

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055124.D
 Acq On : 18 Apr 2019 16:36
 Operator : JC/SP
 Sample : K2193-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 19 01:30:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	553619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	873958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	718000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	241805	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	353526	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	
35) Dibromofluoromethane	7.59	113	278101	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
50) Toluene-d8	10.09	98	1023953	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.40	95	302588	44.52	ug/l	0.00
Spiked Amount			Recovery	=	89.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	27606	2.567	ug/l #	26
16) Acetone	3.82	43	15000	7.510	ug/l	93
18) Methyl Acetate	4.34	43	5210	0.472	ug/l #	64
20) Methylene Chloride	4.55	84	591989	84.312	ug/l	97
25) 2-Butanone	6.86	43	1937	0.650	ug/l #	53
29) Tetrahydrofuran	7.22	42	1266	0.648	ug/l #	45
30) Chloroform	7.38	83	13026	1.139	ug/l	93
31) Cyclohexane	7.67	56	11547	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	41845	5.079	ug/l #	49
38) Carbon Tetrachloride	7.67	117	49830	6.357	ug/l #	16
41) Methacrylonitrile	7.22	41	1532	0.411	ug/l #	42
43) Isopropyl Acetate	8.17	43	17375	1.681	ug/l	95
45) 1,2-Dichloropropane	9.27	63	2057	0.297	ug/l #	44
47) Bromodichloromethane	9.41	83	2601	0.320	ug/l #	90
48) Methyl methacrylate	9.18	41	9006	1.758	ug/l #	17
49) 1,4-Dioxane	9.27	88	181	3.771	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	9954	1.667	ug/l #	39
54) cis-1,3-Dichloropropene	9.90	75	64074	7.269	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	12519	1.342	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	62	10.758	ug/l #	50
59) 2-Hexanone	10.76	43	206520	55.069	ug/l #	54
68) m/p-Xylenes	11.62	106	4625	0.495	ug/l	94
69) o-Xylene	11.95	106	7422	0.820	ug/l	99
71) Bromoform	12.39	173	809	0.266	ug/l #	1
74) N-amyl acetate	11.88	43	19881	3.291	ug/l #	55
76) 1,2,3-Trichloropropane	12.40	75	154305	35.487	ug/l #	100
78) n-propylbenzene	12.59	91	10856	0.468	ug/l	98
79) 2-Chlorotoluene	12.65	91	3471	0.240	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	40485	2.338	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	154305	141.906	ug/l #	2
82) 4-Chlorotoluene	12.73	91	3616	0.268	ug/l #	42
84) 1,2,4-Trimethylbenzene	13.04	105	67888	4.137	ug/l	100
85) sec-Butylbenzene	13.17	105	4047	0.217	ug/l	80
86) p-Isopropyltoluene	13.29	119	4195	0.262	ug/l	86

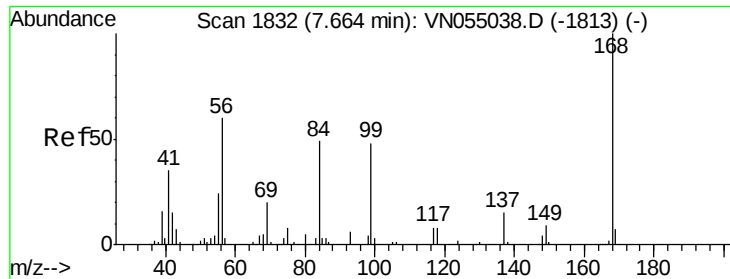
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
Data File : VN055124.D
Acq On : 18 Apr 2019 16:36
Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.61	91	4930	0.415	ug/l #	77
90) Hexachloroethane	13.89	117	2156	0.829	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.91	180	101	2.703	ug/l #	1
95) Naphthalene	15.13	128	7332	3.873	ug/l #	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

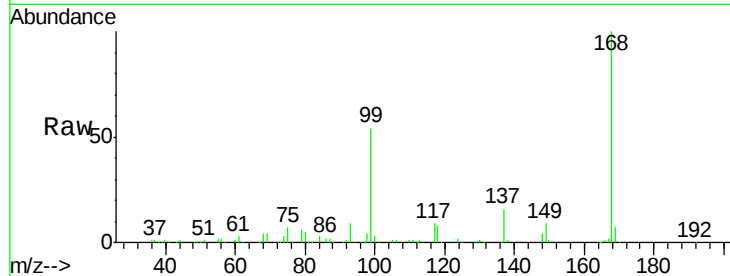
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 553619

Ion Ratio Lower Upper

168 100

99 53.8 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

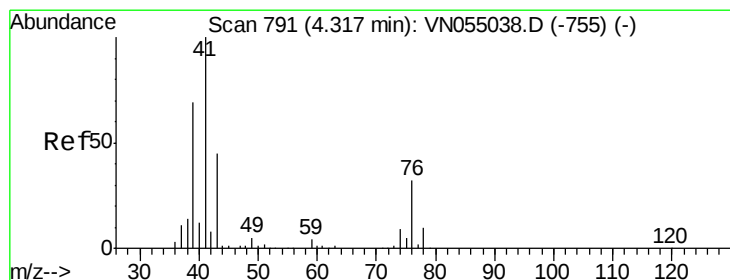
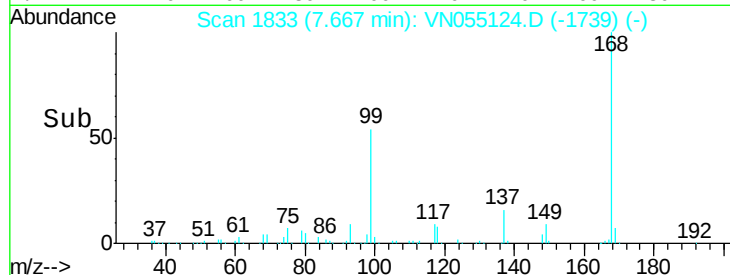
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 2.567 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.24 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

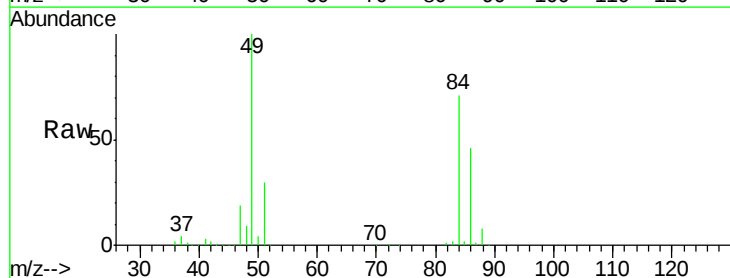
Tgt Ion: 41 Resp: 27606

Ion Ratio Lower Upper

41 100

39 0.5 52.7 79.1#

76 0.0 23.2 34.8#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

12000

10000

8000

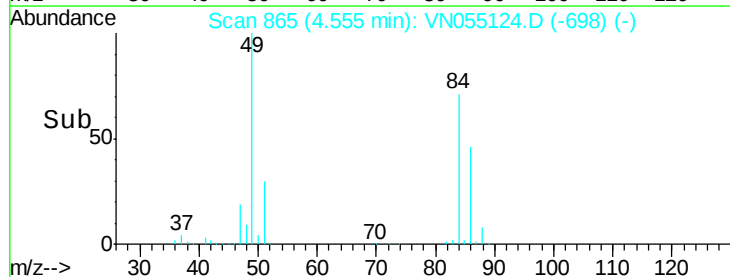
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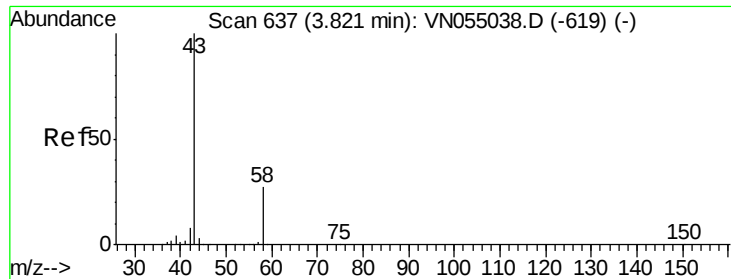
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0

Time-->

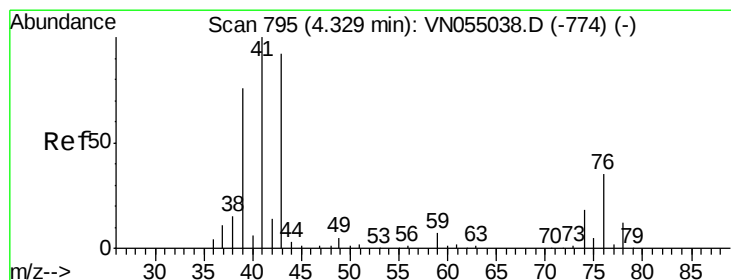
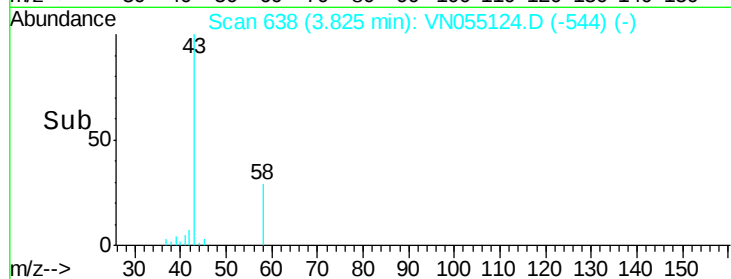
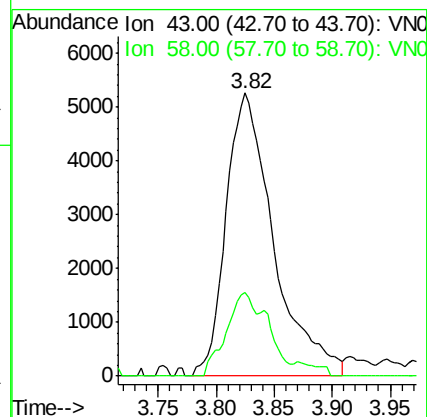
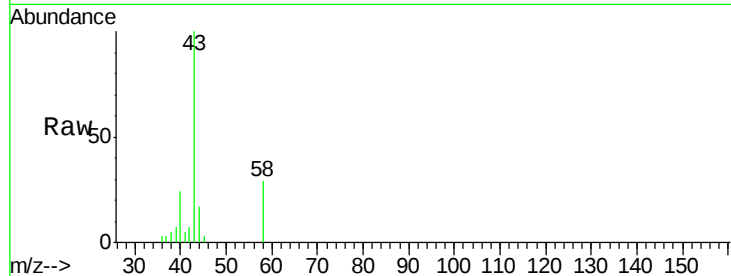




#16
Acetone
Concen: 7.510 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.00 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

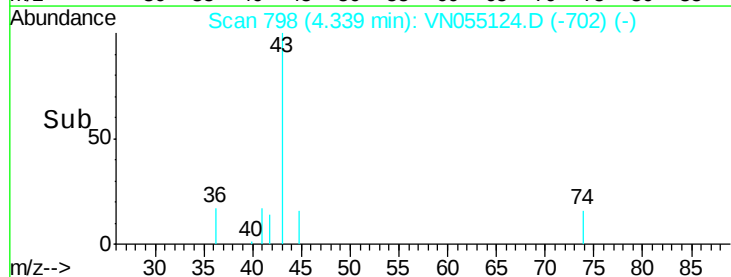
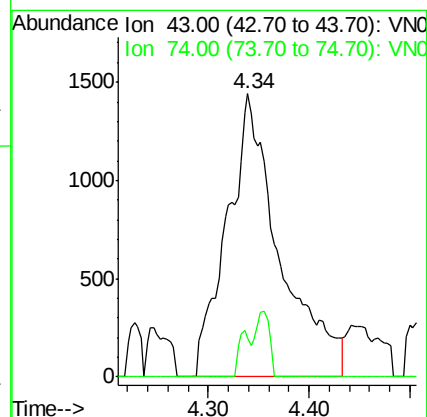
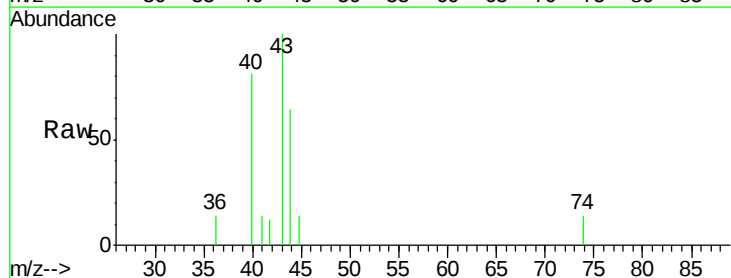
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MSVOA_N
ClientSampled :

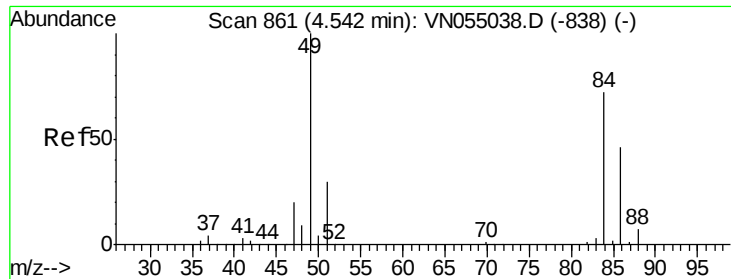
Tot Ion: 43 Resp: 15000
Ion Ratio Lower Upper
43 100
58 29.5 20.9 31.3



#18
Methyl Acetate
Concen: 0.472 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

Tgt Ion: 43 Resp: 5210
Ion Ratio Lower Upper
43 100
74 3.6 16.1 24.1#

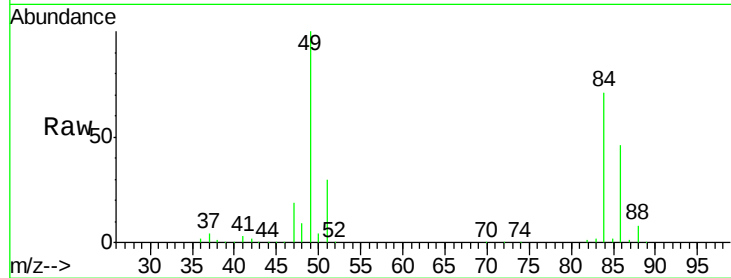




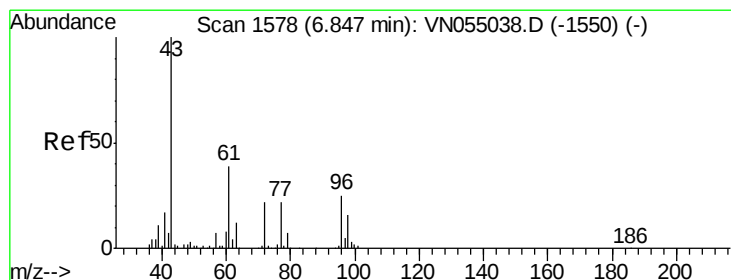
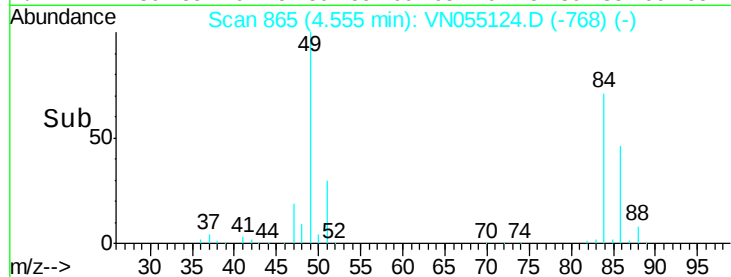
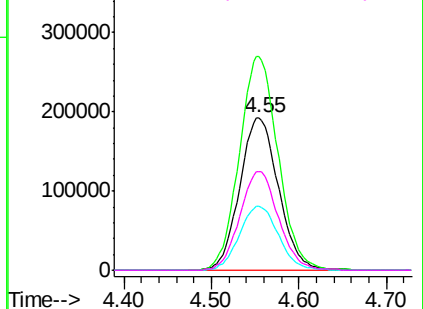
#20
Methvlene Chloride
Concen: 84.312 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	84	Resp:	591989
Ion	Ratio	Lower	Upper
84	100		
49	139.9	109.4	164.2
51	42.0	32.2	48.4
86	64.9	49.3	73.9

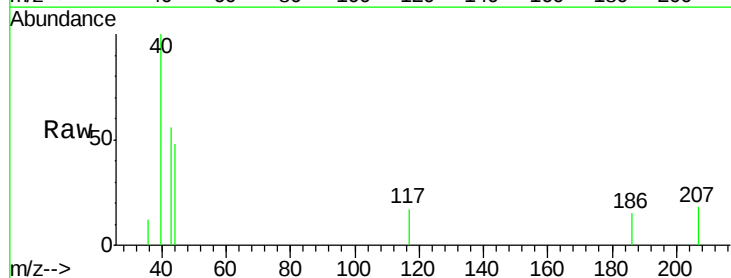


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

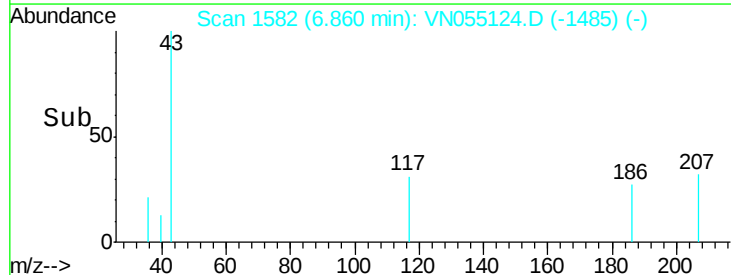
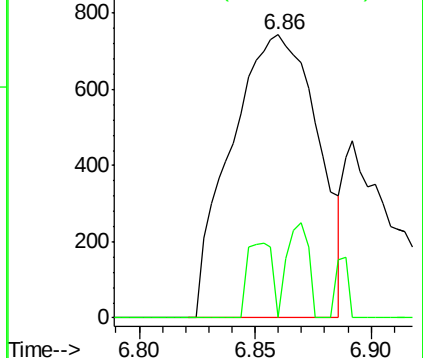


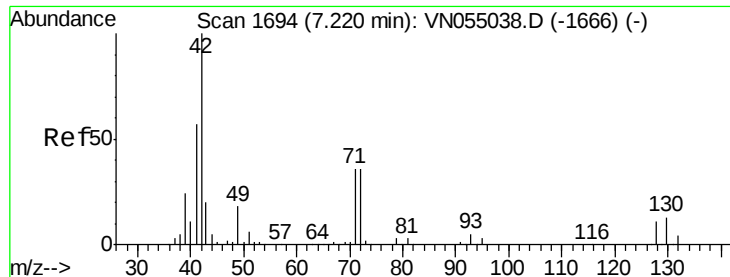
#25
2-Butanone
Concen: 0.650 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

Tgt Ion:	43	Resp:	1937
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.1	27.1#



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 72.00 (71.70 to 72.70): VNC

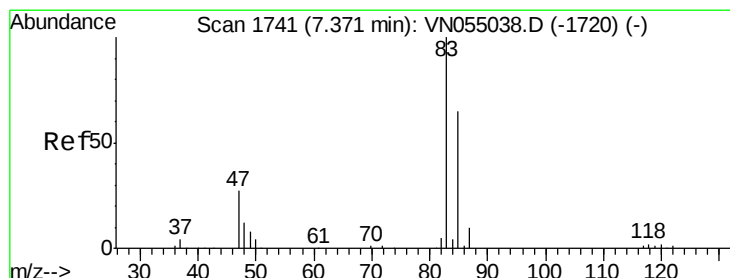
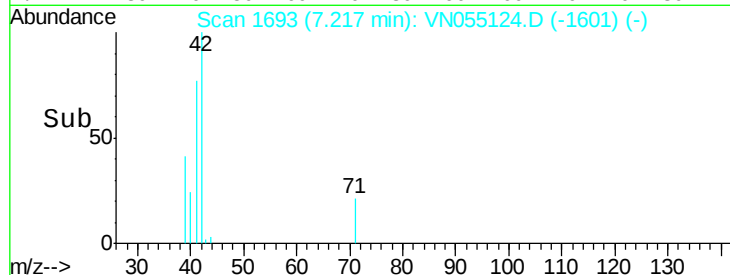
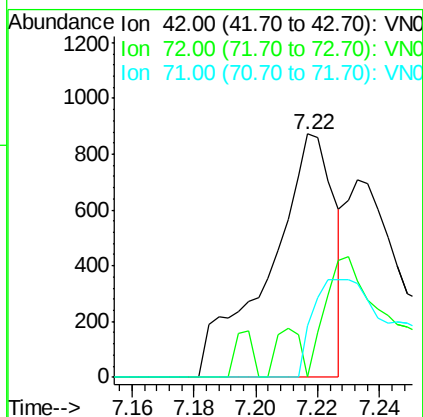
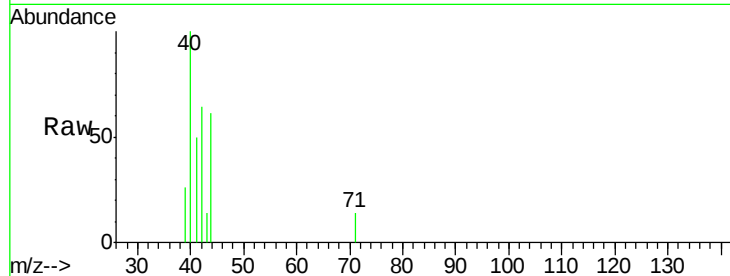




#29
Tetrahydrofuran
Concen: 0.648 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

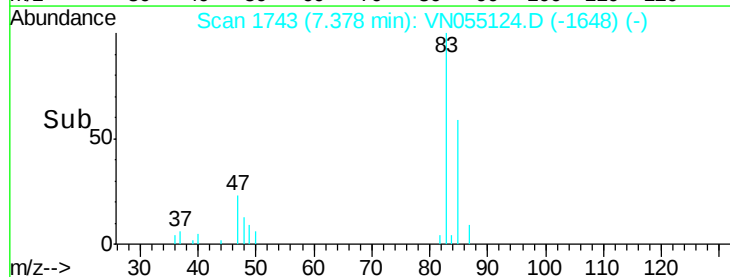
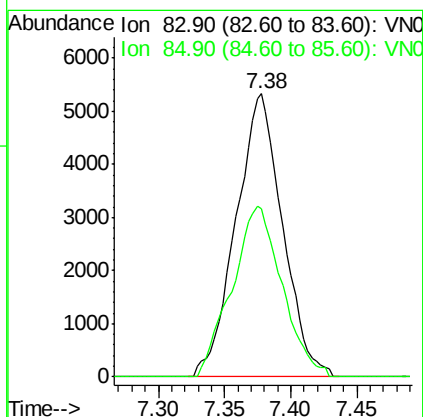
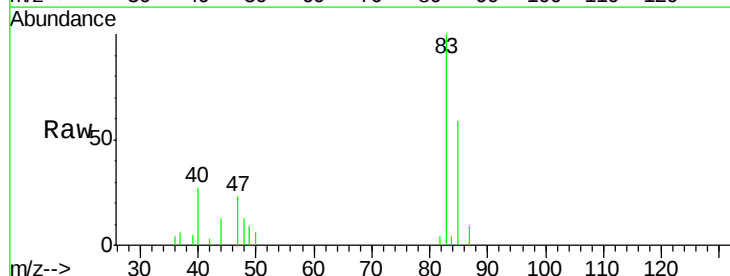
Instrument :
MSVOA_N
ClientSampleId :

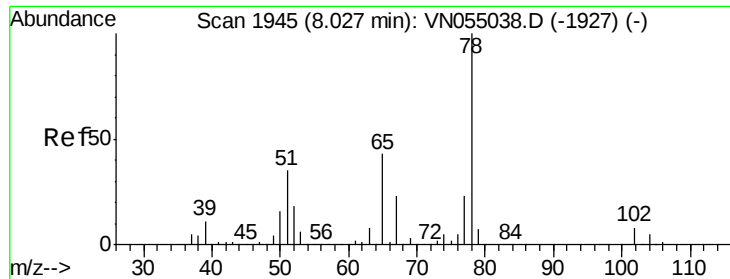
Tot Ion: 42 Resp: 1266
Ion Ratio Lower Upper
42 100
72 7.3 29.4 44.0#
71 0.0 27.8 41.6#



#30
Chloroform
Concen: 1.139 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

Tgt Ion: 83 Resp: 13026
Ion Ratio Lower Upper
83 100
85 59.4 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 48.040 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

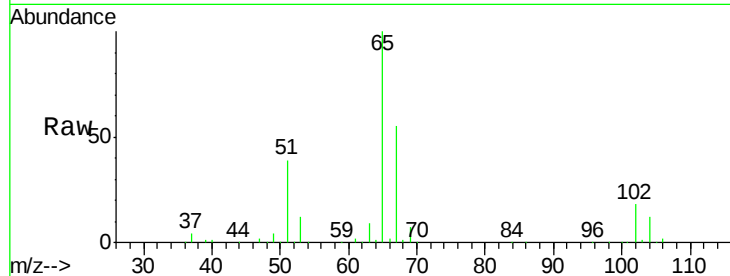
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 353526

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VN055124.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055124.D (-1852) (-)

8.03

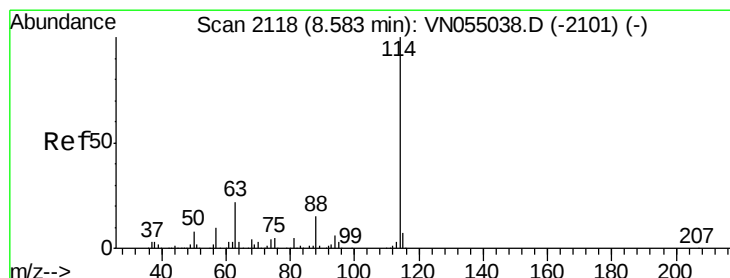
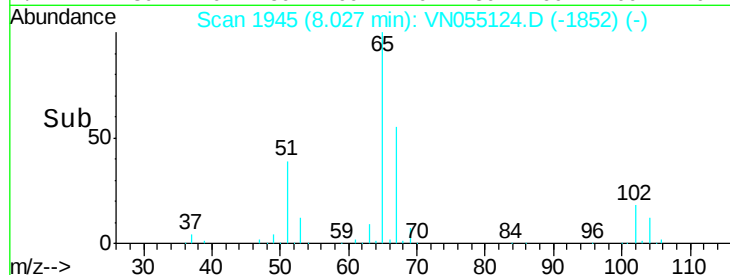
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

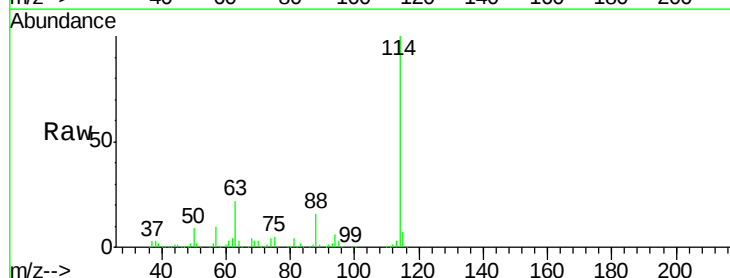
Tgt Ion: 114 Resp: 873958

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.2

88 15.8 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): VN055124.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN055124.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN055124.D (-2025) (-)

8.59

500000

400000

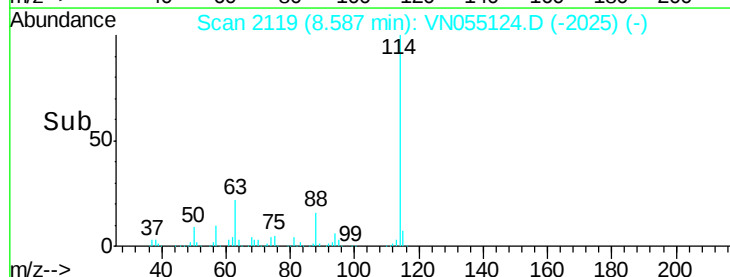
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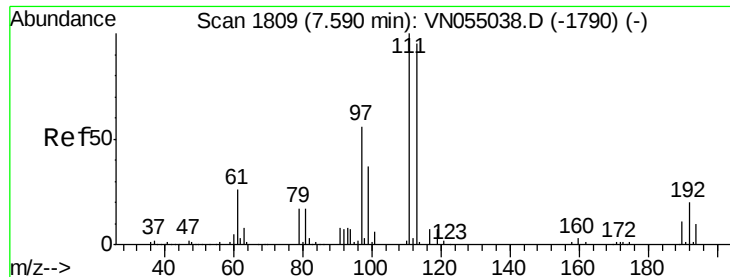
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Time-->

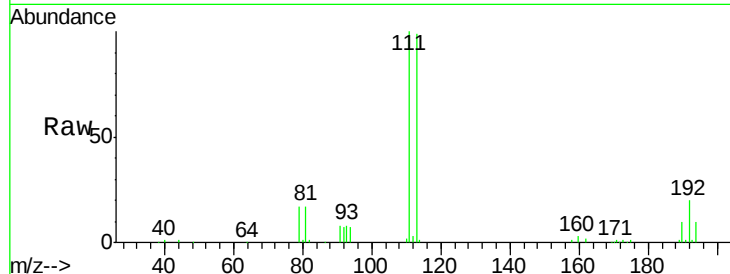




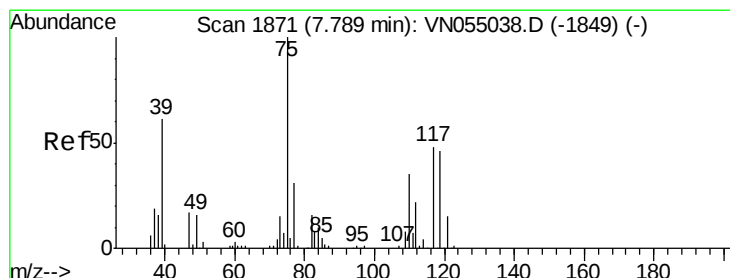
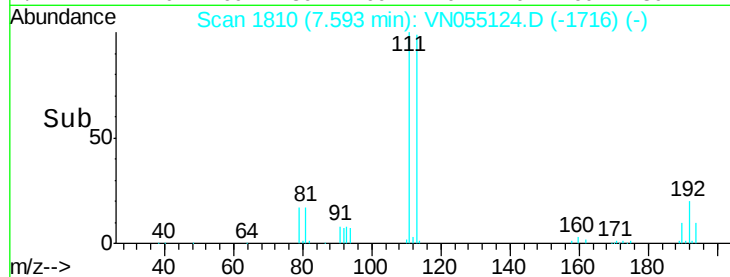
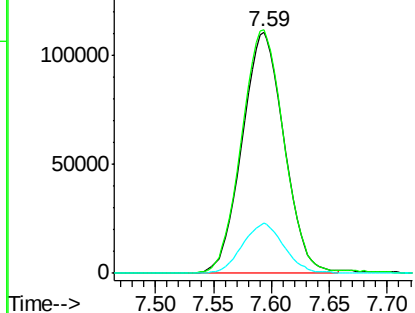
#35
 Dibromofluoromethane
 Concen: 47.614 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055124.D
 Acq: 18 Apr 2019 16:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.1	123.1
192	20.7	16.5	24.7

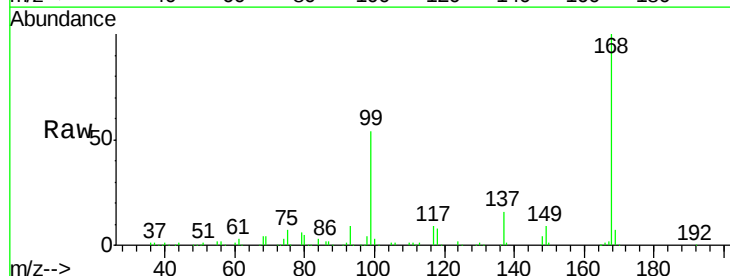


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

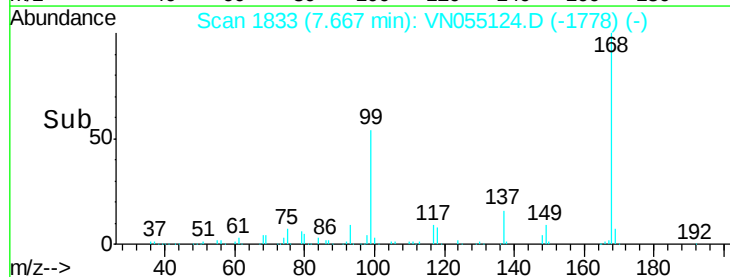
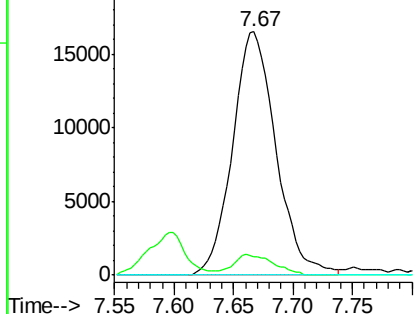


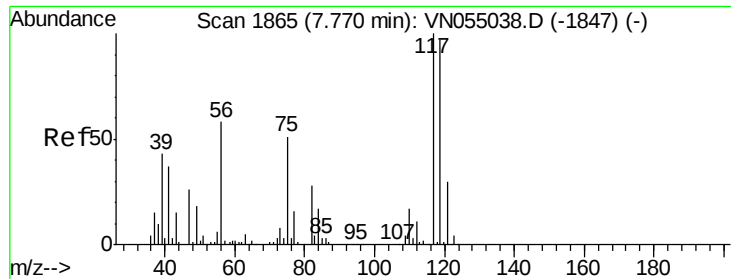
#36
 1,1-Dichloropropene
 Concen: 5.079 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN055124.D
 Acq: 18 Apr 2019 16:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.5	52.5#
77	0.0	24.9	37.3#



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





#38

Carbon Tetrachloride

Concen: 6.357 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.10 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

Instrument :

MSVOA_N

ClientSampled :

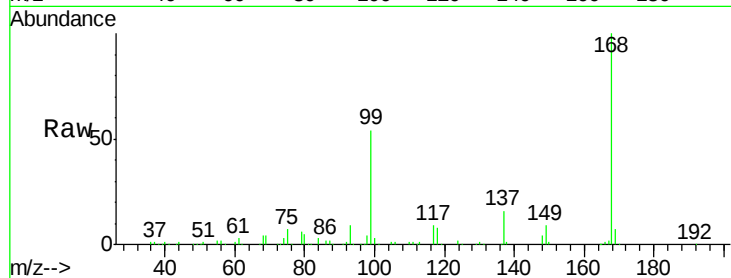
Tot Ion:117 Resp: 49830

Ion Ratio Lower Upper

117 100

119 4.6 76.3 114.5#

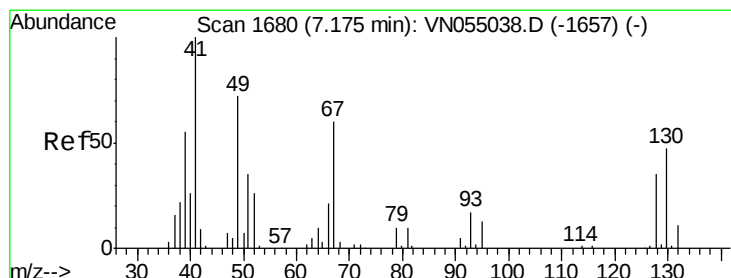
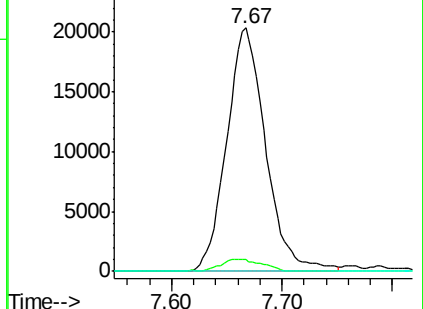
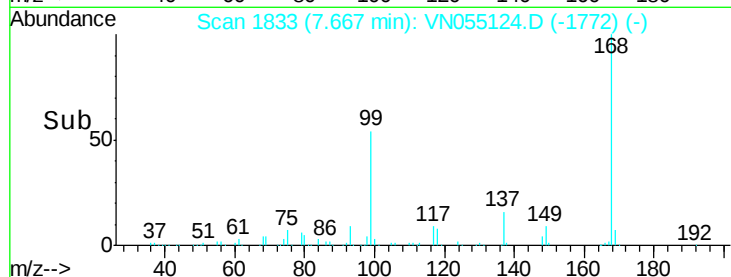
121 0.0 23.9 35.9#



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



#41

Methacrylonitrile

Concen: 0.411 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.04 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

Tgt Ion: 41 Resp: 1532

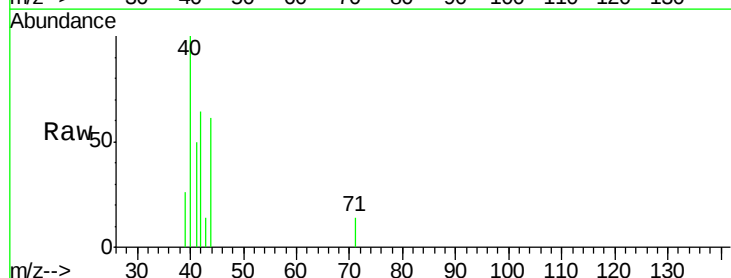
Ion Ratio Lower Upper

41 100

39 39.4 45.6 68.4#

67 0.0 57.0 85.6#

52 0.0 23.6 35.4#

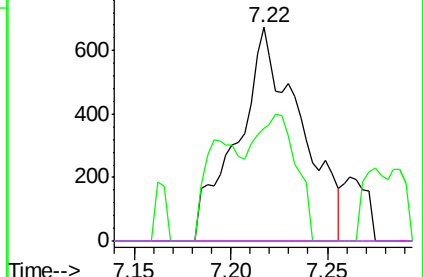
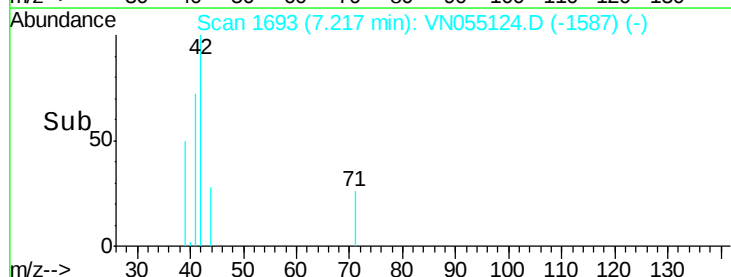


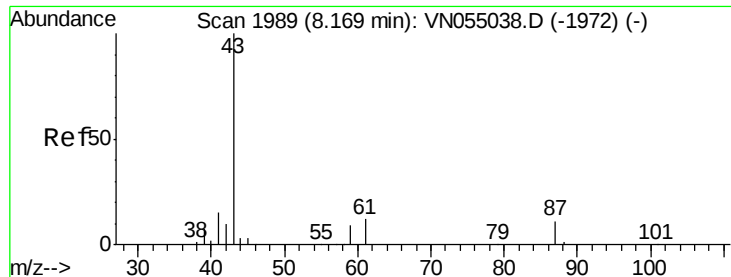
Abundance Ion 41.00 (40.70 to 41.70): VNO

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





#43

Isopropyl Acetate

Concen: 1.681 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

Instrument :
MSVOA_N
ClientSampled :

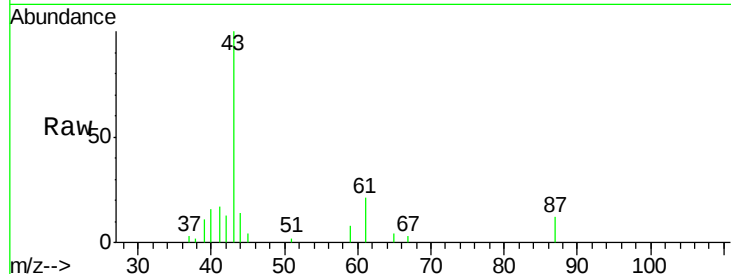
Tot Ion: 43 Resp: 17375

Ion Ratio Lower Upper

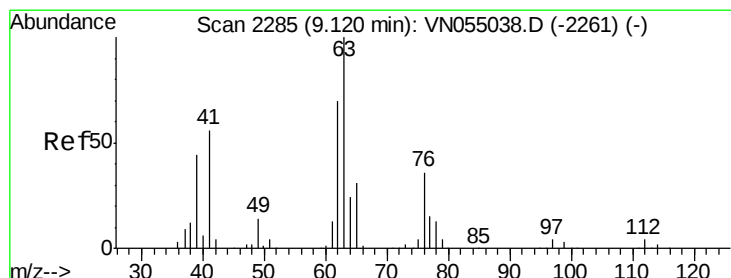
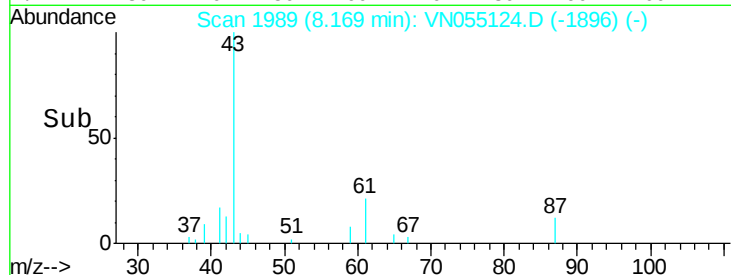
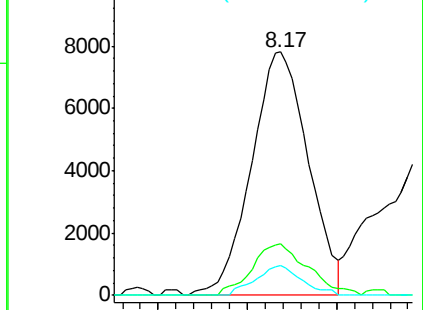
43 100

61 20.7 14.3 21.5

87 10.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.297 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN055124.D

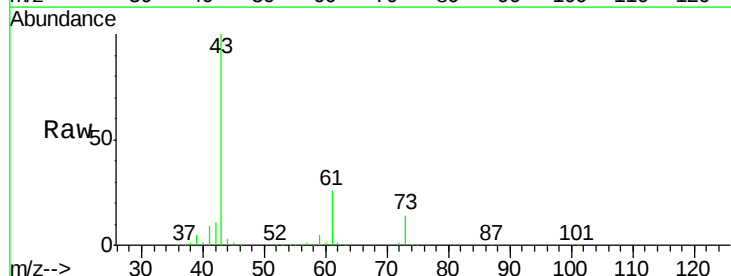
Acq: 18 Apr 2019 16:36

Tgt Ion: 63 Resp: 2057

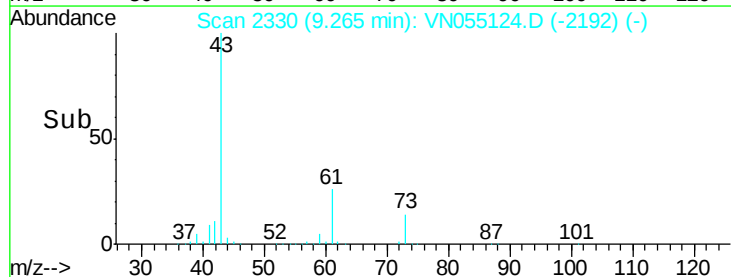
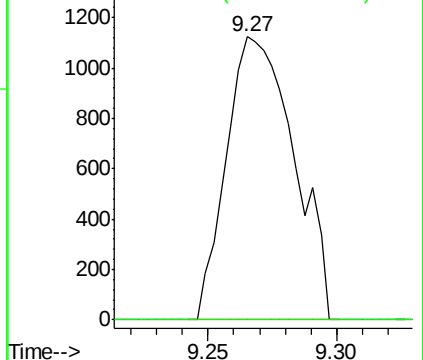
Ion Ratio Lower Upper

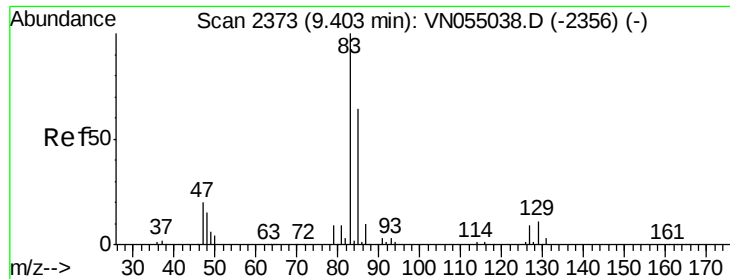
63 100

65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 64.90 (64.60 to 65.60): VN0





#47

Bromodichloromethane

Concen: 0.320 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

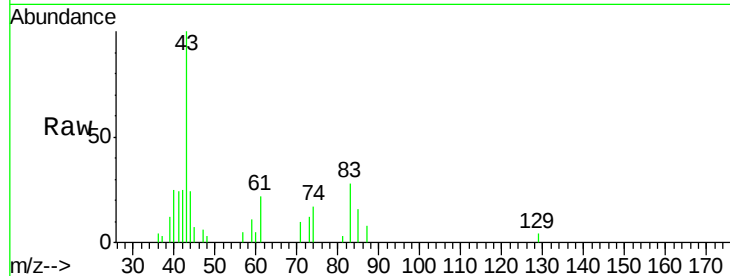
Tot Ion: 83 Resp: 2601

Ion Ratio Lower Upper

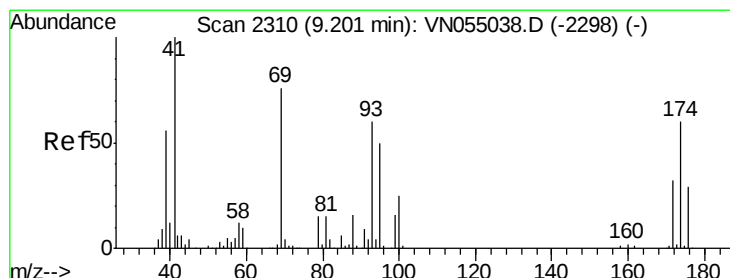
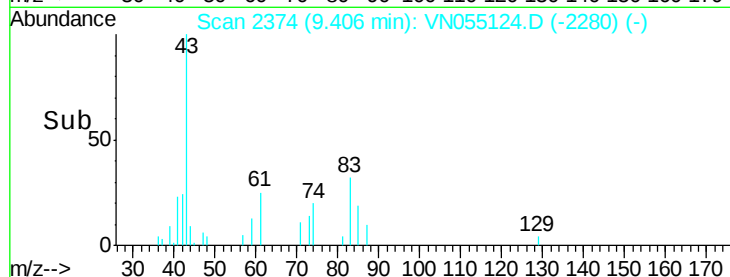
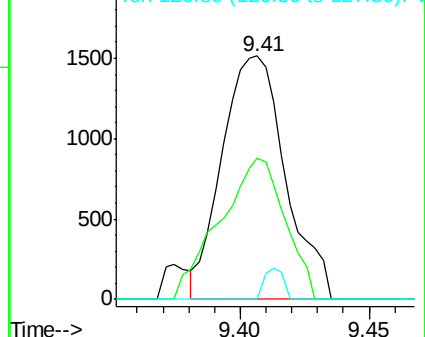
83 100

85 58.0 51.2 76.8

127 0.0 6.8 10.2#



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.758 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

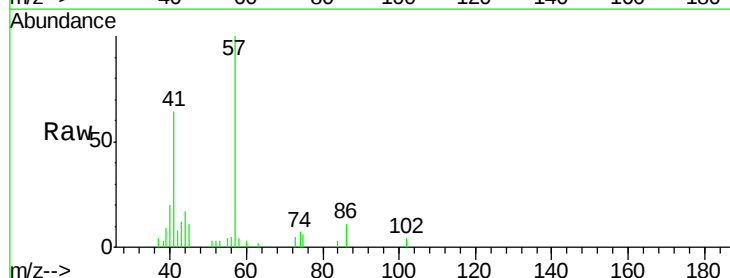
Tgt Ion: 41 Resp: 9006

Ion Ratio Lower Upper

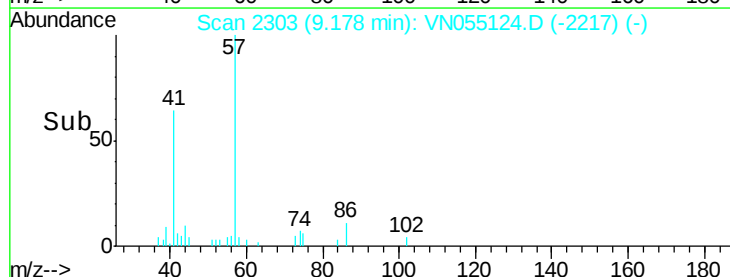
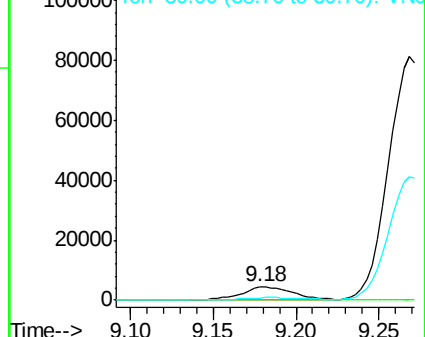
41 100

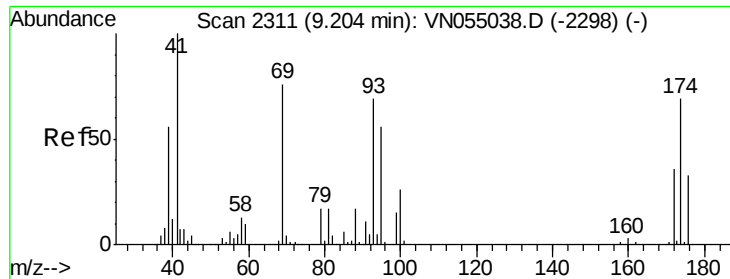
69 0.0 60.5 90.7#

39 0.0 43.9 65.9#



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





#49

1,4-Dioxane

Concen: 3.771 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

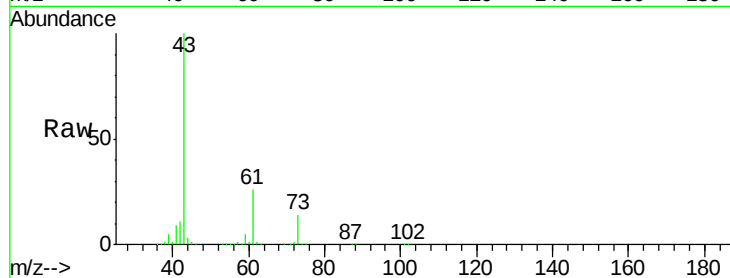
Tot Ion: 88 Resp: 181

Ion Ratio Lower Upper

88 100

43 939909.9 31.8 47.8#

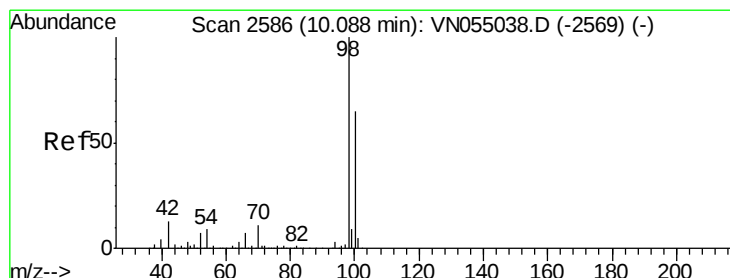
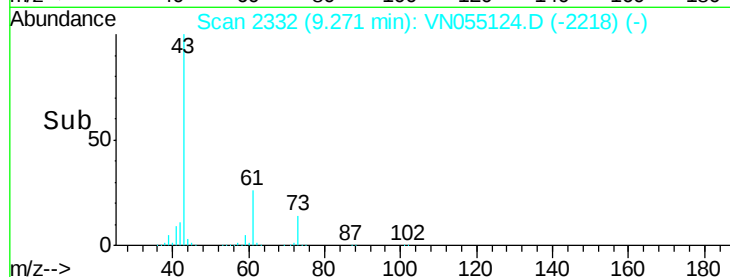
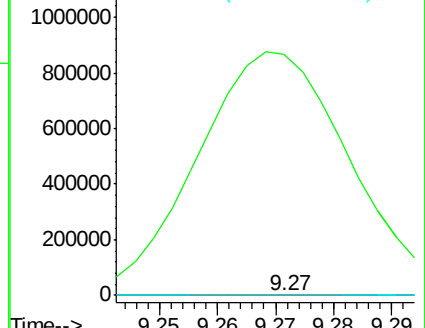
58 4088.4 61.6 92.4#



Abundance Ion 88.00 (87.70 to 88.70): VN055124.D (-2218) (-)

Ion 43.00 (42.70 to 43.70): VN055124.D (-2218) (-)

Ion 58.00 (57.70 to 58.70): VN055124.D (-2218) (-)



#50

Toluene-d8

Concen: 48.983 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055124.D

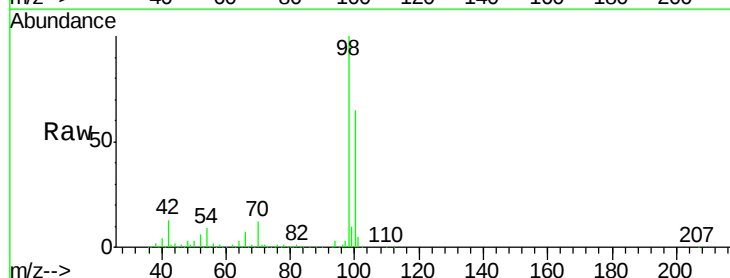
Acq: 18 Apr 2019 16:36

Tgt Ion: 98 Resp: 1023953

Ion Ratio Lower Upper

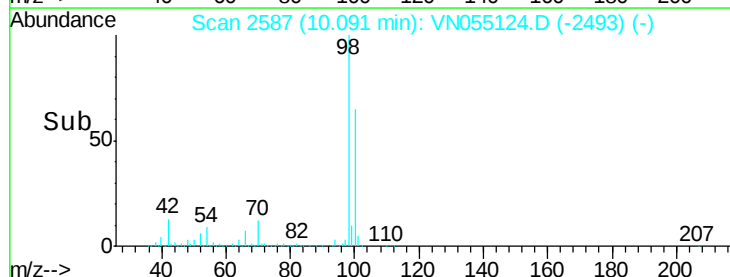
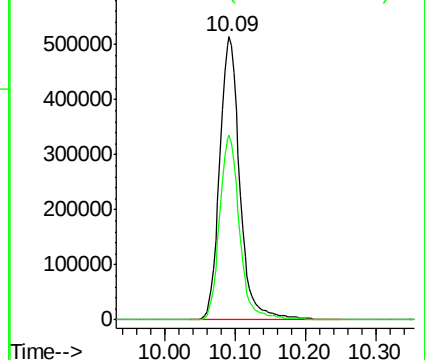
98 100

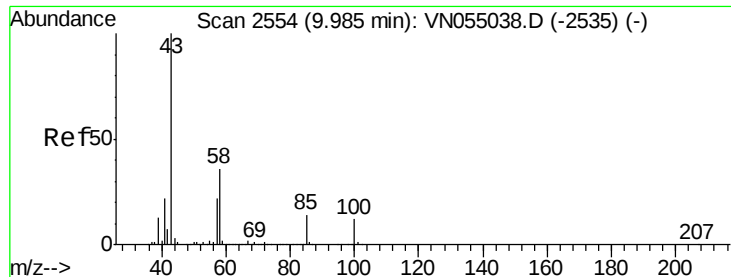
100 64.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055124.D (-2493) (-)

Ion 100.00 (99.70 to 100.70): VN055124.D (-2493) (-)

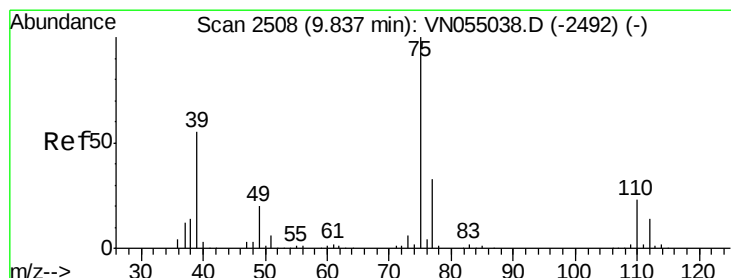
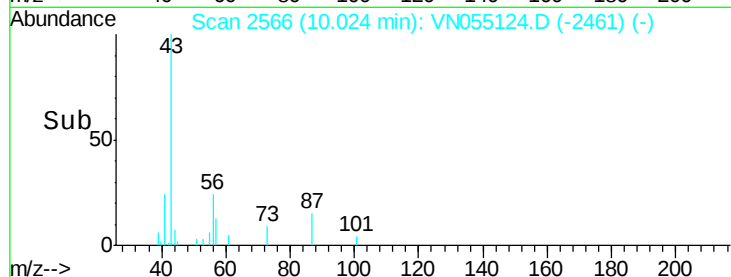
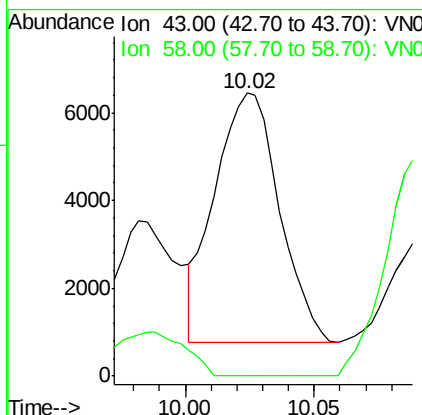
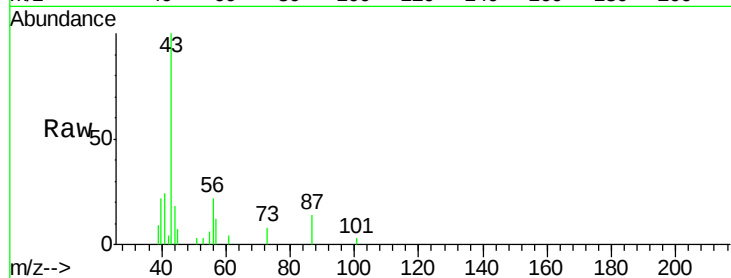




#51
4-Methyl-2-Pentanone
Concen: 1.667 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

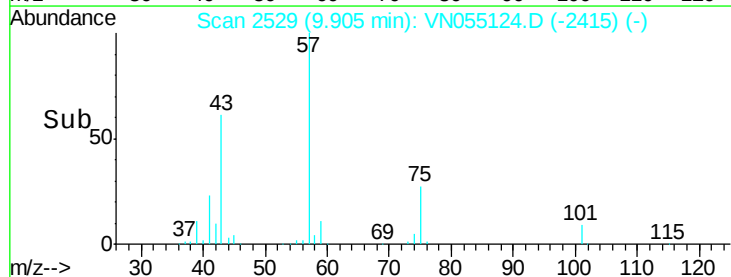
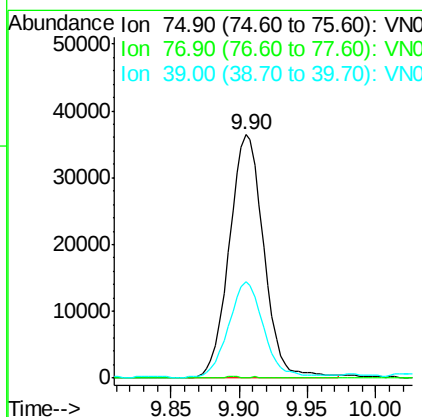
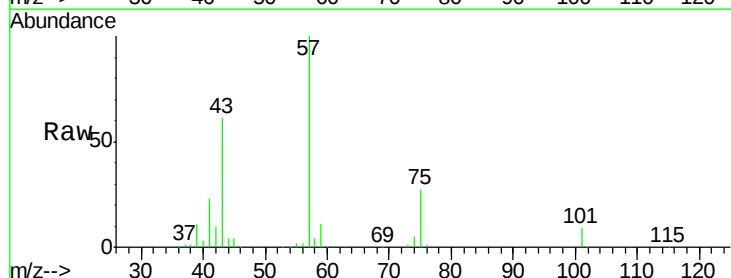
Instrument :
MSVOA_N
ClientSampled :

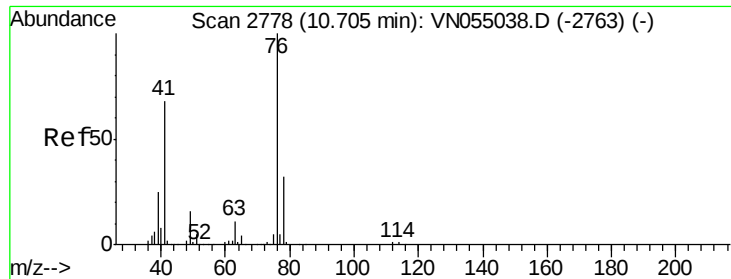
Tot Ion: 43 Resp: 9954
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.4#



#54
cis-1,3-Dichloropropene
Concen: 7.269 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

Tgt Ion: 75 Resp: 64074
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.6#
39 39.0 43.8 65.8#

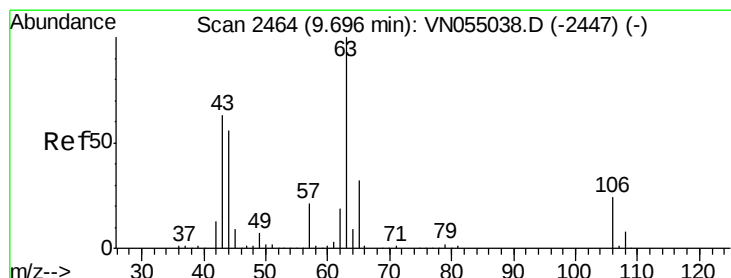
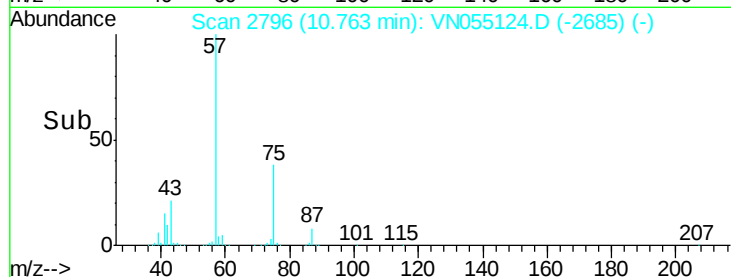
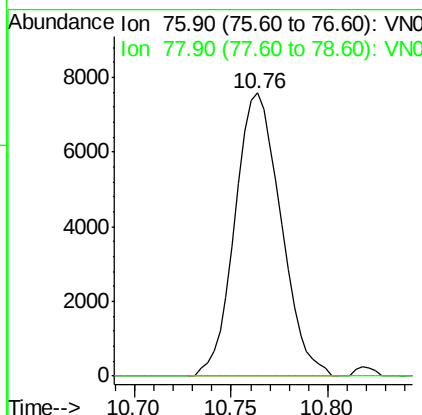
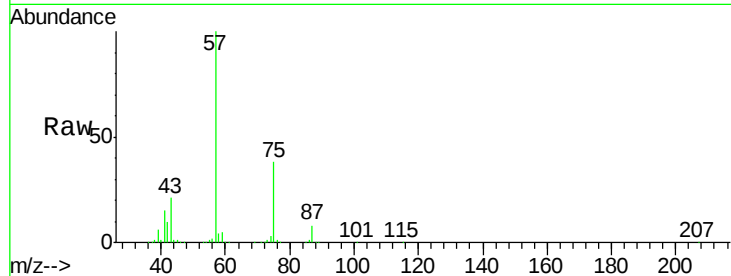




#57
 1,3-Dichloropropane
 Concen: 1.342 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055124.D
 Acq: 18 Apr 2019 16:36

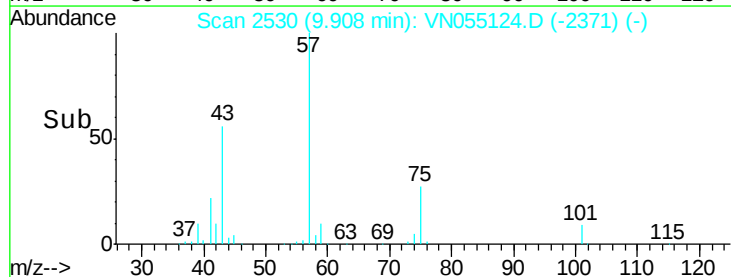
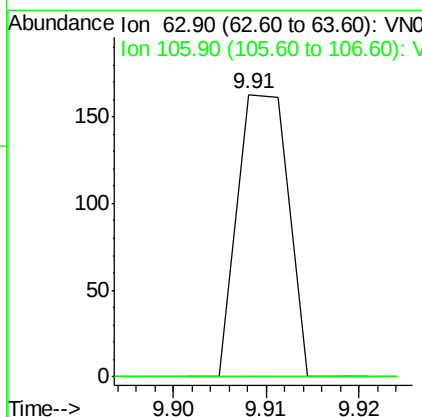
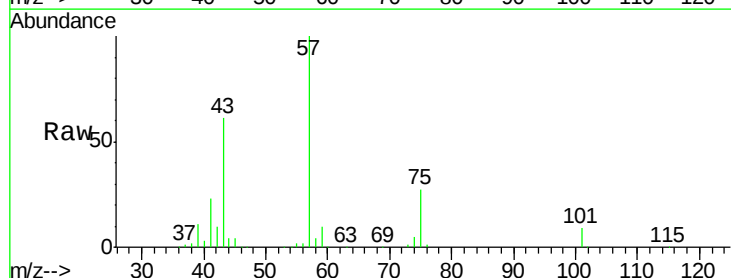
Instrument :
 MSVOA_N
 ClientSampleId :

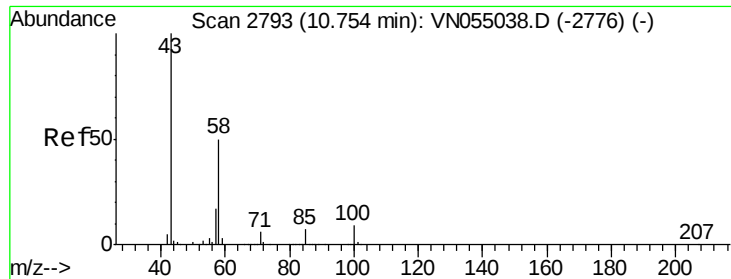
Tot Ion: 76 Resp: 12519
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 10.758 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.21 min
 Lab File: VN055124.D
 Acq: 18 Apr 2019 16:36

Tgt Ion: 63 Resp: 62
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.0 30.0#

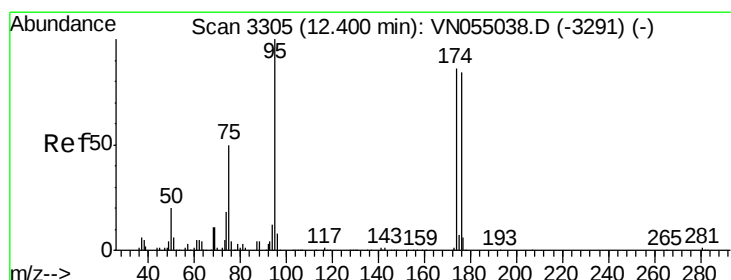
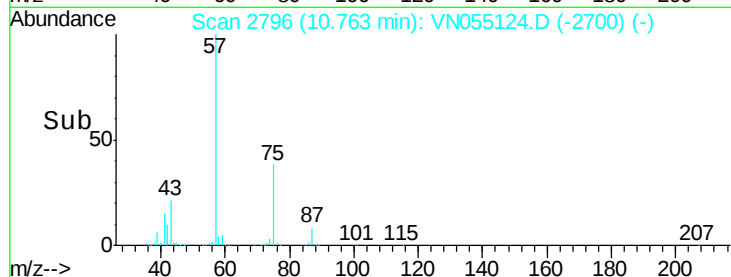
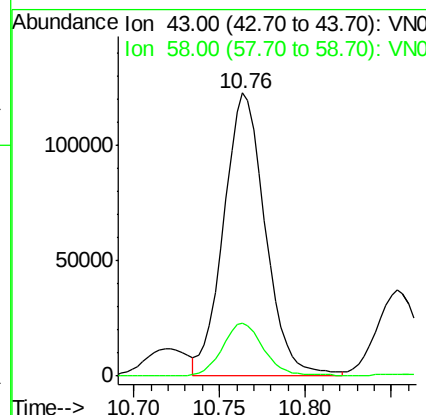
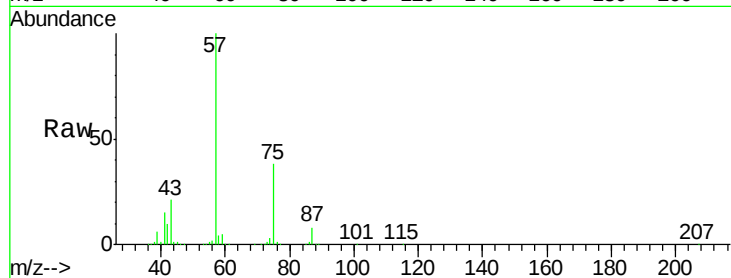




#59
2-Hexanone
Concen: 55.069 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

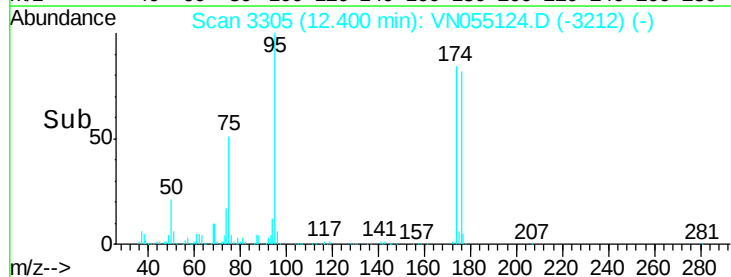
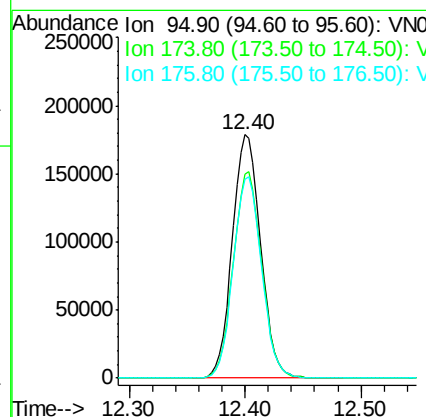
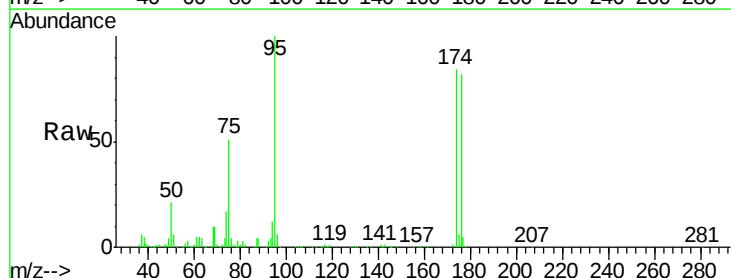
Instrument :
MSVOA_N
ClientSampled :

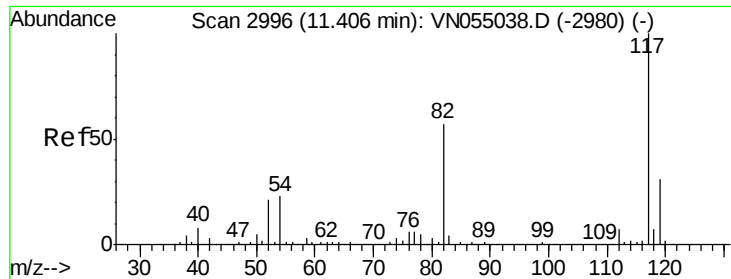
Tot Ion: 43 Resp: 206520
Ion Ratio Lower Upper
43 100
58 18.4 25.1 75.2#



#62
4-Bromofluorobenzene
Concen: 44.525 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

Tgt Ion: 95 Resp: 302588
Ion Ratio Lower Upper
95 100
174 84.6 0.0 174.4
176 82.5 0.0 166.8

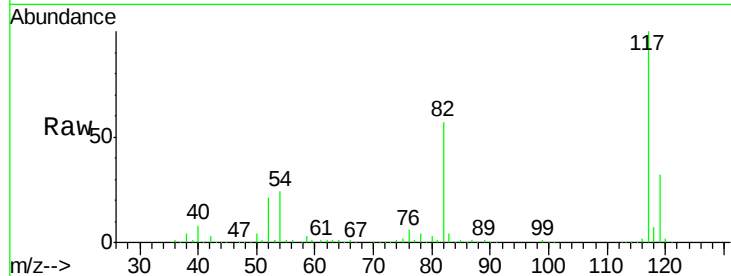




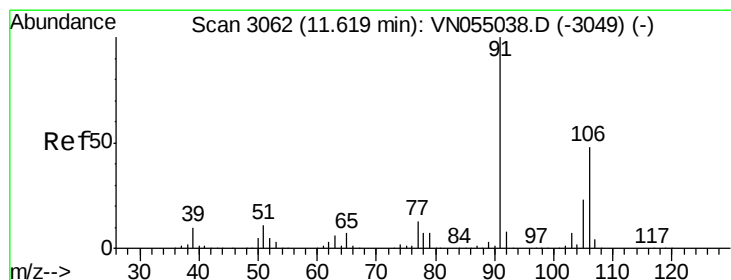
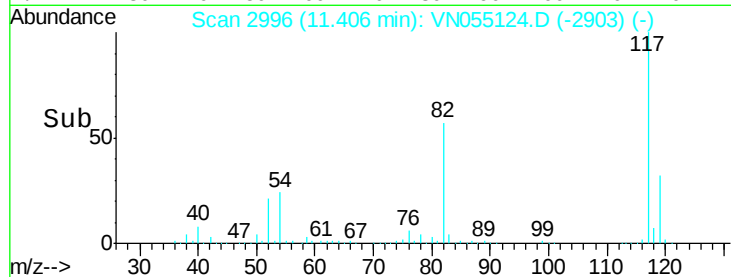
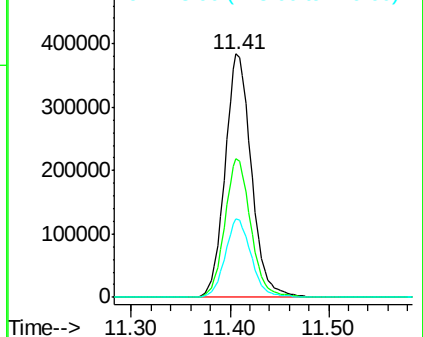
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 718000
Ion Ratio Lower Upper
117 100
82 57.0 44.6 66.8
119 32.2 25.5 38.3

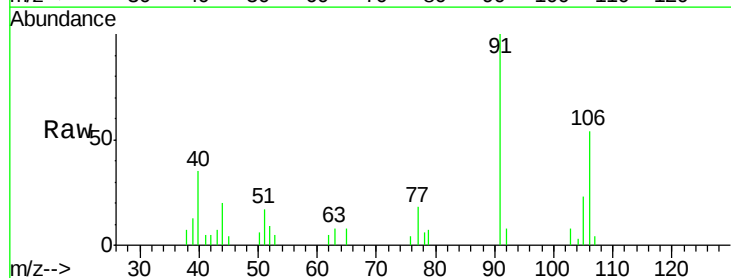


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

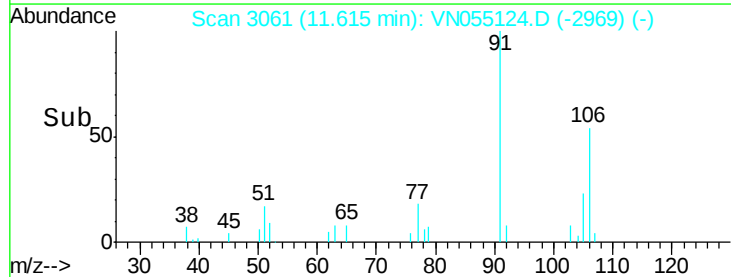
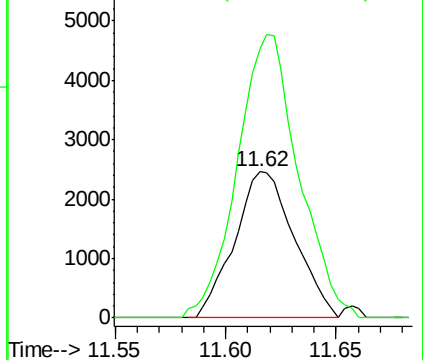


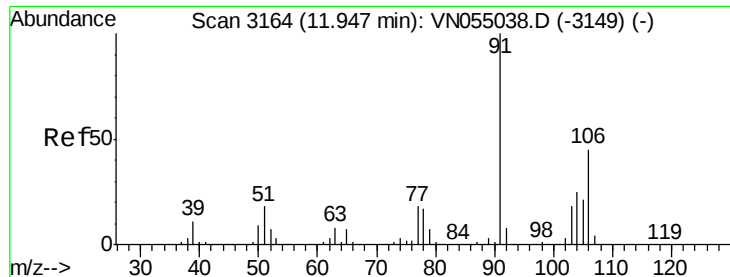
#68
m/p-Xylenes
Concen: 0.495 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

Tgt Ion:106 Resp: 4625
Ion Ratio Lower Upper
106 100
91 198.7 165.9 248.9



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

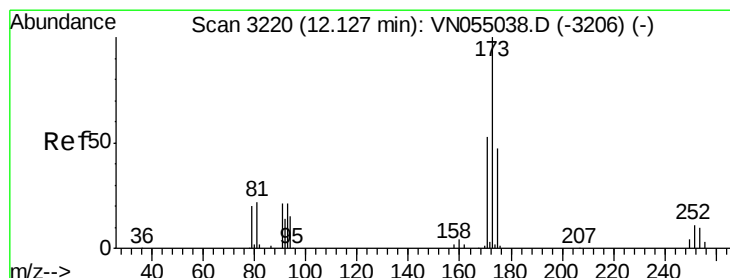
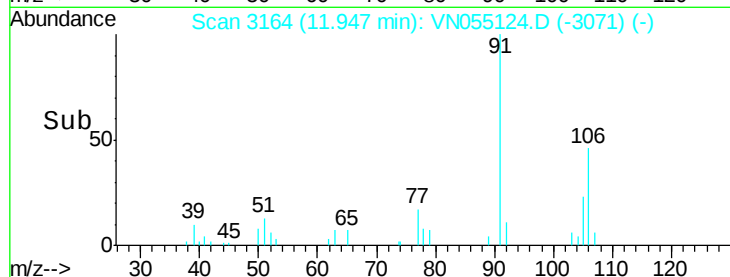
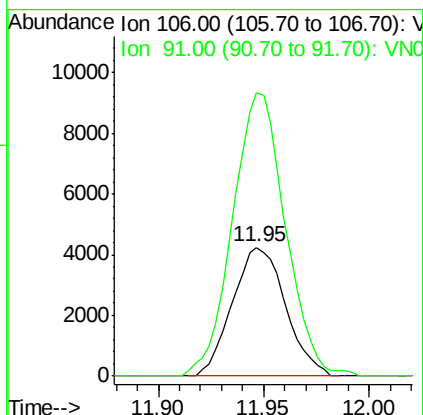
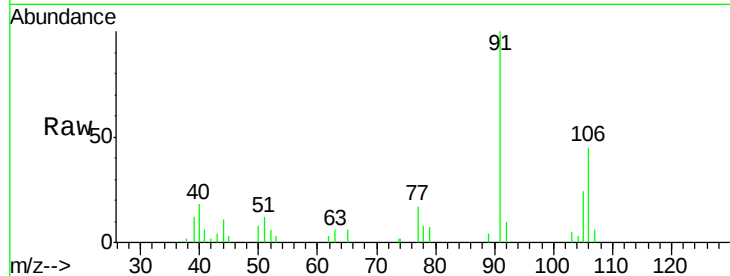




#69
o-Xylene
Concen: 0.820 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

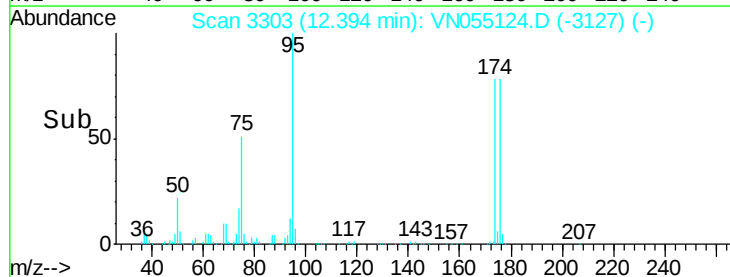
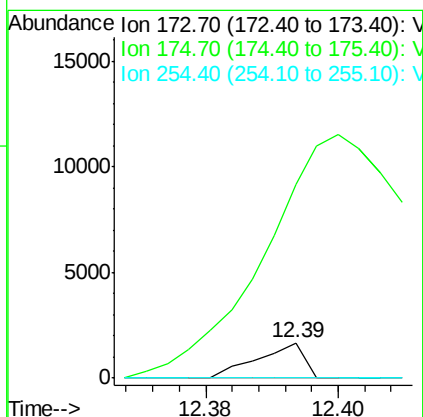
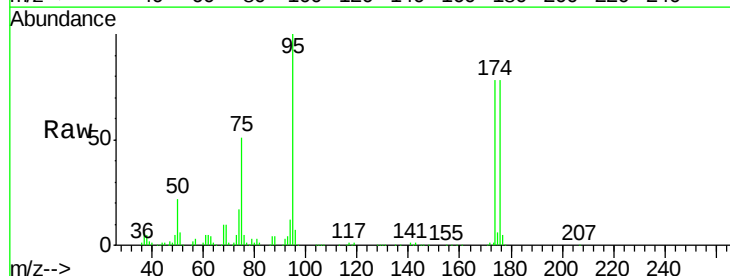
Instrument :
MSVOA_N
ClientSampleId :

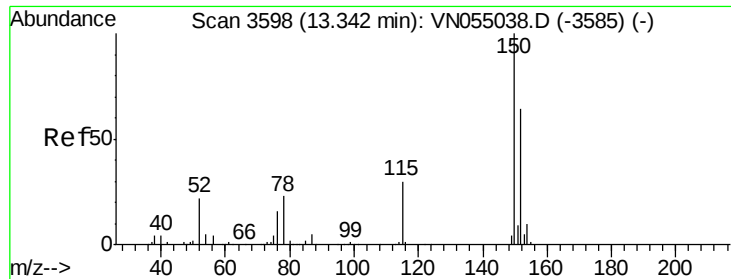
Tot Ion:106 Resp: 7422
Ion Ratio Lower Upper
106 100
91 219.0 109.9 329.8



#71
Bromoform
Concen: 0.266 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

Tgt Ion:173 Resp: 809
Ion Ratio Lower Upper
173 100
175 2061.6 24.3 73.0#
254 0.0 0.1 0.1#



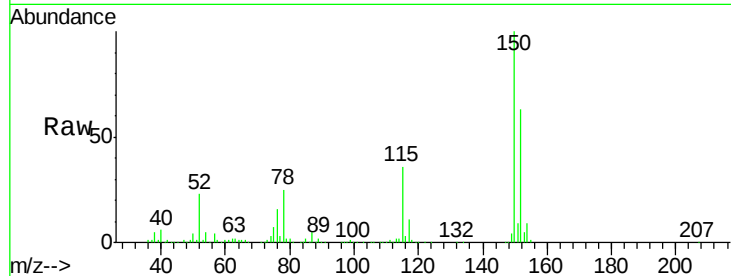


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.5	85.6
150	157.0	0.0	347.2

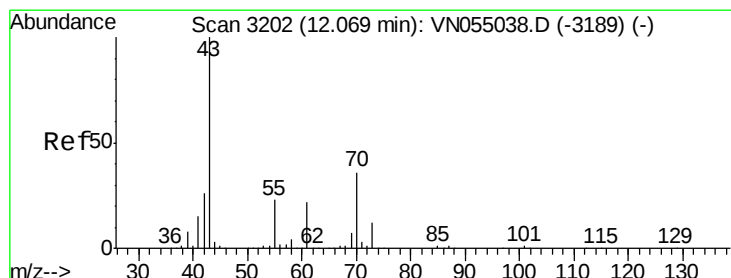
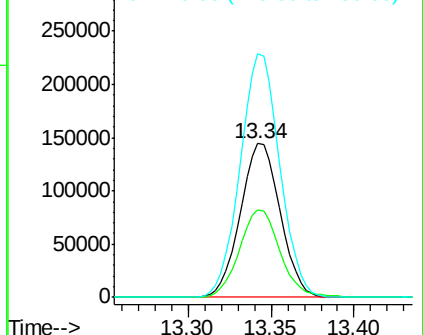
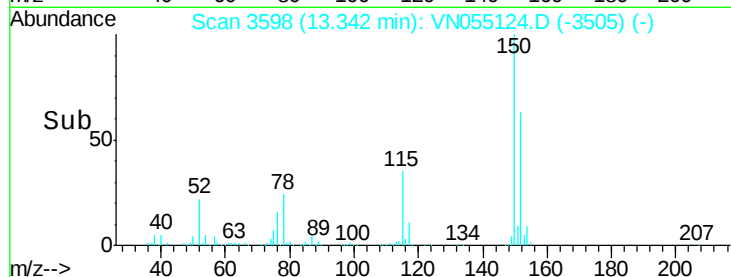


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

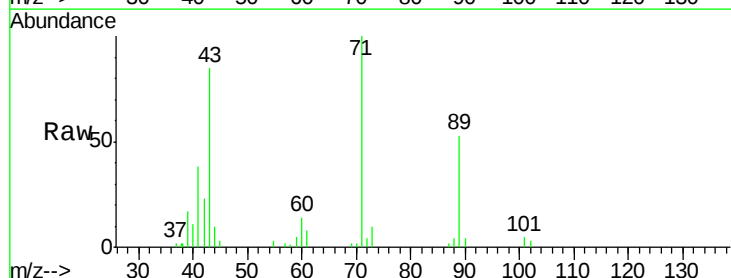
Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate
Concen: 3.291 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

Tgt Ion	Ratio	Lower	Upper
43	100		
70	1.3	29.4	44.0#
55	3.5	19.0	28.4#
61	10.6	17.7	26.5#



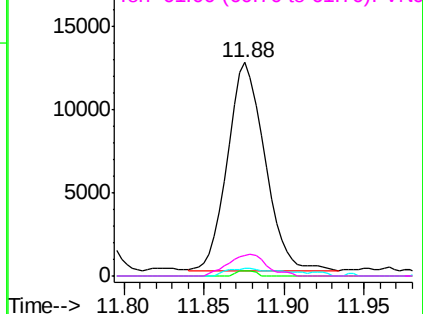
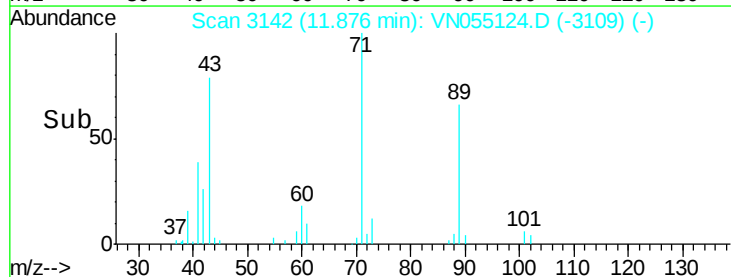
Abundance

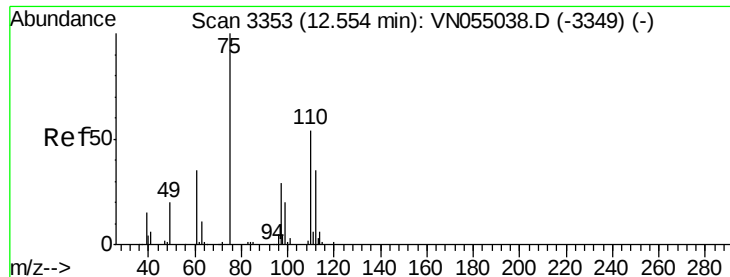
Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 35.487 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

Instrument :

MSVOA_N

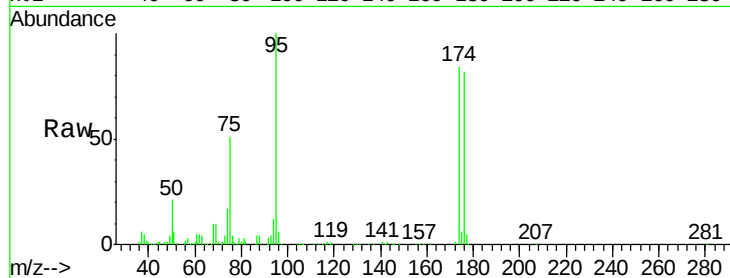
ClientSampled :

Tot Ion: 75 Resp: 154305

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

100000

80000

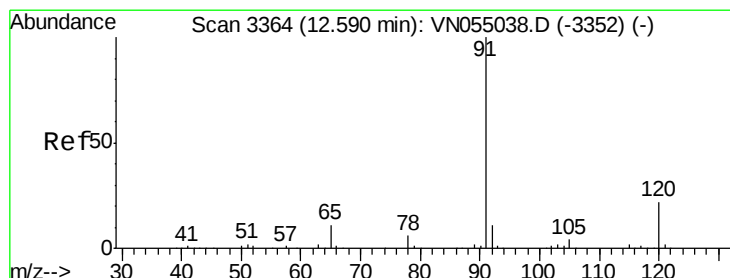
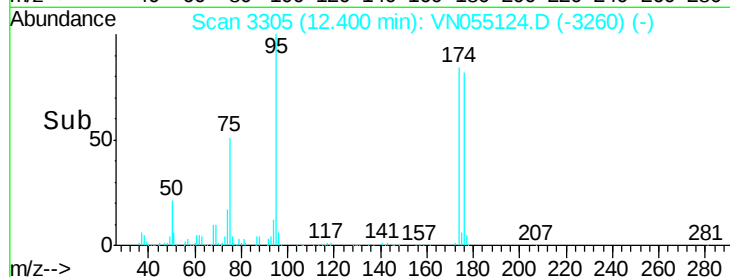
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#78

n-propylbenzene

Concen: 0.468 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055124.D

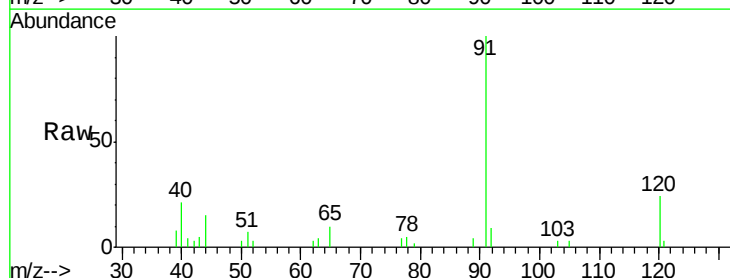
Acq: 18 Apr 2019 16:36

Tgt Ion: 91 Resp: 10856

Ion Ratio Lower Upper

91 100

120 21.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.59

8000

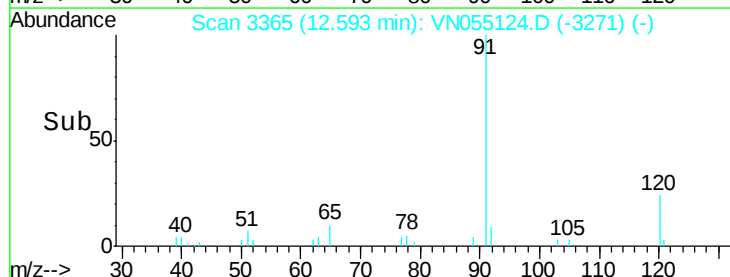
6000

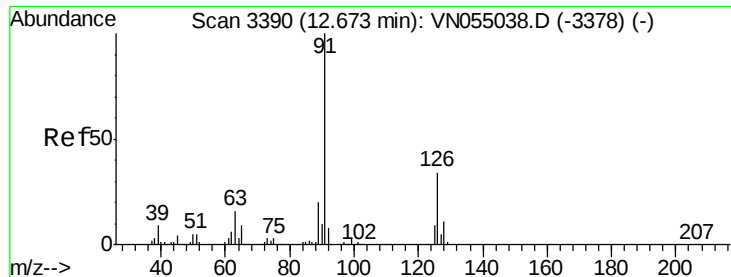
4000

2000

0

Time--> 12.55 12.60 12.65

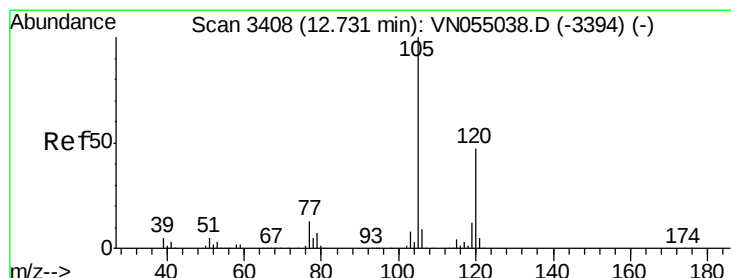
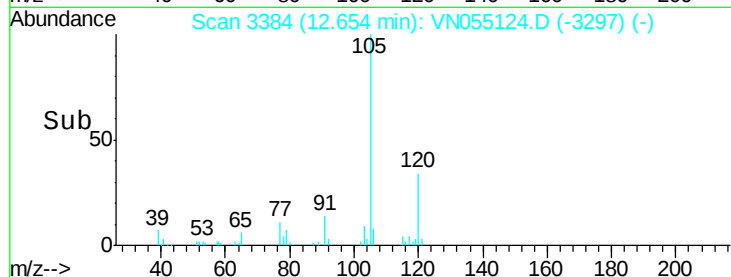
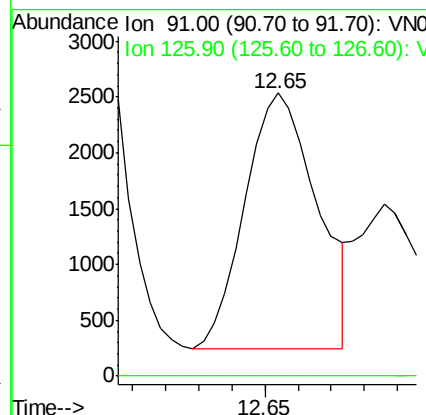
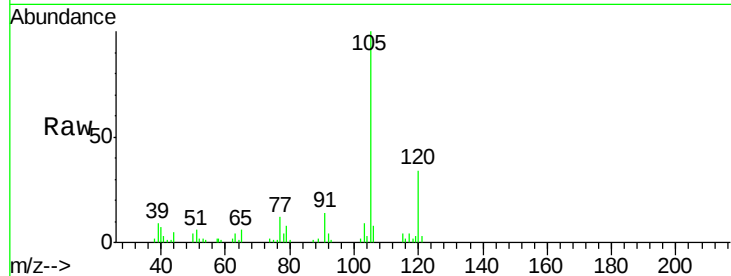




#79
 2-Chlorotoluene
 Concen: 0.240 ug/l
 RT: 12.65 min Scan# 3384
 Delta R.T. -0.02 min
 Lab File: VN055124.D
 Acq: 18 Apr 2019 16:36

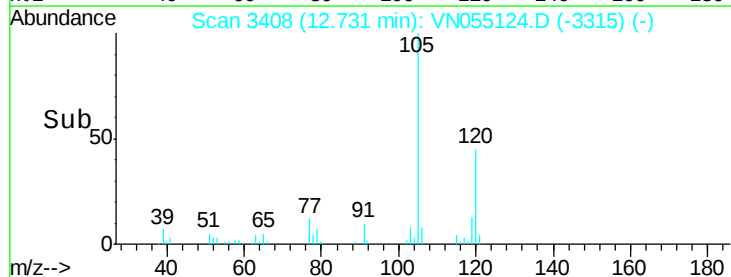
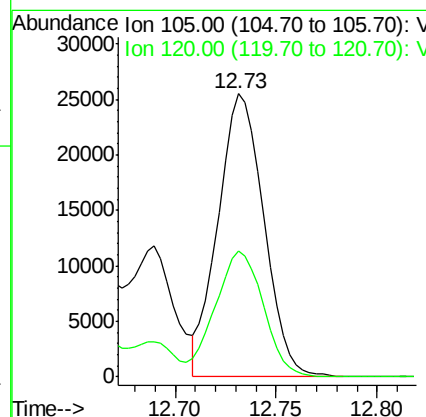
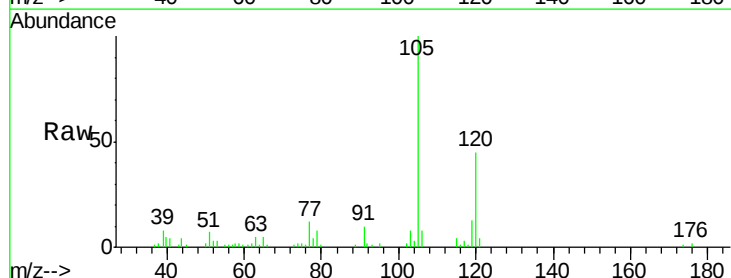
Instrument :
 MSVOA_N
 ClientSampled :

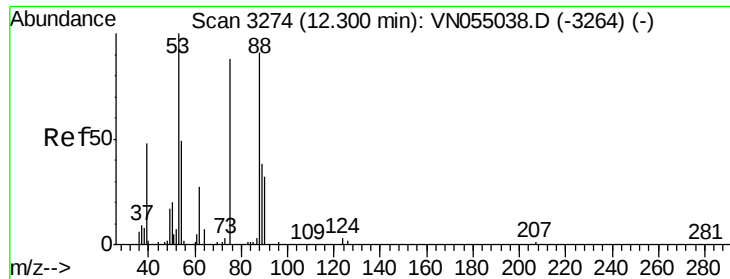
Tot Ion: 91 Resp: 3471
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.1 51.2#



#80
 1,3,5-Trimethylbenzene
 Concen: 2.338 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055124.D
 Acq: 18 Apr 2019 16:36

Tgt Ion: 105 Resp: 40485
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 141.906 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

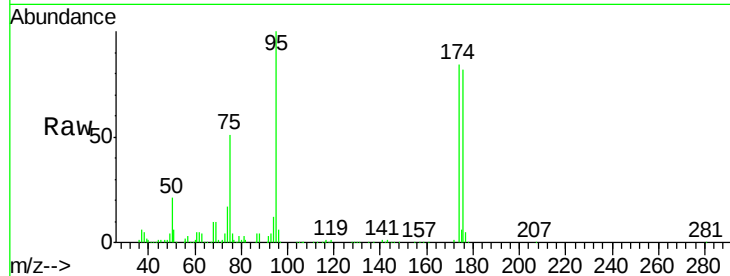
Tot Ion: 75 Resp: 154305

Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

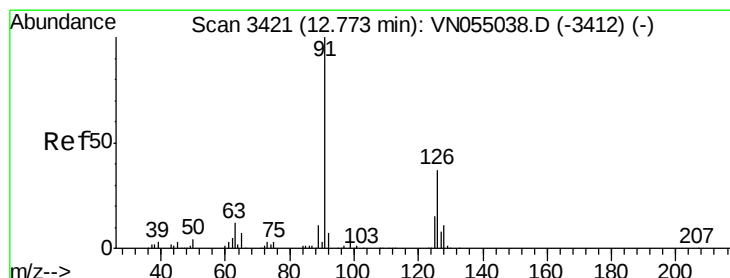
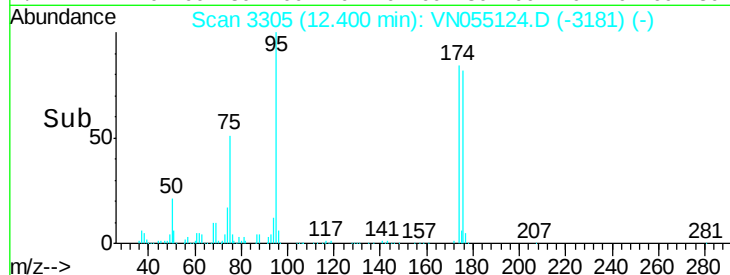
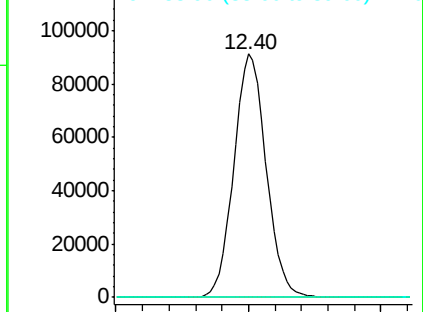
89 0.0 38.6 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055124.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN055124.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN055124.D (-3181) (-)



#82

4-Chlorotoluene

Concen: 0.268 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN055124.D

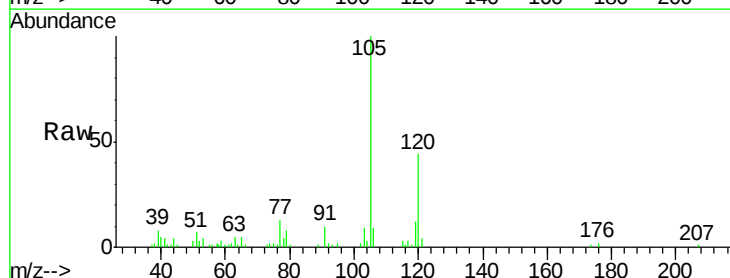
Acq: 18 Apr 2019 16:36

Tgt Ion: 91 Resp: 3616

Ion Ratio Lower Upper

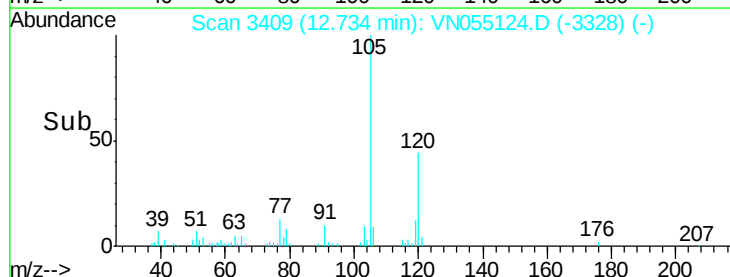
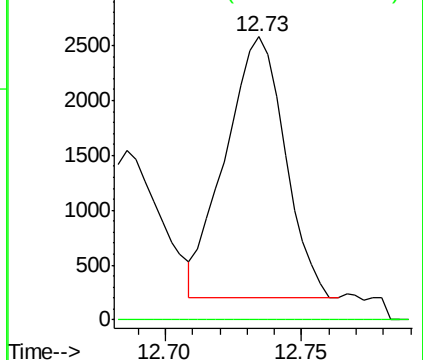
91 100

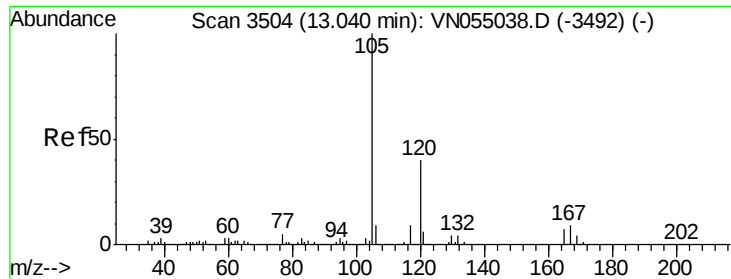
126 0.0 16.4 49.2#



Abundance Ion 91.00 (90.70 to 91.70): VN055124.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN055124.D (-3328) (-)





#84

1,2,4-Trimethylbenzene

Concen: 4.137 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

Instrument :

MSVOA_N

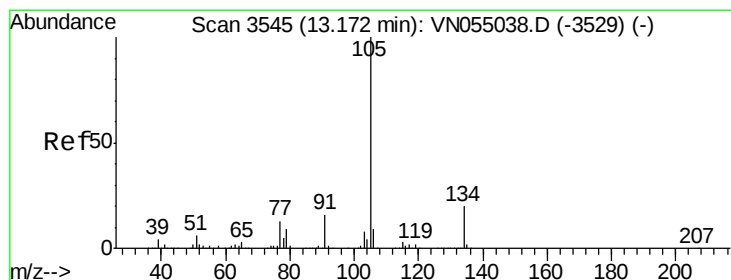
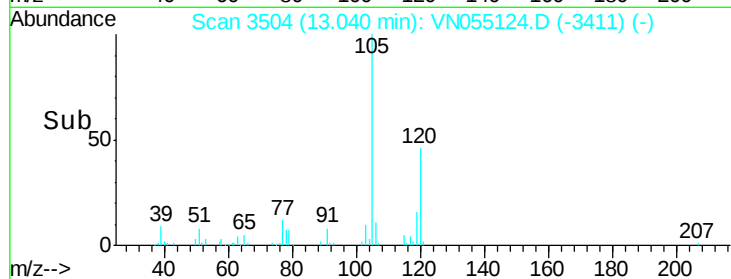
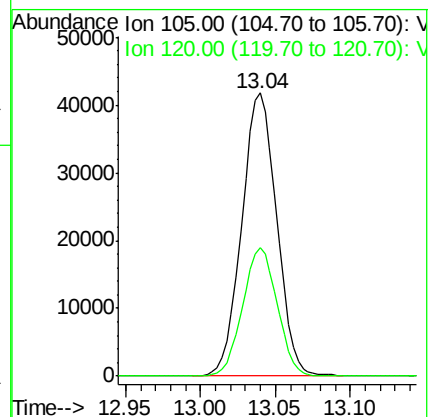
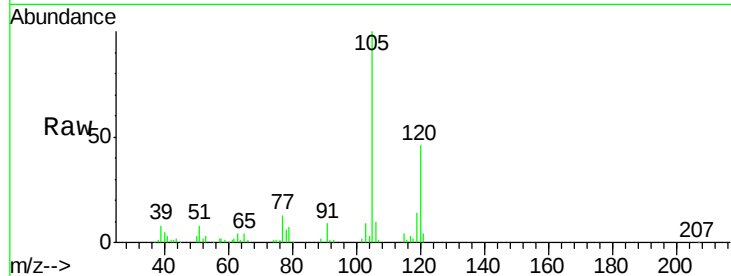
ClientSampled :

Tot Ion:105 Resp: 67888

Ion Ratio Lower Upper

105 100

120 44.7 22.4 67.3



#85

sec-Butylbenzene

Concen: 0.217 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055124.D

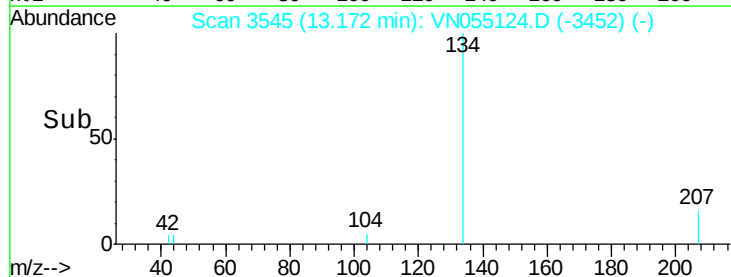
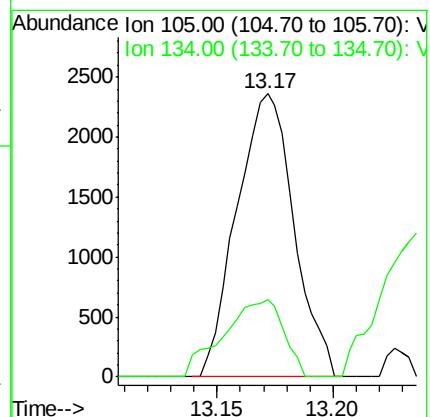
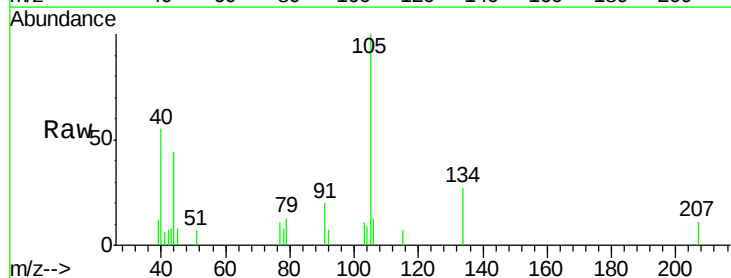
Acq: 18 Apr 2019 16:36

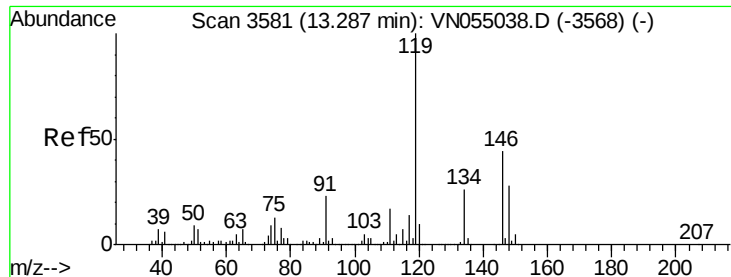
Tgt Ion:105 Resp: 4047

Ion Ratio Lower Upper

105 100

134 28.7 9.8 29.3

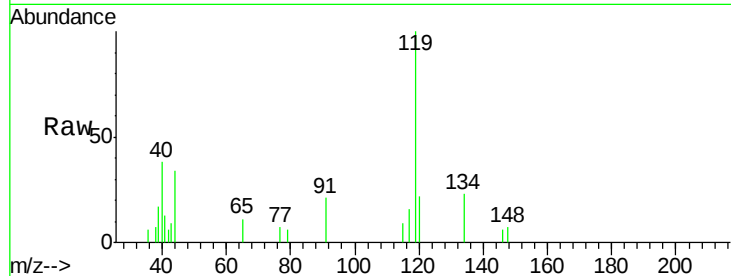




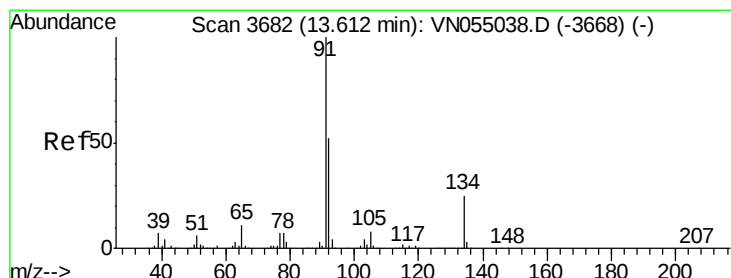
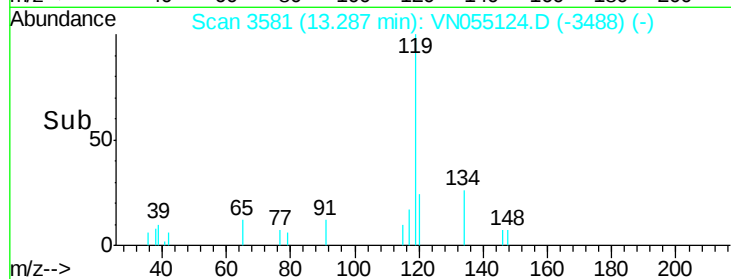
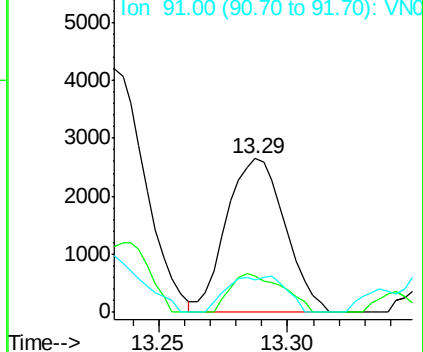
#86
 p-Isopropyltoluene
 Concen: 0.262 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055124.D
 Acq: 18 Apr 2019 16:36

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 119 Resp: 4195
 Ion Ratio Lower Upper
 119 100
 134 22.5 13.2 39.5
 91 12.6 11.7 35.1

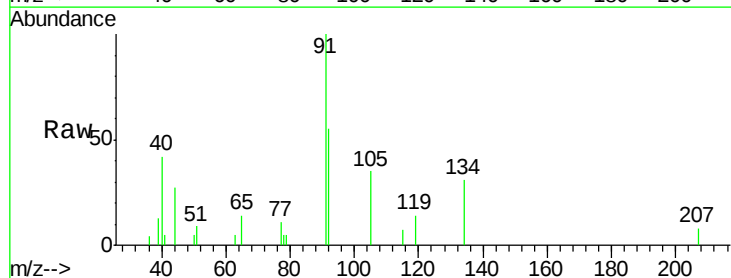


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

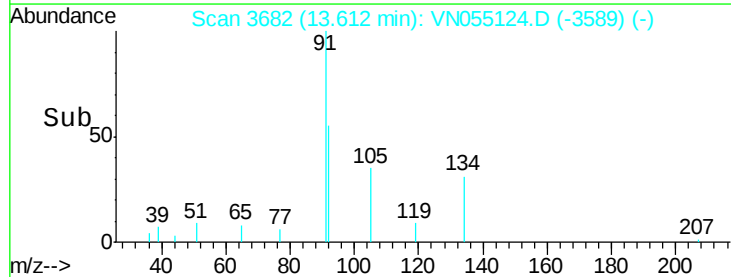
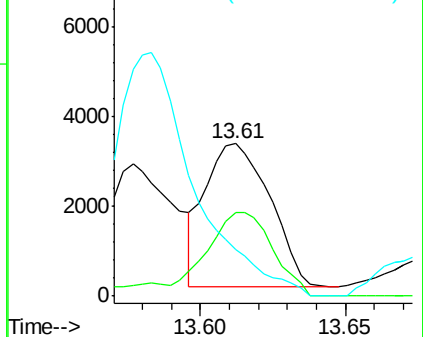


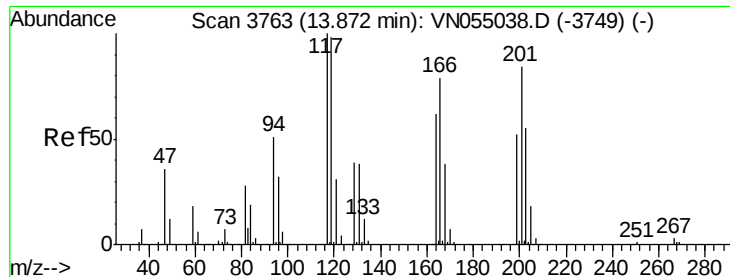
#89
 n-Butylbenzene
 Concen: 0.415 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN055124.D
 Acq: 18 Apr 2019 16:36

Tgt Ion: 91 Resp: 4930
 Ion Ratio Lower Upper
 91 100
 92 58.8 25.9 77.7
 134 0.0 12.8 38.3#



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





#90

Hexachloroethane

Concen: 0.829 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

Instrument :

MSVOA_N

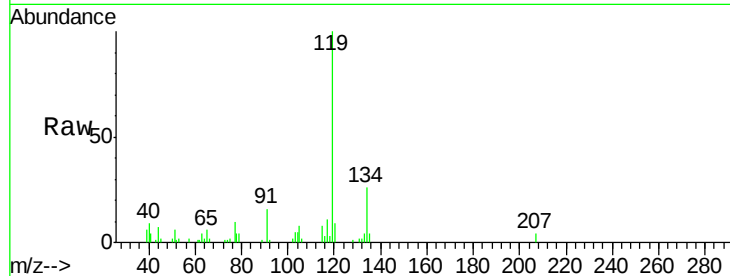
ClientSampled :

Tot Ion:117 Resp: 2156

Ion Ratio Lower Upper

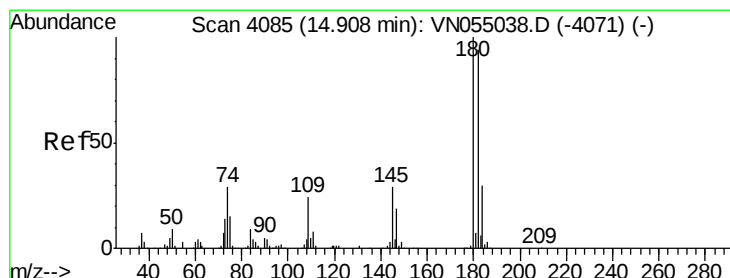
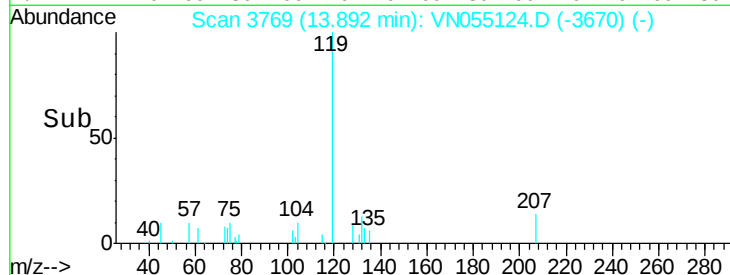
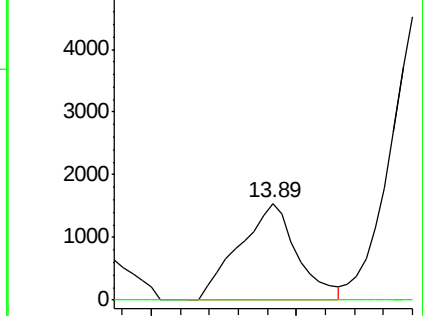
117 100

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



#93

1,2,4-Trichlorobenzene

Concen: 2.703 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

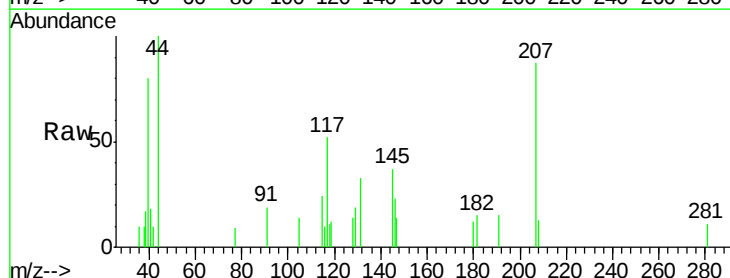
Tgt Ion:180 Resp: 101

Ion Ratio Lower Upper

180 100

182 341.6 47.5 142.6#

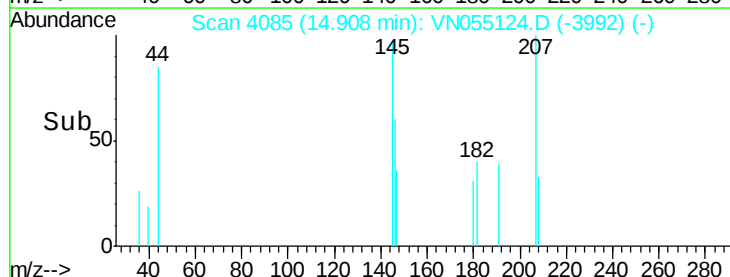
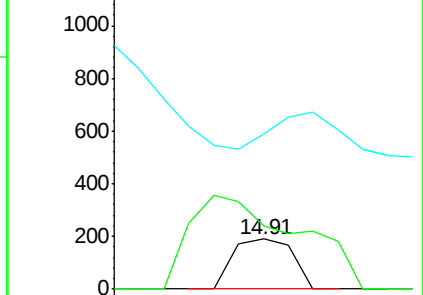
145 0.0 14.2 42.8#

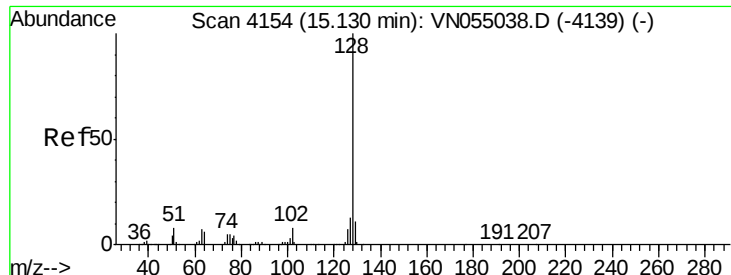


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 3.873 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

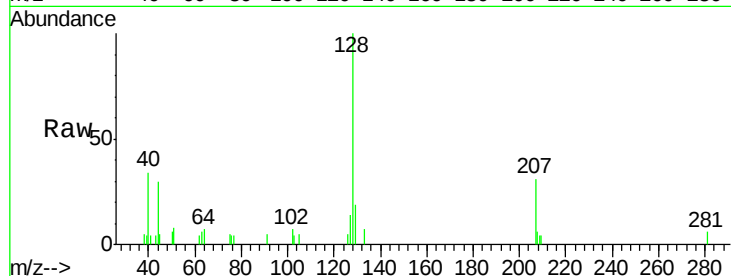
Tot Ion:128 Resp: 7332

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 13.9 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

