

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054752.D
 Acq On : 28 Mar 2019 18:36
 Operator : JC/SP
 Sample : K2093-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DL-2-COMP

Quant Time: Mar 29 05:05:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	555115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	895234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	757867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	303601	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	351074	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
35) Dibromofluoromethane	7.59	113	276099	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	10.09	98	1061910	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.40	95	343001	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	1904	0.264	ug/l #	72
11) Tert butyl alcohol	4.81	59	315302	754.259	ug/l	99
13) Acrolein	3.61	56	987	1.711	ug/l #	75
14) Allyl chloride	4.33	41	8325	0.826	ug/l #	21
15) Acrylonitrile	4.81	53	2878	1.382	ug/l #	10
16) Acetone	3.82	43	738518	355.755	ug/l #	80
18) Methyl Acetate	4.33	43	445995	96.390	ug/l #	88
20) Methylene Chloride	4.55	84	11801	1.928	ug/l #	79
25) 2-Butanone	6.85	43	148226	55.740	ug/l #	87
29) Tetrahydrofuran	7.21	42	2469	1.431	ug/l #	55
31) Cyclohexane	7.66	56	12758	Below Cal	#	42
36) 1,1-Dichloropropene	7.67	75	41624	4.973	ug/l #	48
37) Ethyl Acetate	6.94	43	57927	9.730	ug/l #	84
38) Carbon Tetrachloride	7.67	117	51910	6.382	ug/l #	16
40) Benzene	8.04	78	209336	8.746	ug/l	100
41) Methacrylonitrile	7.20	41	7678	2.115	ug/l #	29
42) 1,2-Dichloroethane	8.04	62	2505	0.287	ug/l	85
43) Isopropyl Acetate	8.30	43	114572	11.395	ug/l #	60
48) Methyl methacrylate	9.17	41	10077	1.847	ug/l #	39
49) 1,4-Dioxane	9.20	88	1183	19.391	ug/l #	27
51) 4-Methyl-2-Pentanone	9.99	43	3493	0.627	ug/l	91
52) Toluene	10.16	92	1757345	119.371	ug/l	100
53) t-1,3-Dichloropropene	10.15	75	21353	4.662	ug/l #	1
59) 2-Hexanone	10.76	43	1899	0.522	ug/l	67
65) Chlorobenzene	11.43	112	4766	0.309	ug/l	99
67) Ethyl Benzene	11.51	91	19780	0.726	ug/l	94
68) m/p-Xylenes	11.62	106	28157	2.730	ug/l	97
69) o-Xylene	11.95	106	12817	1.273	ug/l	99
70) Styrene	11.96	104	16089	0.984	ug/l	93
71) Bromoform	12.40	173	2072	2.740	ug/l #	1
74) N-amyl acetate	12.02	43	4028	0.573	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	177223	36.786	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7181	0.358	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	177223	121.941	ug/l #	11

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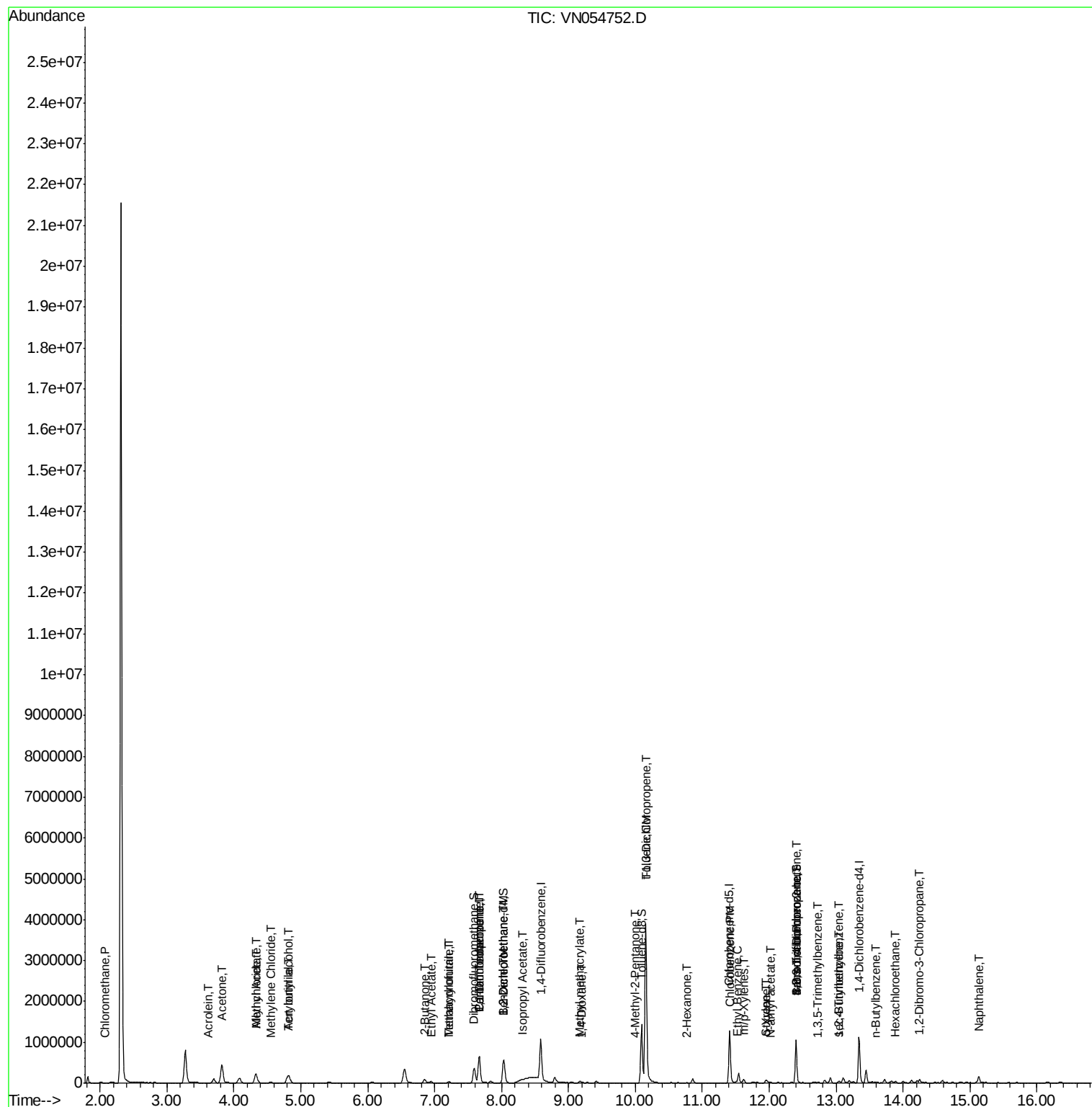
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.04	105	24773	1.259	ug/l	87
85) sec-Butylbenzene	13.04	105	24773	1.139	ug/l #	55
89) n-Butylbenzene	13.61	91	3648	0.240	ug/l #	57
90) Hexachloroethane	13.89	117	2329	0.771	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.24	75	214	0.261	ug/l #	1
95) Naphthalene	15.13	128	136135	12.571	ug/l	99

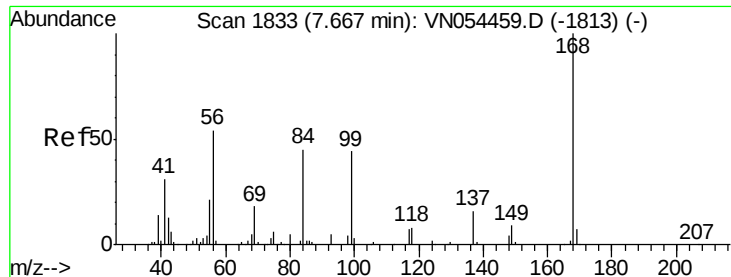
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054752.D

Acq: 28 Mar 2019 18:36

Instrument :

MSVOA_N

ClientSampleId :

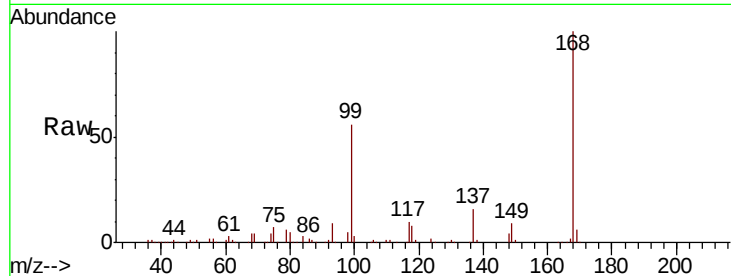
DL-2-COMP

Tot Ion:168 Resp: 555115

Ion Ratio Lower Upper

168 100

99 56.1 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

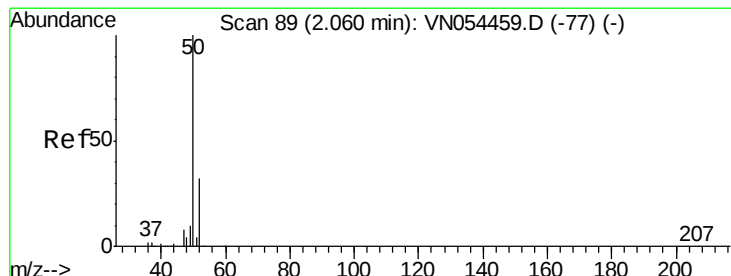
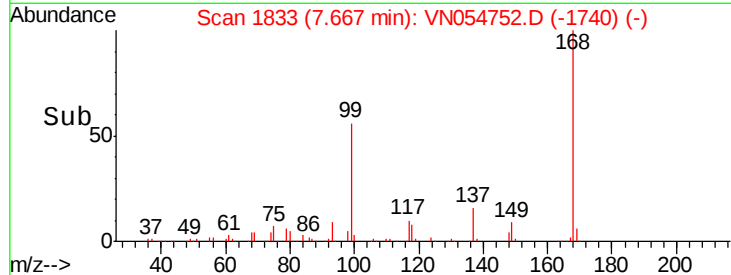
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.264 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054752.D

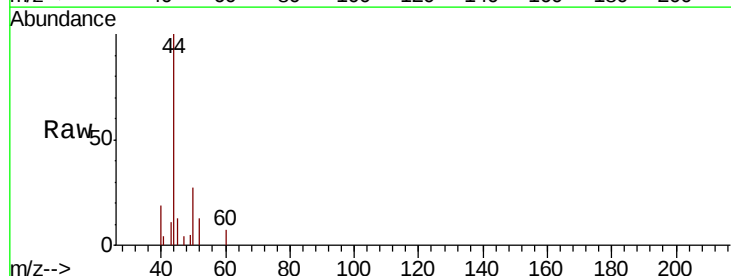
Acq: 28 Mar 2019 18:36

Tgt Ion: 50 Resp: 1904

Ion Ratio Lower Upper

50 100

52 48.7 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

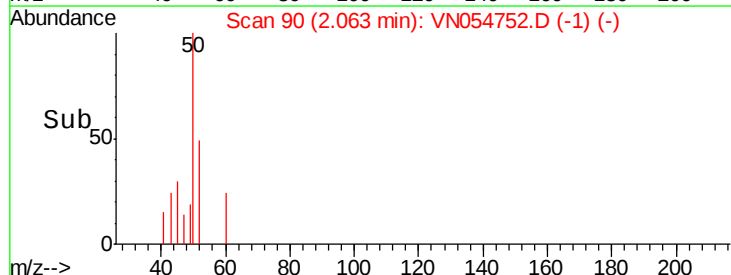
2.06

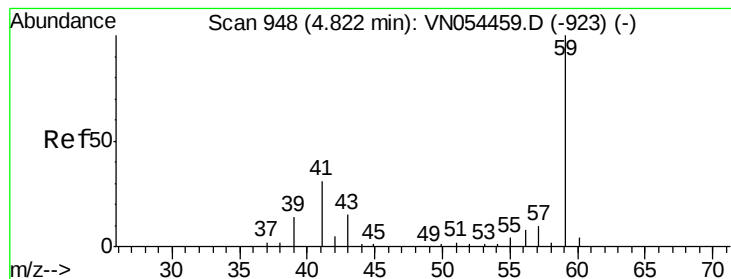
1000

500

0

Time-->



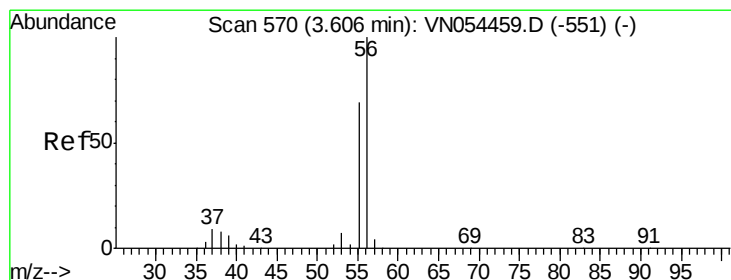
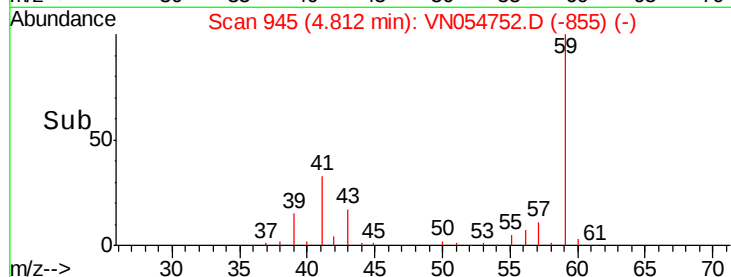
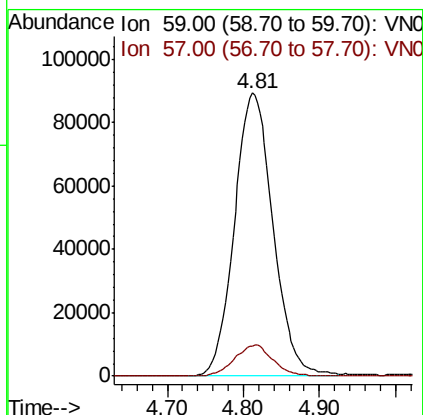
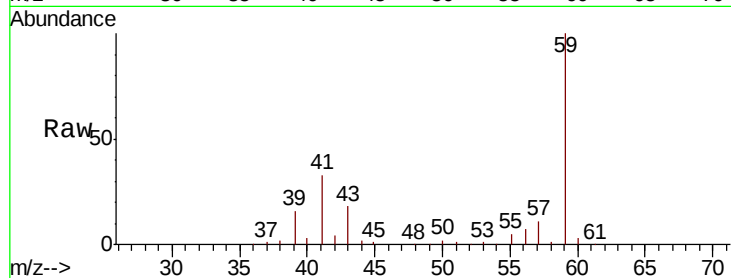


#11

Tert butyl alcohol
 Concen: 754.259 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: VN054752.D
 Acq: 28 Mar 2019 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 DL-2-COMP

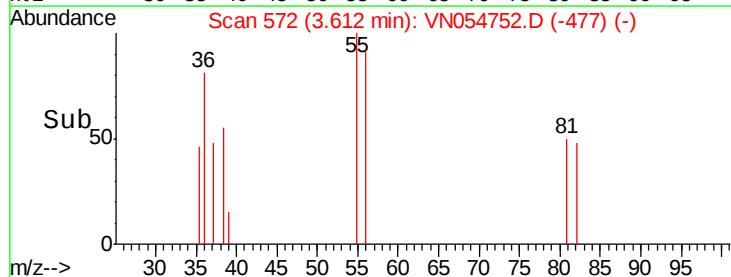
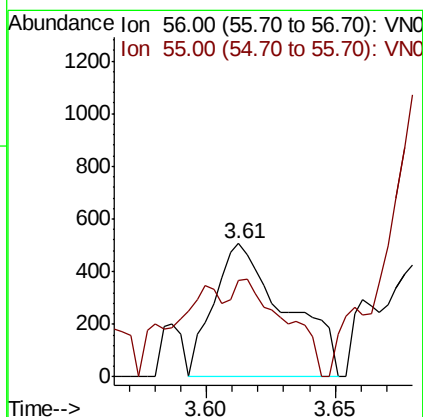
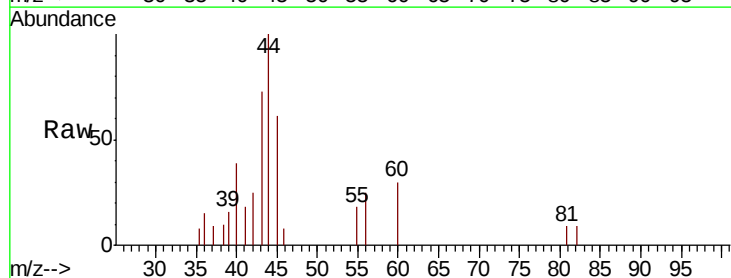
Tot Ion: 59 Resp: 315302
 Ion Ratio Lower Upper
 59 100
 57 10.9 9.0 13.6

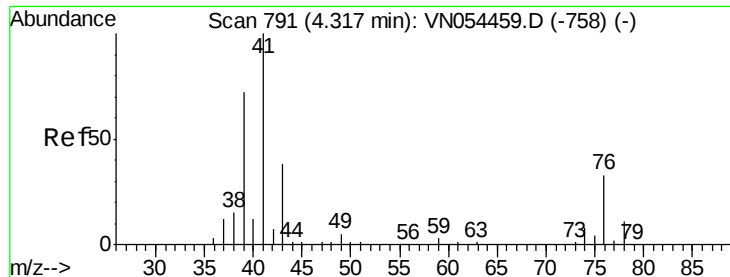


#13

Acrolein
 Concen: 1.711 ug/l
 RT: 3.61 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VN054752.D
 Acq: 28 Mar 2019 18:36

Tgt Ion: 56 Resp: 987
 Ion Ratio Lower Upper
 56 100
 55 50.1 56.7 85.1#





#14

Allvl chloride

Concen: 0.826 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN054752.D

Acq: 28 Mar 2019 18:36

Instrument :

MSVOA_N

ClientSampleId :

DL-2-COMP

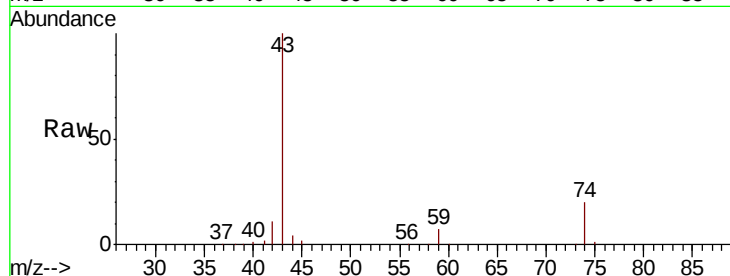
Tot Ion: 41 Resp: 8325

Ion Ratio Lower Upper

41 100

39 0.0 58.2 87.4#

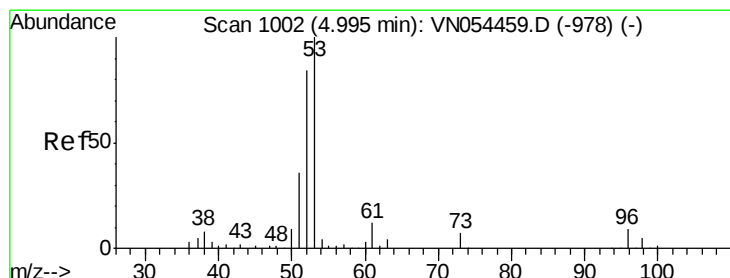
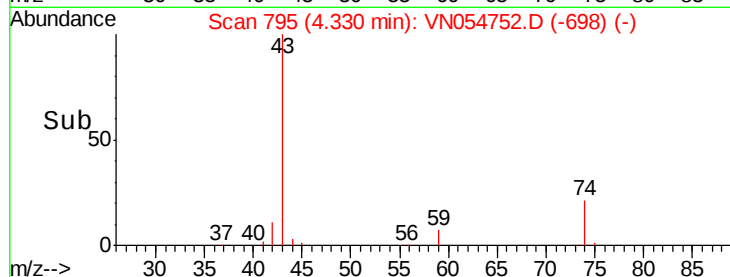
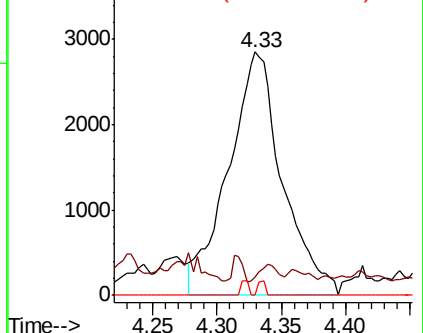
76 0.7 31.7 47.5#



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



#15

Acrylonitrile

Concen: 1.382 ug/l

RT: 4.81 min Scan# 944

Delta R.T. -0.19 min

Lab File: VN054752.D

Acq: 28 Mar 2019 18:36

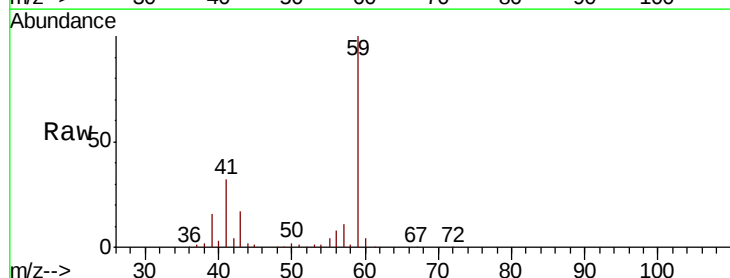
Tgt Ion: 53 Resp: 2878

Ion Ratio Lower Upper

53 100

52 1.6 66.4 99.6#

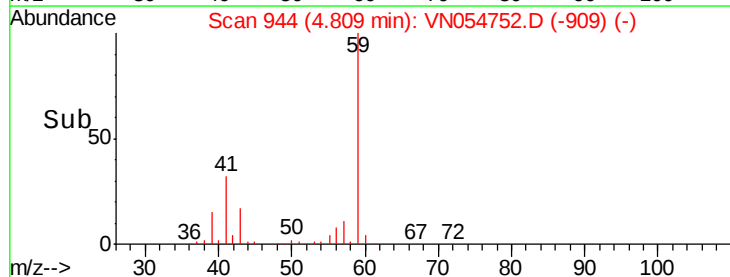
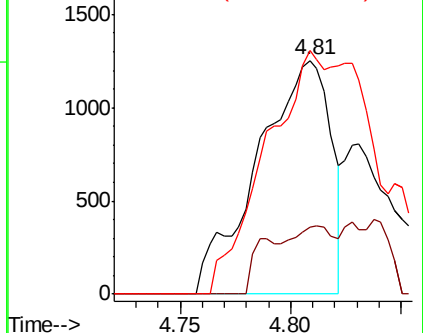
51 91.0 29.6 44.4#

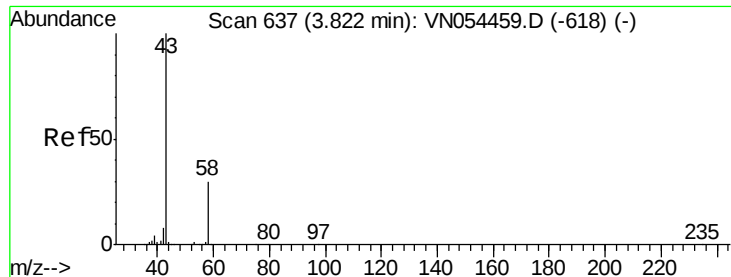


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

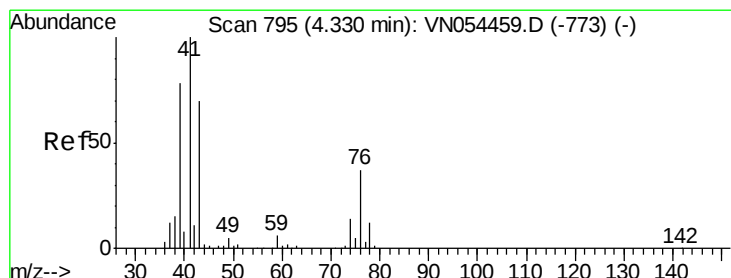
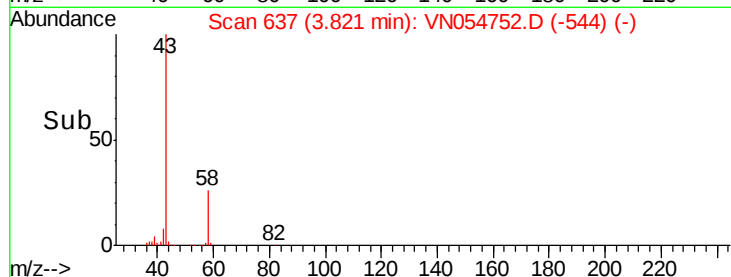
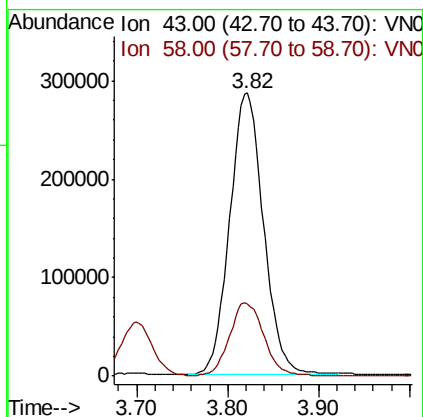
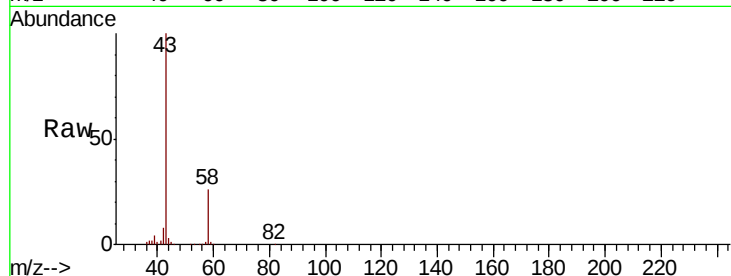




#16
Acetone
Concen: 355.755 ug/l
RT: 3.82 min Scan# 637
Delta R.T. -0.00 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

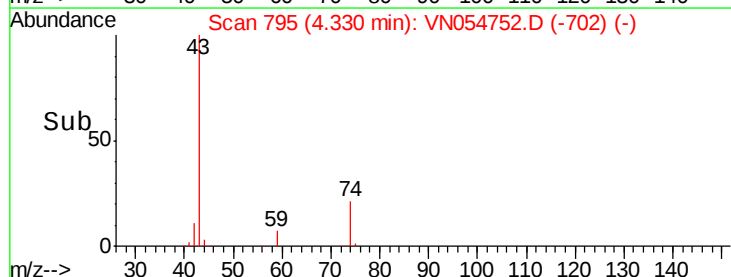
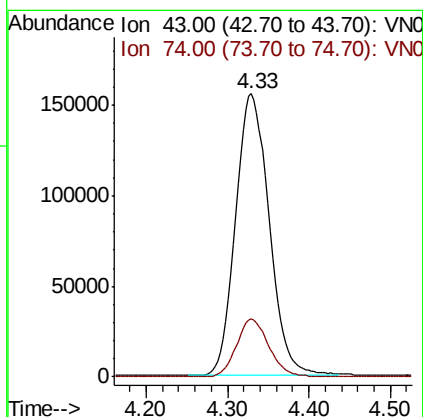
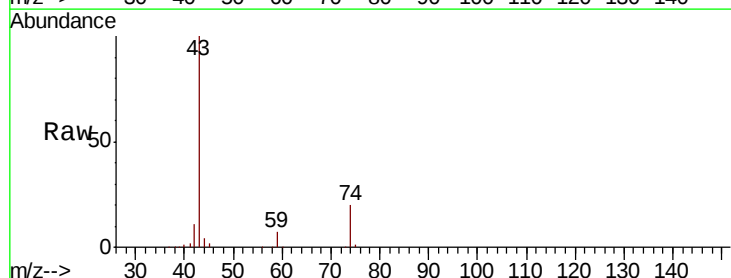
Instrument :
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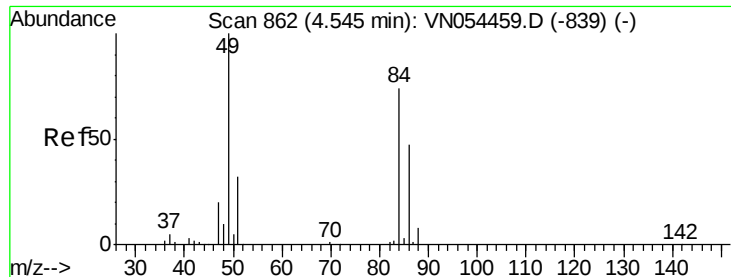
Tot Ion: 43 Resp: 738518
Ion Ratio Lower Upper
43 100
58 25.7 29.9 44.9#



#18
Methyl Acetate
Concen: 96.390 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

Tgt Ion: 43 Resp: 445995
Ion Ratio Lower Upper
43 100
74 19.8 20.8 31.2#

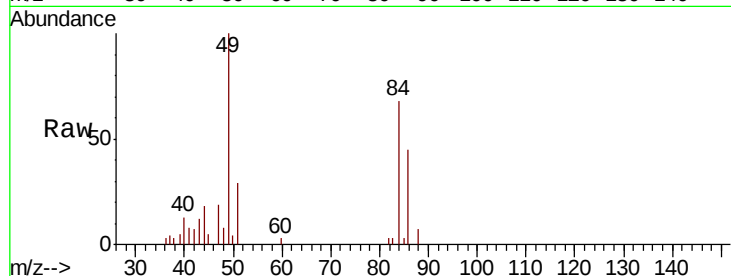




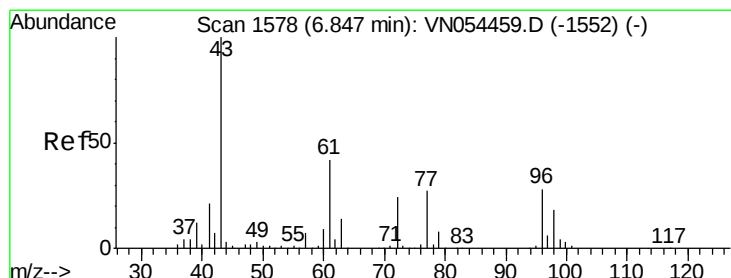
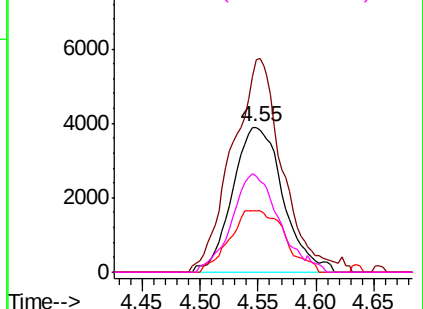
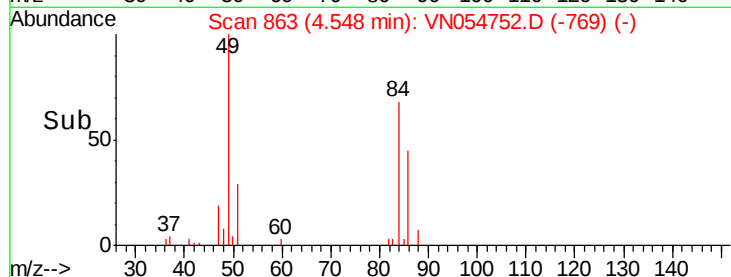
#20
Methylene Chloride
Concen: 1.928 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

Instrument :
MSVOA_N
ClientSampleId :
DL-2-COMP

Tot Ion: 84 Resp: 11801
Ion Ratio Lower Upper
84 100
49 146.9 89.7 134.5#
51 42.9 28.2 42.4#
86 66.5 50.8 76.2

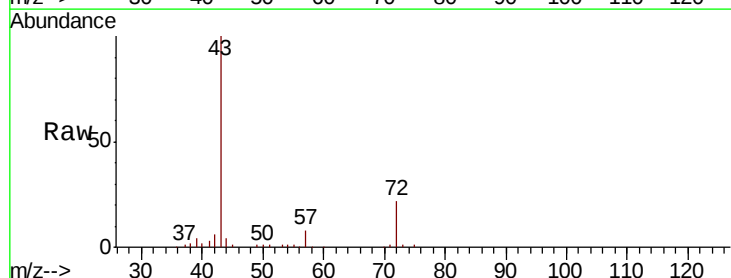


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

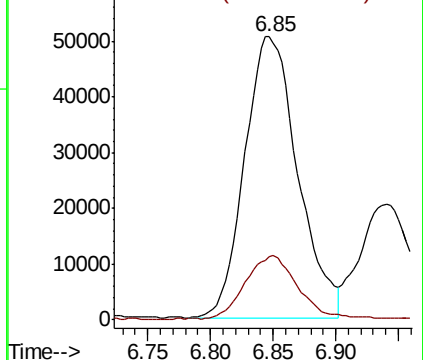
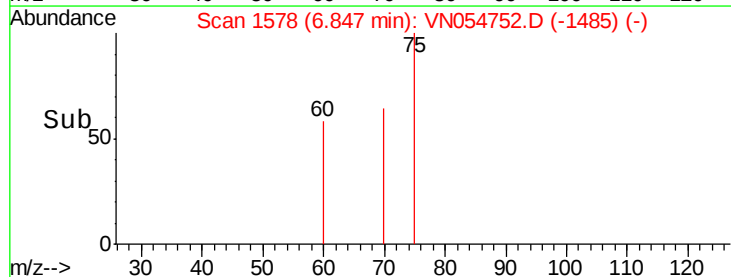


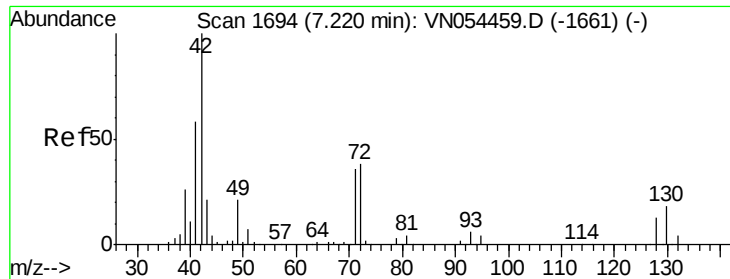
#25
2-Butanone
Concen: 55.740 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

Tgt Ion: 43 Resp: 148226
Ion Ratio Lower Upper
43 100
72 22.0 23.0 34.6#



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





#29

Tetrahydrofuran

Concen: 1.431 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.01 min

Lab File: VN054752.D

Acq: 28 Mar 2019 18:36

Instrument :

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ClientSampleId :

DL-2-COMP

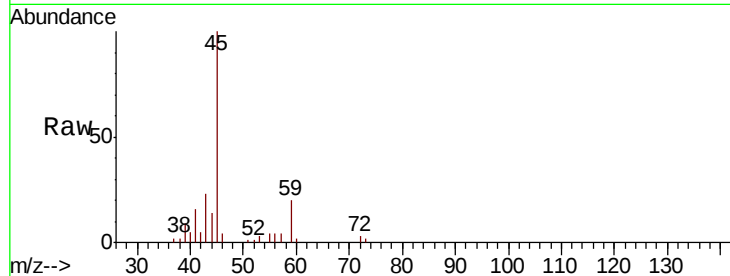
Tot Ion: 42 Resp: 2469

Ion Ratio Lower Upper

42 100

72 31.9 37.8 56.6#

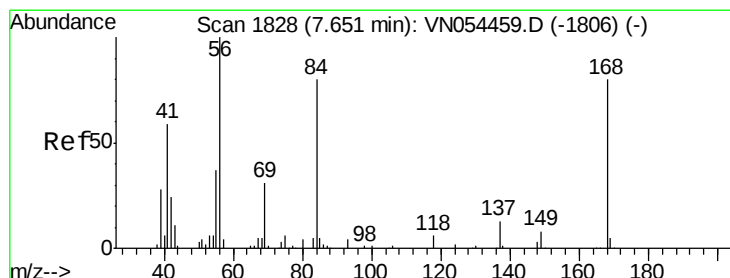
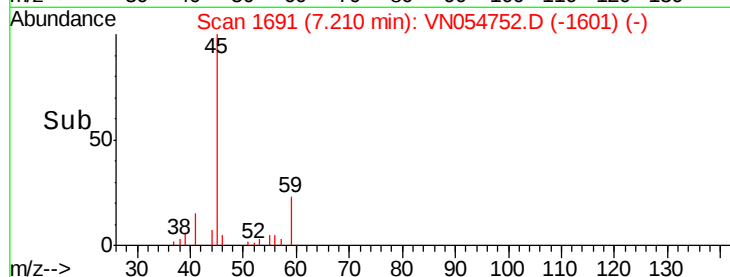
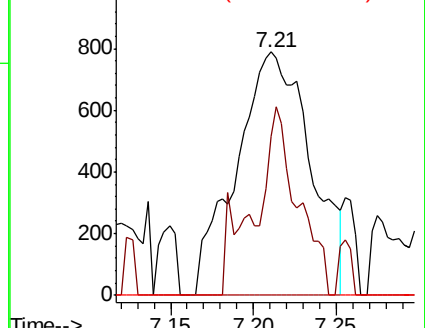
71 0.0 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN054752.D

Acq: 28 Mar 2019 18:36

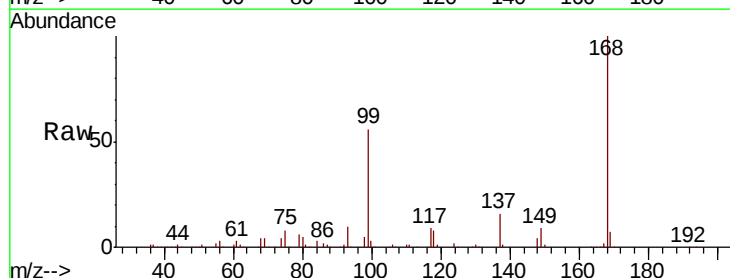
Tgt Ion: 56 Resp: 12758

Ion Ratio Lower Upper

56 100

69 136.7 27.8 41.6#

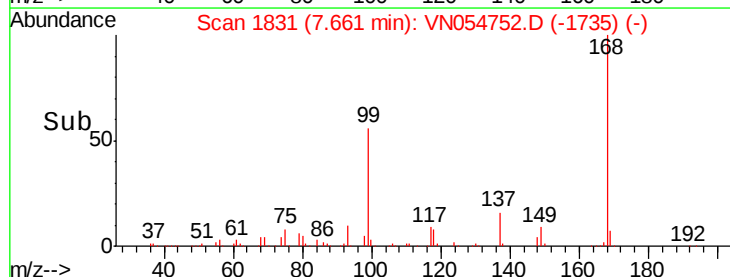
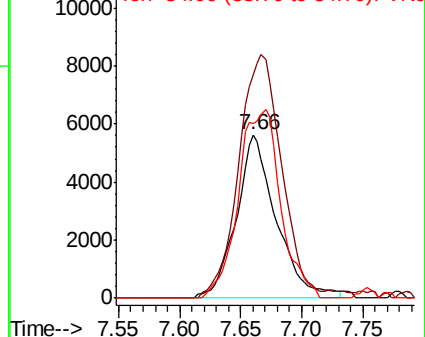
84 106.7 74.6 111.8

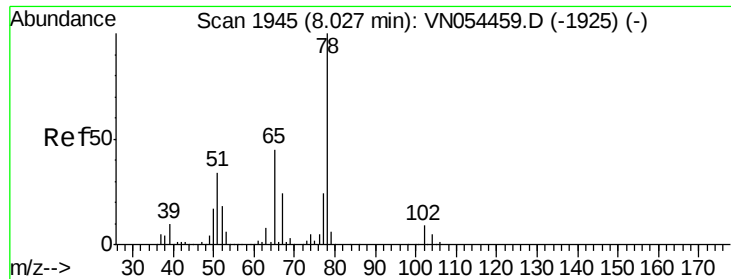


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

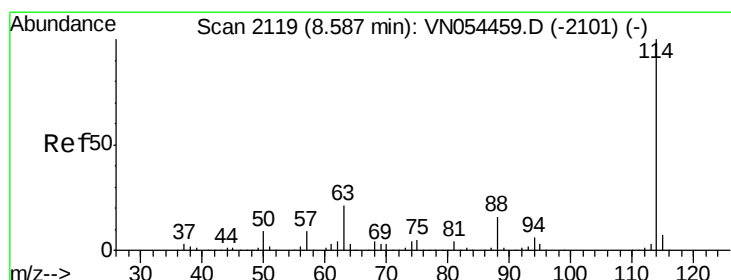
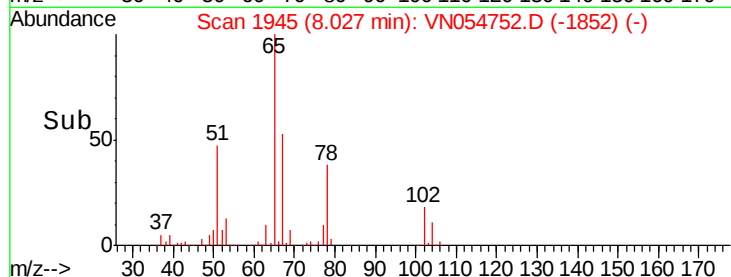
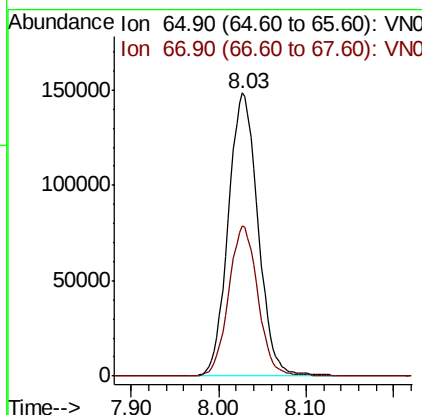
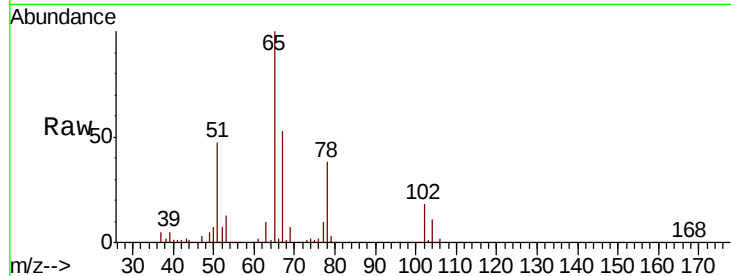




#33
 1,2-Dichloroethane-d4
 Concen: 50.845 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054752.D
 Acq: 28 Mar 2019 18:36

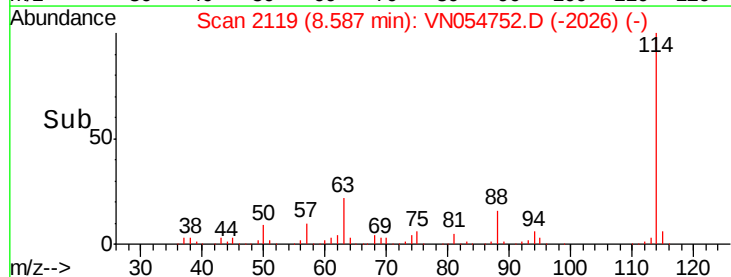
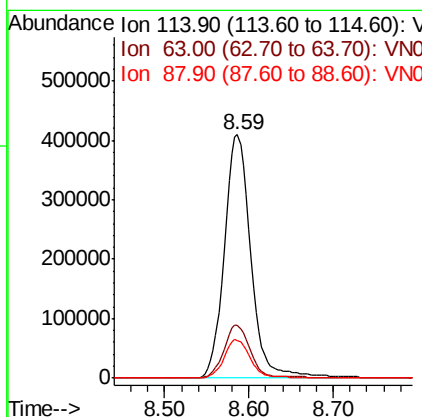
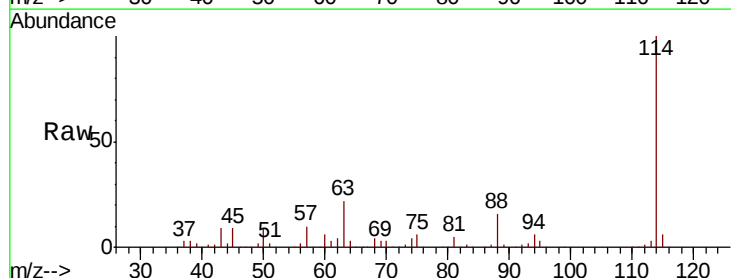
Instrument :
 MSVOA_N
 ClientSampleId :
 DL-2-COMP

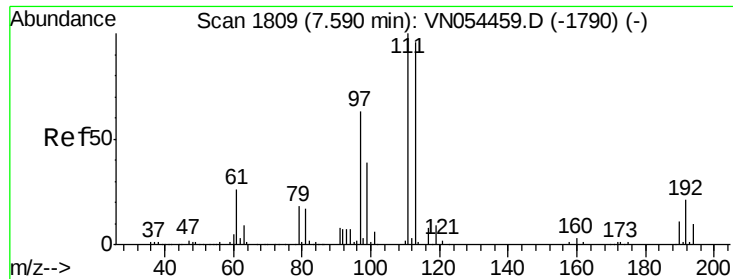
Tot Ion: 65 Resp: 351074
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054752.D
 Acq: 28 Mar 2019 18:36

Tgt Ion: 114 Resp: 895234
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 35.2
 88 15.5 0.0 30.2

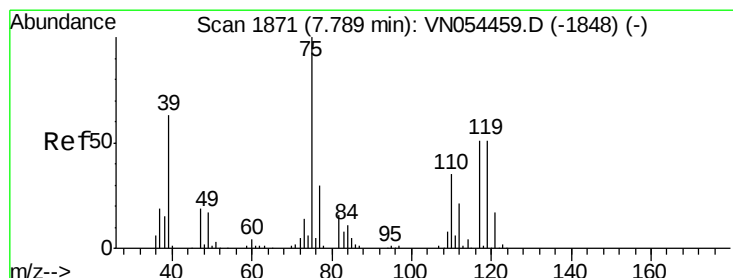
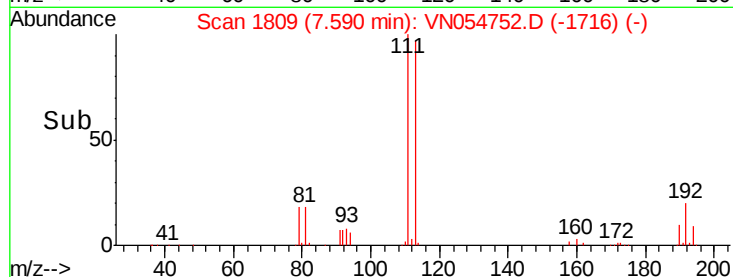
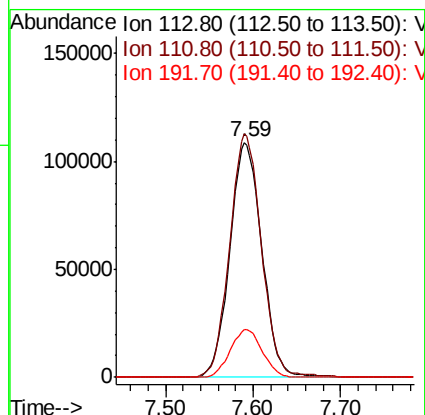
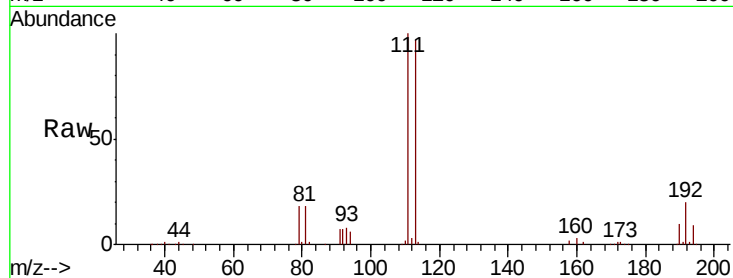




#35
 Dibromofluoromethane
 Concen: 47.871 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054752.D
 Acq: 28 Mar 2019 18:36

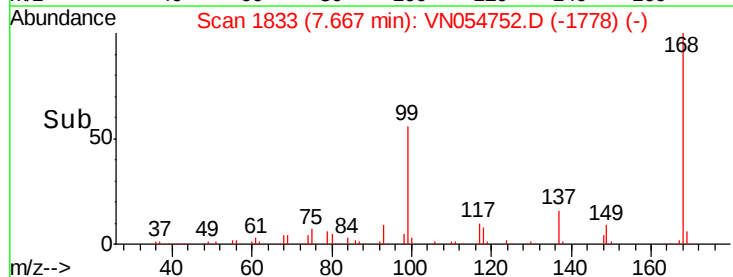
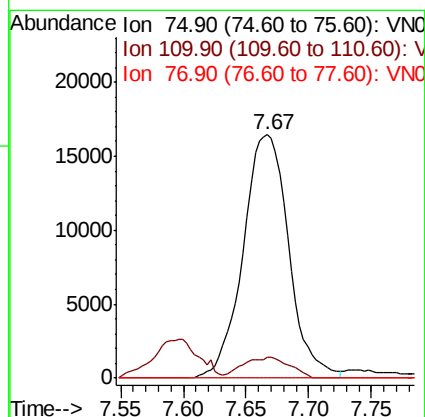
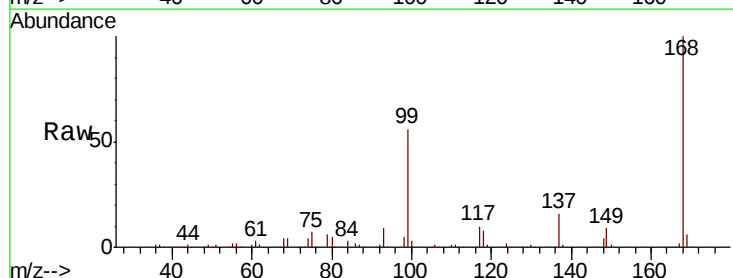
Instrument :
 MSVOA_N
 ClientSampleId :
 DL-2-COMP

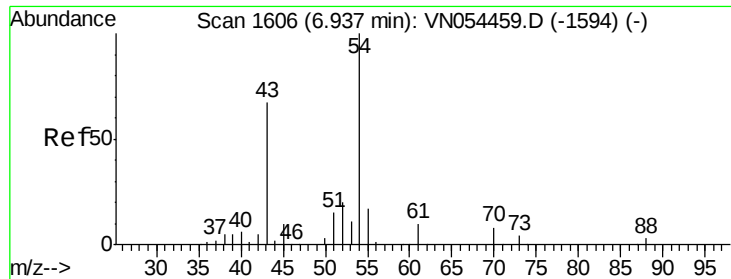
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	20.4	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 4.973 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054752.D
 Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.1	57.5#
77	0.0	25.0	37.4#

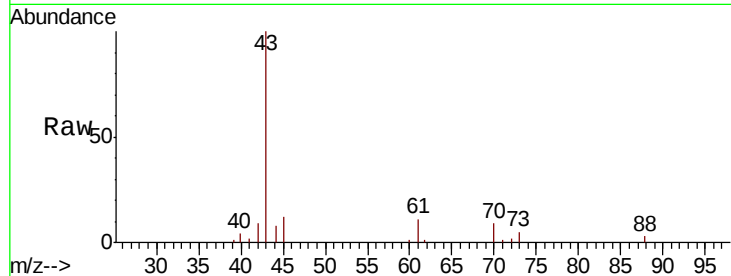




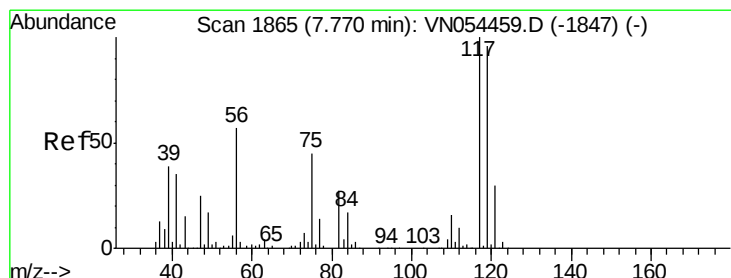
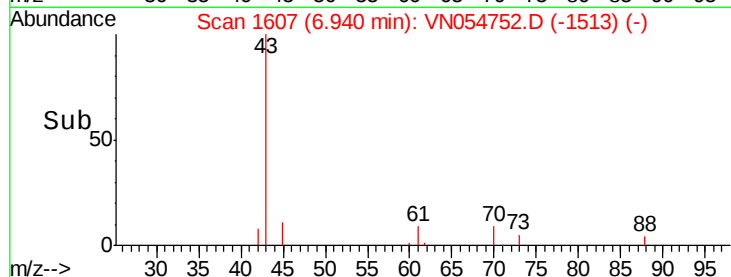
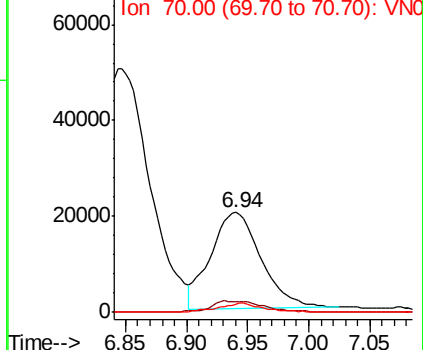
#37
Ethyl Acetate
Concen: 9.730 ug/l
RT: 6.94 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

Instrument :
MSVOA_N
ClientSampleId :
DL-2-COMP

Tot Ion: 43 Resp: 57927
Ion Ratio Lower Upper
43 100
61 5.3 11.8 17.6#
70 8.4 8.4 12.6#

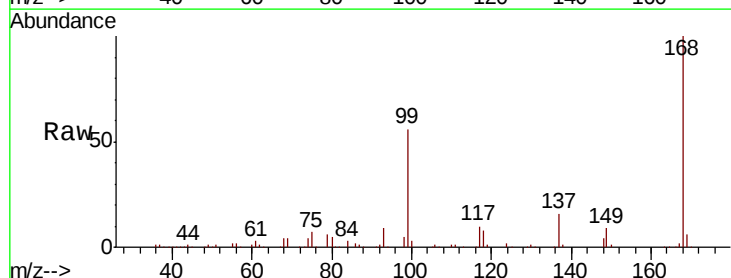


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

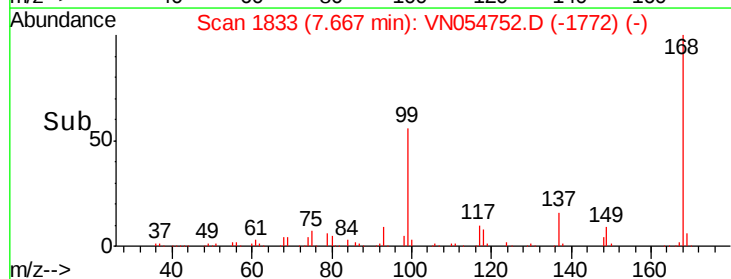
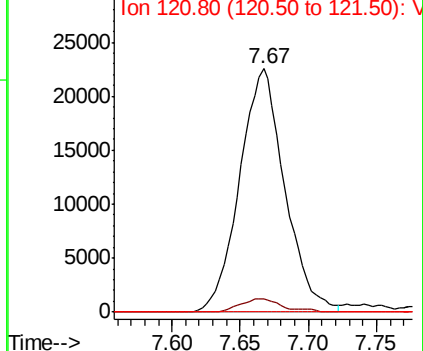


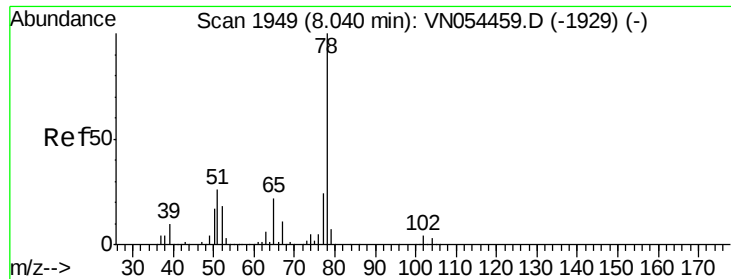
#38
Carbon Tetrachloride
Concen: 6.382 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.10 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

Tgt Ion: 117 Resp: 51910
Ion Ratio Lower Upper
117 100
119 5.3 76.3 114.5#
121 0.0 24.6 36.8#



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

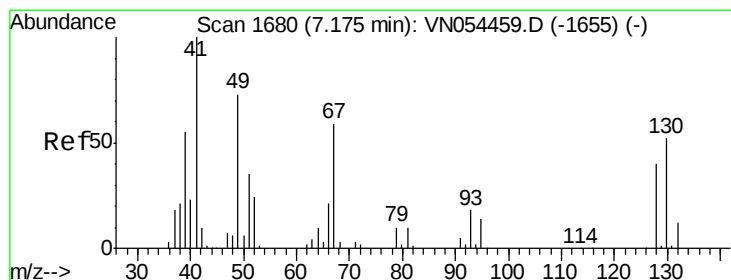
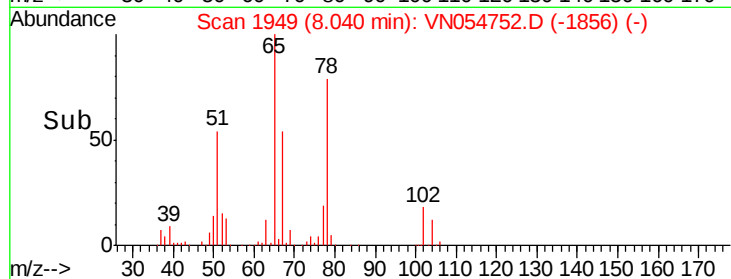
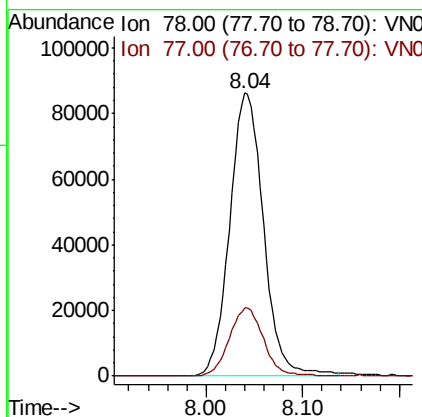
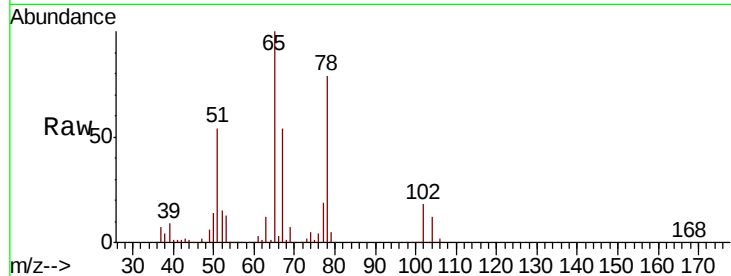




#40
Benzene
Concen: 8.746 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

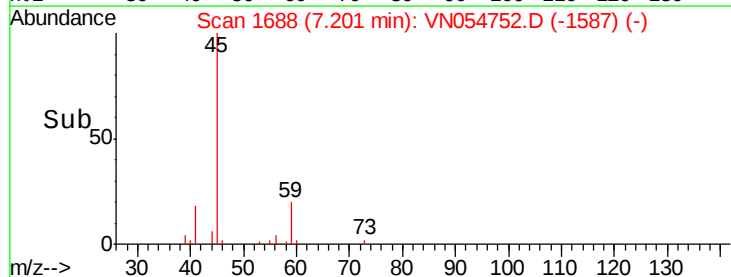
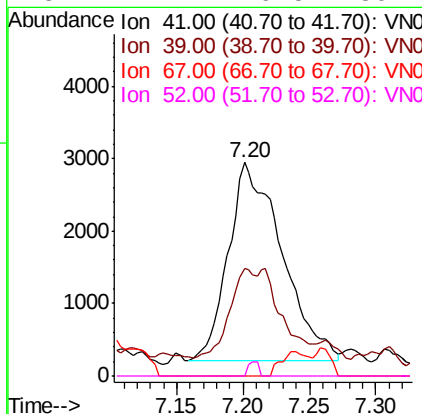
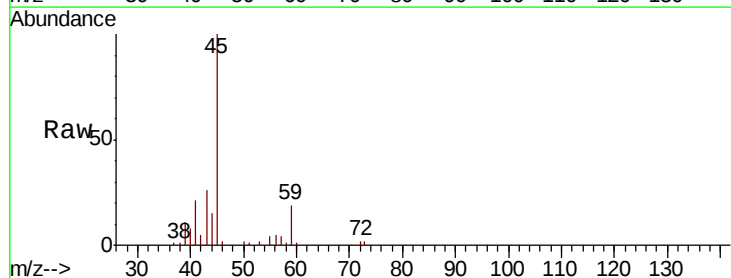
Instrument :
MSVOA_N
ClientSampleId :
DL-2-COMP

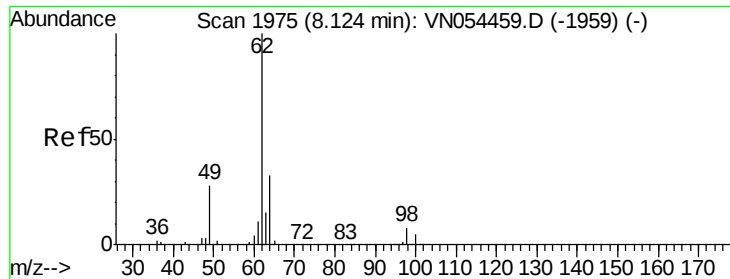
Tot Ion: 78 Resp: 209336
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7



#41
Methacrylonitrile
Concen: 2.115 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.03 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

Tgt Ion: 41 Resp: 7678
Ion Ratio Lower Upper
41 100
39 22.1 46.8 70.2#
67 0.0 67.0 100.4#
52 1.4 26.5 39.7#





#42

1,2-Dichloroethane

Concen: 0.287 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.08 min

Lab File: VN054752.D

Acq: 28 Mar 2019 18:36

Instrument :

MSVOA_N

ClientSampleId :

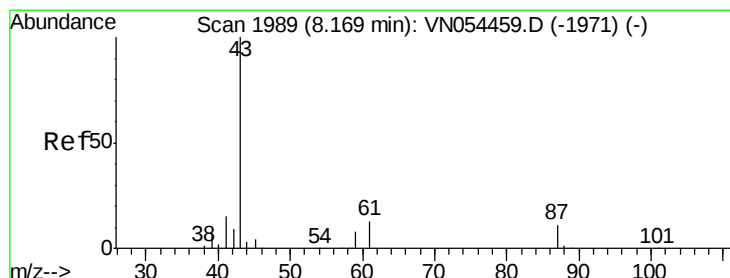
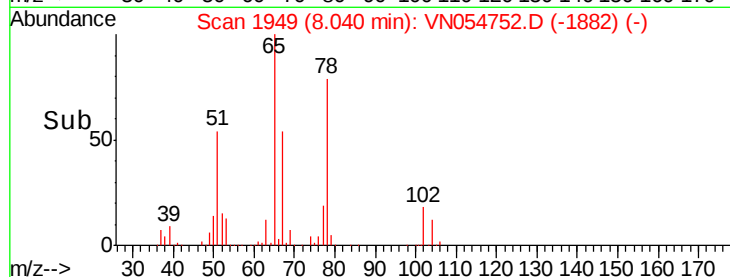
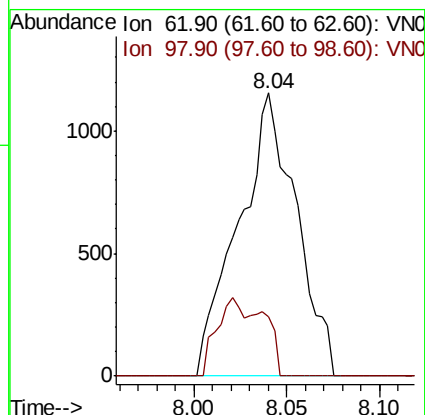
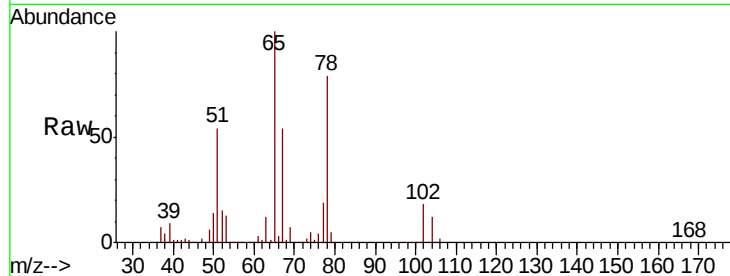
DL-2-COMP

Tot Ion: 62 Resp: 2505

Ion Ratio Lower Upper

62 100

98 14.7 0.0 18.4



#43

Isopropyl Acetate

Concen: 11.395 ug/l

RT: 8.30 min Scan# 2031

Delta R.T. 0.13 min

Lab File: VN054752.D

Acq: 28 Mar 2019 18:36

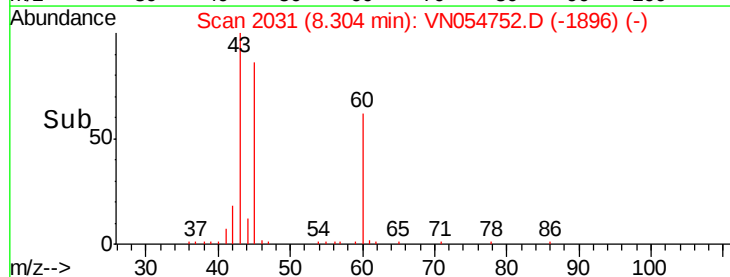
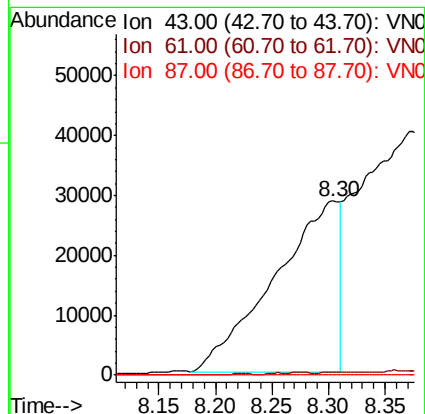
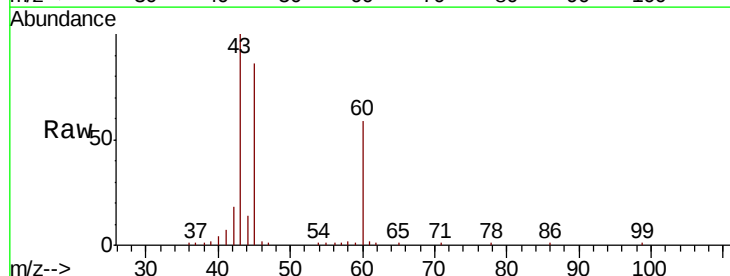
Tgt Ion: 43 Resp: 114572

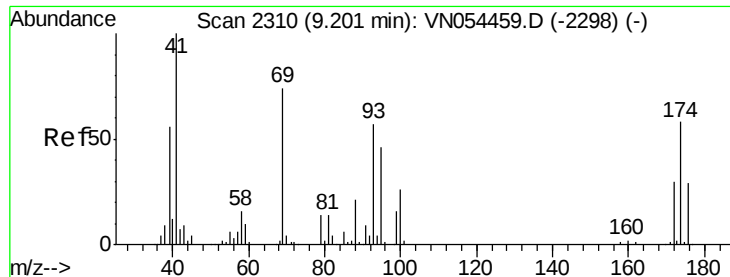
Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

87 0.0 12.0 18.0#

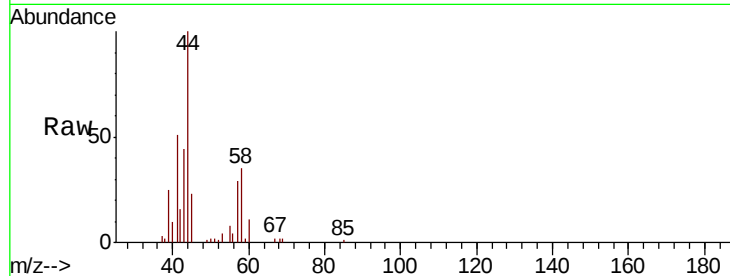




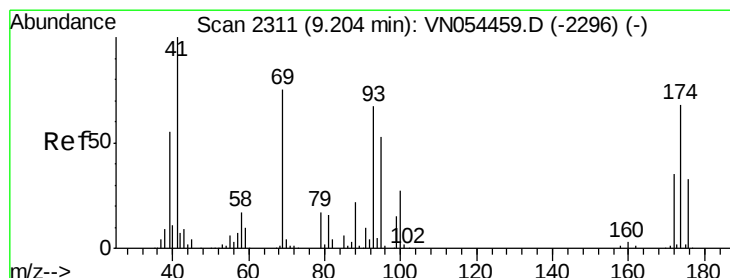
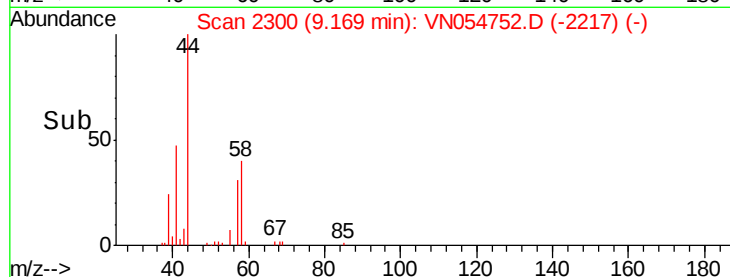
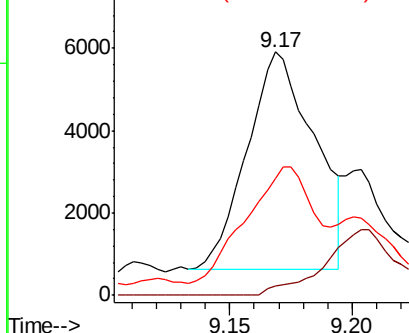
#48
Methyl methacrylate
Concen: 1.847 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.03 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

Instrument :
MSVOA_N
ClientSampled :
DL-2-COMP

Tot Ion: 41 Resp: 10077
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 54.4 47.5 71.3

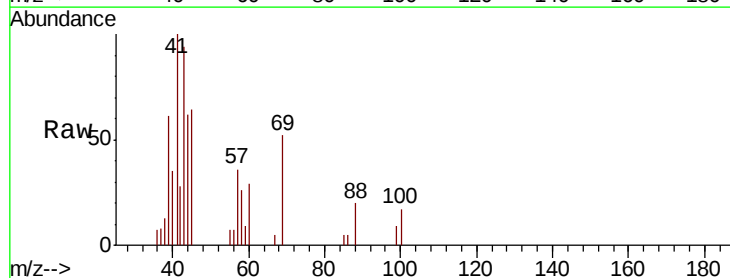


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

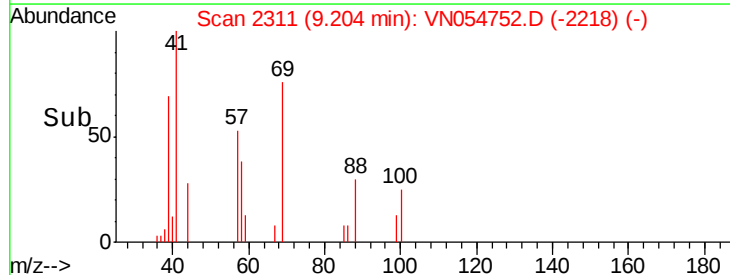
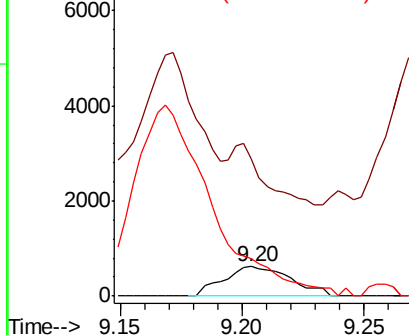


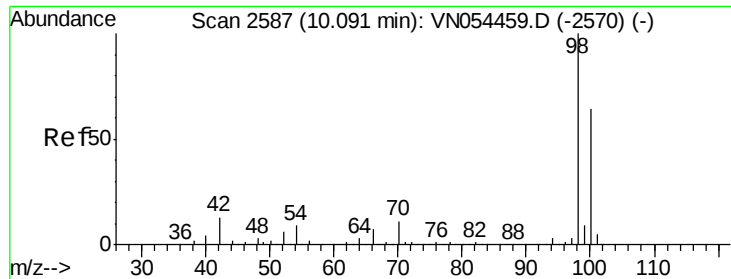
#49
1,4-Dioxane
Concen: 19.391 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

Tgt Ion: 88 Resp: 1183
Ion Ratio Lower Upper
88 100
43 0.0 24.1 36.1#
58 0.0 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO





#50

Toluene-d8

Concen: 48.976 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054752.D

Acq: 28 Mar 2019 18:36

Instrument :

MSVOA_N

ClientSampleId :

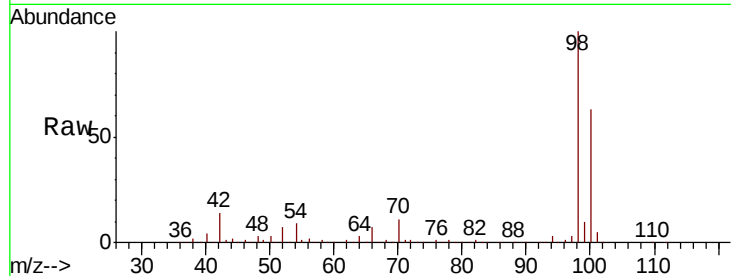
DL-2-COMP

Tot Ion: 98 Resp: 1061910

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)

10.09

500000

400000

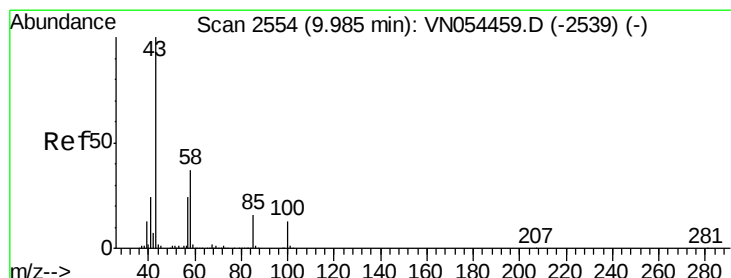
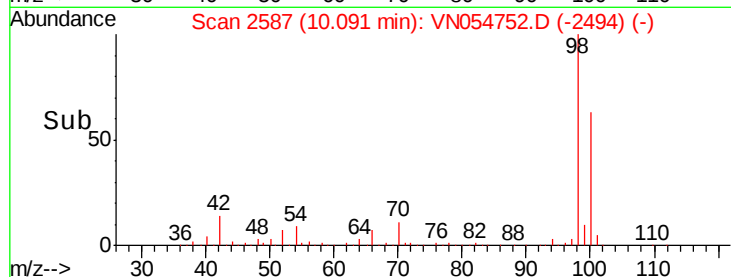
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.627 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN054752.D

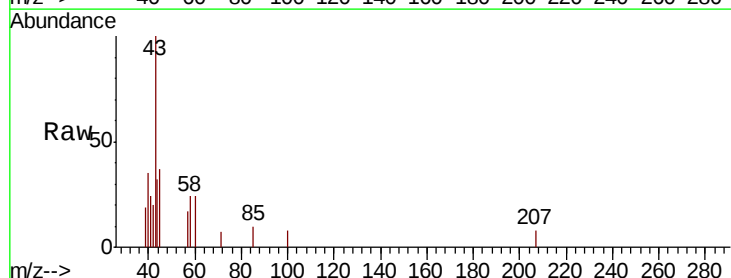
Acq: 28 Mar 2019 18:36

Tgt Ion: 43 Resp: 3493

Ion Ratio Lower Upper

43 100

58 34.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN054459.D (-2539) (-)

9.99

3000

2500

2000

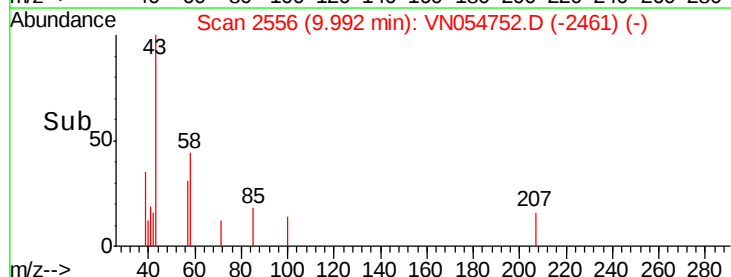
1500

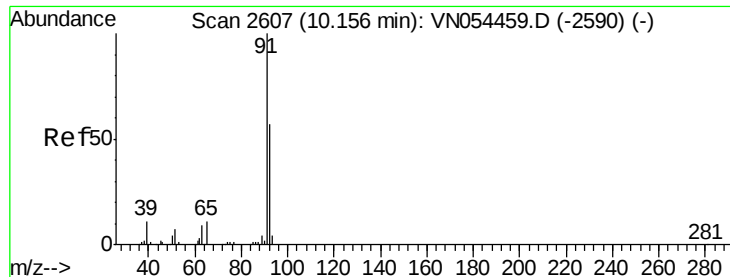
1000

500

0

Time-->





#52

Toluene

Concen: 119.371 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054752.D

Acq: 28 Mar 2019 18:36

Instrument :

MSVOA_N

ClientSampleId :

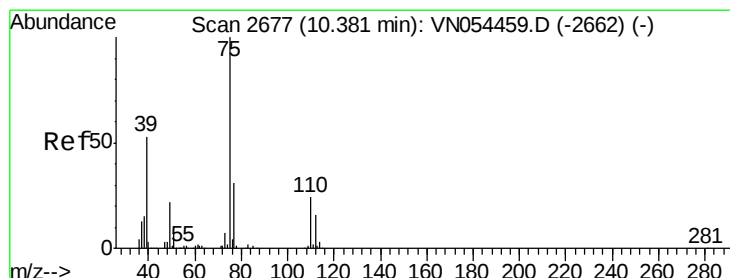
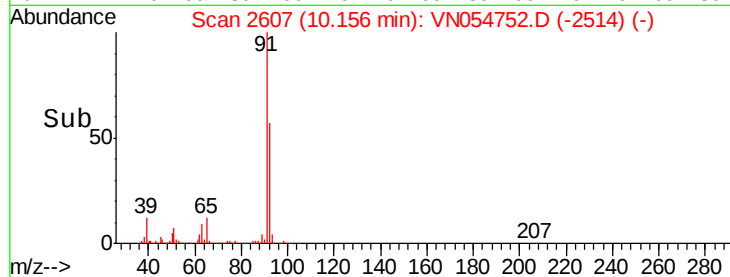
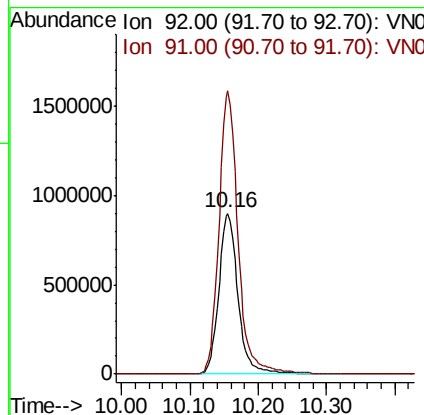
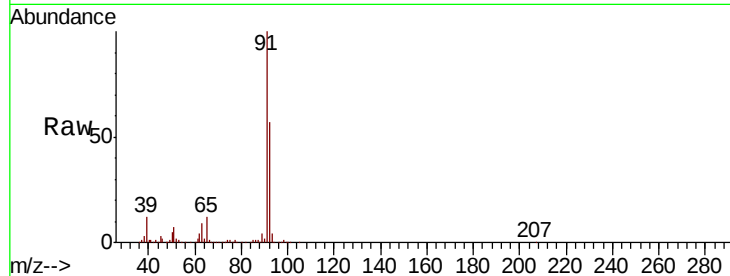
DL-2-COMP

Tot Ion: 92 Resp: 1757345

Ion Ratio Lower Upper

92 100

91 175.7 140.7 211.1



#53

t-1,3-Dichloropropene

Concen: 4.662 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.23 min

Lab File: VN054752.D

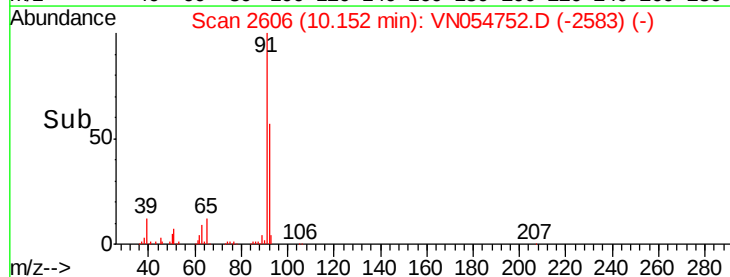
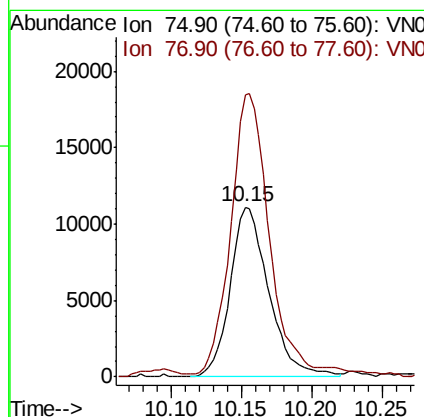
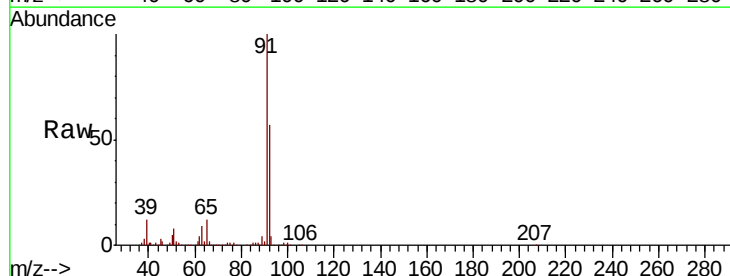
Acq: 28 Mar 2019 18:36

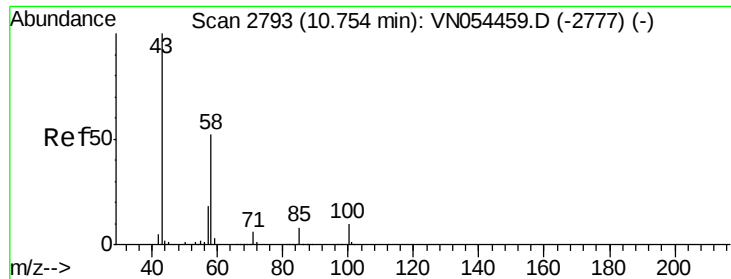
Tgt Ion: 75 Resp: 21353

Ion Ratio Lower Upper

75 100

77 164.8 25.8 38.8#

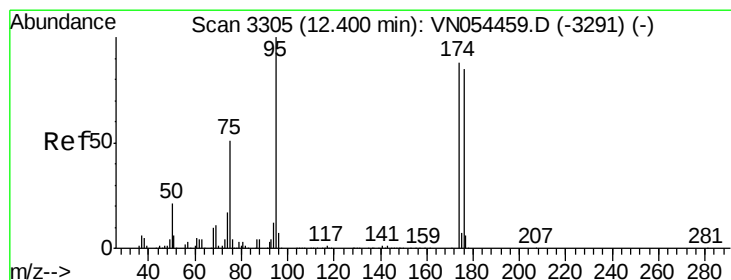
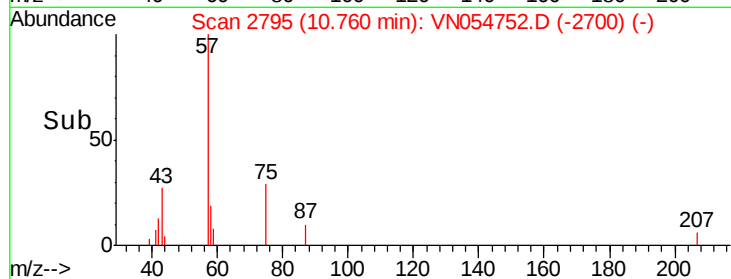
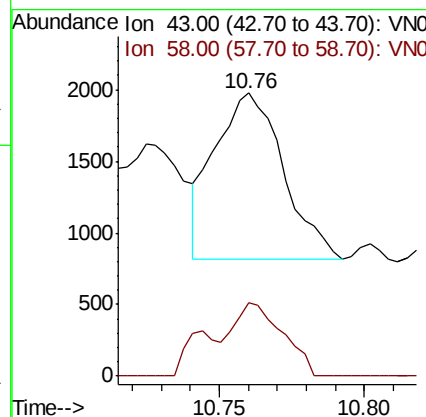
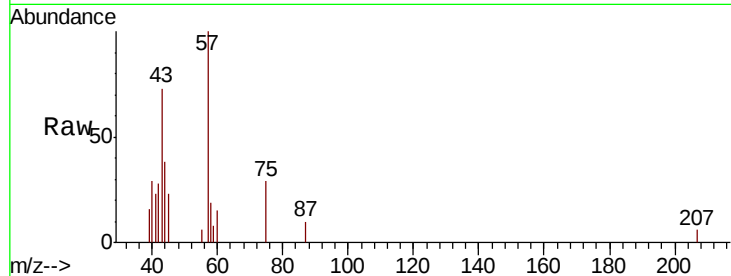




#59
2-Hexanone
Concen: 0.522 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

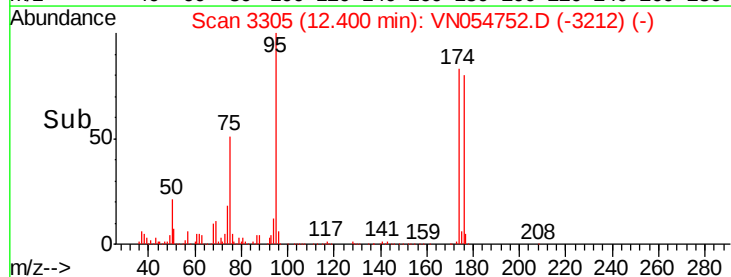
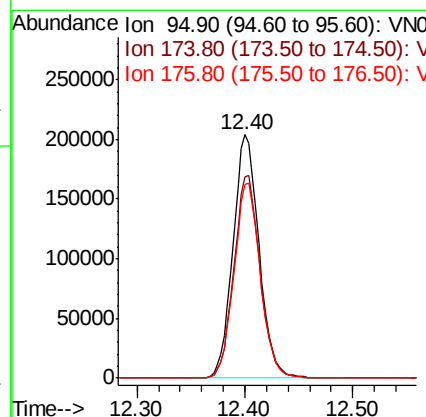
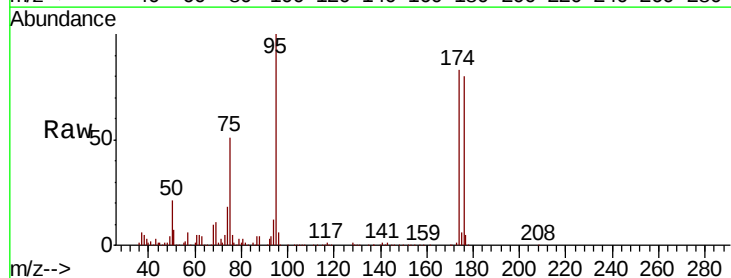
Instrument :
MSVOA_N
ClientSampleId :
DL-2-COMP

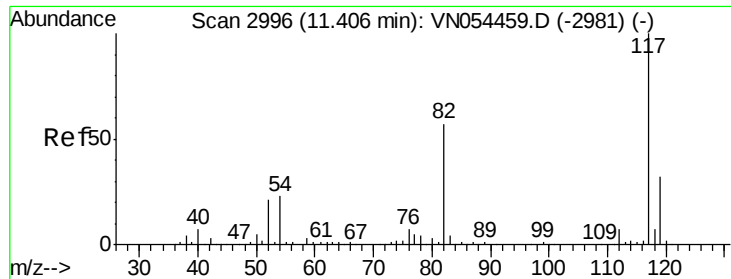
Tot Ion: 43 Resp: 1899
Ion Ratio Lower Upper
43 100
58 31.5 28.0 83.9



#62
4-Bromofluorobenzene
Concen: 46.489 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

Tgt Ion: 95 Resp: 343001
Ion Ratio Lower Upper
95 100
174 84.1 0.0 191.0
176 81.1 0.0 187.4

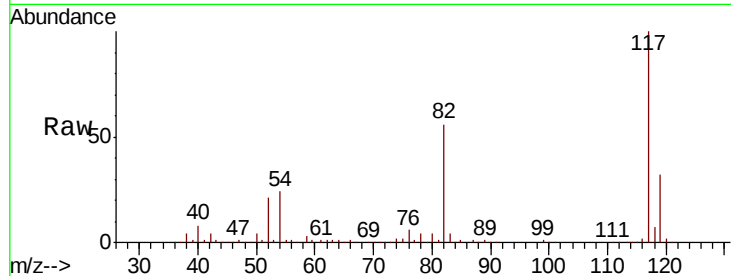




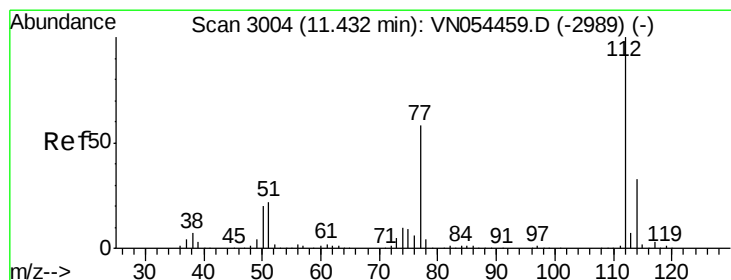
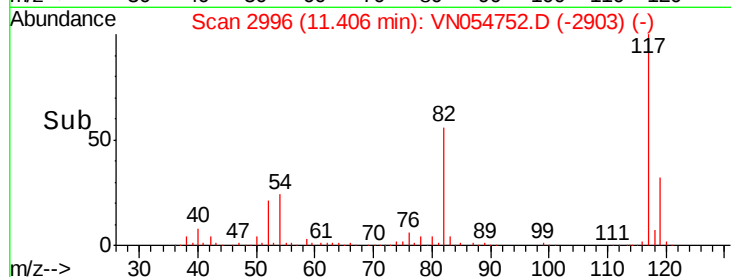
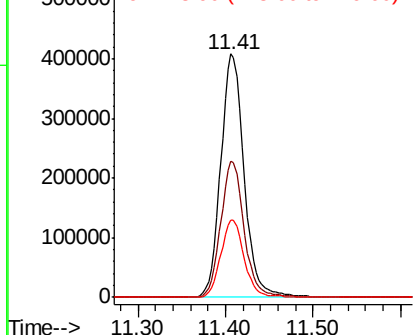
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

Instrument :
MSVOA_N
ClientSampleId :
DL-2-COMP

Tot Ion:117 Resp: 757867
Ion Ratio Lower Upper
117 100
82 56.1 40.0 60.0
119 31.8 25.8 38.6

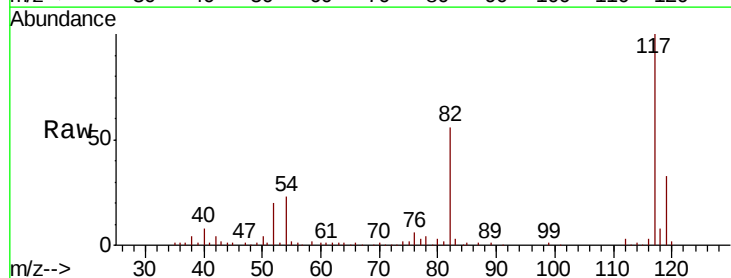


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

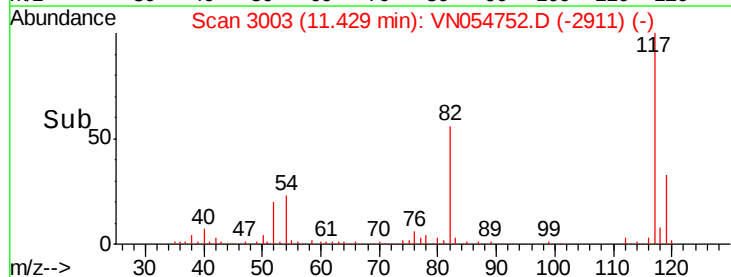
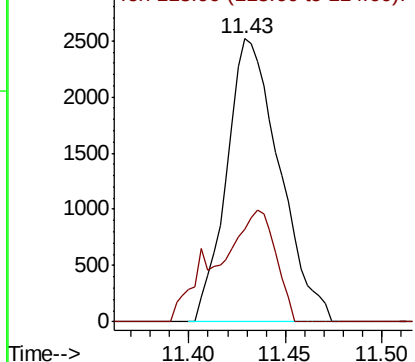


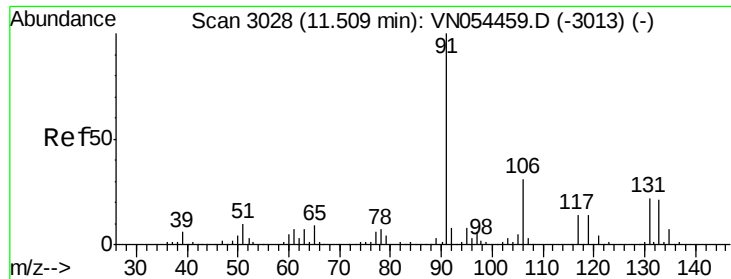
#65
Chlorobenzene
Concen: 0.309 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

Tgt Ion:112 Resp: 4766
Ion Ratio Lower Upper
112 100
114 32.9 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

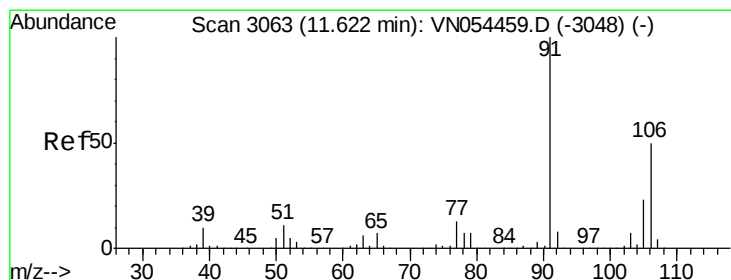
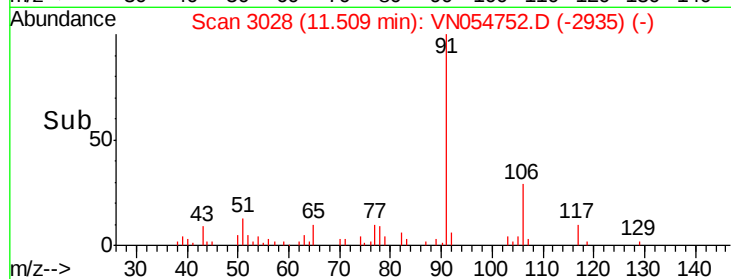
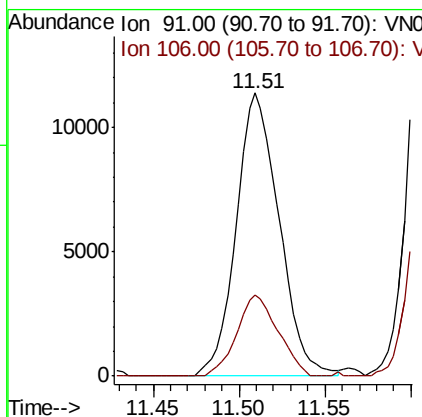
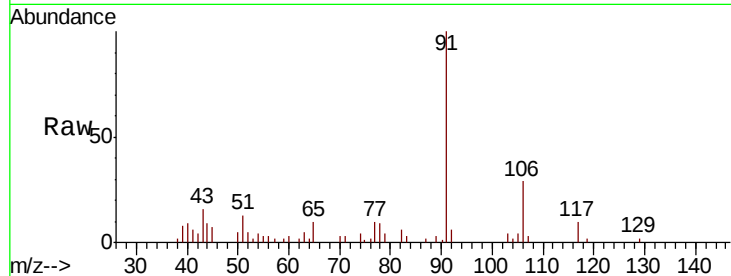




#67
Ethyl Benzene
Concen: 0.726 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

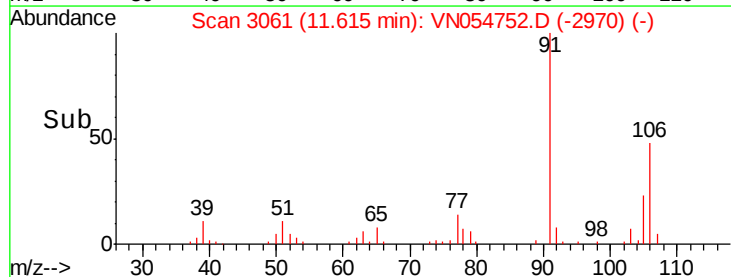
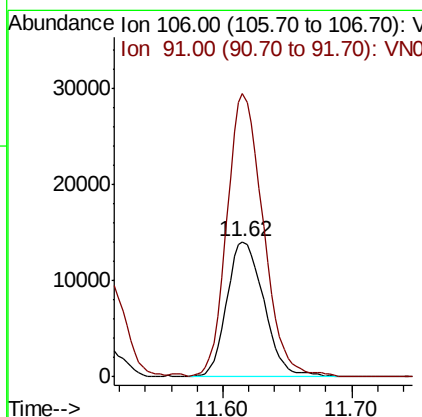
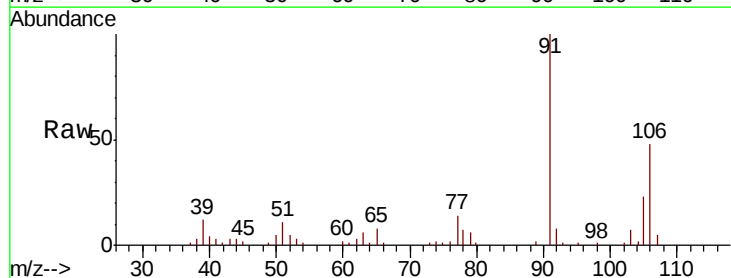
Instrument :
MSVOA_N
ClientSampled :
DL-2-COMP

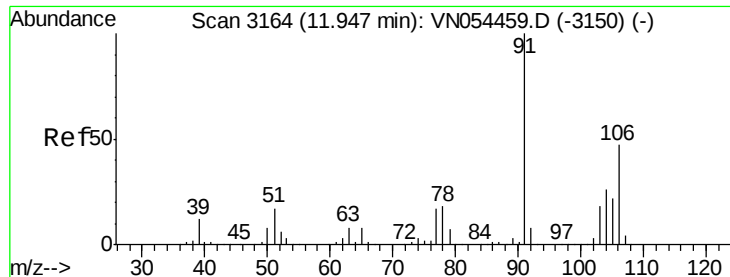
Tot Ion: 91 Resp: 19780
Ion Ratio Lower Upper
91 100
106 28.7 25.5 38.3



#68
m/p-Xylenes
Concen: 2.730 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

Tgt Ion: 106 Resp: 28157
Ion Ratio Lower Upper
106 100
91 204.6 159.4 239.2

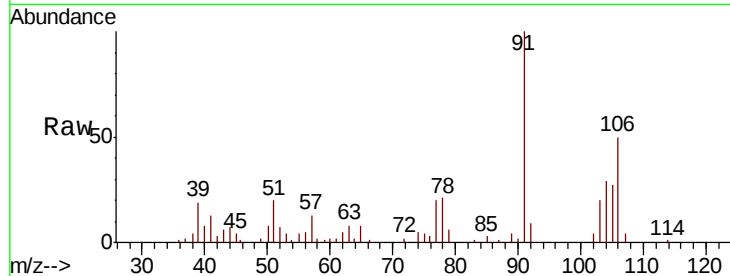




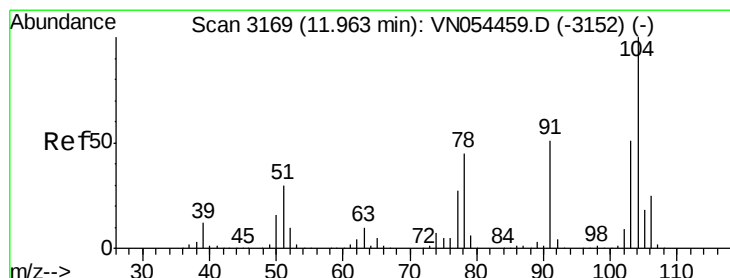
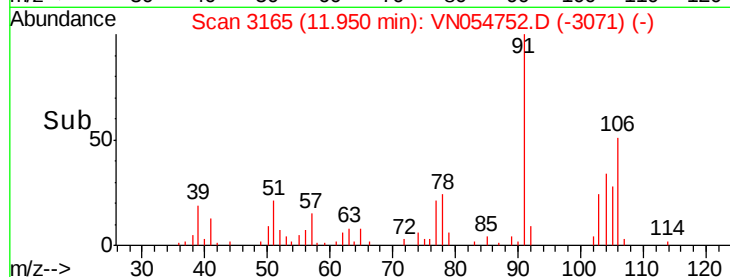
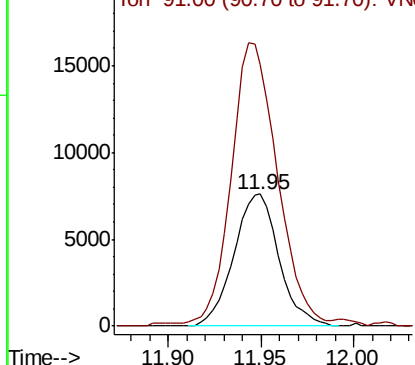
#69
o-Xylene
Concen: 1.273 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

Instrument :
MSVOA_N
ClientSampled :
DL-2-COMP

Tot Ion:106 Resp: 12817
Ion Ratio Lower Upper
106 100
91 212.8 105.7 317.1

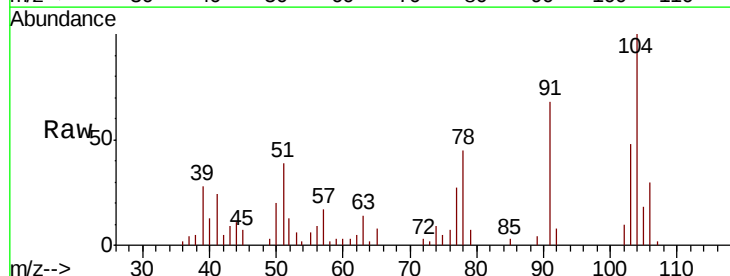


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

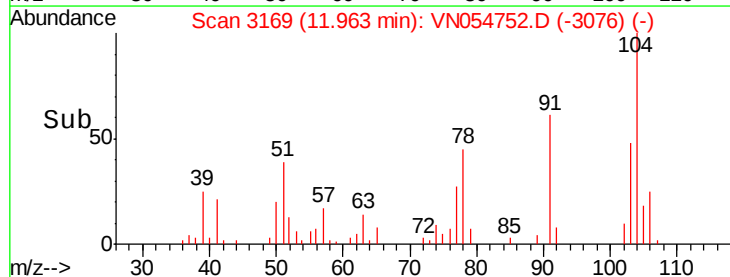
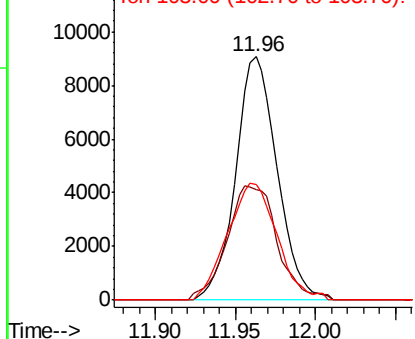


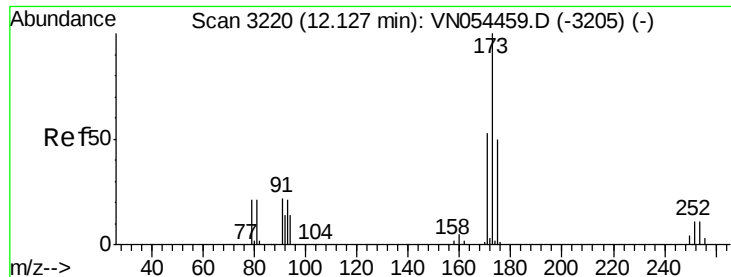
#70
Styrene
Concen: 0.984 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

Tgt Ion:104 Resp: 16089
Ion Ratio Lower Upper
104 100
78 56.5 38.2 57.2
103 57.3 44.4 66.6



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





#71

Bromoform

Concen: 2.740 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054752.D

Acq: 28 Mar 2019 18:36

Instrument :

MSVOA_N

ClientSampleId :

DL-2-COMP

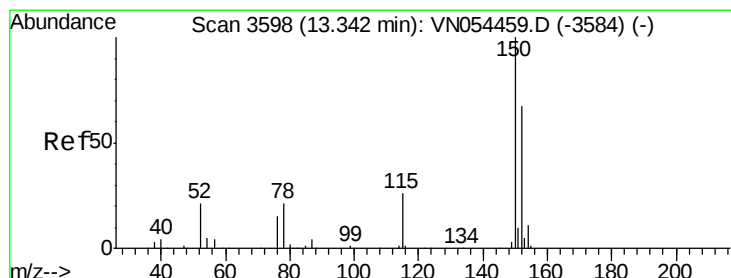
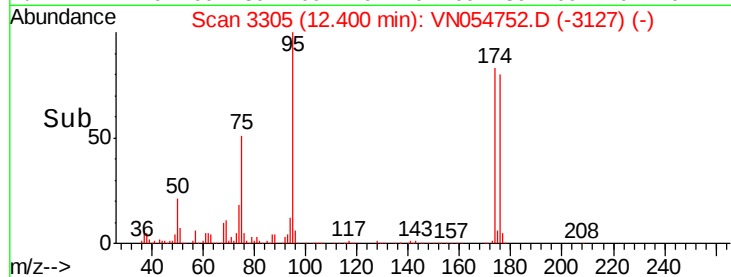
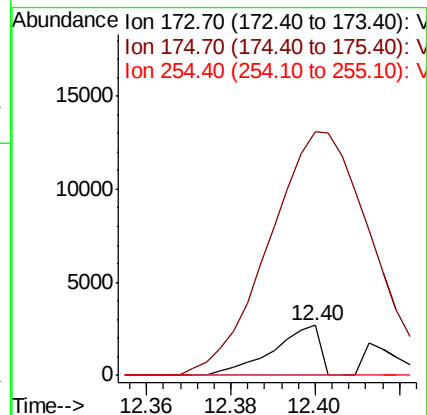
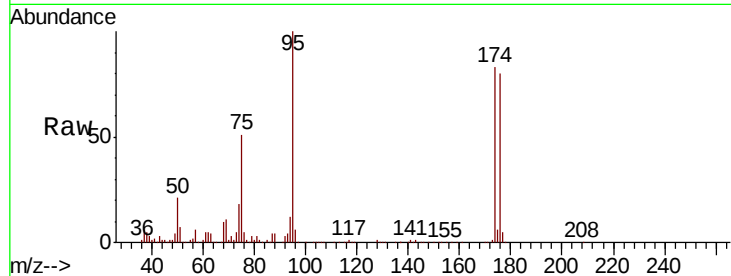
Tot Ion:173 Resp: 2072

Ion Ratio Lower Upper

173 100

175 931.9 24.4 73.2#

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: VN054752.D

Acq: 28 Mar 2019 18:36

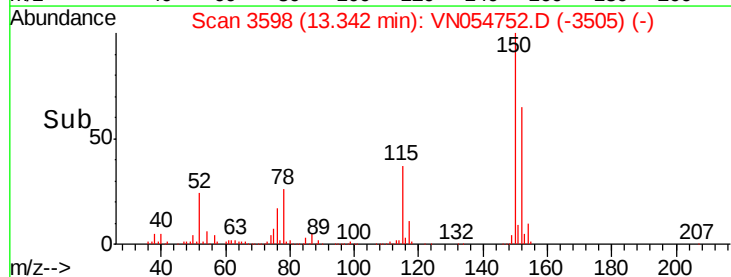
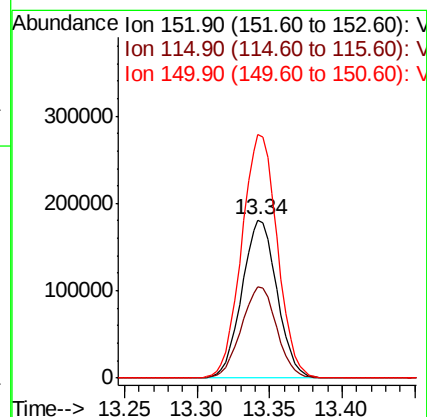
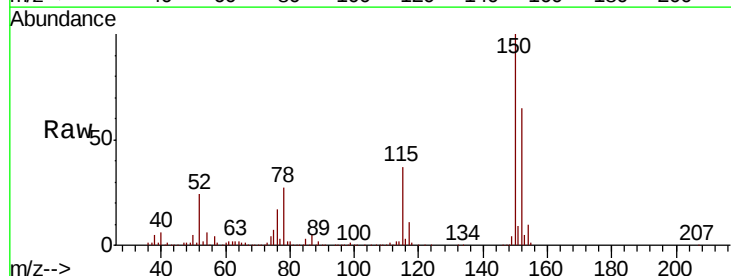
Tgt Ion:152 Resp: 303601

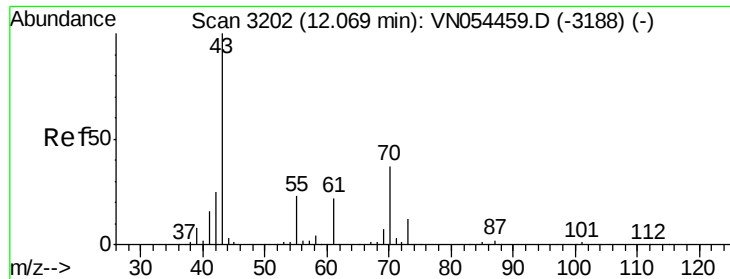
Ion Ratio Lower Upper

152 100

115 58.4 27.2 81.6

150 156.5 0.0 349.2

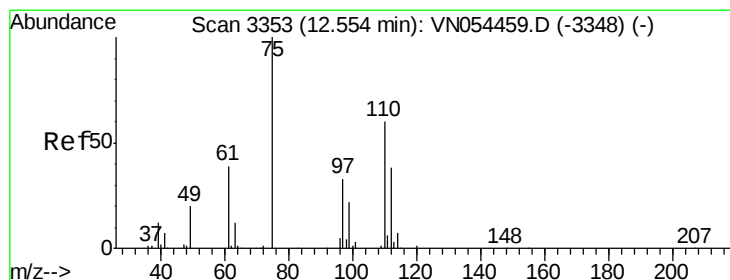
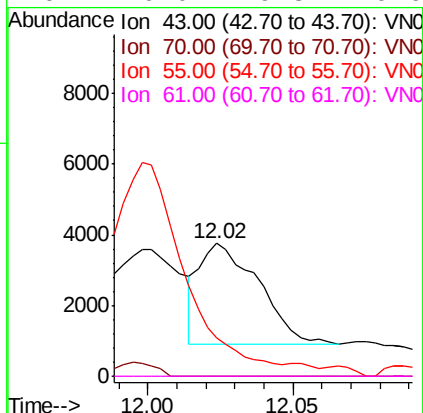
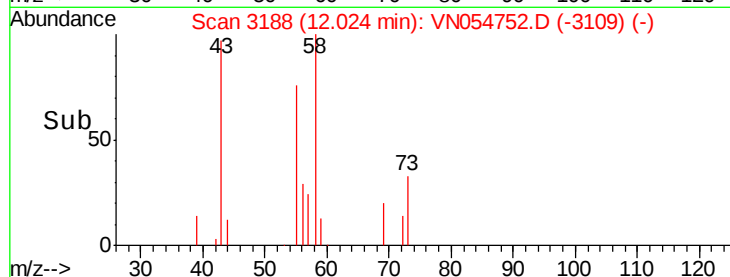
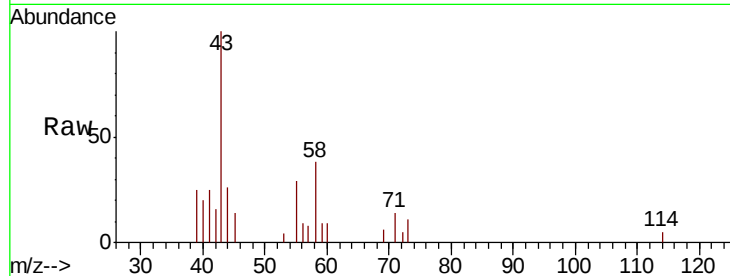




#74
N-amvl acetate
Concen: 0.573 ug/l
RT: 12.02 min Scan# 3188
Delta R.T. -0.05 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

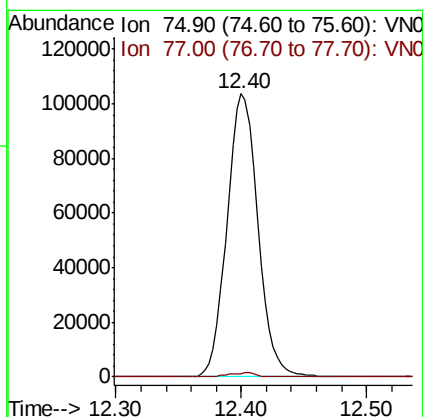
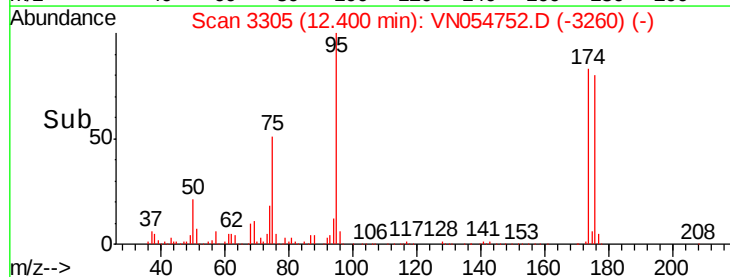
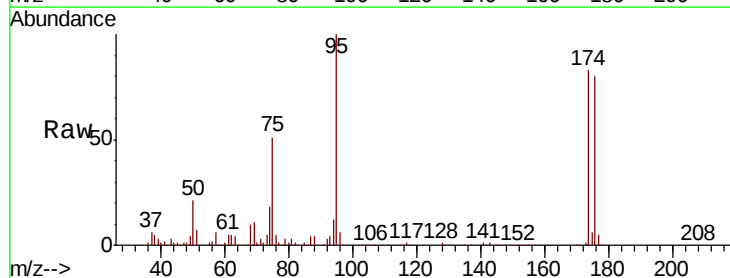
Instrument :
MSVOA_N
ClientSampleId :
DL-2-COMP

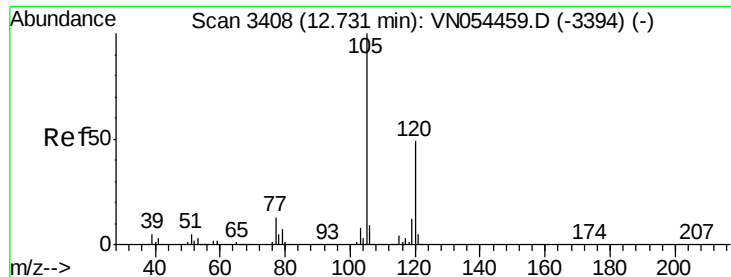
Tot Ion: 43 Resp: 4028
Ion Ratio Lower Upper
43 100
70 0.0 35.4 53.0#
55 0.0 19.8 29.6#
61 0.0 19.8 29.6#



#76
1,2,3-Trichloropropane
Concen: 36.786 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054752.D
Acq: 28 Mar 2019 18:36

Tgt Ion: 75 Resp: 177223
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

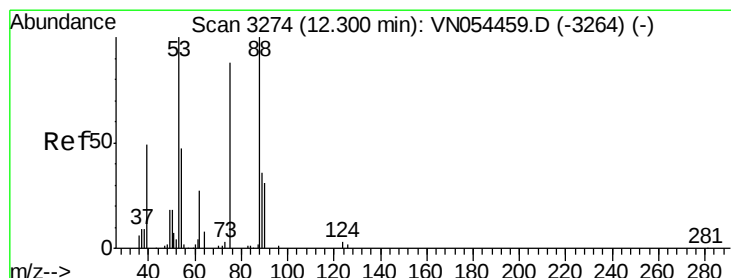
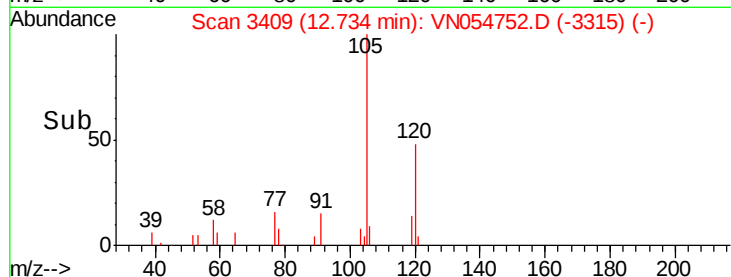
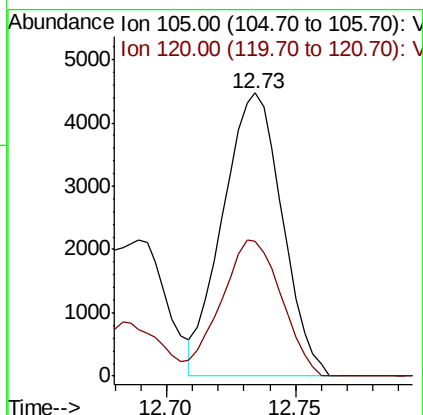
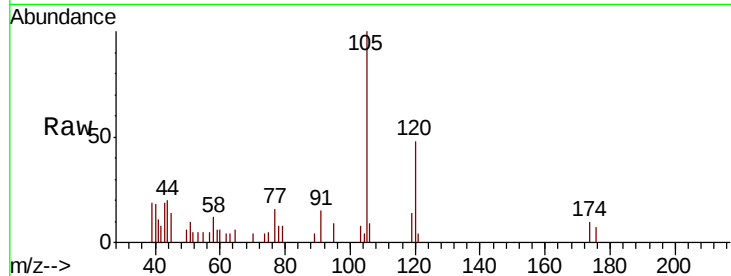




#80
 1,3,5-Trimethylbenzene
 Concen: 0.358 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN054752.D
 Acq: 28 Mar 2019 18:36

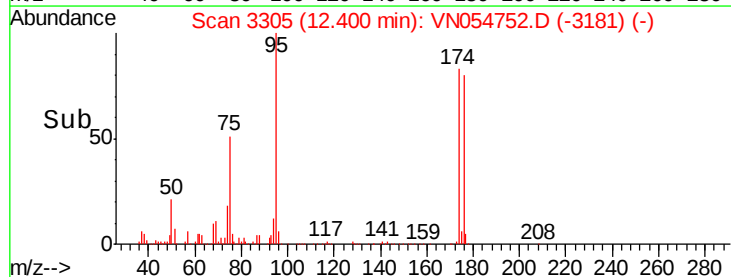
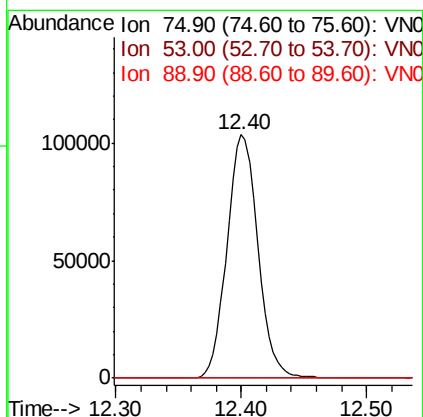
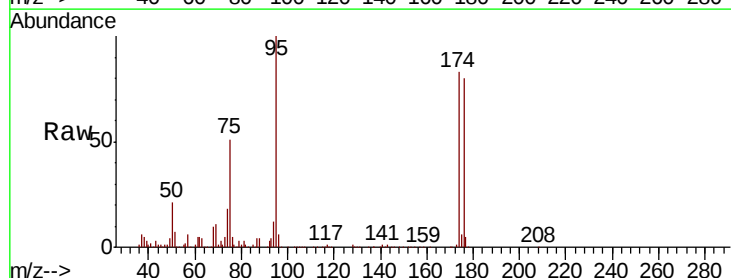
Instrument :
 MSVOA_N
 ClientSampled :
 DL-2-COMP

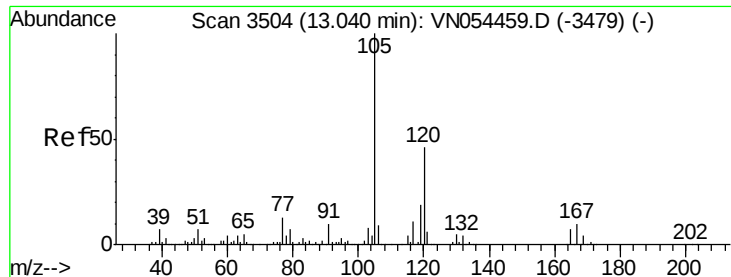
Tot Ion:105 Resp: 7181
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.0 75.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.941 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN054752.D
 Acq: 28 Mar 2019 18:36

Tgt Ion: 75 Resp: 177223
 Ion Ratio Lower Upper
 75 100
 53 0.4 76.2 114.2#
 89 0.0 39.2 58.8#





#84

1,2,4-Trimethylbenzene

Concen: 1.259 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054752.D

Acq: 28 Mar 2019 18:36

Instrument :

MSVOA_N

ClientSampleId :

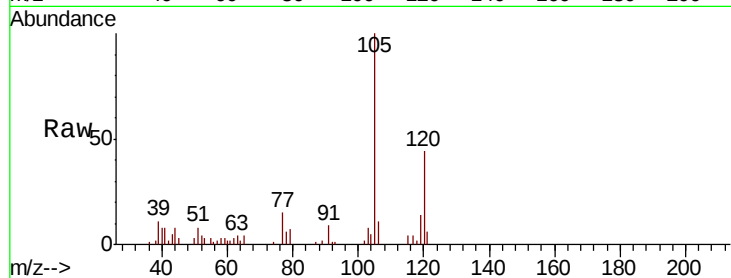
DL-2-COMP

Tot Ion:105 Resp: 24773

Ion Ratio Lower Upper

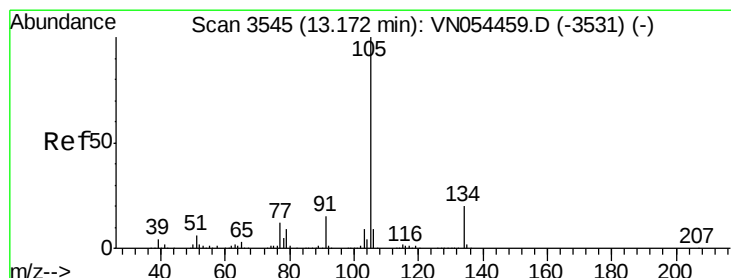
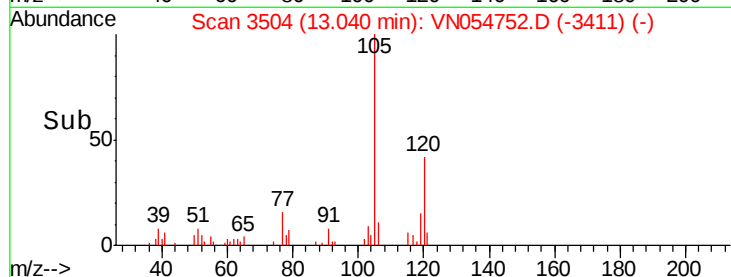
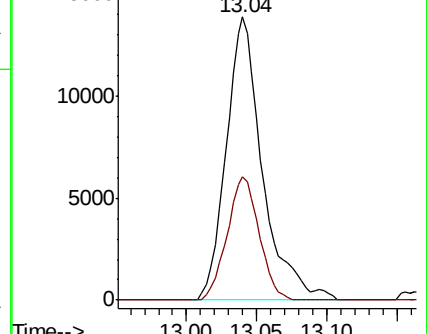
105 100

120 38.5 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.139 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054752.D

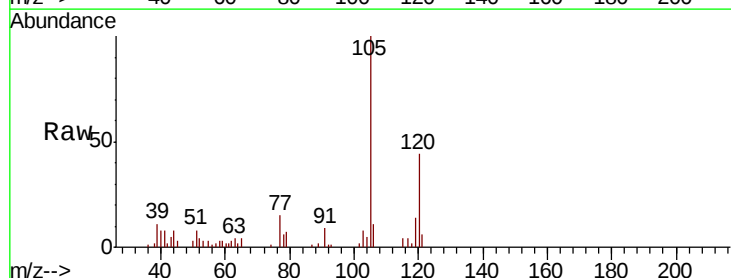
Acq: 28 Mar 2019 18:36

Tgt Ion:105 Resp: 24773

Ion Ratio Lower Upper

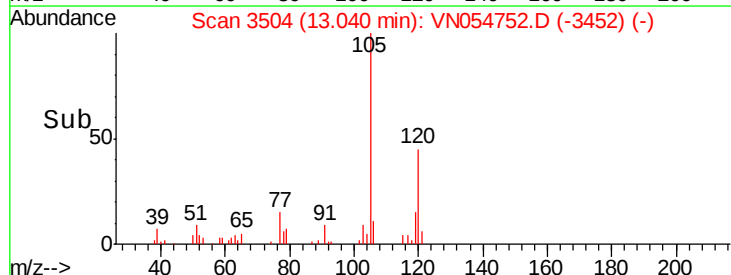
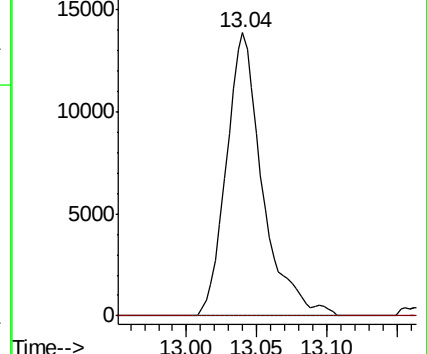
105 100

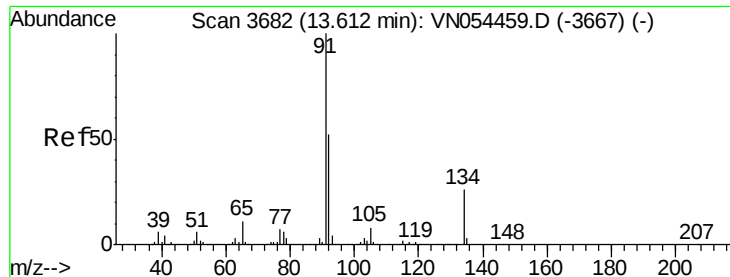
134 0.0 10.7 32.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#89

n-Butylbenzene

Concen: 0.240 ug/l

RT: 13.61 min Scan# 3680

Delta R.T. -0.01 min

Lab File: VN054752.D

Acq: 28 Mar 2019 18:36

Instrument :

MSVOA_N

ClientSampled :

DL-2-COMP

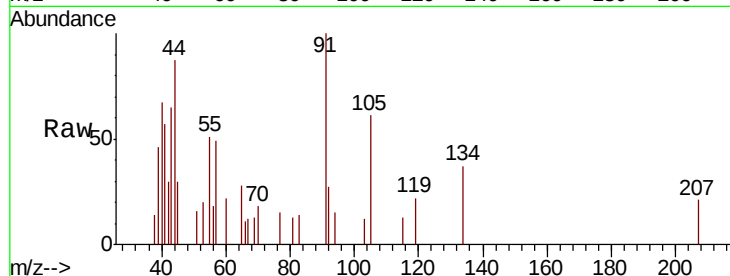
Tot Ion: 91 Resp: 3648

Ion Ratio Lower Upper

91 100

92 26.1 26.2 78.6#

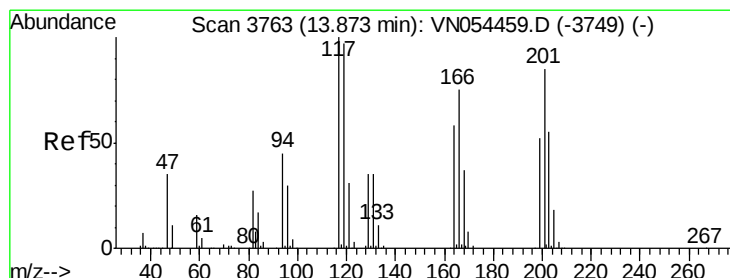
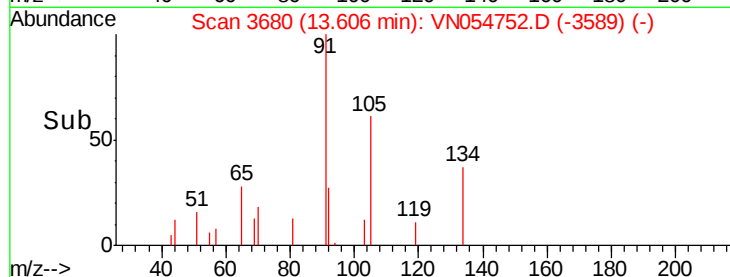
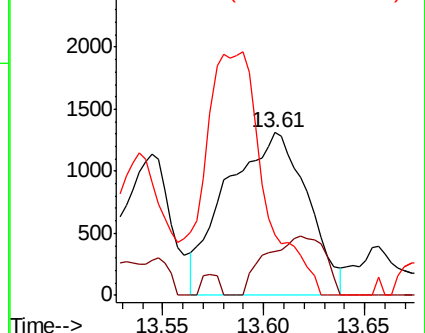
134 0.0 14.3 42.9#



Abundance Ion 91.00 (90.70 to 91.70): VN054459.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN054459.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN054459.D (-3667) (-)



#90

Hexachloroethane

Concen: 0.771 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN054752.D

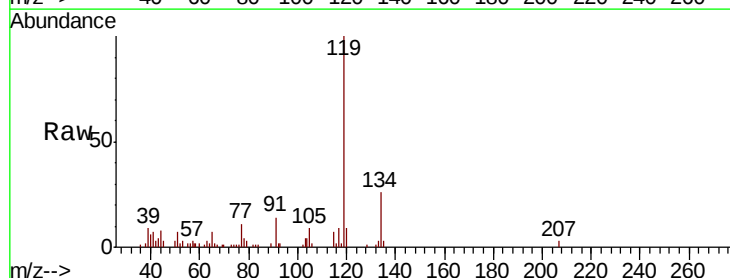
Acq: 28 Mar 2019 18:36

Tgt Ion: 117 Resp: 2329

Ion Ratio Lower Upper

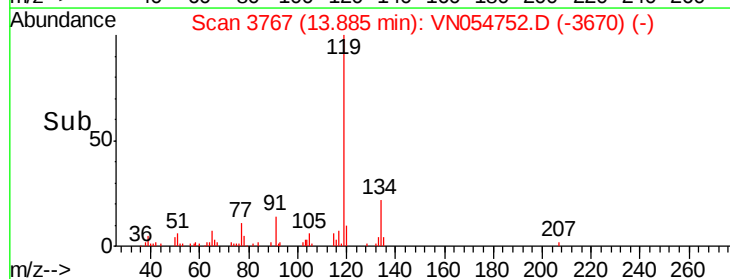
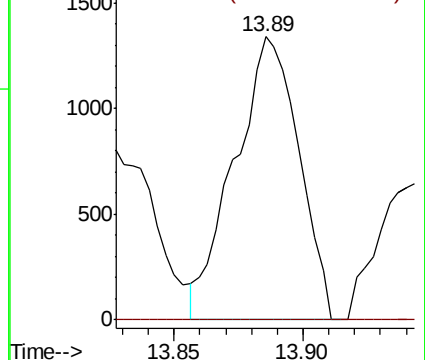
117 100

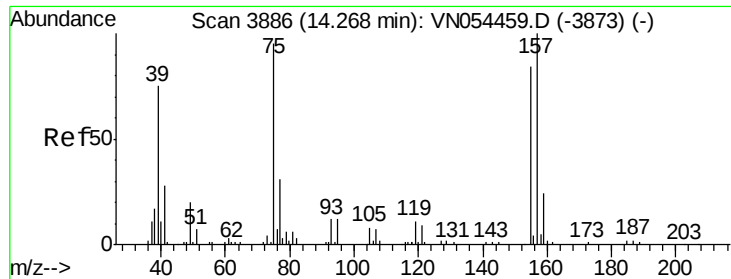
201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): VN054459.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN054459.D (-3749) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.261 ug/l

RT: 14.24 min Scan# 3877

Delta R.T. -0.03 min

Lab File: VN054752.D

Acq: 28 Mar 2019 18:36

Instrument :

MSVOA_N

ClientSampleId :

DL-2-COMP

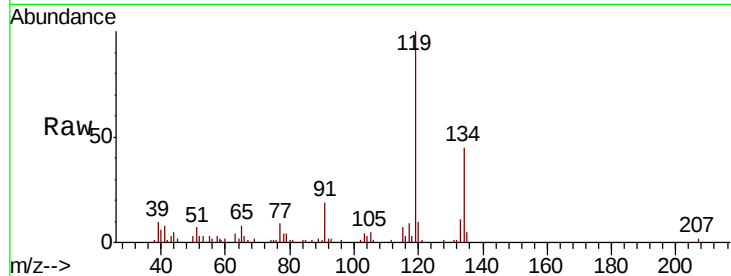
Tot Ion: 75 Resp: 214

Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

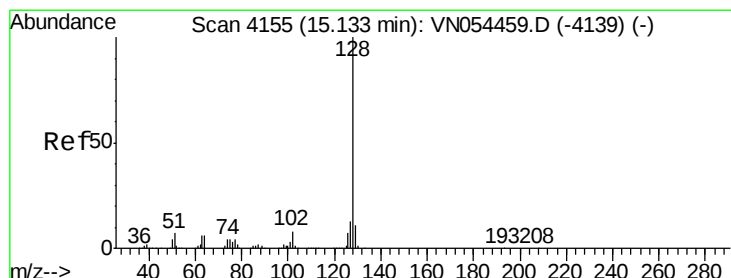
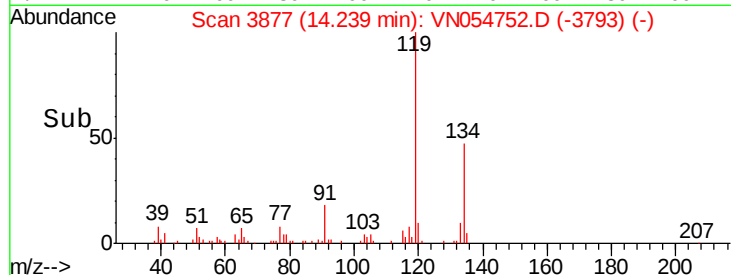
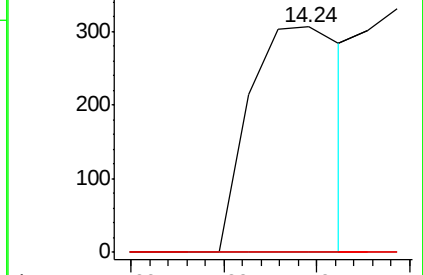
157 0.0 63.1 189.3#



Abundance Ion 74.90 (74.60 to 75.60): VN054459.D (-3873) (-)

Ion 154.80 (154.50 to 155.50): VN054459.D (-3873) (-)

Ion 156.80 (156.50 to 157.50): VN054459.D (-3873) (-)



#95

Naphthalene

Concen: 12.571 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054752.D

Acq: 28 Mar 2019 18:36

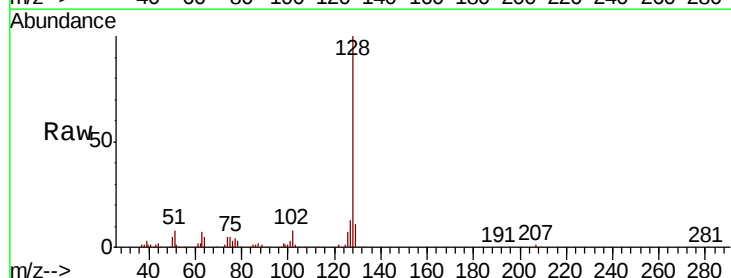
Tgt Ion: 128 Resp: 136135

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): VN054459.D (-4139) (-)

Ion 127.00 (126.70 to 127.70): VN054459.D (-4139) (-)

Ion 129.00 (128.70 to 129.70): VN054459.D (-4139) (-)

