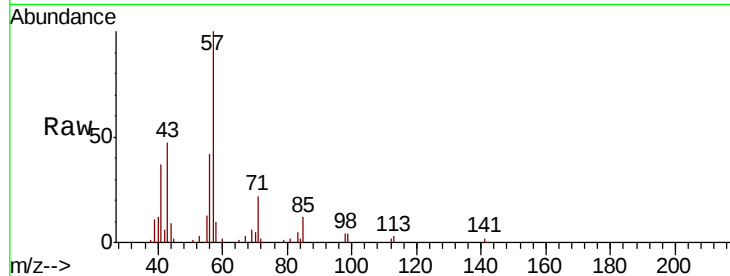
Ion Ratio Lower Upper

43 100

70 0.0 29.4 44.0#

55 32.2 19.0 28.4#

61 0.0 17.7 26.5#

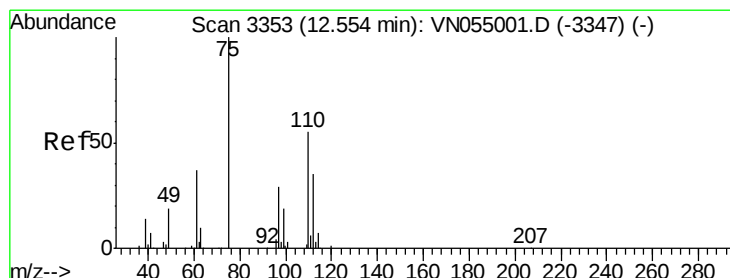
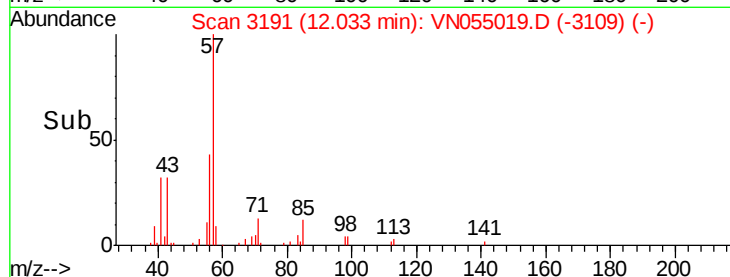
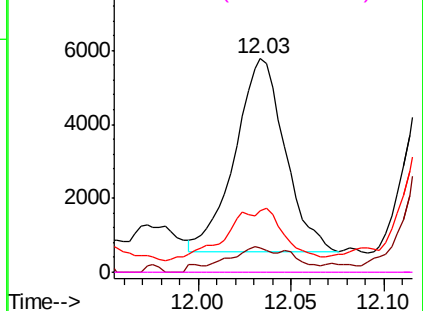


Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 70.00 (69.70 to 70.70): VNC

Ion 55.00 (54.70 to 55.70): VNC

Ion 61.00 (60.70 to 61.70): VNC



#76

1,2,3-Trichloropropane

Concen: 31.708 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055019.D

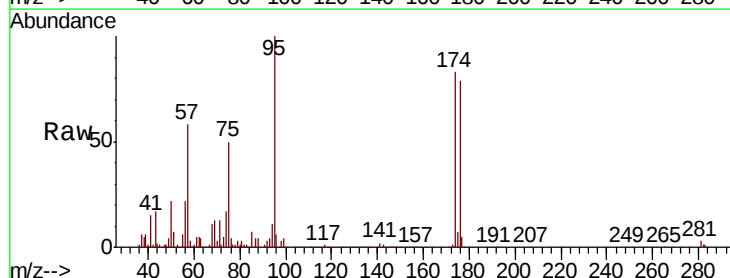
Acq: 13 Apr 2019 00:11

Tgt Ion: 75 Resp: 158552

Ion Ratio Lower Upper

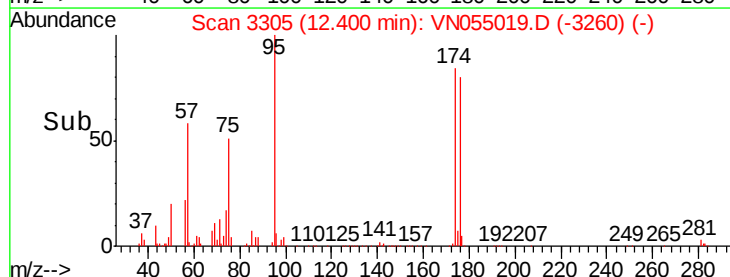
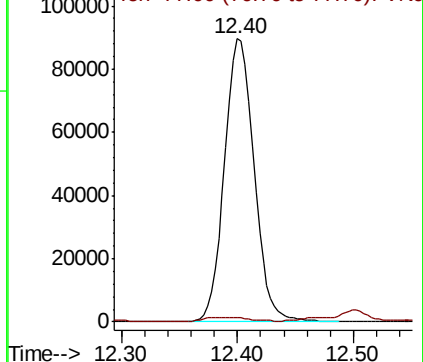
75 100

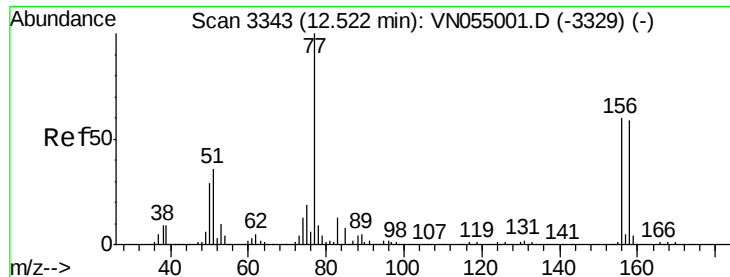
77 2.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3345

Delta R.T. 0.01 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_N

ClientSampled :

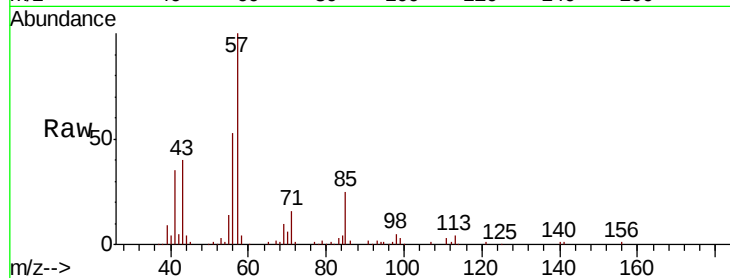
Tot Ion:156 Resp: 112

Ion Ratio Lower Upper

156 100

77 0.0 97.2 291.5#

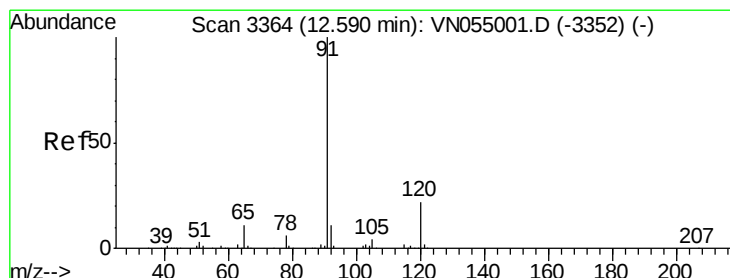
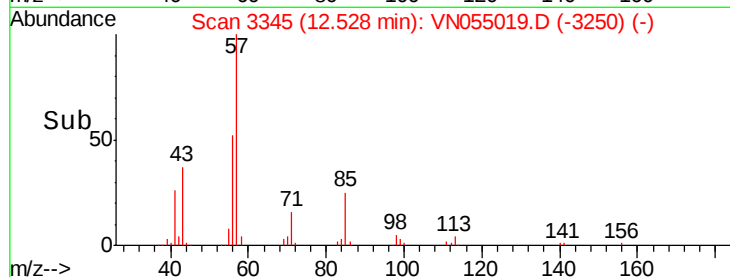
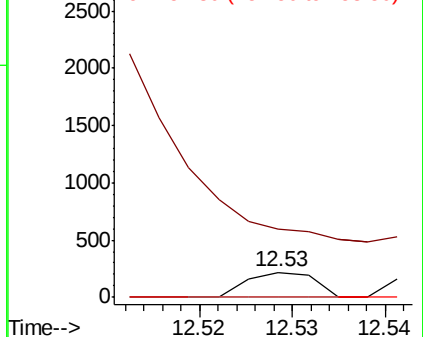
158 0.0 48.6 145.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.203 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055019.D

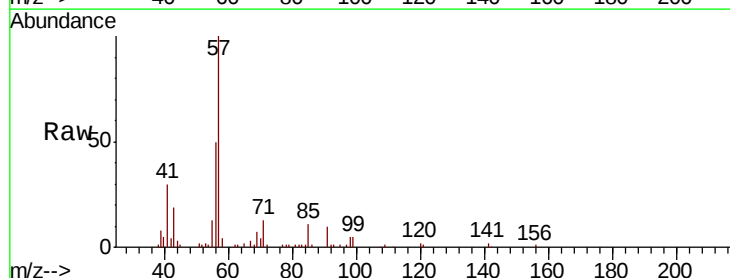
Acq: 13 Apr 2019 00:11

Tgt Ion: 91 Resp: 5122

Ion Ratio Lower Upper

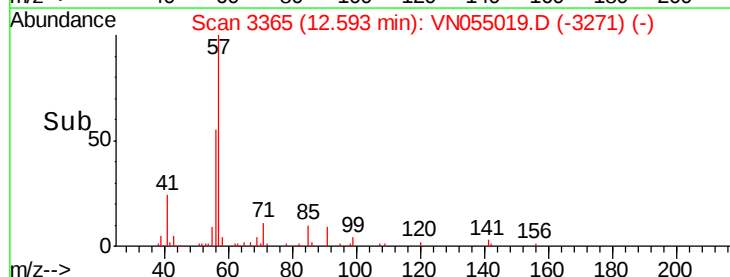
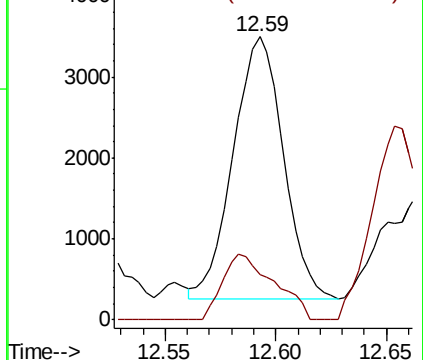
91 100

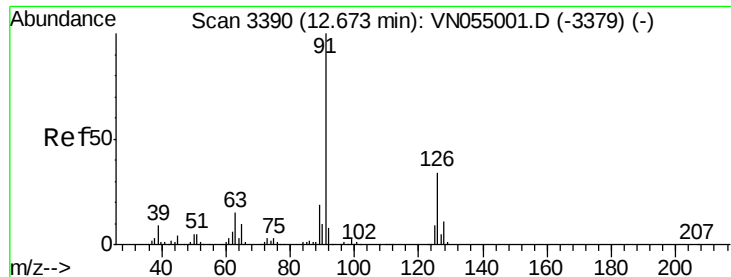
120 25.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.344 ug/l

RT: 12.72 min Scan# 3406

Delta R.T. 0.05 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_N

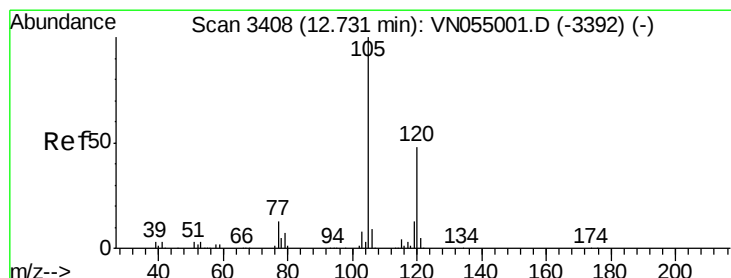
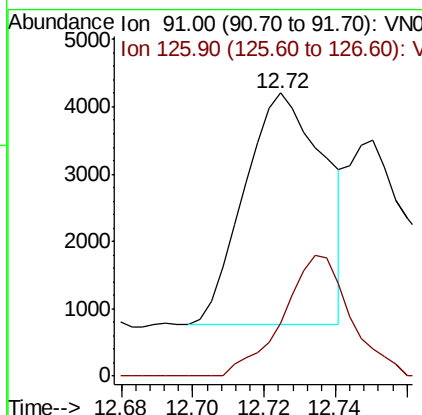
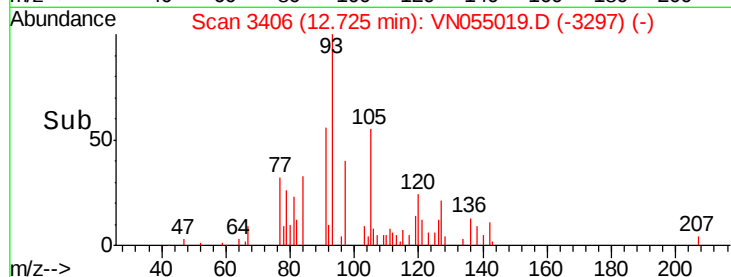
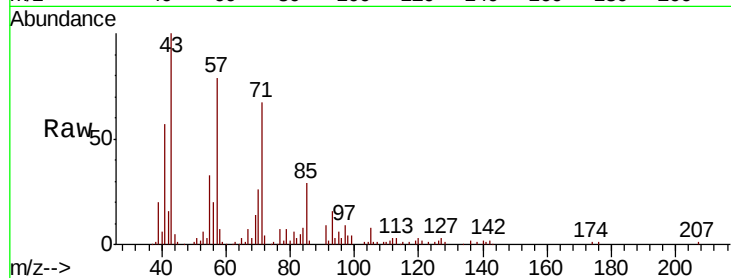
ClientSampleId :

Tot Ion: 91 Resp: 5351

Ion Ratio Lower Upper

91 100

126 43.8 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 0.383 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055019.D

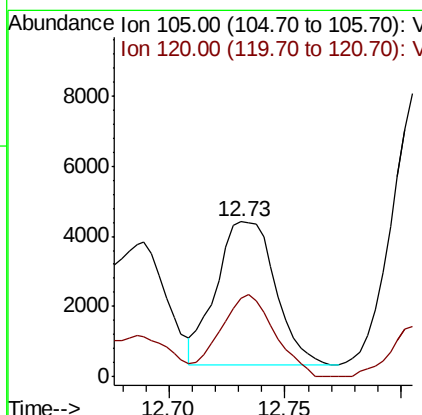
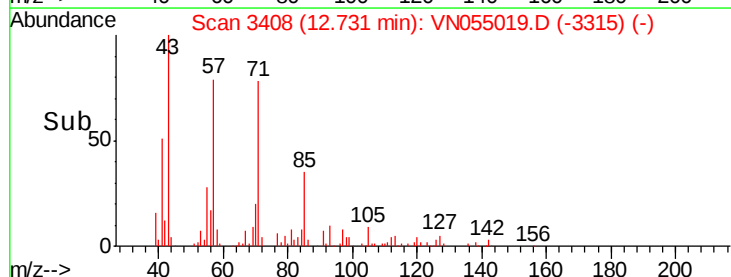
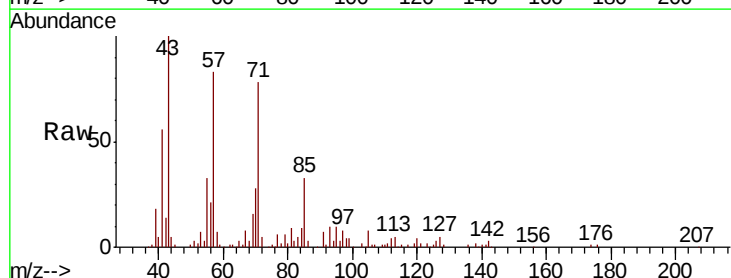
Acq: 13 Apr 2019 00:11

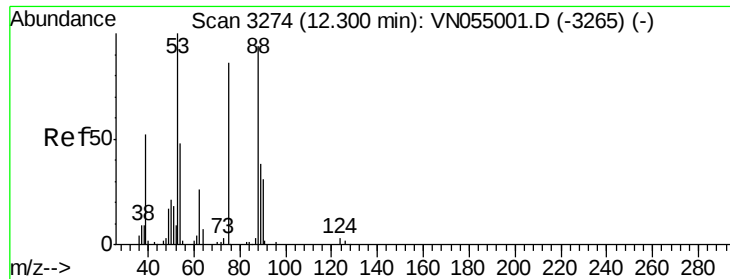
Tgt Ion: 105 Resp: 7206

Ion Ratio Lower Upper

105 100

120 53.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 130.874 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

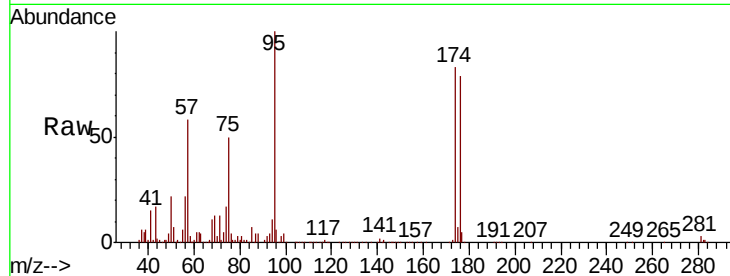
Tot Ion: 75 Resp: 158552

Ion Ratio Lower Upper

75 100

53 8.3 96.3 144.5#

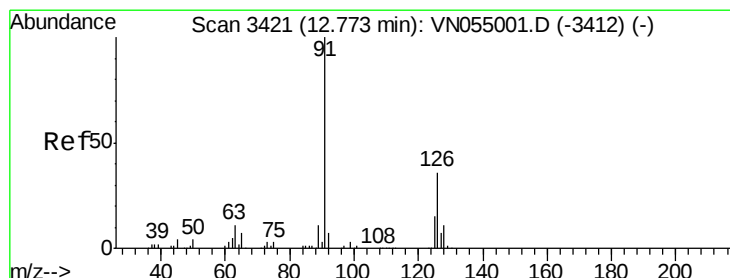
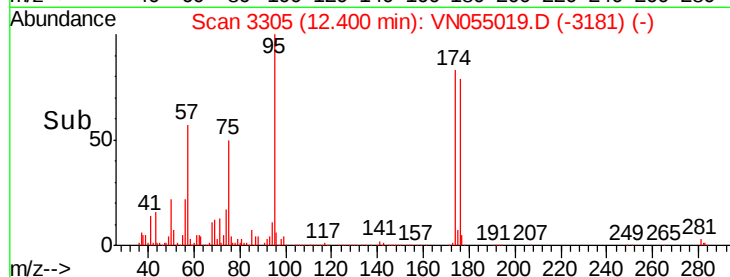
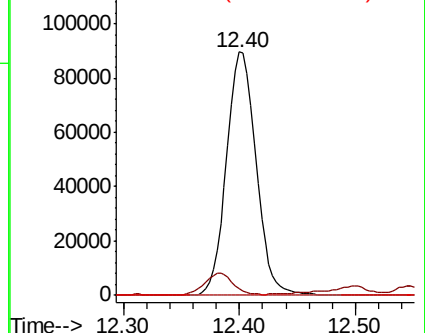
89 0.0 38.6 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.356 ug/l

RT: 12.72 min Scan# 3406

Delta R.T. -0.05 min

Lab File: VN055019.D

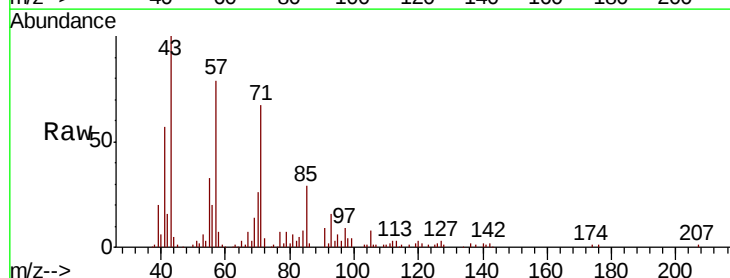
Acq: 13 Apr 2019 00:11

Tgt Ion: 91 Resp: 5351

Ion Ratio Lower Upper

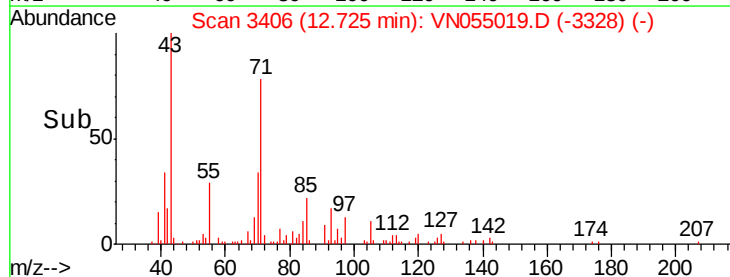
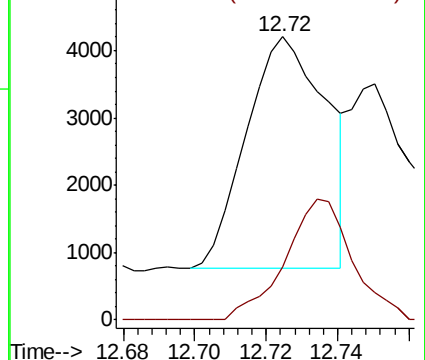
91 100

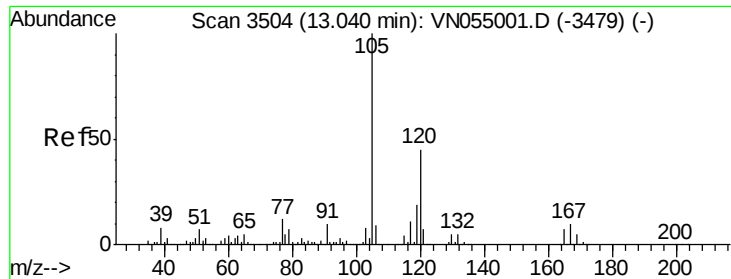
126 43.8 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.822 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_N

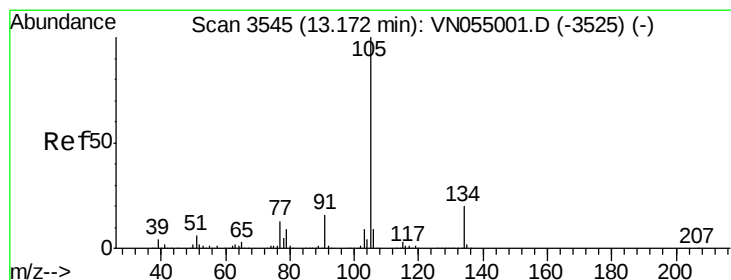
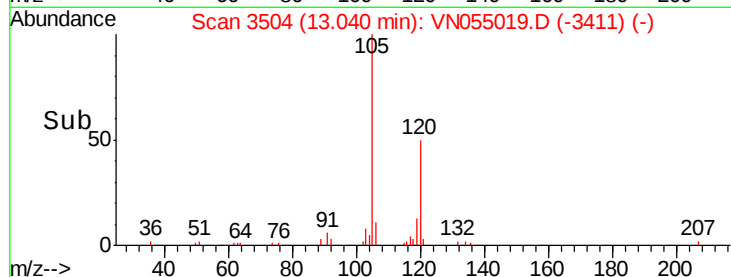
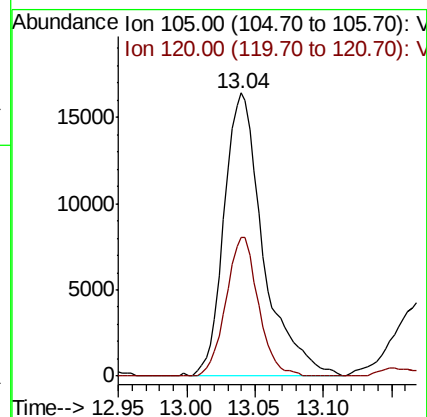
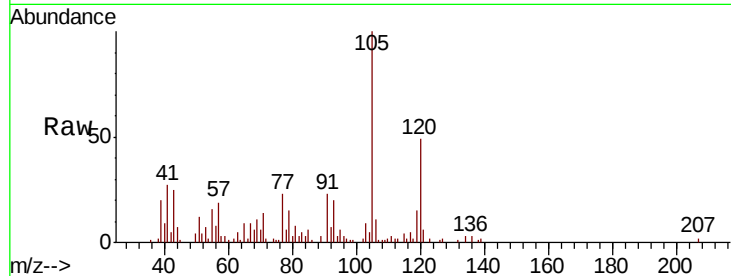
ClientSampled :

Tot Ion:105 Resp: 32868

Ion Ratio Lower Upper

105 100

120 0.0 22.4 67.3#



#85

sec-Butylbenzene

Concen: 39.372 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.12 min

Lab File: VN055019.D

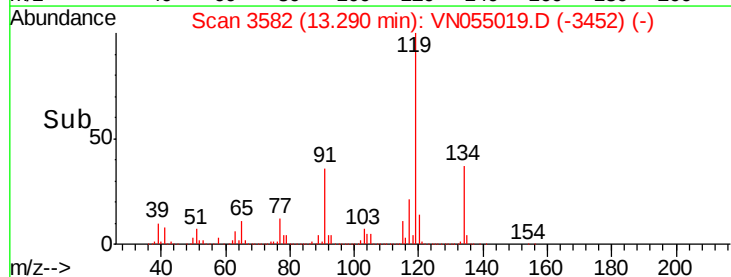
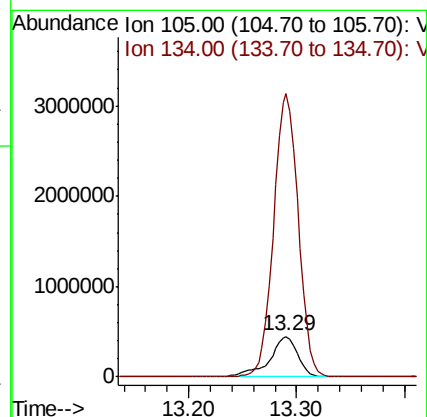
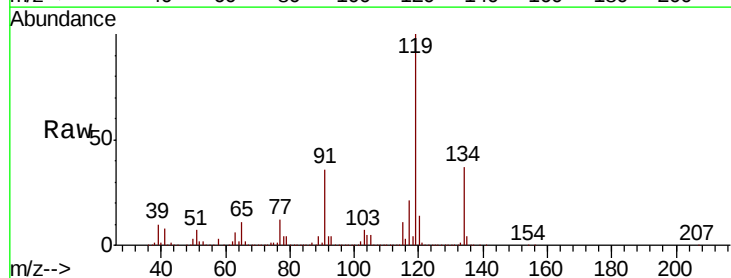
Acq: 13 Apr 2019 00:11

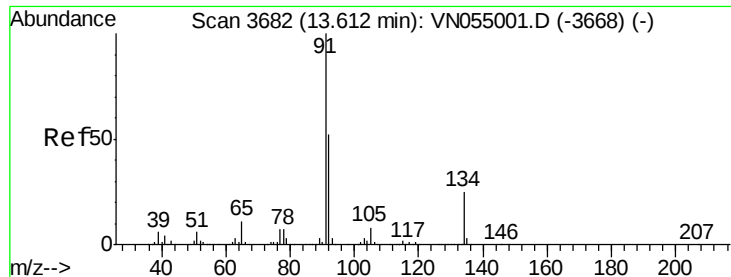
Tgt Ion:105 Resp: 810161

Ion Ratio Lower Upper

105 100

134 612.0 9.8 29.3#

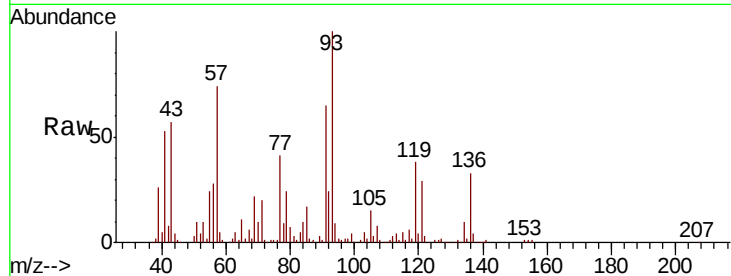




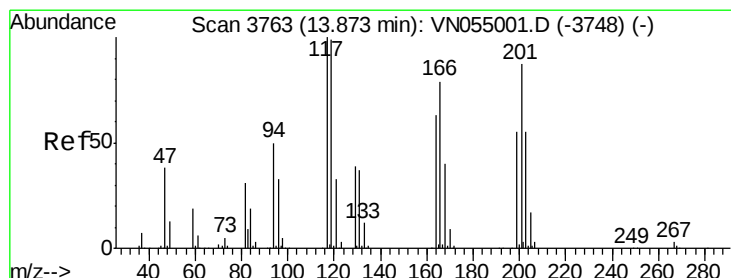
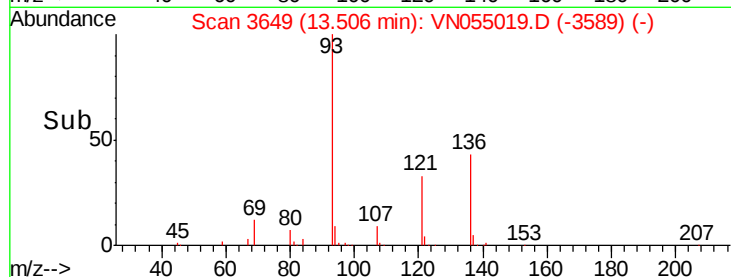
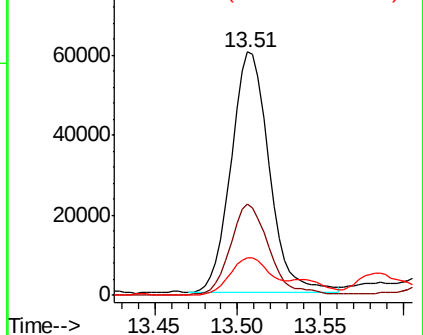
#89
n-Butylbenzene
Concen: 6.875 ug/l
RT: 13.51 min Scan# 3649
Delta R.T. -0.11 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 96638
Ion Ratio Lower Upper
91 100
92 38.8 25.9 77.7
134 17.4 12.8 38.3

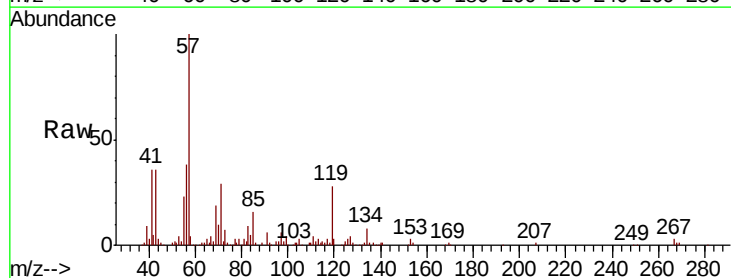


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

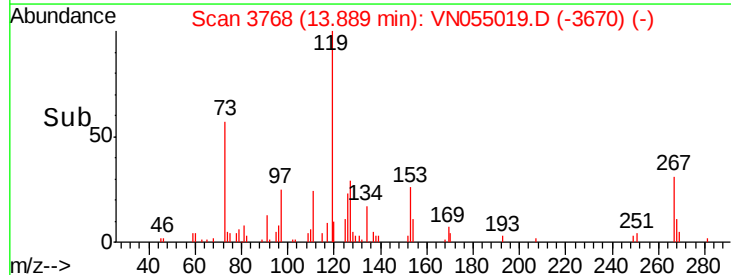
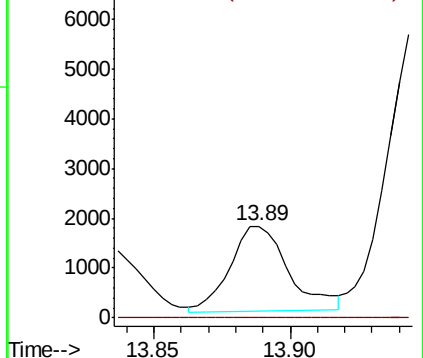


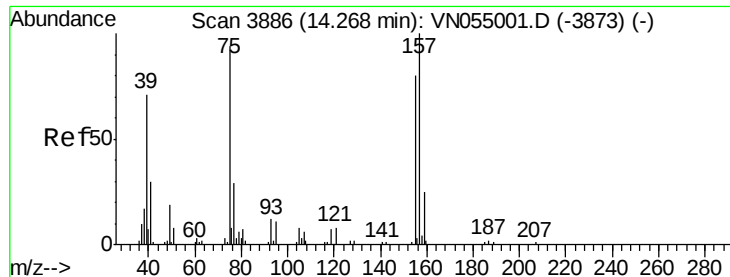
#90
Hexachloroethane
Concen: 0.855 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

Tgt Ion: 117 Resp: 2530
Ion Ratio Lower Upper
117 100
201 0.0 43.4 130.2#



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





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.416 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

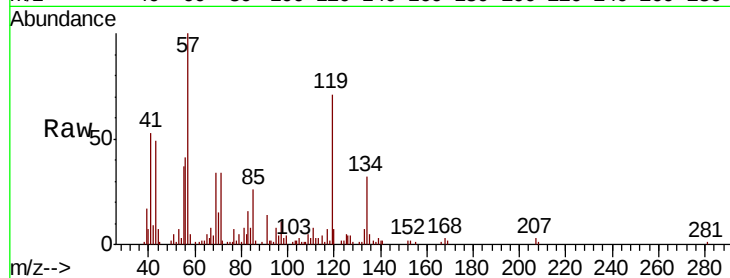
Tot Ion: 75 Resp: 324

Ion Ratio Lower Upper

75 100

155 0.0 42.0 126.0#

157 0.0 52.1 156.4#

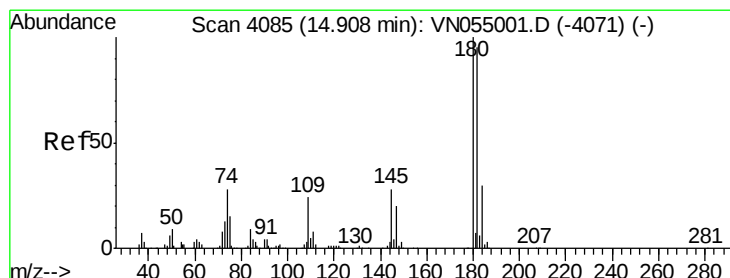
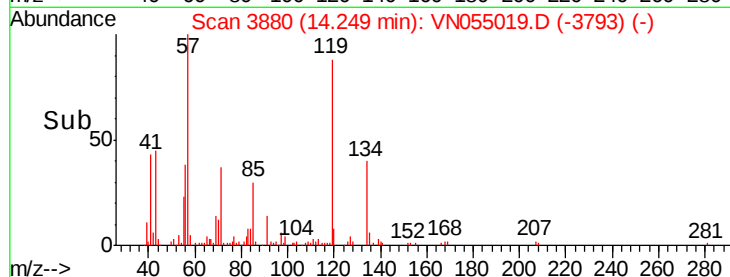


Abundance Ion 74.90 (74.60 to 75.60): VN055001.D (-3873) (-)

Ion 154.80 (154.50 to 155.50): VN055001.D (-3873) (-)

Ion 156.80 (156.50 to 157.50): VN055001.D (-3873) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.656 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

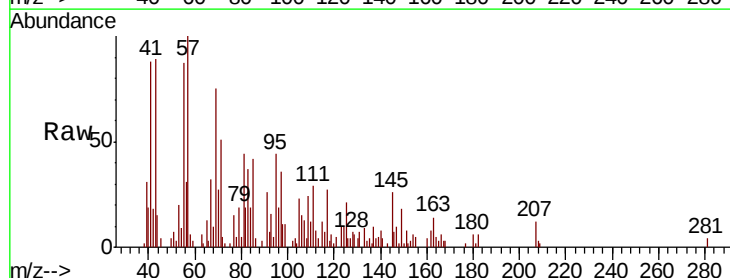
Tgt Ion: 180 Resp: 602

Ion Ratio Lower Upper

180 100

182 209.6 47.5 142.6#

145 0.0 14.2 42.8#

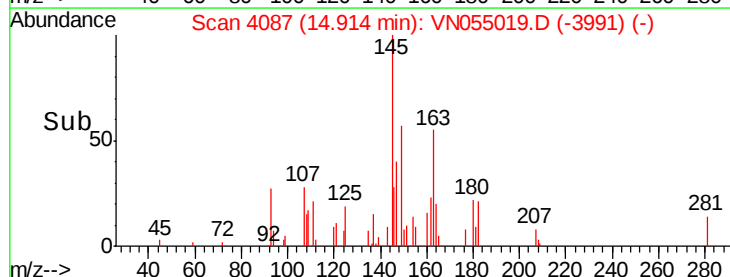


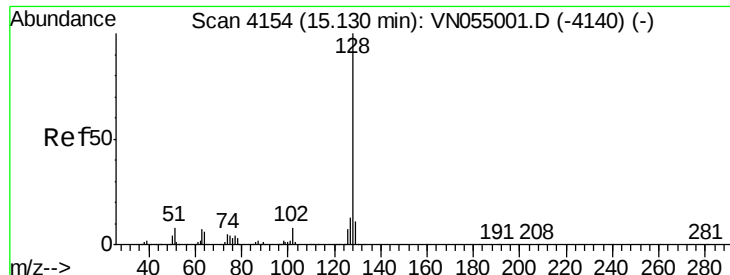
Abundance Ion 179.80 (179.50 to 180.50): VN055001.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN055001.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN055001.D (-4071) (-)

Time-->





#95

Naphthalene

Concen: 5.525 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

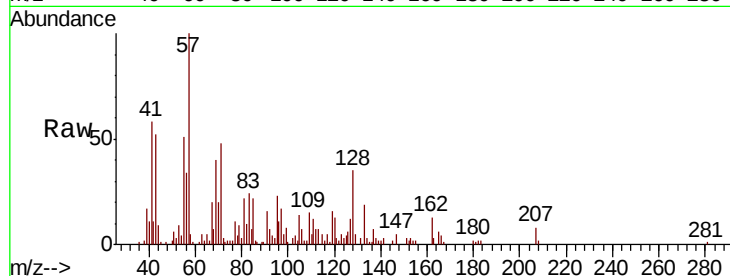
Tot Ion:128 Resp: 9737

Ion Ratio Lower Upper

128 100

127 50.8 10.1 15.1#

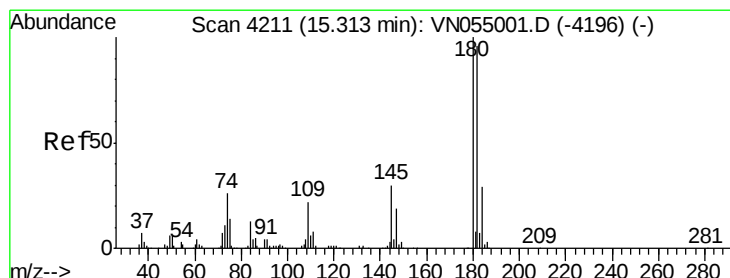
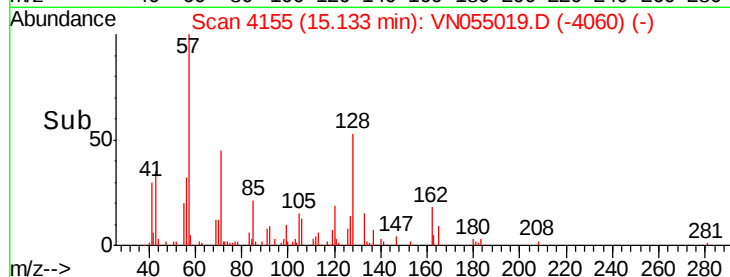
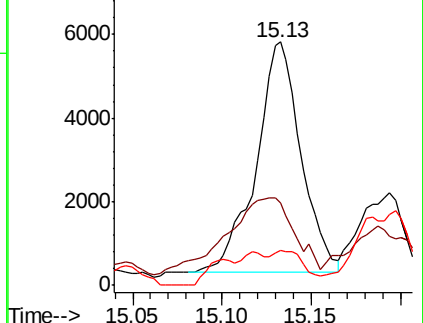
129 1.8 8.8 13.2#



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



#96

1,2,3-Trichlorobenzene

Concen: 0.259 ug/l

RT: 15.33 min Scan# 4216

Delta R.T. 0.02 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

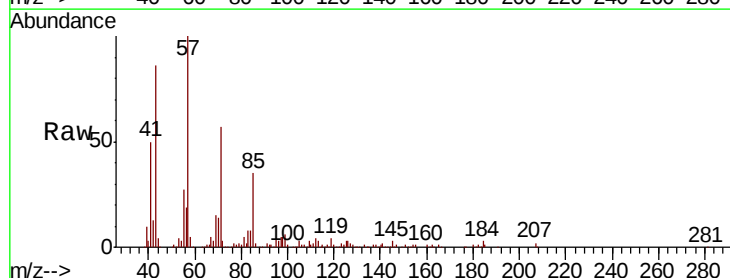
Tgt Ion:180 Resp: 1049

Ion Ratio Lower Upper

180 100

182 62.9 48.0 144.0

145 545.8 15.3 45.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

