

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112018\
 Data File : VN052422.D
 Acq On : 20 Nov 2018 21:45
 Operator : MD\SY
 Sample : J5999-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 23:58:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	313813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	525827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	455540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	163480	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	238337	53.77	ug/l	0.00
Spiked Amount			Recovery	=	107.54%	
35) Dibromofluoromethane	7.59	113	175610	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
50) Toluene-d8	10.09	98	667418	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.40	95	203459	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.54	59	61	0.261	ug/l #	72
13) Acrolein	3.68	56	29	21.845	ug/l #	14
14) Allyl chloride	4.56	41	64444	9.715	ug/l #	23
16) Acetone	3.83	43	8039	6.588	ug/l	98
18) Methyl Acetate	4.29	43	644	0.618	ug/l #	83
20) Methylene Chloride	4.56	84	1404013	382.837	ug/l	96
30) Chloroform	7.37	83	2824	0.408	ug/l	94
31) Cyclohexane	7.67	56	10803	0.554	ug/l #	35
36) 1,1-Dichloropropene	7.67	75	31019	5.886	ug/l #	51
38) Carbon Tetrachloride	7.67	117	35035	7.236	ug/l #	16
40) Benzene	8.04	78	15738	1.045	ug/l	99
41) Methacrylonitrile	7.18	41	29	3.708	ug/l #	100
43) Isopropyl Acetate	8.17	43	18837	2.552	ug/l #	88
47) Bromodichloromethane	9.41	83	1431	0.282	ug/l #	80
48) Methyl methacrylate	9.18	41	5474	1.462	ug/l #	16
51) 4-Methyl-2-Pentanone	10.03	43	3504	0.943	ug/l #	41
52) Toluene	10.16	92	103153	11.453	ug/l	97
53) t-1,3-Dichloropropene	10.15	75	1272	0.248	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	23470	4.022	ug/l #	71
57) 1,3-Dichloropropane	10.76	76	5437	0.940	ug/l #	44
59) 2-Hexanone	10.76	43	92428	36.168	ug/l #	55
67) Ethyl Benzene	11.51	91	33914	2.029	ug/l	100
68) m/p-Xylenes	11.62	106	40262	6.594	ug/l	97
69) o-Xylene	11.95	106	19025	3.250	ug/l	95
76) 1,2,3-Trichloropropane	12.40	75	116117	41.860	ug/l #	100
78) n-propylbenzene	12.59	91	8292	0.539	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	12497	1.196	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	116117	135.768	ug/l #	5
83) tert-Butylbenzene	13.04	119	5868	0.636	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.04	105	46262	4.409	ug/l	100
85) sec-Butylbenzene	13.04	105	46262	3.680	ug/l #	58
89) n-Butylbenzene	13.54	91	2766	0.302	ug/l #	54
90) Hexachloroethane	13.89	117	497	0.264	ug/l #	14
95) Naphthalene	15.13	128	8980	4.075	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

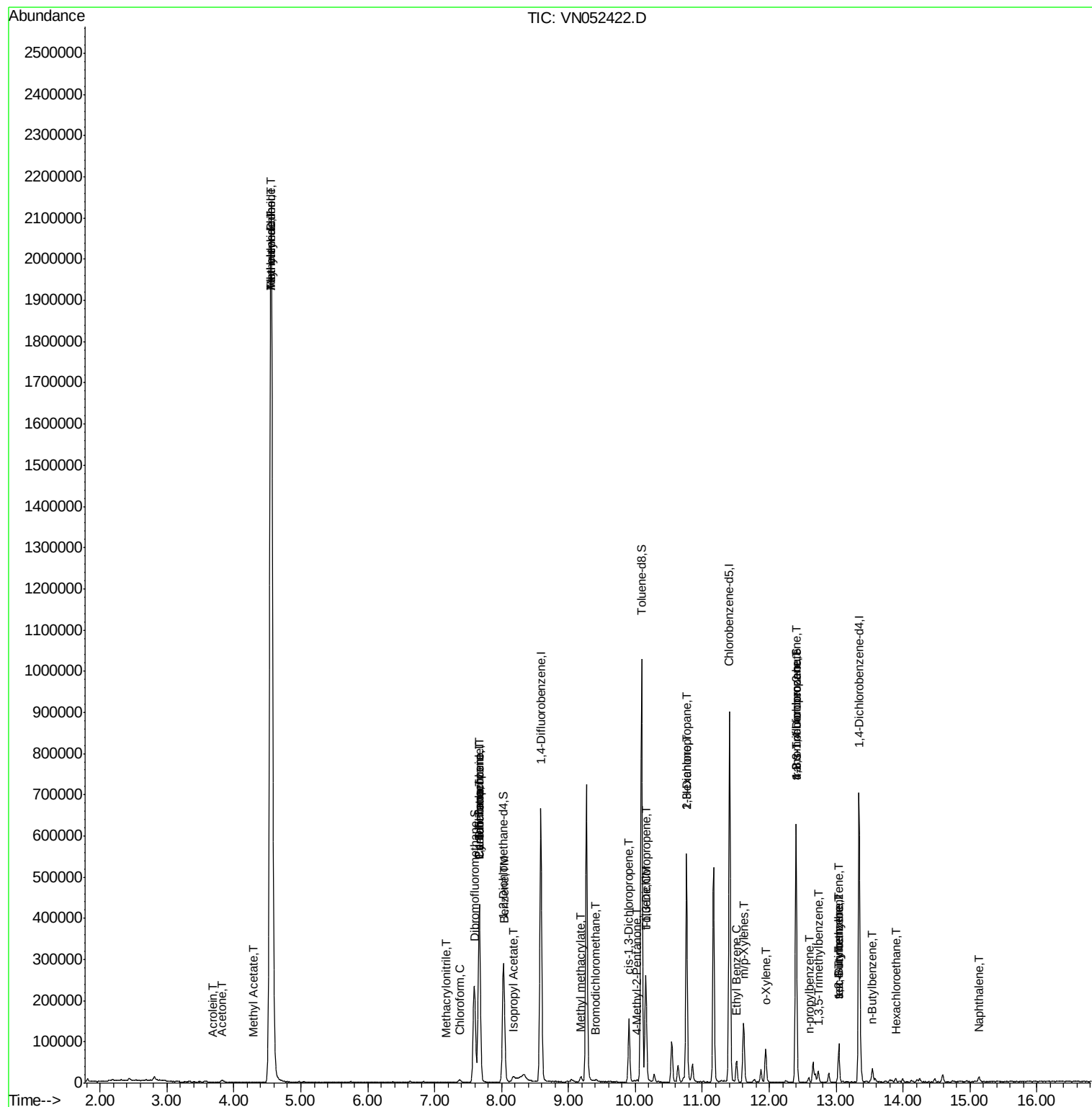
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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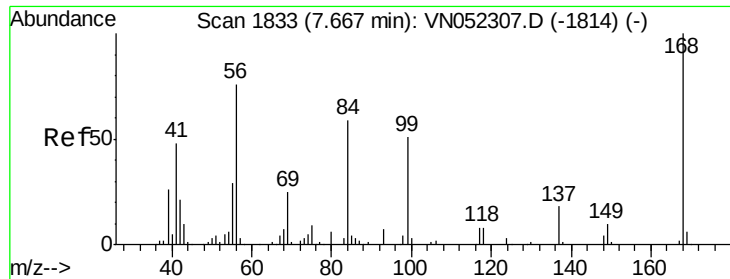
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112018\
Data File : VN052422.D
Acq On : 20 Nov 2018 21:45
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Sample : J5999-01
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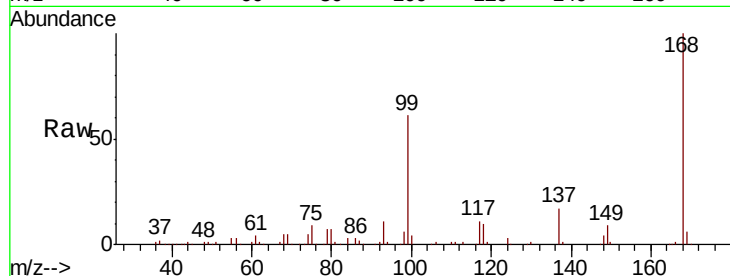




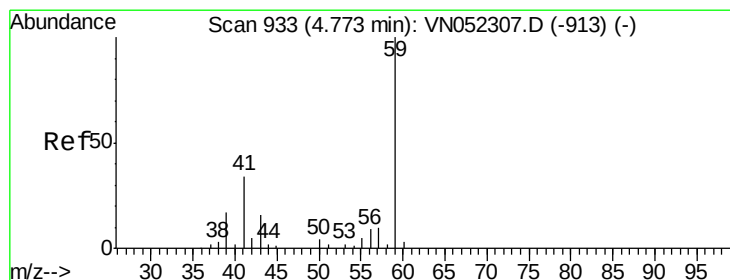
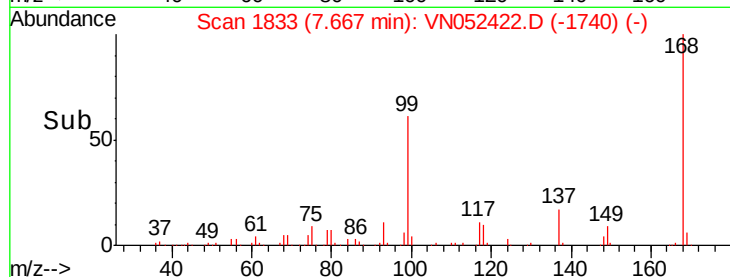
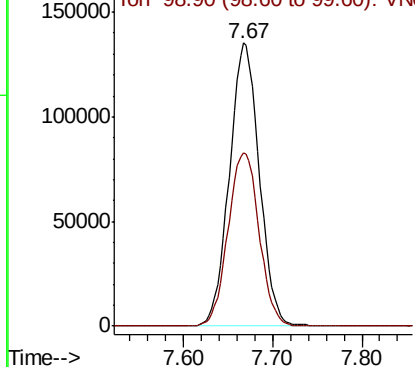
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052422.D
Acq: 20 Nov 2018 21:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 313813
Ion Ratio Lower Upper
168 100
99 61.2 47.9 71.9

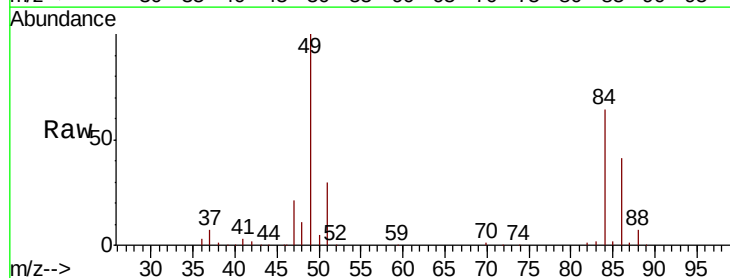


Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)
Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

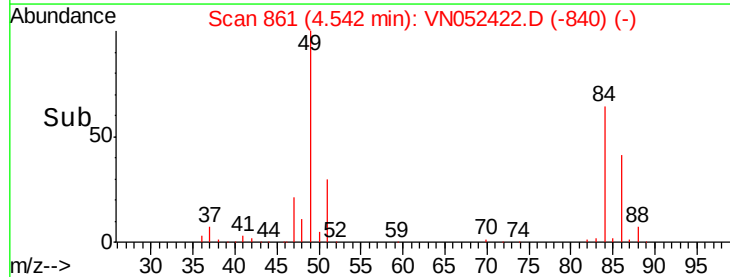
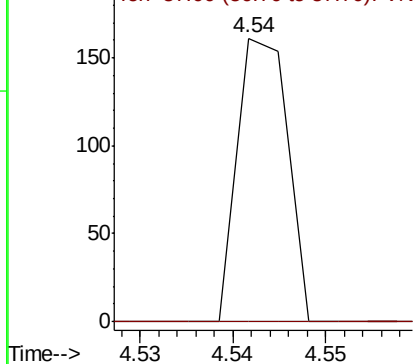


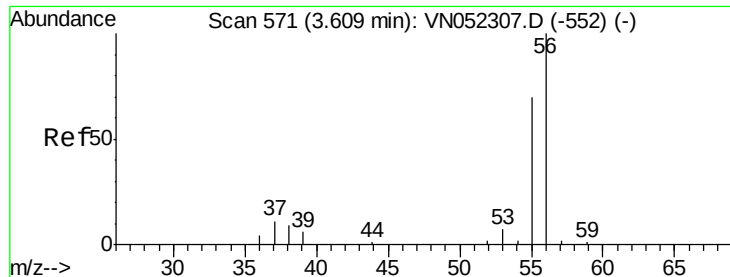
#11
Tert butyl alcohol
Concen: 0.261 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.23 min
Lab File: VN052422.D
Acq: 20 Nov 2018 21:45

Tgt Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN052307.D (-913) (-)
Ion 57.00 (56.70 to 57.70): VN052307.D (-913) (-)





#13

Acrolein

Concen: 21.845 ug/l

RT: 3.68 min Scan# 593

Delta R.T. 0.07 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

Instrument :

MSVOA_N

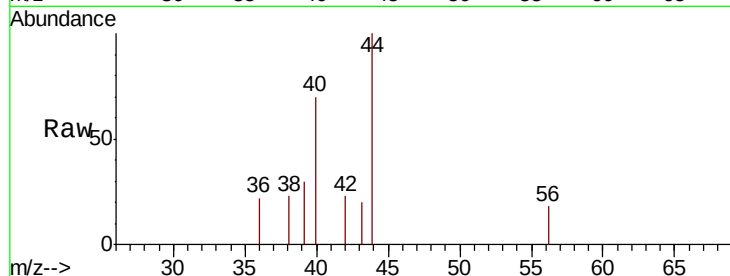
ClientSampleId :

Tot Ion: 56 Resp: 29

Ion Ratio Lower Upper

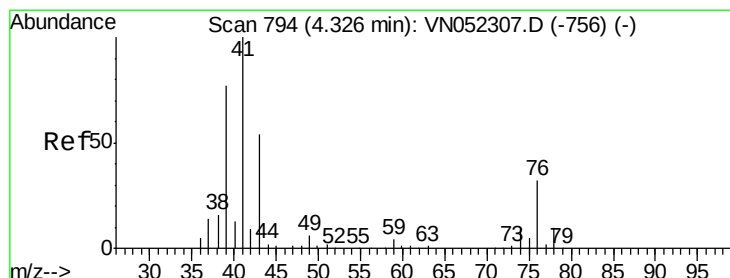
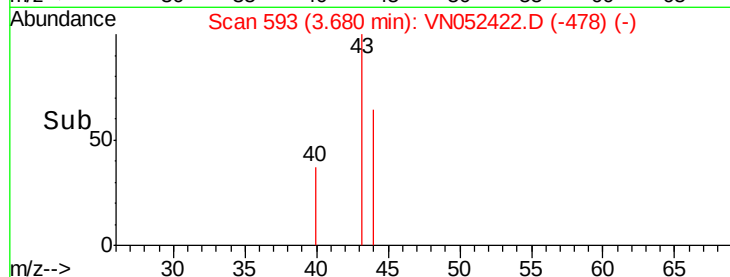
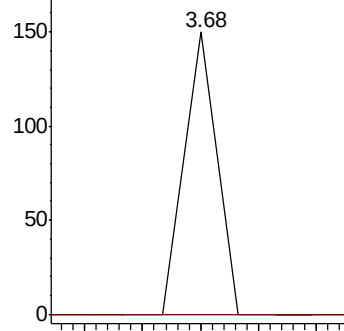
56 100

55 0.0 57.6 86.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 9.715 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.23 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

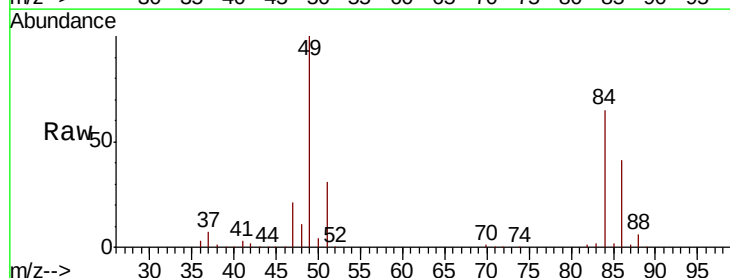
Tgt Ion: 41 Resp: 64444

Ion Ratio Lower Upper

41 100

39 1.1 59.1 88.7#

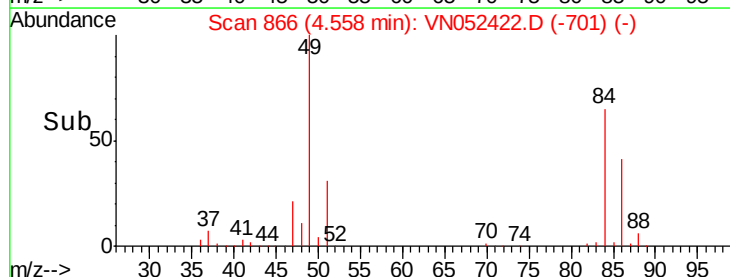
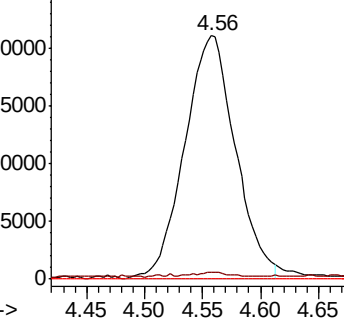
76 0.0 24.1 36.1#

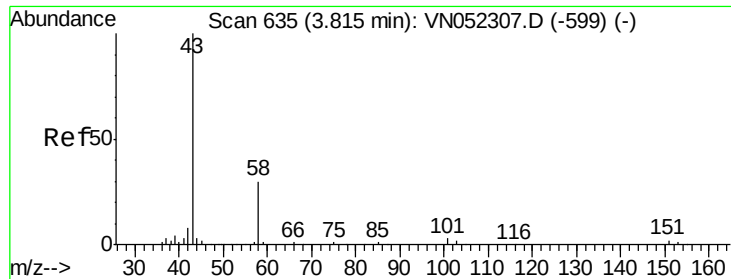


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 6.588 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

Instrument :

MSVOA_N

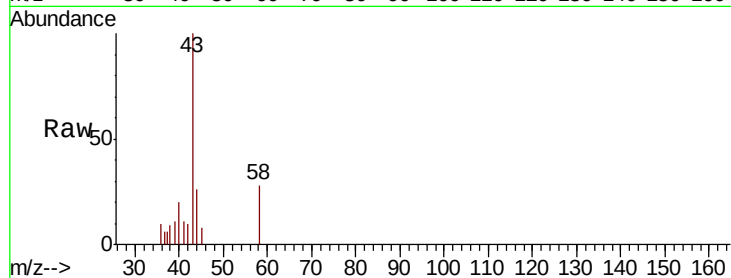
ClientSampled :

Tot Ion: 43 Resp: 8039

Ion Ratio Lower Upper

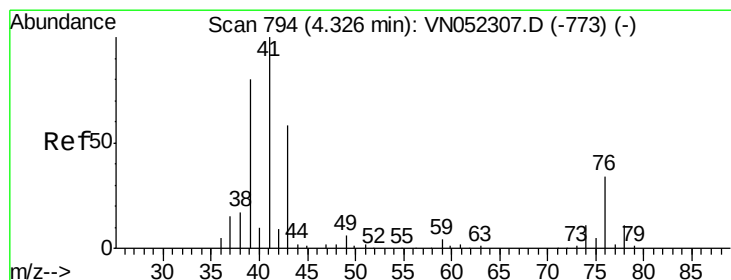
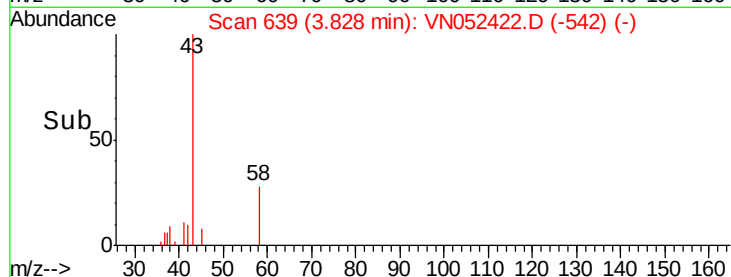
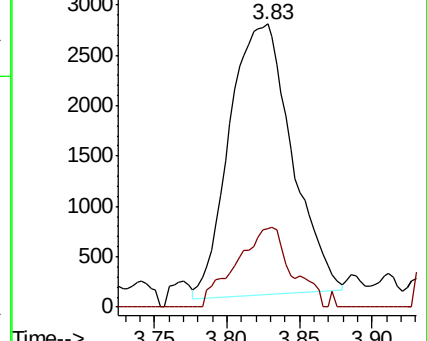
43 100

58 29.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-599) (-)



#18

Methyl Acetate

Concen: 0.618 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.03 min

Lab File: VN052422.D

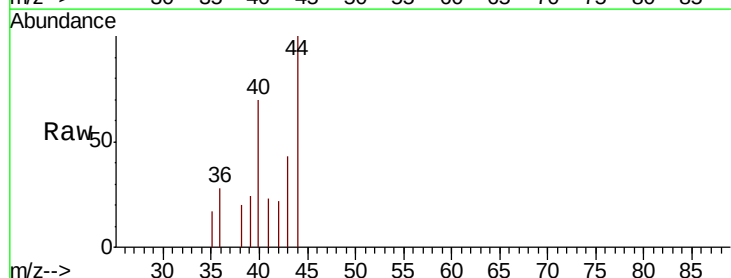
Acq: 20 Nov 2018 21:45

Tgt Ion: 43 Resp: 644

Ion Ratio Lower Upper

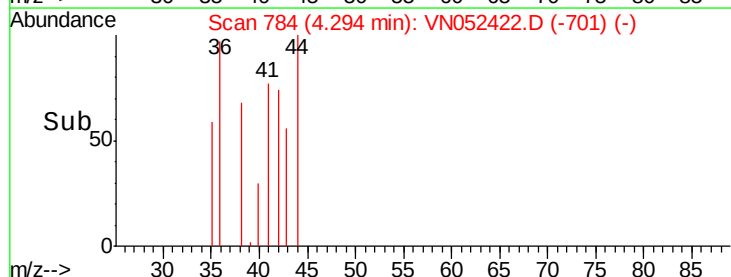
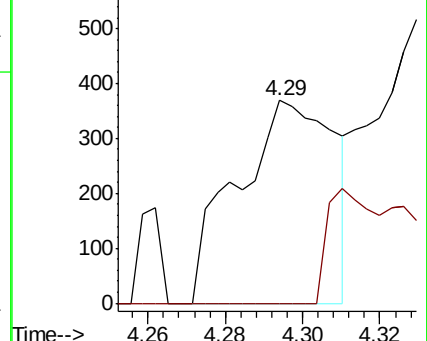
43 100

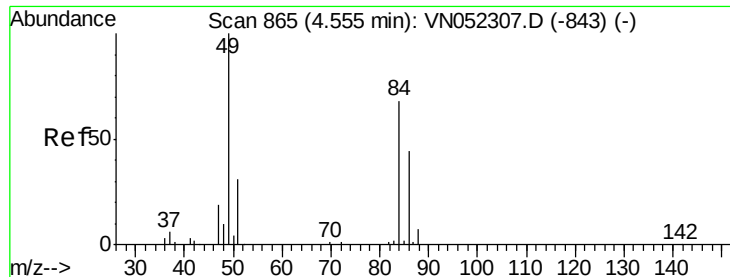
74 27.5 15.9 23.9#



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-773) (-)

Ion 74.00 (73.70 to 74.70): VN052307.D (-773) (-)

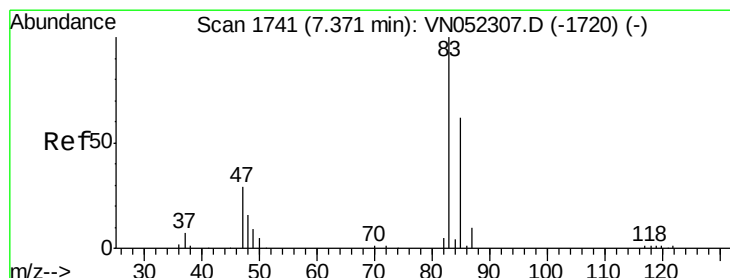
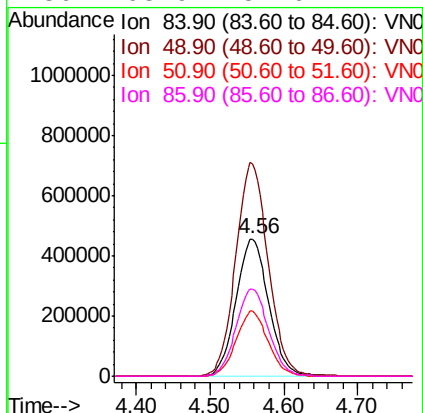
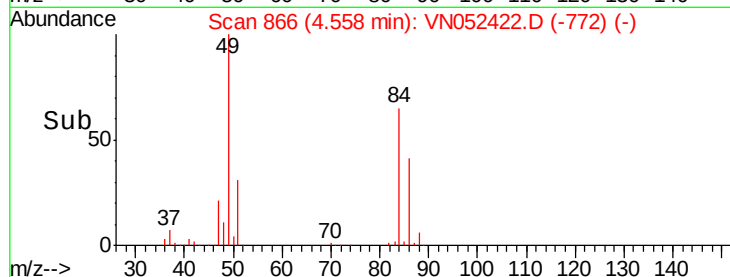
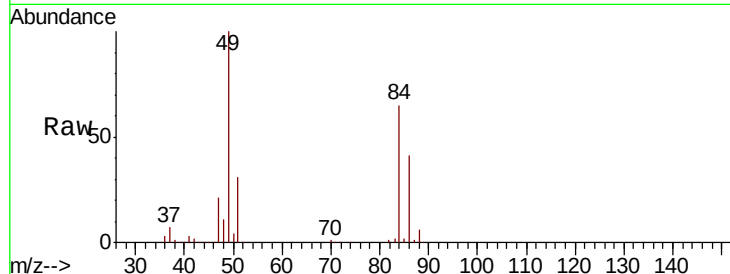




#20
Methylene Chloride
Concen: 382.837 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052422.D
Acq: 20 Nov 2018 21:45

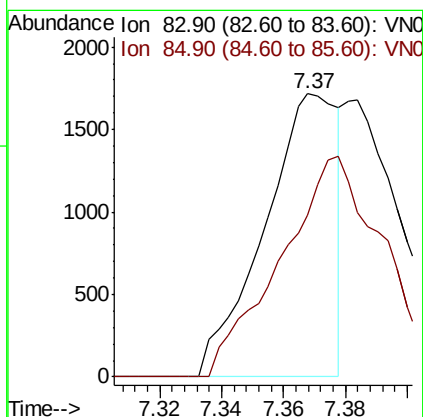
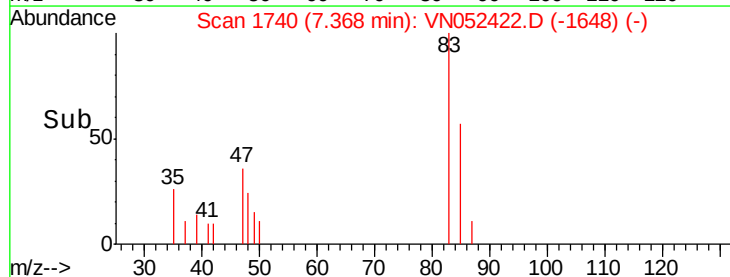
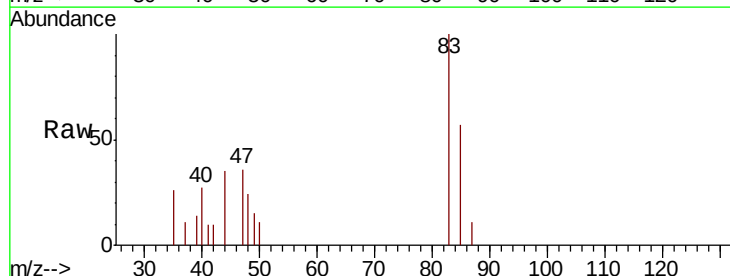
Instrument :
MSVOA_N
ClientSampled :

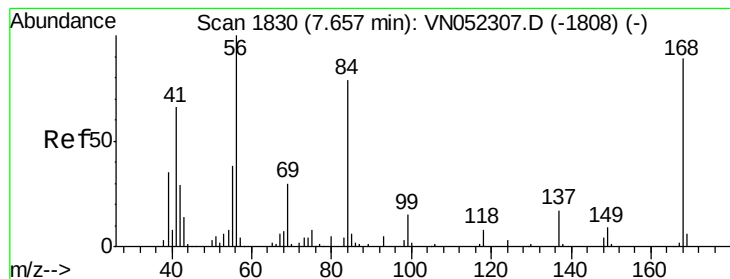
Tot Ion: 84 Resp: 1404013
Ion Ratio Lower Upper
84 100
49 154.7 118.2 177.2
51 47.4 36.1 54.1
86 63.9 51.6 77.4



#30
Chloroform
Concen: 0.408 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN052422.D
Acq: 20 Nov 2018 21:45

Tgt Ion: 83 Resp: 2824
Ion Ratio Lower Upper
83 100
85 57.3 49.4 74.2





#31

Cyclohexane

Concen: 0.554 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.01 min

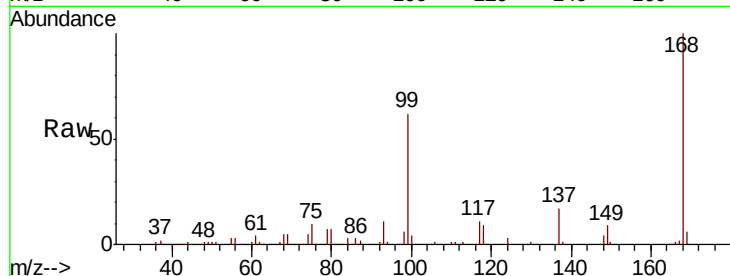
Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

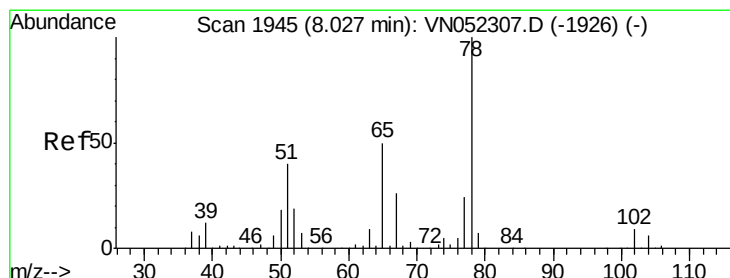
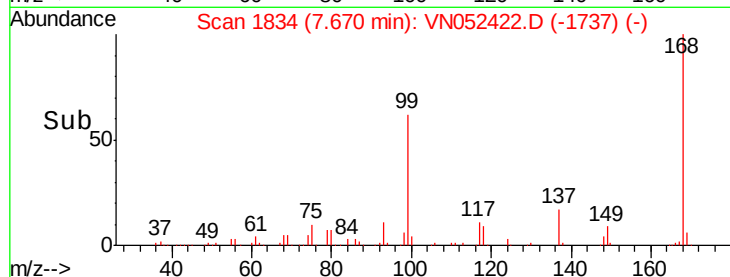
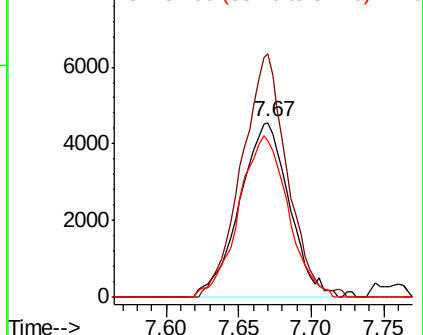
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 10803

Ion	Ratio	Lower	Upper
56	100		
69	139.5	23.8	35.8#
84	89.7	63.0	94.6



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



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

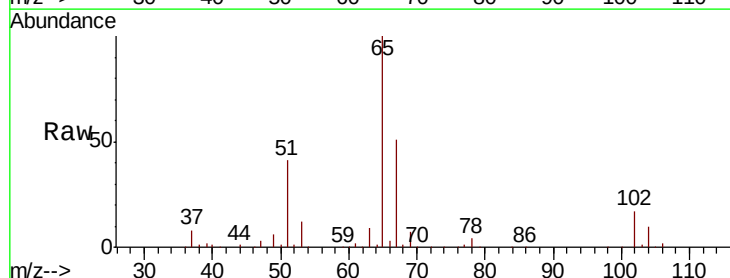
Delta R.T. -0.00 min

Lab File: VN052422.D

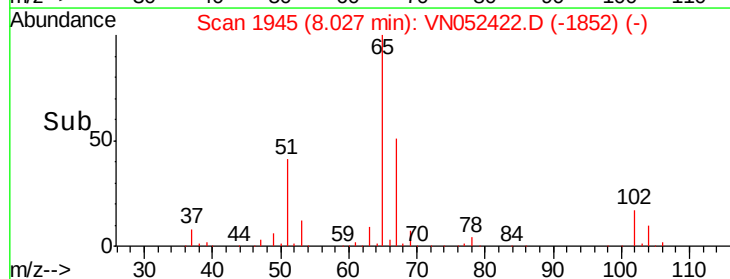
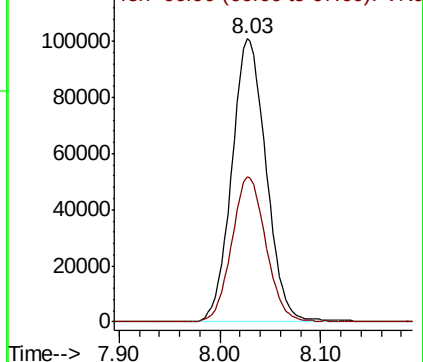
Acq: 20 Nov 2018 21:45

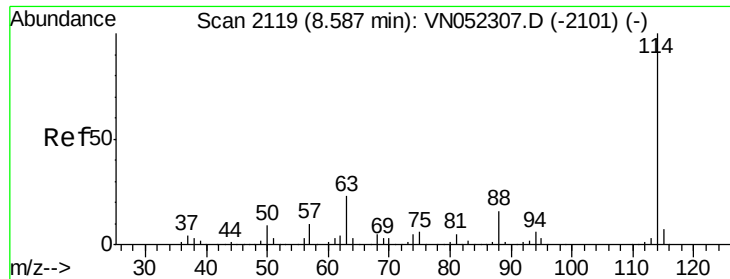
Tgt Ion: 65 Resp: 238337

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	105.2



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

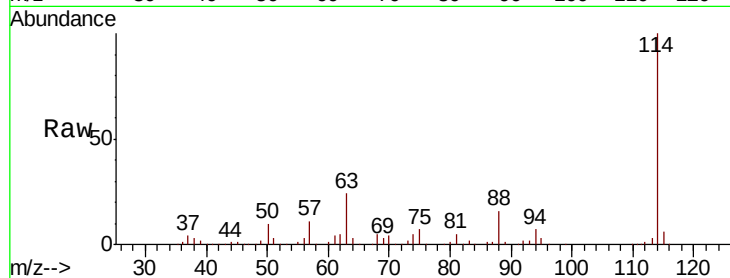




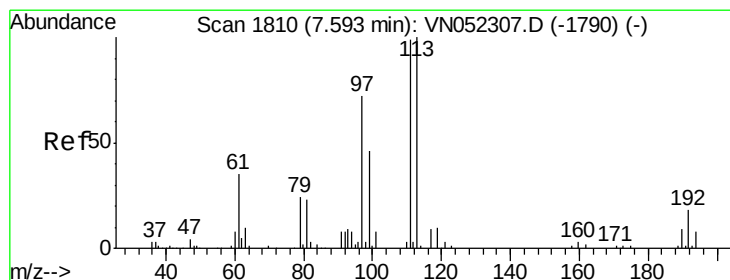
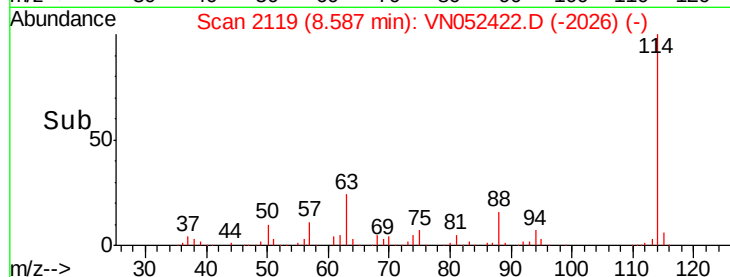
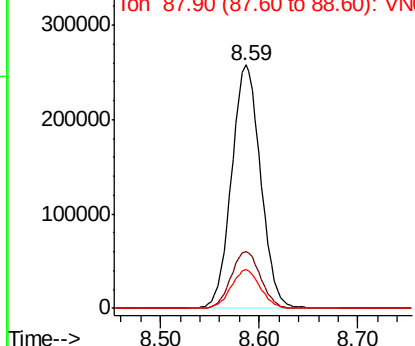
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052422.D
 Acq: 20 Nov 2018 21:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 525827
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.4
 88 15.7 0.0 31.2

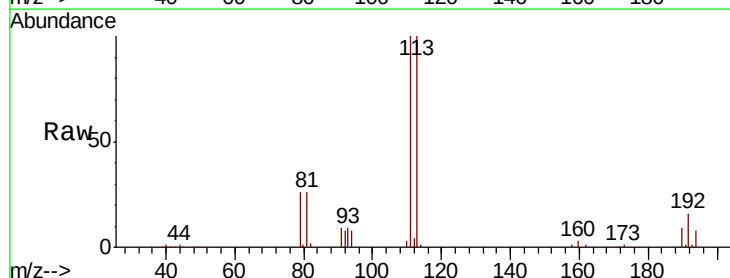


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

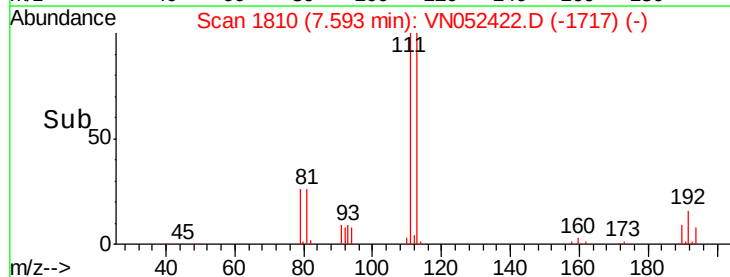
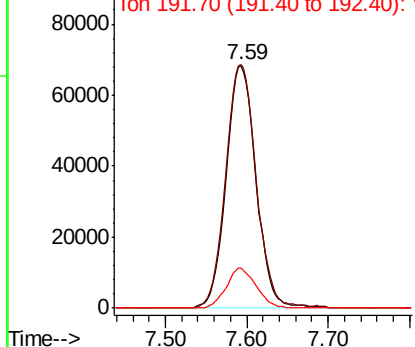


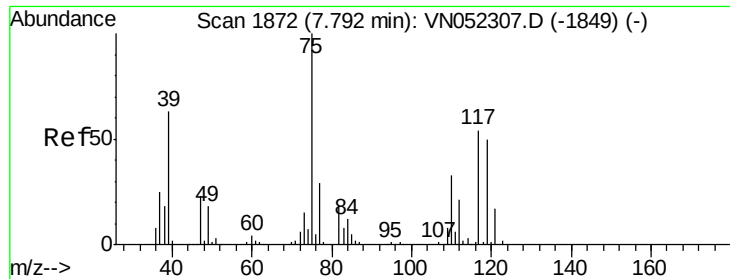
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052422.D
 Acq: 20 Nov 2018 21:45

Tgt Ion:113 Resp: 175610
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.0 121.6
 192 16.5 13.8 20.6



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

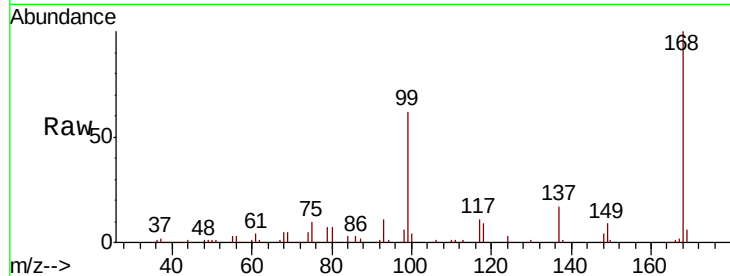




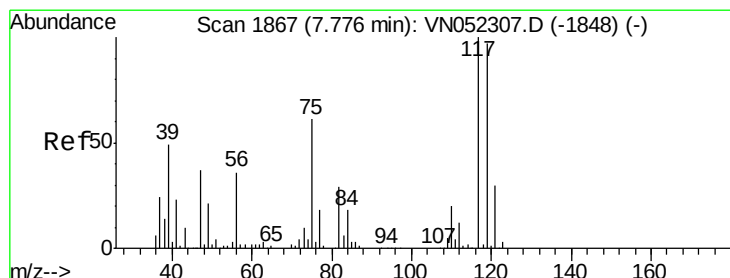
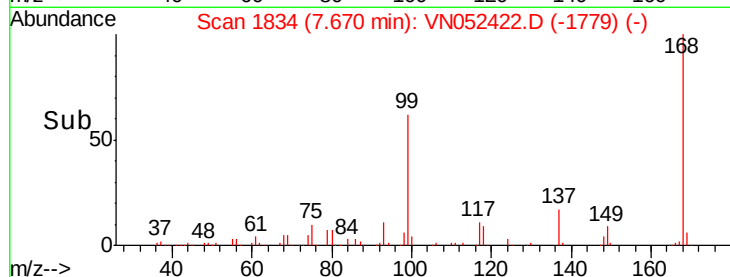
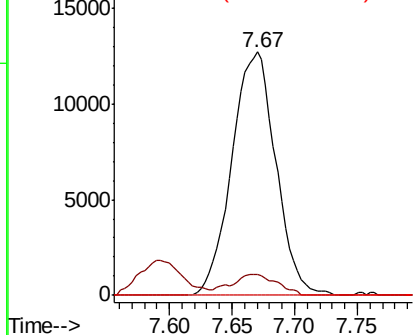
#36
 1,1-Dichloropropene
 Concen: 5.886 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN052422.D
 Acq: 20 Nov 2018 21:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 31019
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.5 49.5#
 77 0.0 24.2 36.2#

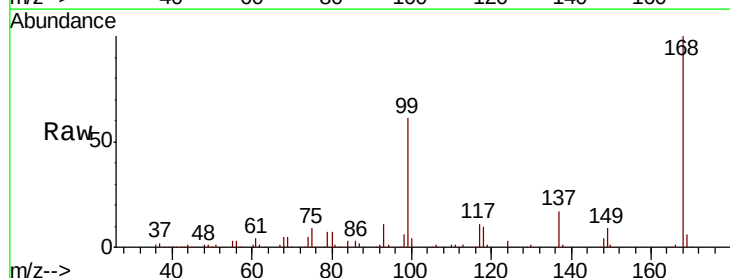


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

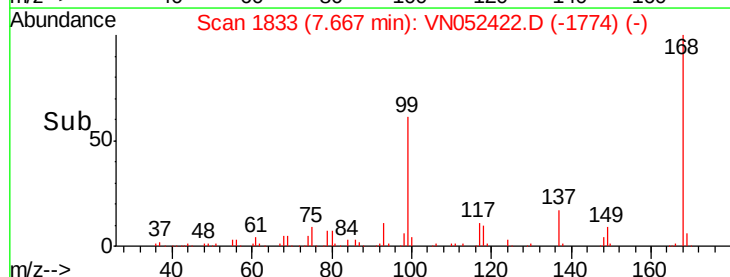
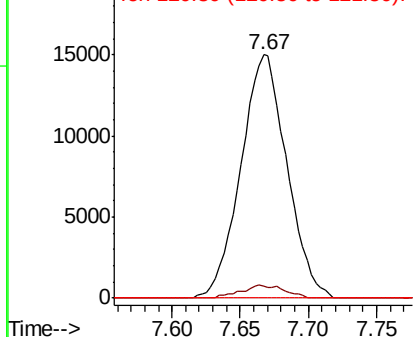


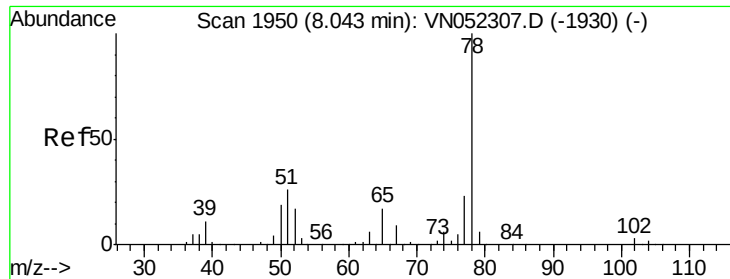
#38
 Carbon Tetrachloride
 Concen: 7.236 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052422.D
 Acq: 20 Nov 2018 21:45

Tgt Ion: 117 Resp: 35035
 Ion Ratio Lower Upper
 117 100
 119 5.1 77.4 116.0#
 121 0.0 24.0 36.0#



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





#40

Benzene

Concen: 1.045 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.00 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

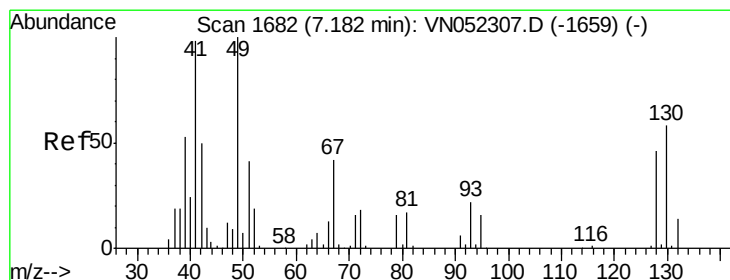
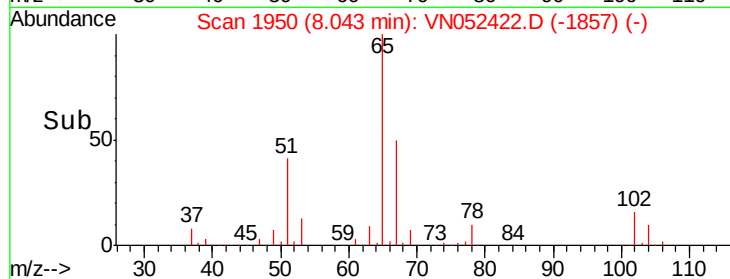
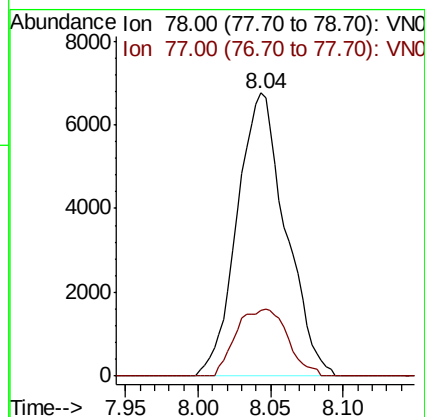
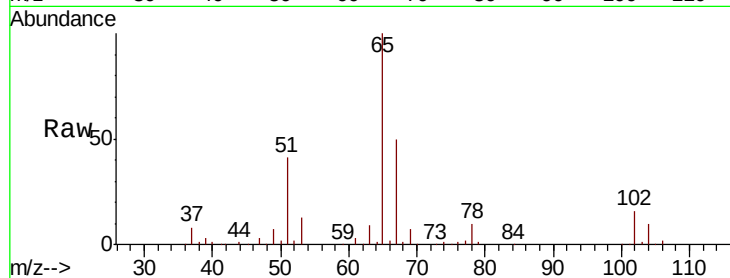
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 78 Resp: 15738

Ion Ratio Lower Upper

78 100

77 23.0 18.7 28.1



#41

Methacrylonitrile

Concen: 3.708 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

Tgt Ion: 41 Resp: 29

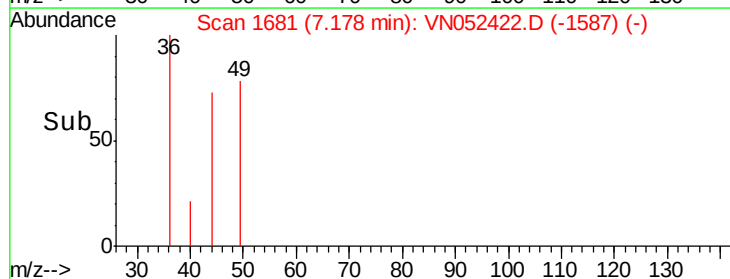
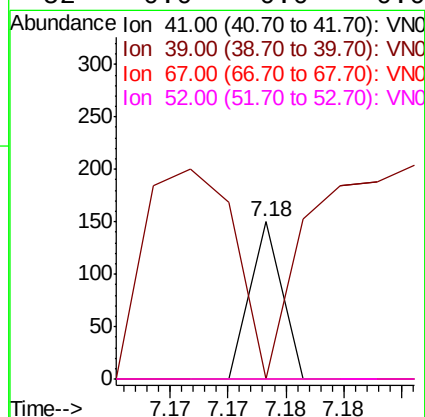
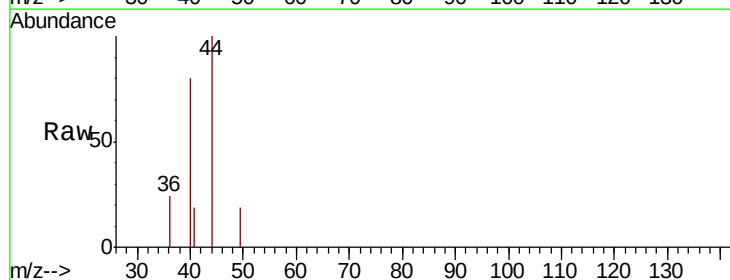
Ion Ratio Lower Upper

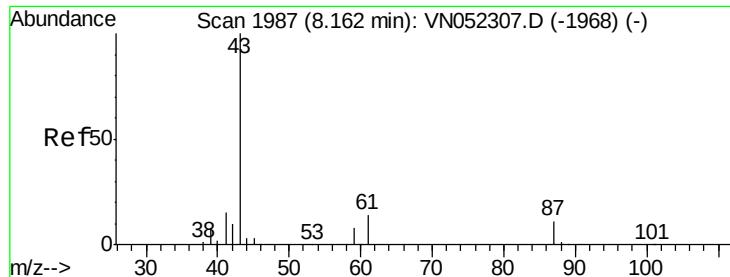
41 100

39 369.0 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 2.552 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

Instrument :

MSVOA_N

ClientSampled :

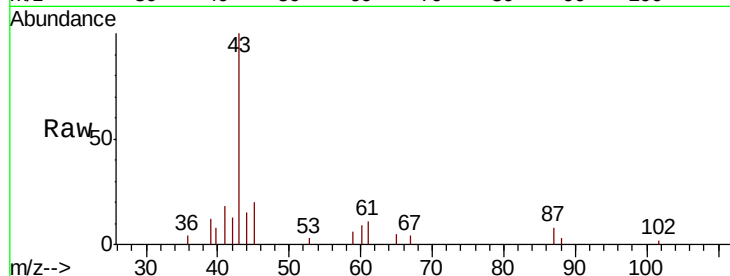
Tot Ion: 43 Resp: 18837

Ion Ratio Lower Upper

43 100

61 9.9 12.0 18.0#

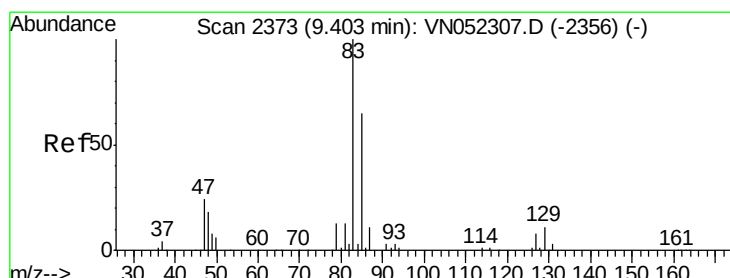
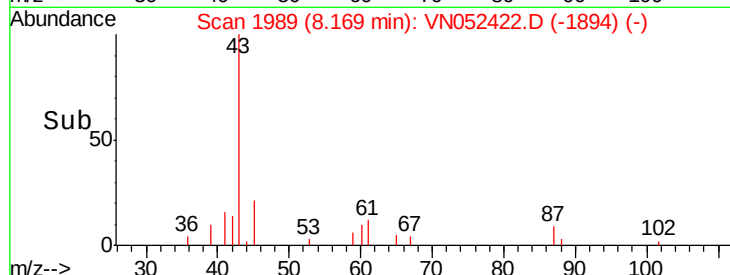
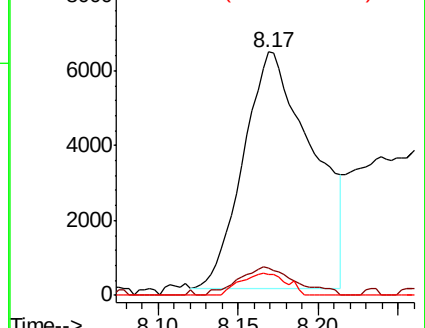
87 6.1 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#47

Bromodichloromethane

Concen: 0.282 ug/l

RT: 9.41 min Scan# 2375

Delta R.T. 0.01 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

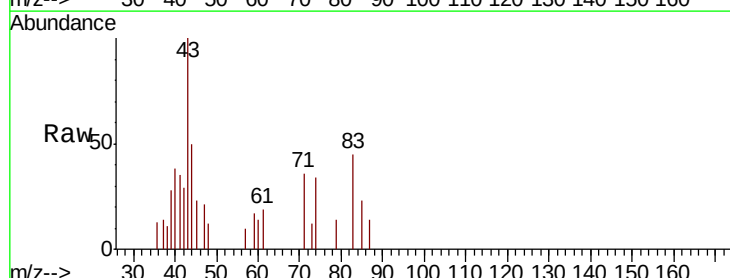
Tgt Ion: 83 Resp: 1431

Ion Ratio Lower Upper

83 100

85 50.0 52.2 78.4#

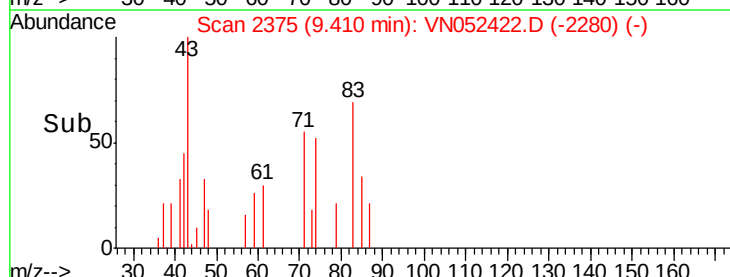
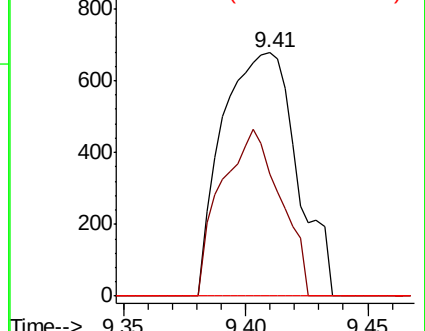
127 0.0 6.7 10.1#

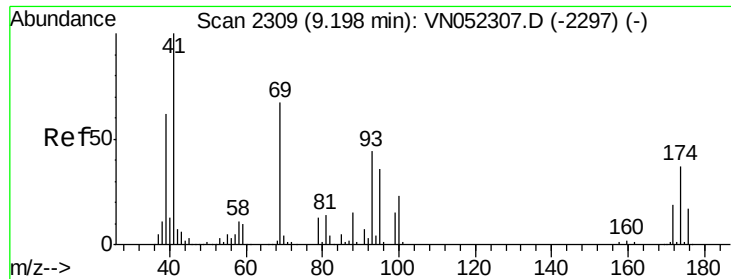


Abundance Ion 82.90 (82.60 to 83.60): VN052307.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN052307.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN052307.D (-2356) (-)

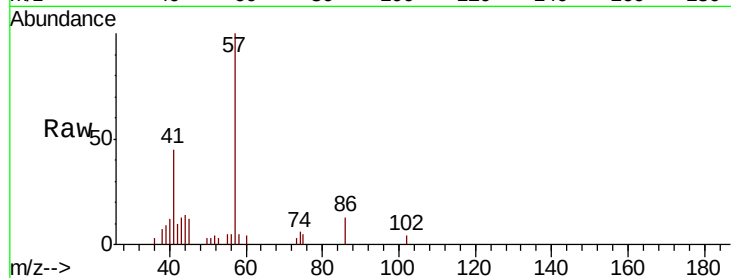




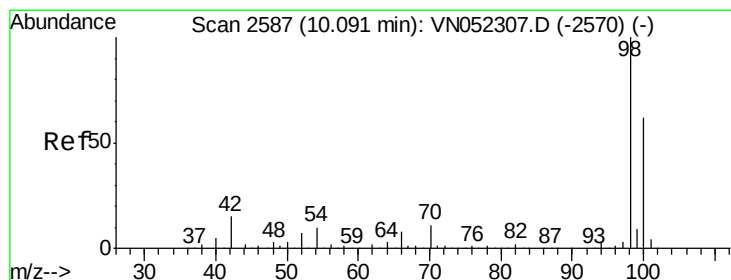
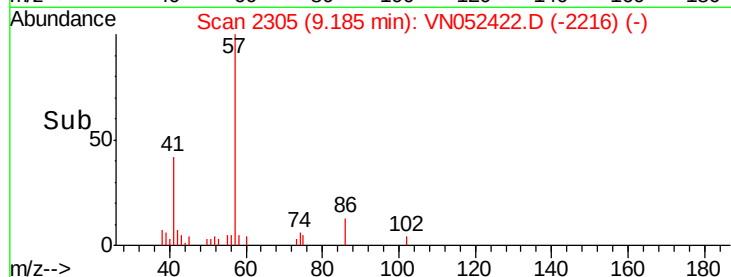
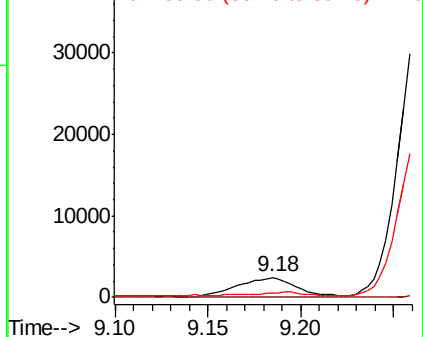
#48
Methvl methacrylate
Concen: 1.462 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN052422.D
Acq: 20 Nov 2018 21:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 5474
Ion Ratio Lower Upper
41 100
69 0.0 57.1 85.7#
39 0.0 52.5 78.7#

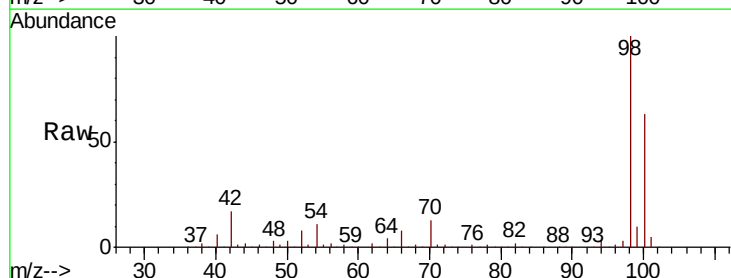


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

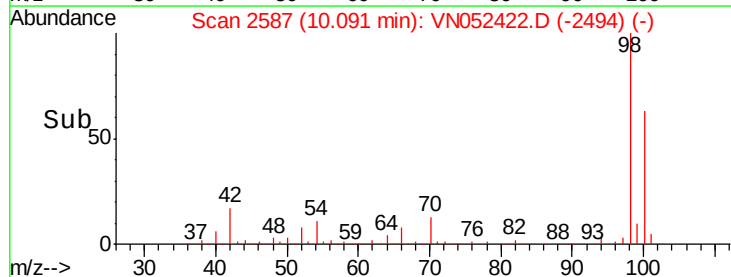
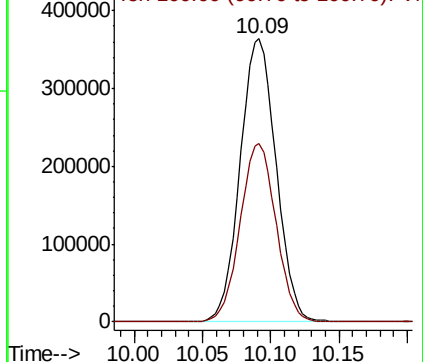


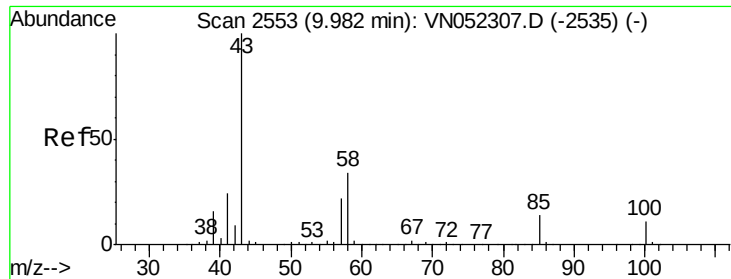
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052422.D
Acq: 20 Nov 2018 21:45

Tgt Ion: 98 Resp: 667418
Ion Ratio Lower Upper
98 100
100 62.8 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.943 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

Instrument :

MSVOA_N

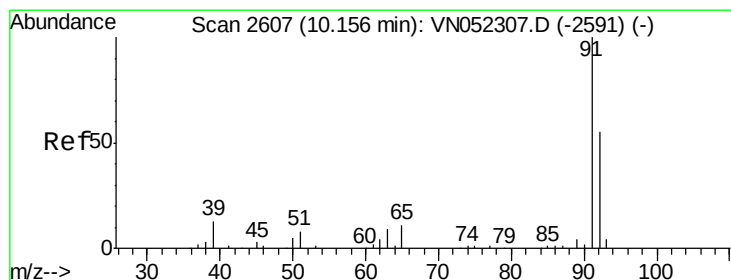
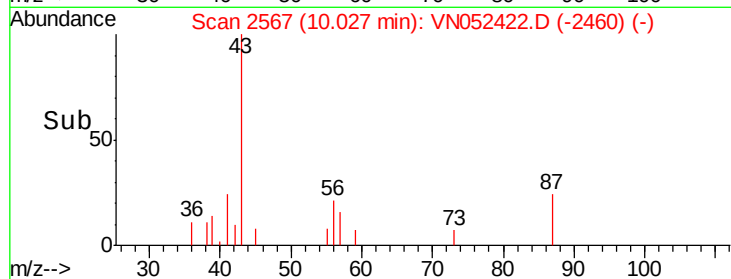
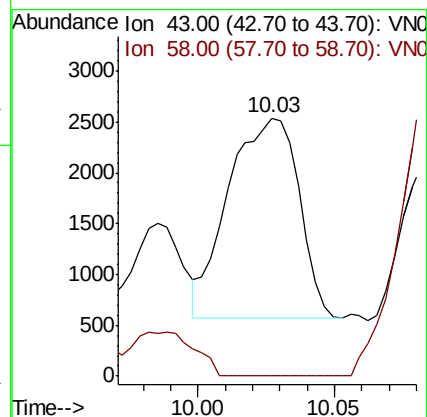
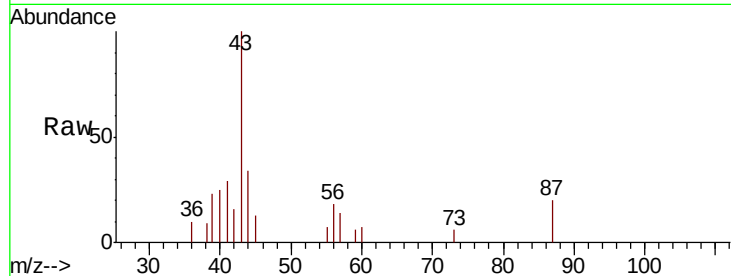
ClientSampled :

Tot Ion: 43 Resp: 3504

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.6#



#52

Toluene

Concen: 11.453 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052422.D

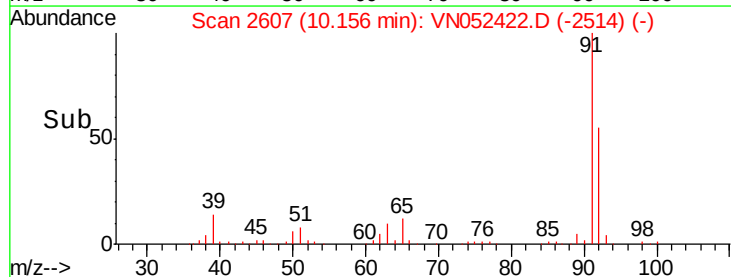
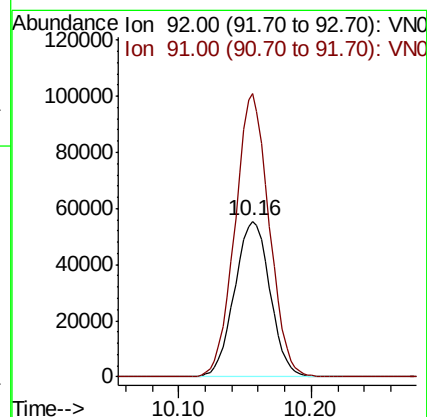
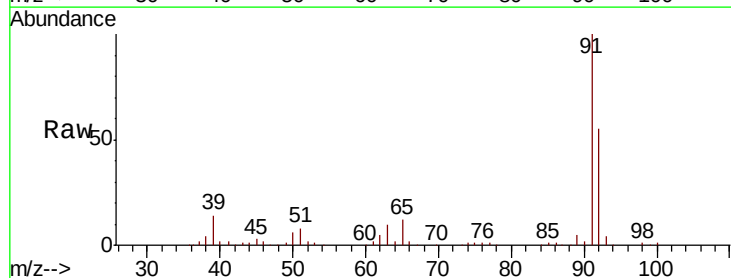
Acq: 20 Nov 2018 21:45

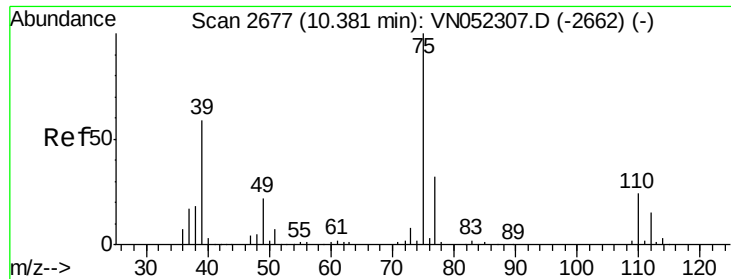
Tgt Ion: 92 Resp: 103153

Ion Ratio Lower Upper

92 100

91 174.9 143.6 215.4

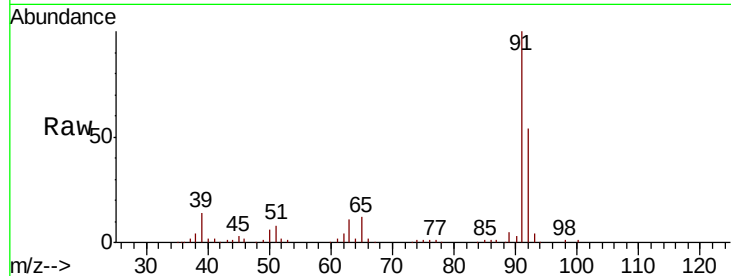




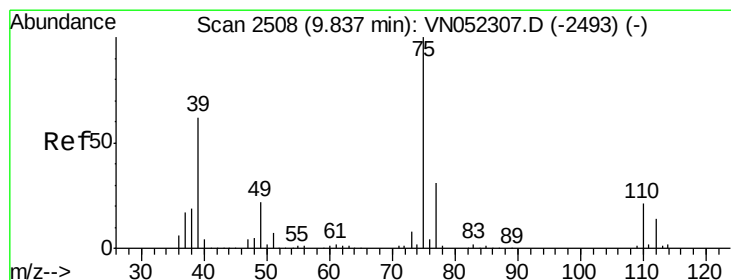
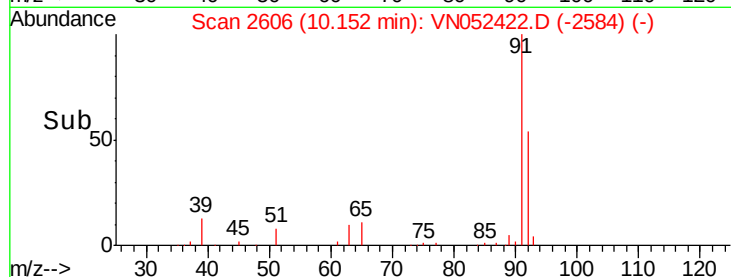
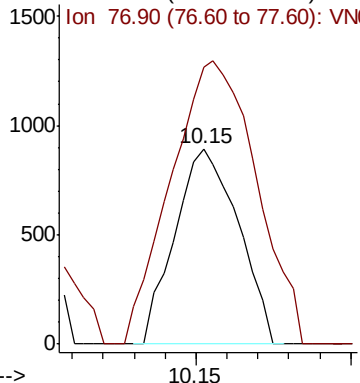
#53
t-1,3-Dichloropropene
Concen: 0.248 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.23 min
Lab File: VN052422.D
Acq: 20 Nov 2018 21:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 75 Resp: 1272
Ion Ratio Lower Upper
75 100
77 122.8 25.7 38.5#

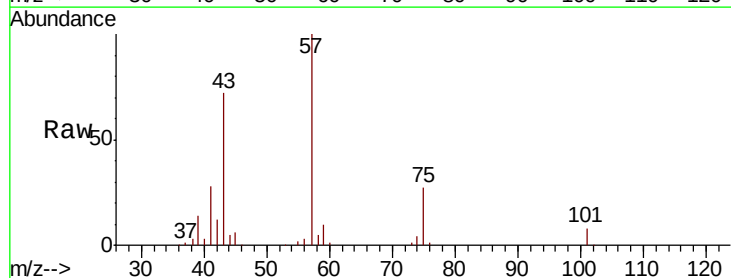


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 76.90 (76.60 to 77.60): VN0

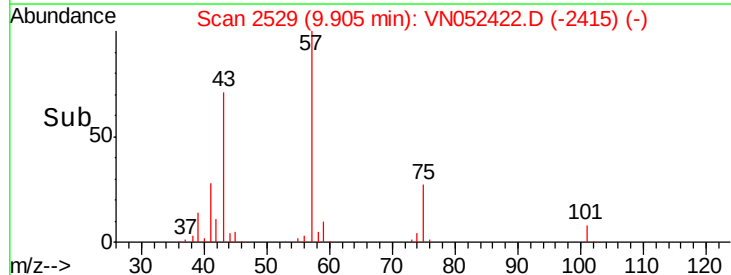
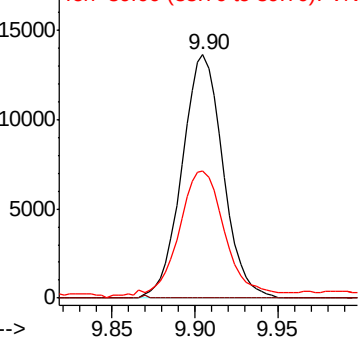


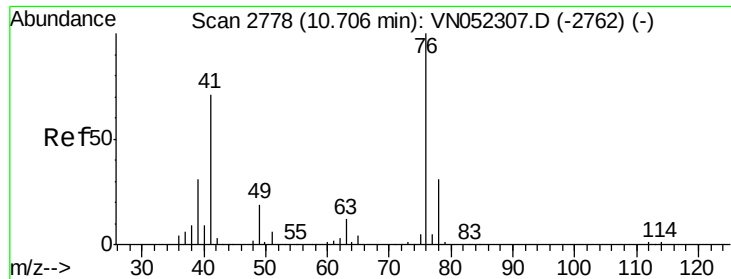
#54
cis-1,3-Dichloropropene
Concen: 4.022 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN052422.D
Acq: 20 Nov 2018 21:45

Tgt Ion: 75 Resp: 23470
Ion Ratio Lower Upper
75 100
77 0.0 24.6 36.8#
39 50.7 49.9 74.9



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

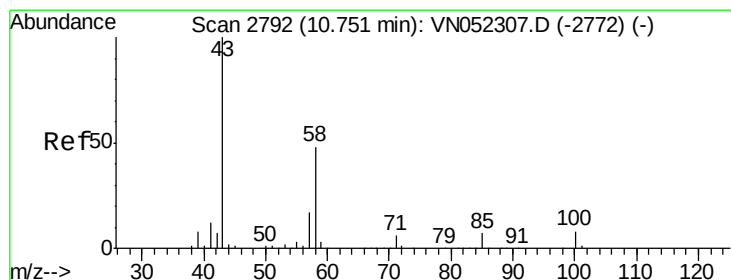
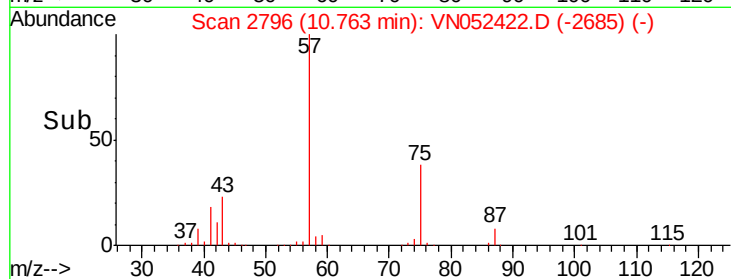
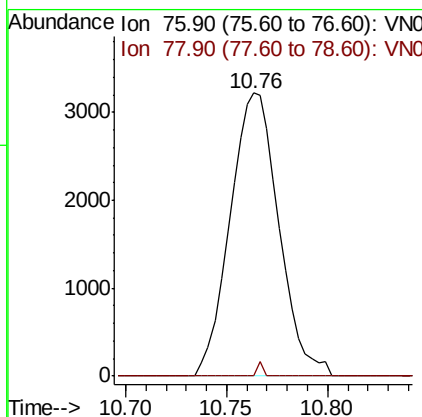
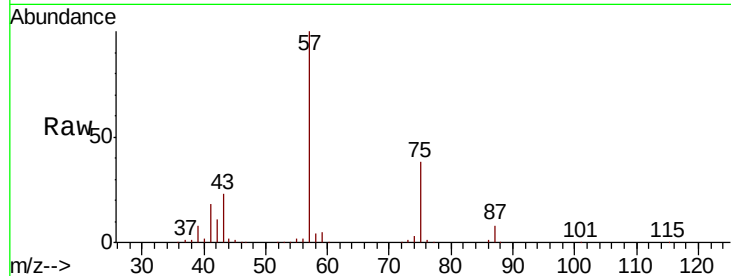




#57
 1,3-Dichloropropane
 Concen: 0.940 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN052422.D
 Acq: 20 Nov 2018 21:45

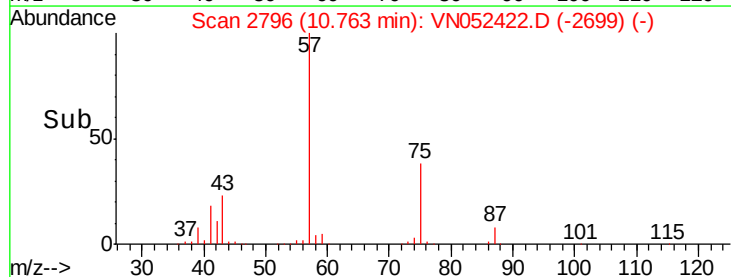
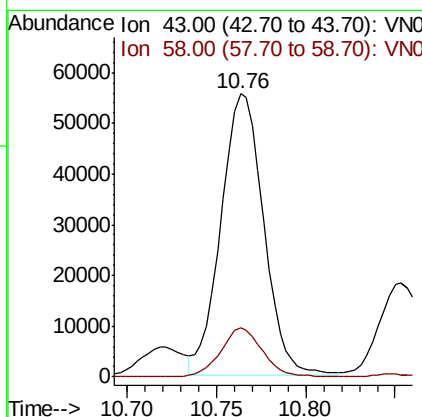
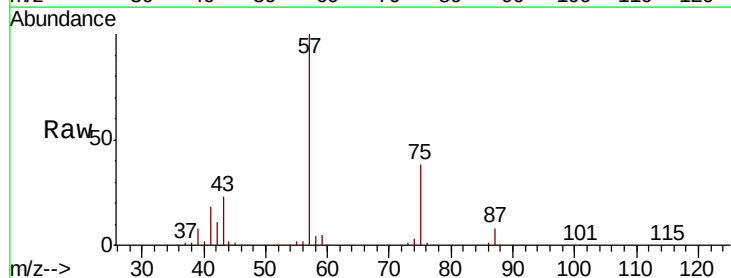
Instrument :
 MSVOA_N
 ClientSampleId :

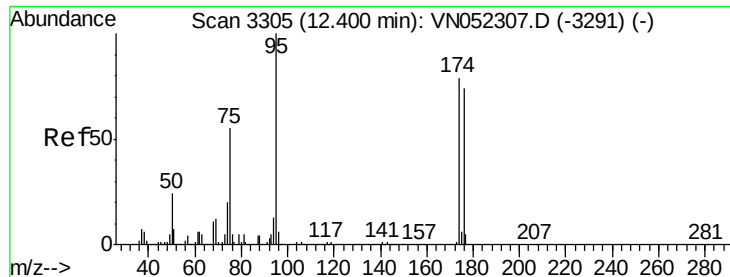
Tot Ion: 76 Resp: 5437
 Ion Ratio Lower Upper
 76 100
 78 0.6 25.7 38.5#



#59
 2-Hexanone
 Concen: 36.168 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN052422.D
 Acq: 20 Nov 2018 21:45

Tgt Ion: 43 Resp: 92428
 Ion Ratio Lower Upper
 43 100
 58 17.0 23.5 70.6#





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

Instrument :

MSVOA_N

ClientSampleId :

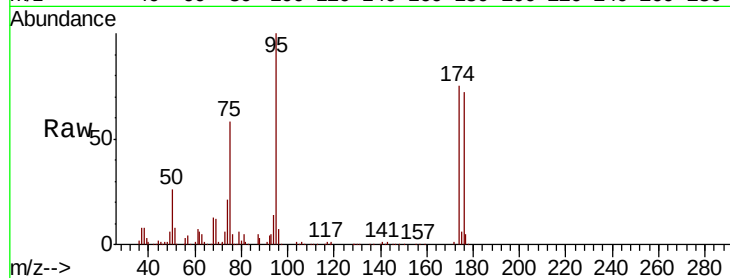
Tot Ion: 95 Resp: 203459

Ion Ratio Lower Upper

95 100

174 74.1 0.0 156.0

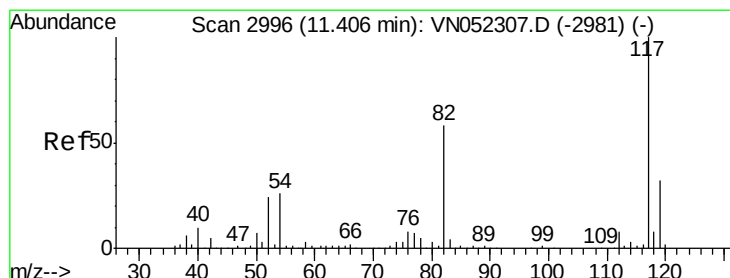
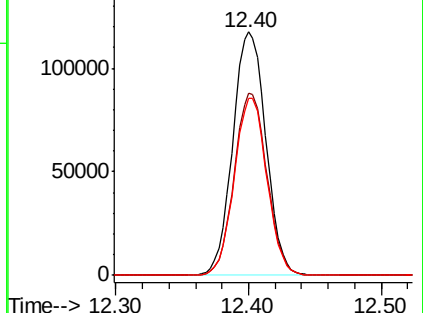
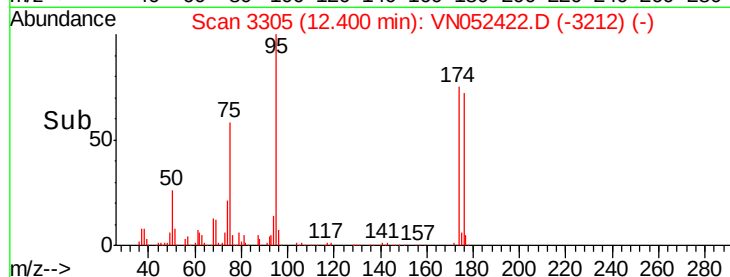
176 71.9 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052422.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN052422.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN052422.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

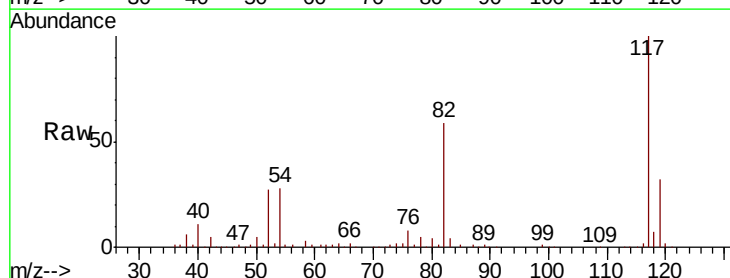
Tgt Ion: 117 Resp: 455540

Ion Ratio Lower Upper

117 100

82 59.0 46.5 69.7

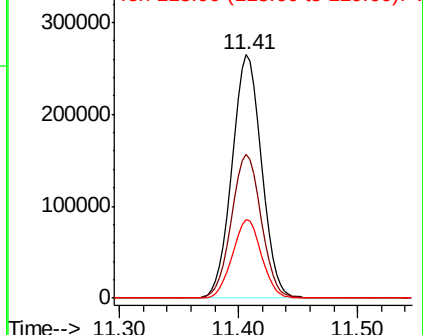
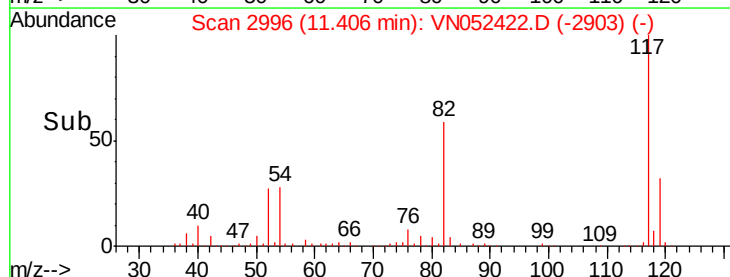
119 32.4 25.7 38.5

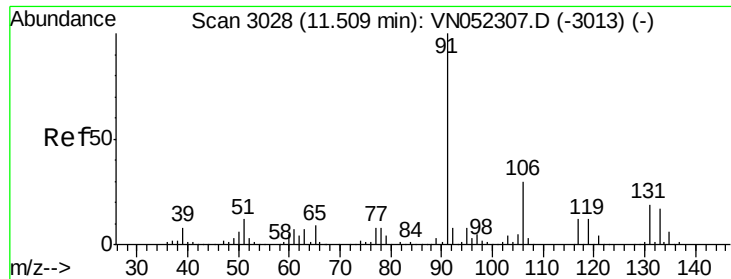


Abundance Ion 116.90 (116.60 to 117.60): VN052422.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052422.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052422.D (-2903) (-)

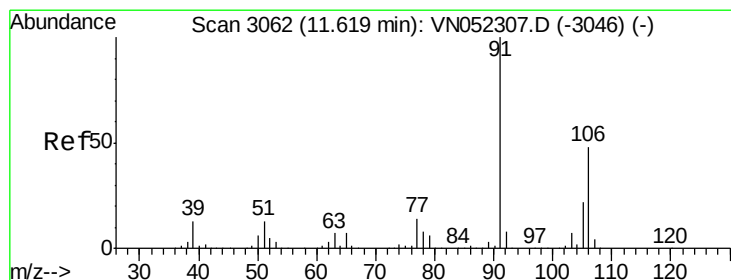
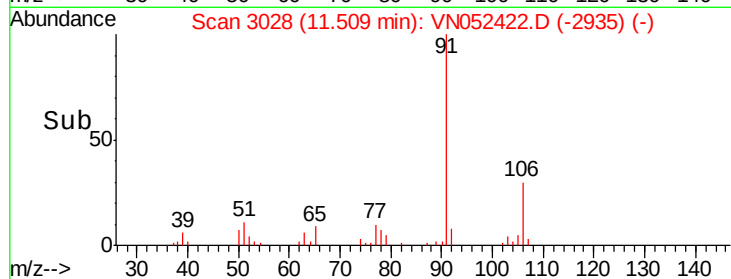
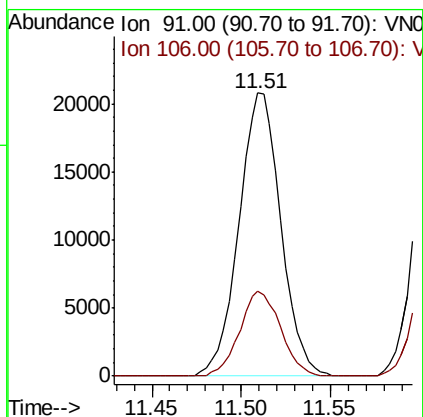
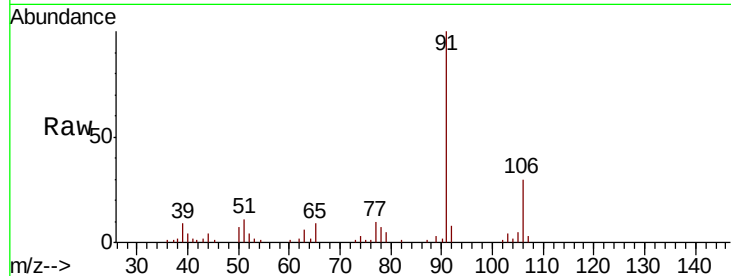




#67
Ethyl Benzene
Concen: 2.029 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052422.D
Acq: 20 Nov 2018 21:45

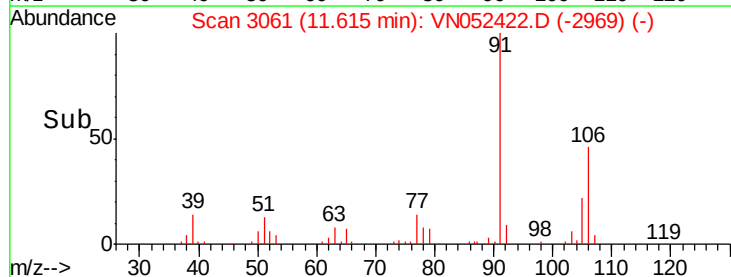
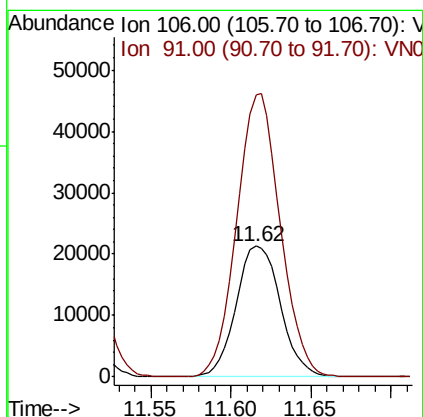
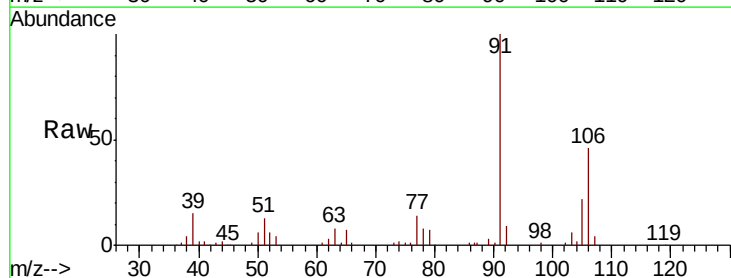
Instrument :
MSVOA_N
ClientSampleId :

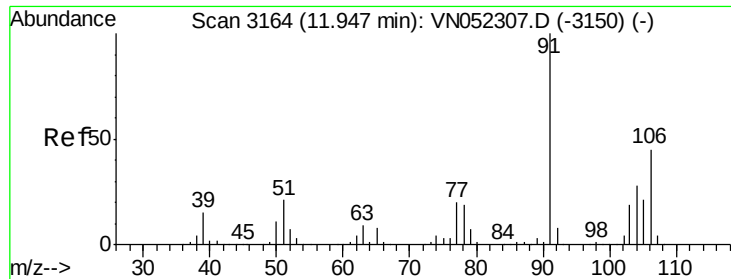
Tot Ion: 91 Resp: 33914
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.2



#68
m/p-Xylenes
Concen: 6.594 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN052422.D
Acq: 20 Nov 2018 21:45

Tgt Ion: 106 Resp: 40262
Ion Ratio Lower Upper
106 100
91 212.0 165.5 248.3

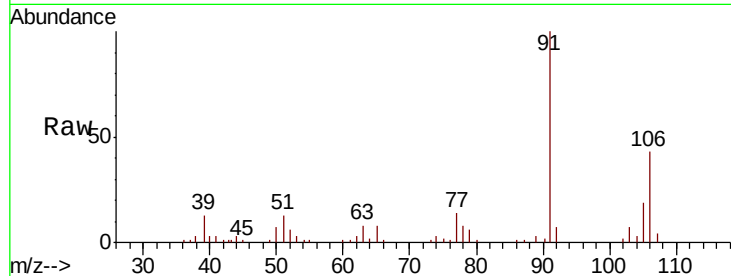




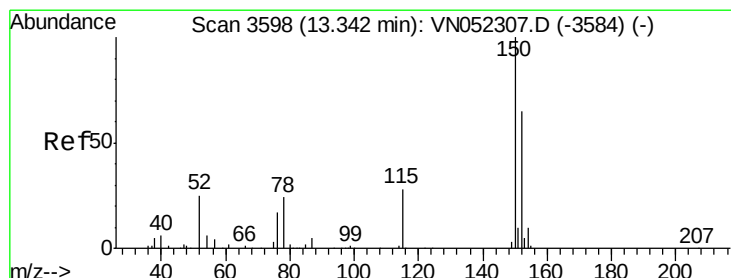
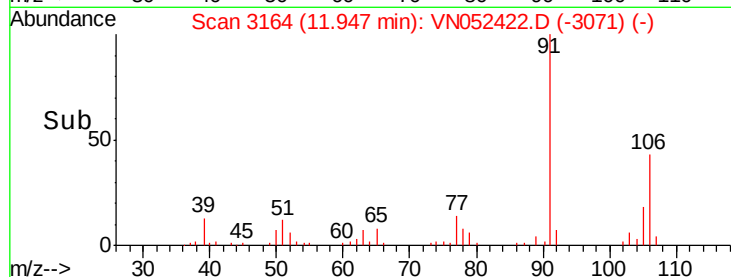
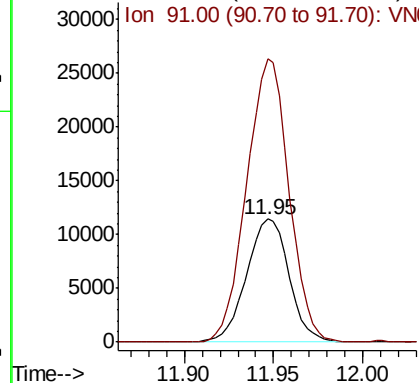
#69
o-Xylene
Concen: 3.250 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052422.D
Acq: 20 Nov 2018 21:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 19025
Ion Ratio Lower Upper
106 100
91 228.6 110.0 330.0

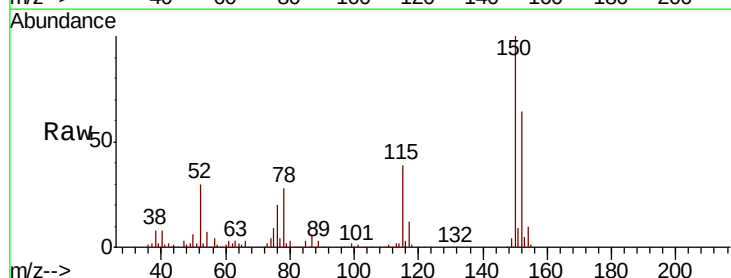


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

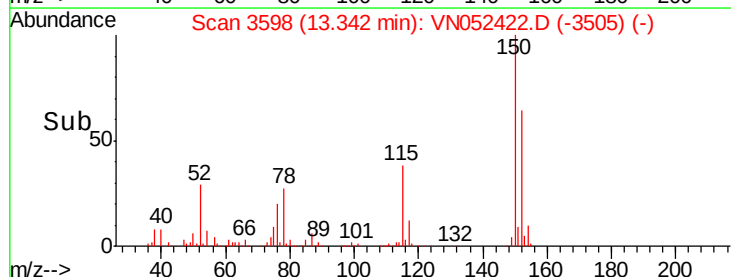
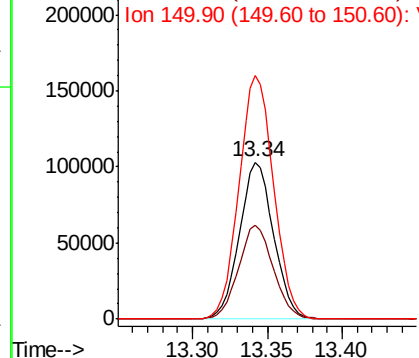


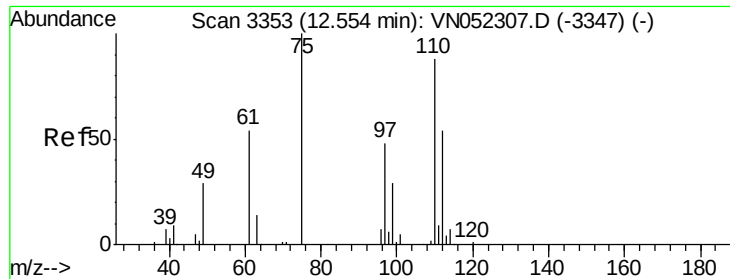
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052422.D
Acq: 20 Nov 2018 21:45

Tgt Ion:152 Resp: 163480
Ion Ratio Lower Upper
152 100
115 61.4 30.3 91.0
150 157.6 0.0 348.2



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





#76

1,2,3-Trichloropropane

Concen: 41.860 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

Instrument :

MSVOA_N

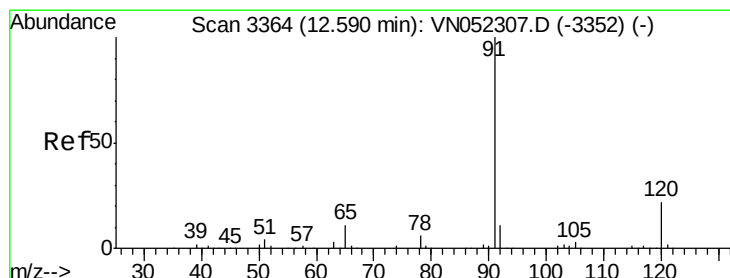
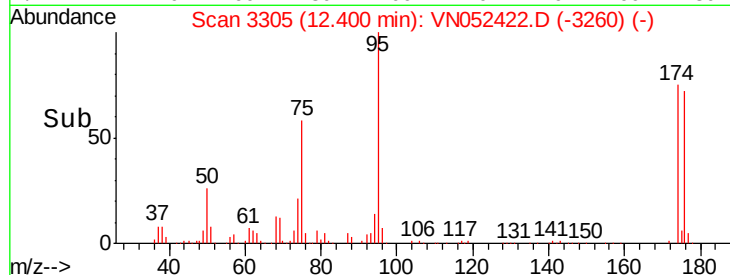
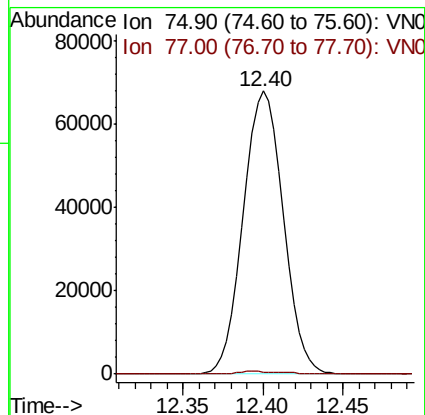
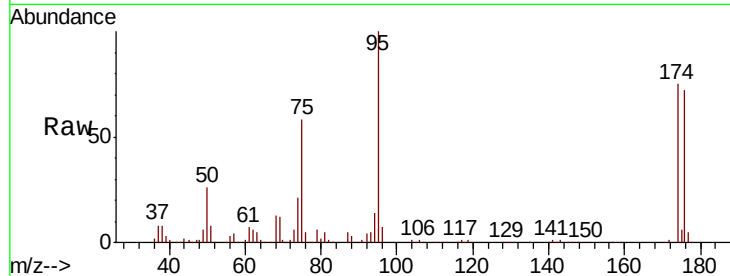
ClientSampleId :

Tot Ion: 75 Resp: 116117

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#78

n-propylbenzene

Concen: 0.539 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052422.D

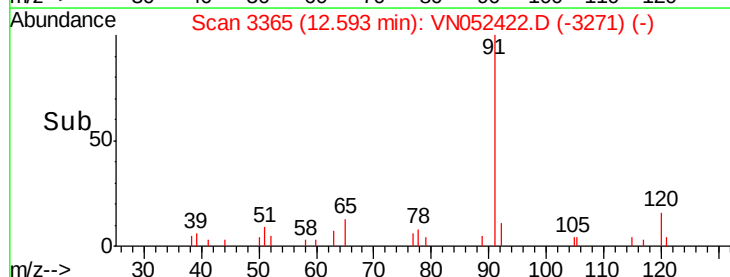
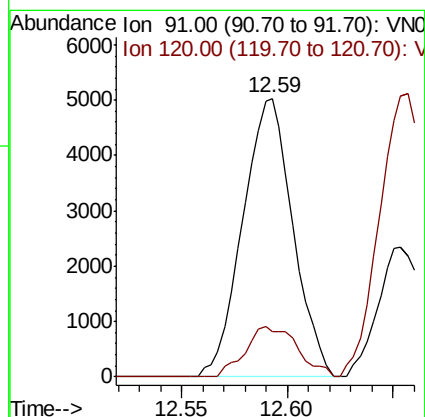
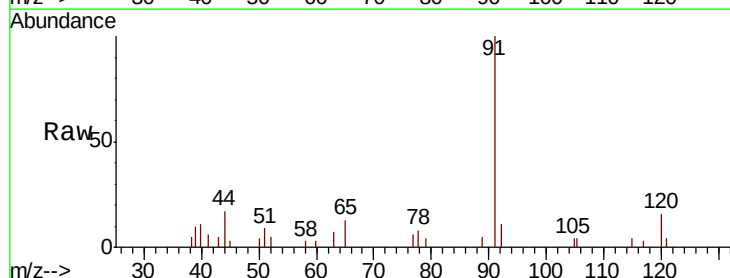
Acq: 20 Nov 2018 21:45

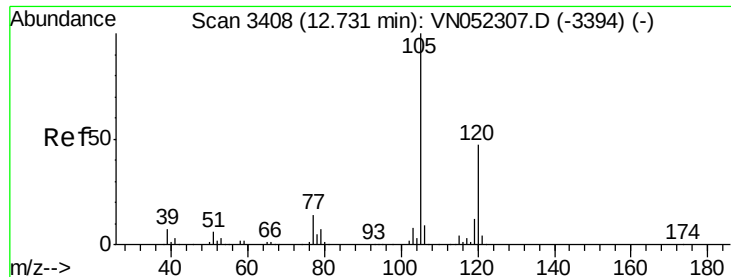
Tgt Ion: 91 Resp: 8292

Ion Ratio Lower Upper

91 100

120 18.8 11.1 33.1





#80

1,3,5-Trimethylbenzene

Concen: 1.196 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

Instrument :

MSVOA_N

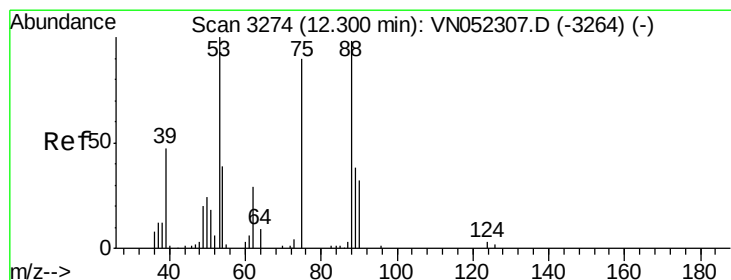
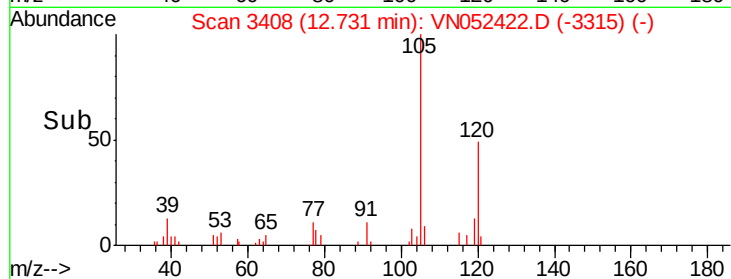
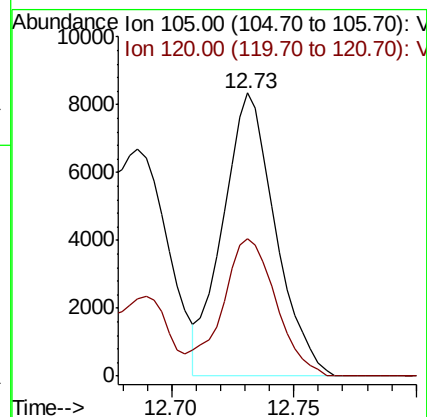
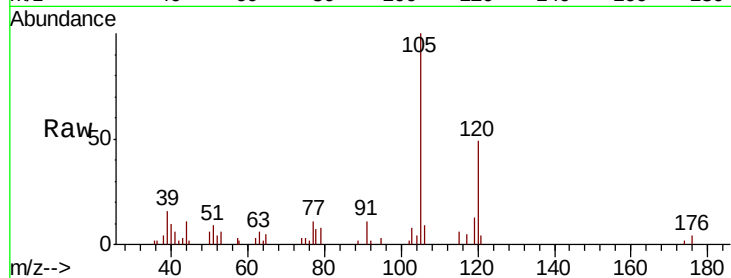
ClientSampled :

Tot Ion:105 Resp: 12497

Ion Ratio Lower Upper

105 100

120 50.0 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 135.768 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

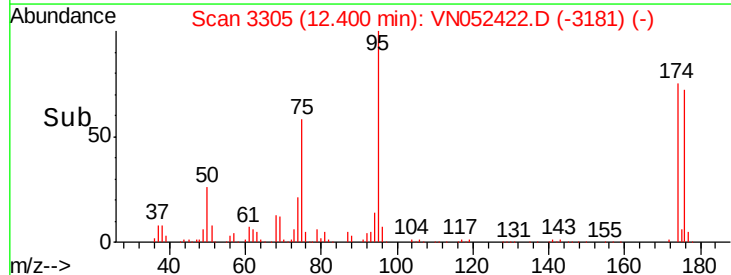
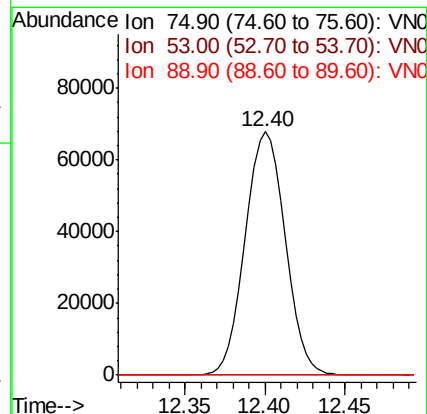
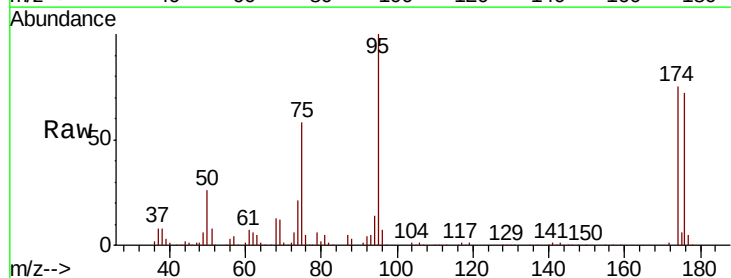
Tgt Ion: 75 Resp: 116117

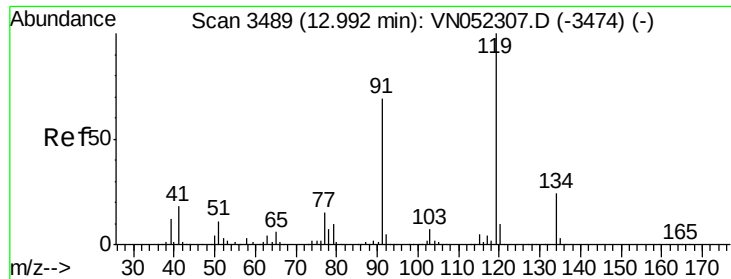
Ion Ratio Lower Upper

75 100

53 0.0 90.2 135.2#

89 0.0 35.4 53.0#

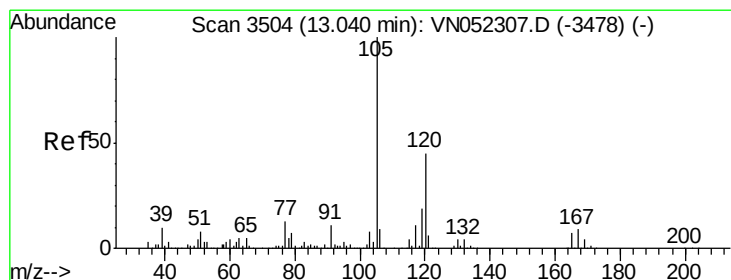
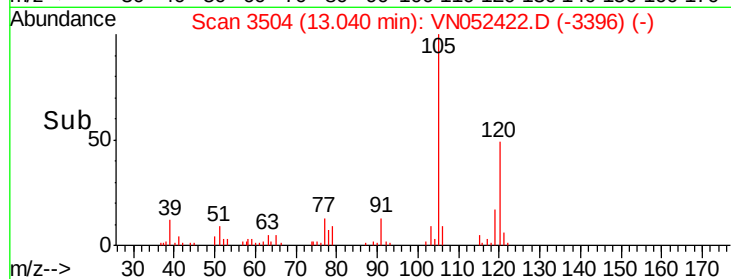
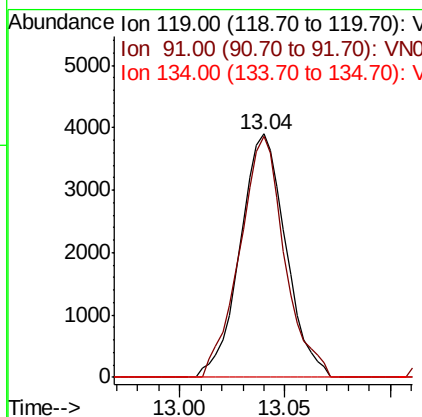
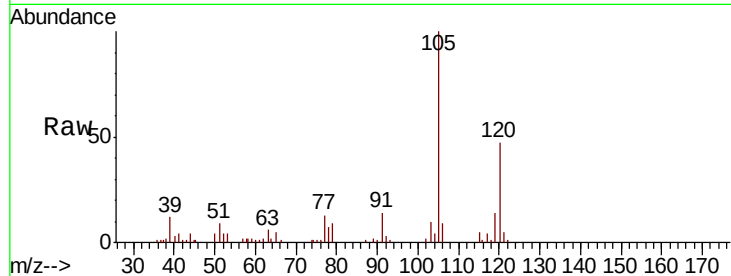




#83
 tert-Butylbenzene
 Concen: 0.636 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN052422.D
 Acq: 20 Nov 2018 21:45

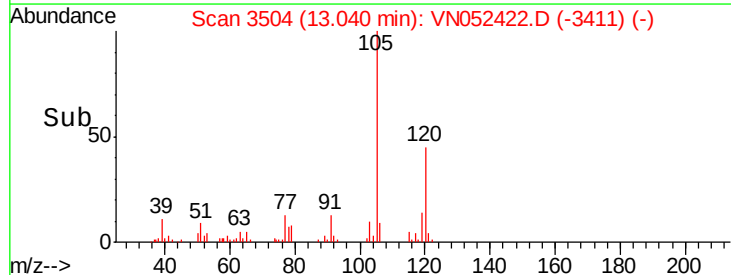
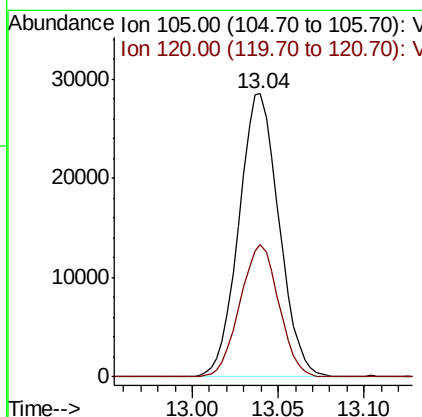
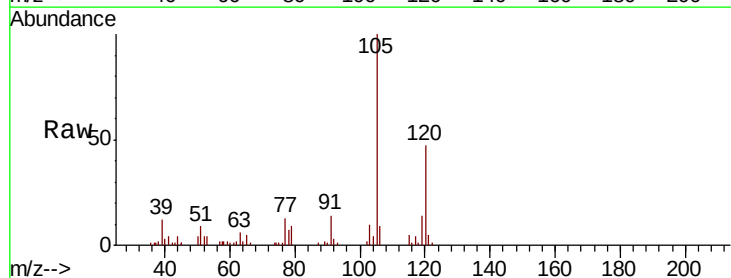
Instrument :
 MSVOA_N
 ClientSampled :

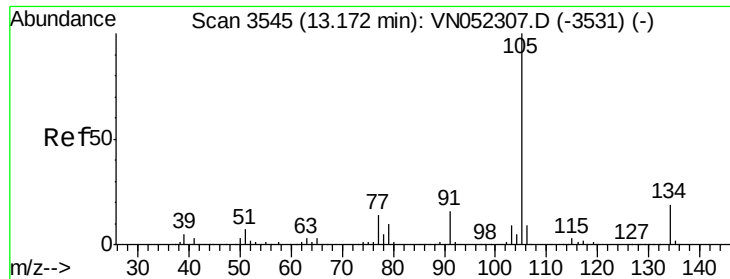
Tot Ion:119 Resp: 5868
 Ion Ratio Lower Upper
 119 100
 91 97.3 33.8 101.3
 134 0.0 11.9 35.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 4.409 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052422.D
 Acq: 20 Nov 2018 21:45

Tgt Ion:105 Resp: 46262
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.5 67.5





#85

sec-Butylbenzene

Concen: 3.680 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

Instrument :

MSVOA_N

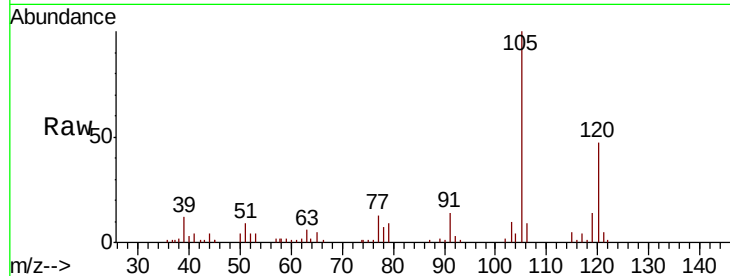
ClientSampleId :

Tot Ion:105 Resp: 46262

Ion Ratio Lower Upper

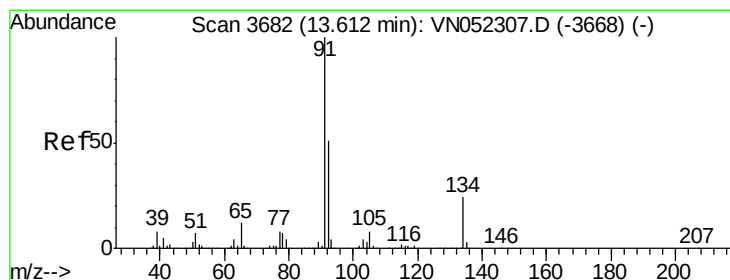
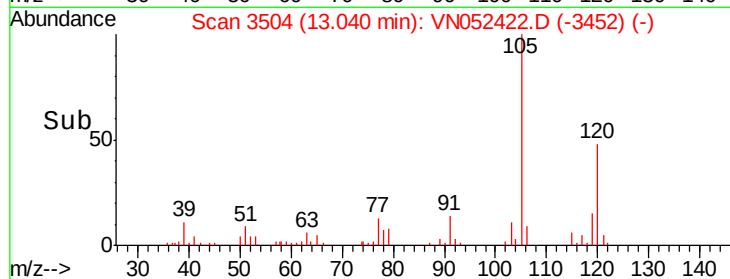
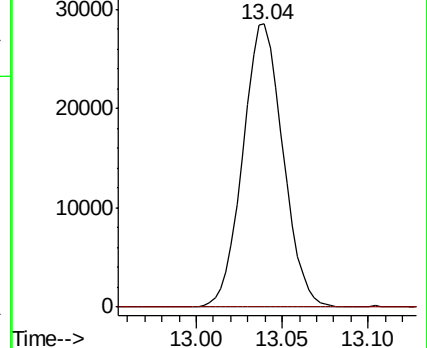
105 100

134 0.0 9.5 28.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.302 ug/l

RT: 13.54 min Scan# 3660

Delta R.T. -0.07 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

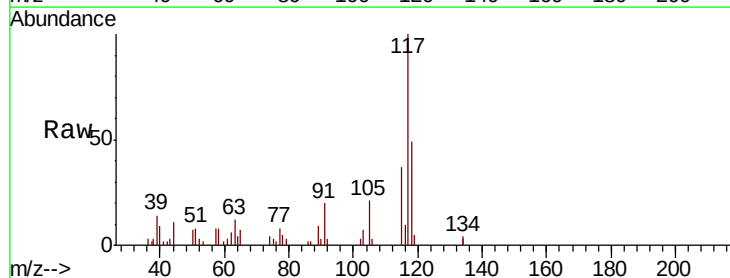
Tgt Ion: 91 Resp: 2766

Ion Ratio Lower Upper

91 100

92 8.7 25.4 76.2#

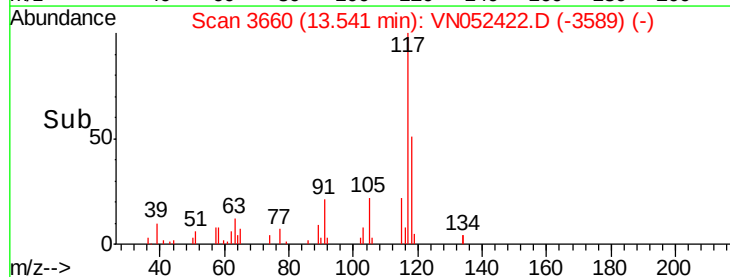
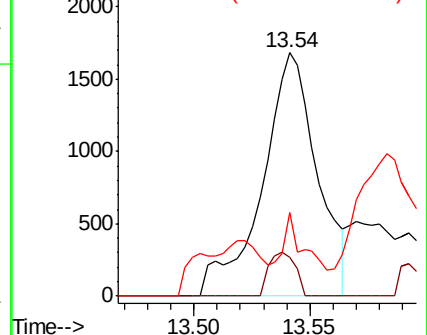
134 17.2 12.2 36.4

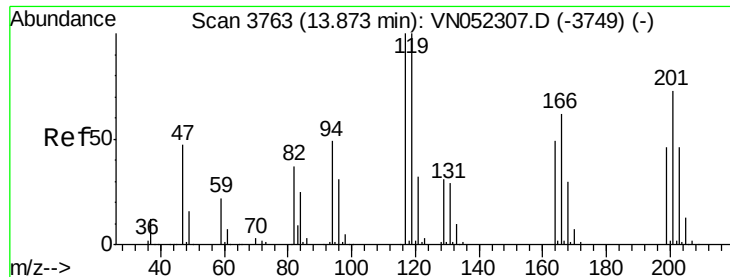


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.264 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

Instrument :

MSVOA_N

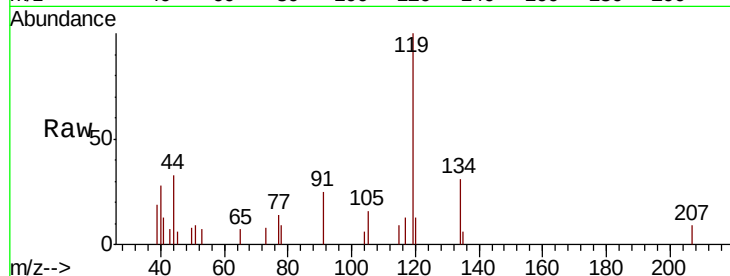
ClientSampled :

Tot Ion:117 Resp: 497

Ion Ratio Lower Upper

117 100

201 0.0 35.3 105.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

400

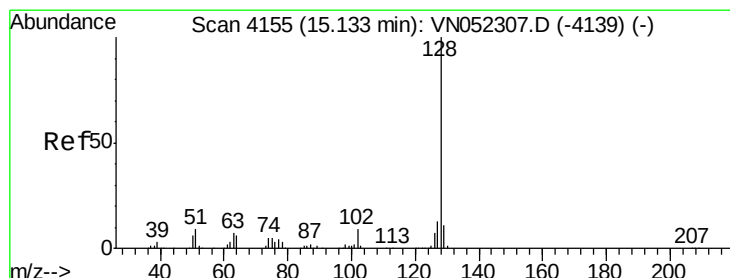
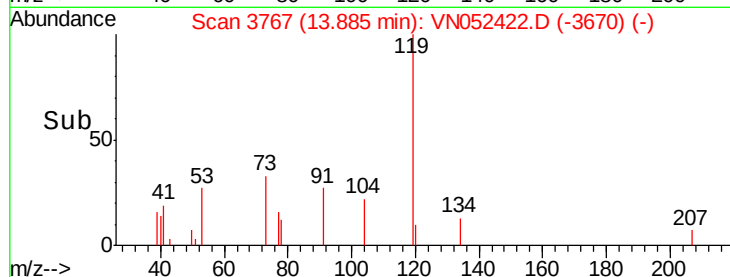
300

200

100

0

Time-->



#95

Naphthalene

Concen: 4.075 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN052422.D

Acq: 20 Nov 2018 21:45

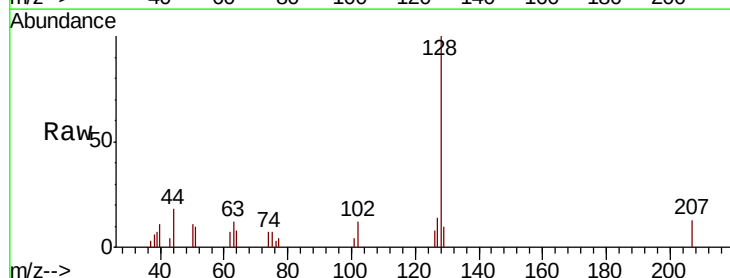
Tgt Ion:128 Resp: 8980

Ion Ratio Lower Upper

128 100

127 14.0 10.4 15.6

129 12.3 8.6 13.0



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

15.13

6000

4000

2000

0

Time-->

