

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054424.D
 Acq On : 19 Mar 2019 5:57
 Operator : JC/SP
 Sample : K1970-03 10X
 Misc : 6.98g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 19 07:53:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1970328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2803005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2386044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1042767	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	903359	43.17	ug/l	0.00
Spiked Amount			Recovery	=	86.34%	
35) Dibromofluoromethane	7.59	113	831233	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	
50) Toluene-d8	10.09	98	3254050	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.40	95	1027537	43.98	ug/l	0.00
Spiked Amount			Recovery	=	87.96%	

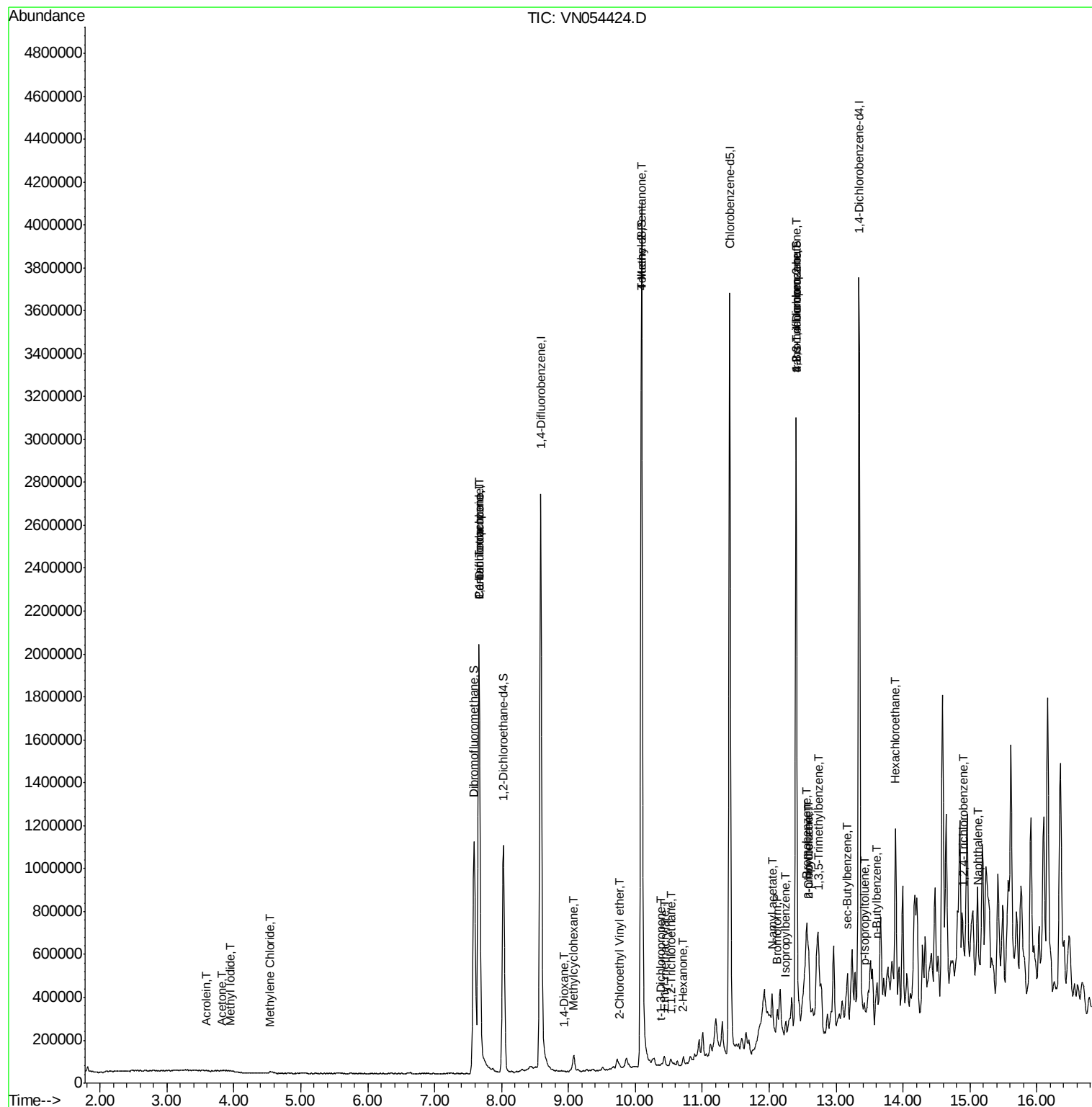
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.95	142	222	1.504	ug/l #	45
13) Acrolein	3.59	56	415	0.305	ug/l	90
16) Acetone	3.82	43	2399	0.400	ug/l #	70
20) Methylene Chloride	4.55	84	5156	0.262	ug/l #	86
31) Cyclohexane	7.66	56	34756	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	111899	4.335	ug/l #	48
38) Carbon Tetrachloride	7.66	117	160651	5.935	ug/l #	16
39) Methylcyclohexane	9.08	83	38085	1.199	ug/l	96
49) 1,4-Dioxane	8.94	88	85	0.455	ug/l #	1
51) 4-Methyl-2-Pentanone	10.09	43	13553	0.984	ug/l #	1
53) t-1,3-Dichloropropene	10.36	75	111	1.990	ug/l #	42
55) 1,1,2-Trichloroethane	10.53	97	13455	0.787	ug/l #	20
56) Ethyl methacrylate	10.43	69	4948	0.243	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.77	63	102	16.839	ug/l	100
59) 2-Hexanone	10.72	43	19180	2.092	ug/l #	29
71) Bromoform	12.13	173	1416	2.444	ug/l #	28
73) Isopropylbenzene	12.25	105	62620	0.751	ug/l	96
74) N-amyl acetate	12.04	43	32341	1.746	ug/l #	59
76) 1,2,3-Trichloropropane	12.40	75	479338	31.259	ug/l #	100
77) Bromobenzene	12.55	156	506773	22.956	ug/l #	1
78) n-propylbenzene	12.59	91	133245	1.472	ug/l	98
79) 2-Chlorotoluene	12.59	91	133245	2.448	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.74	105	21755	0.313	ug/l #	27
81) trans-1,4-Dichloro-2-buten	12.40	75	479338	106.857	ug/l #	11
85) sec-Butylbenzene	13.17	105	136889	1.653	ug/l	90
86) p-Isopropyltoluene	13.44	119	20378	0.280	ug/l	92
89) n-Butylbenzene	13.61	91	110281	1.997	ug/l #	85
90) Hexachloroethane	13.89	117	40972	3.405	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.90	180	1096	2.564	ug/l #	1
95) Naphthalene	15.13	128	11370	3.701	ug/l #	69

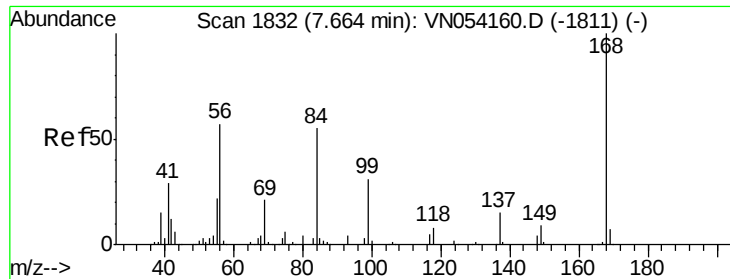
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054424.D

Acq: 19 Mar 2019 5:57

Instrument :

MSVOA_N

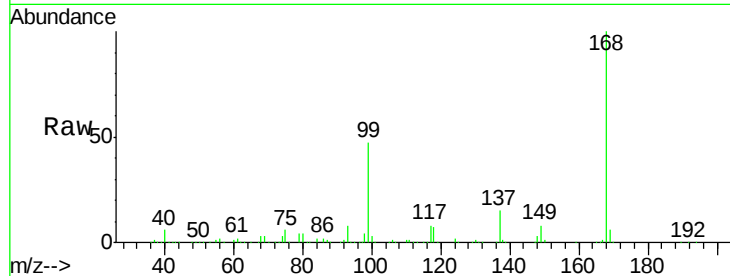
ClientSampleId :

Tot Ion:168 Resp: 1970328

Ion Ratio Lower Upper

168 100

99 46.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

800000

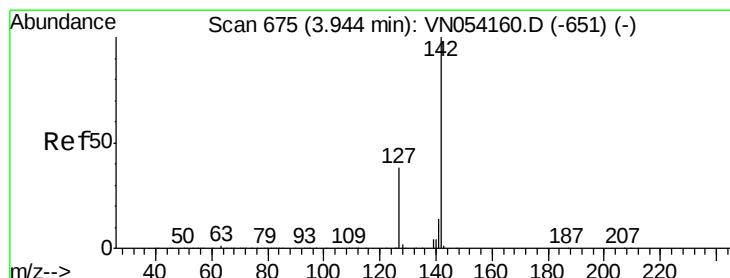
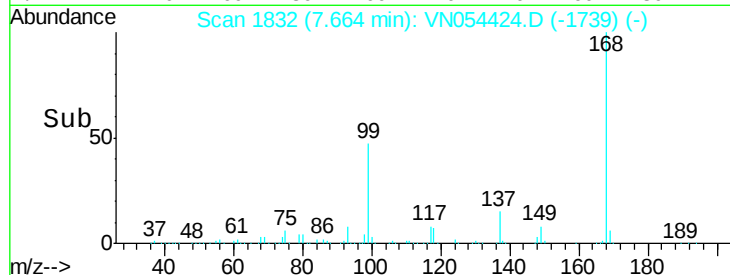
600000

400000

200000

0

Time-->



#10

Methyl Iodide

Concen: 1.504 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.01 min

Lab File: VN054424.D

Acq: 19 Mar 2019 5:57

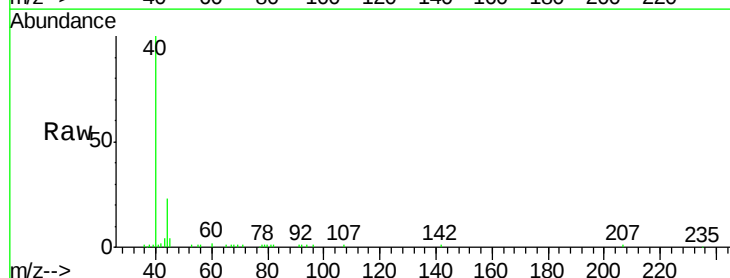
Tgt Ion:142 Resp: 222

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

600

500

400

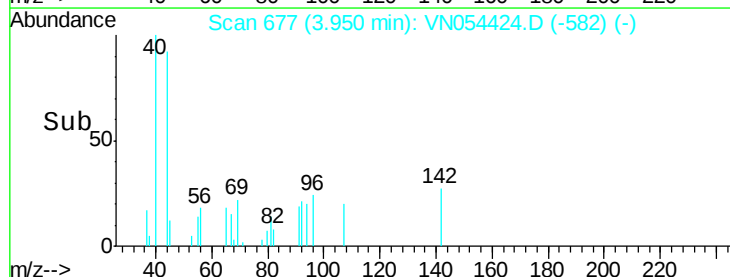
300

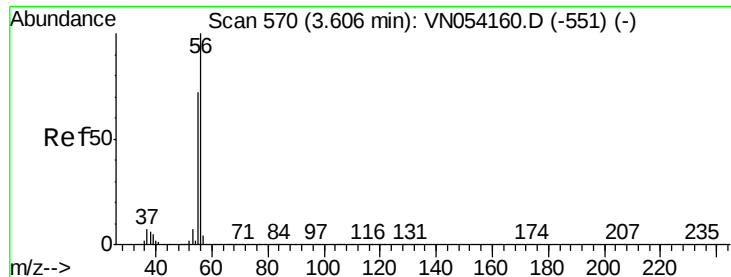
200

100

0

Time-->





#13

Acrolein

Concen: 0.305 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.02 min

Lab File: VN054424.D

Acq: 19 Mar 2019 5:57

Instrument :

MSVOA_N

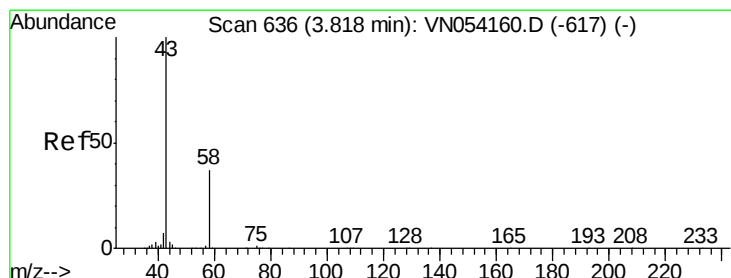
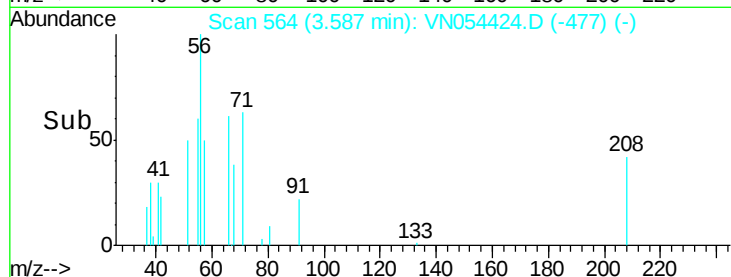
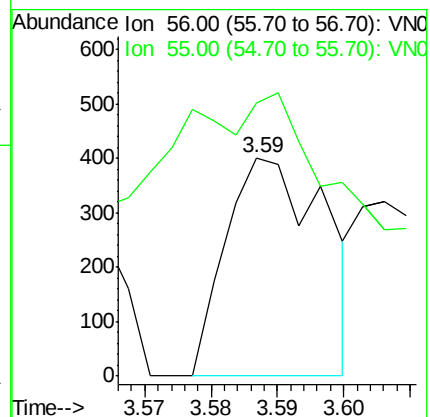
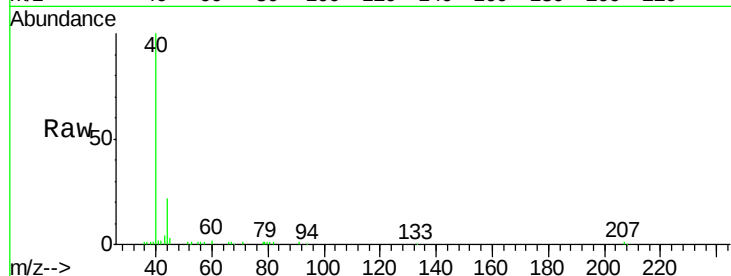
ClientSampled :

Tot Ion: 56 Resp: 415

Ion Ratio Lower Upper

56 100

55 79.0 56.7 85.1



#16

Acetone

Concen: 0.400 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054424.D

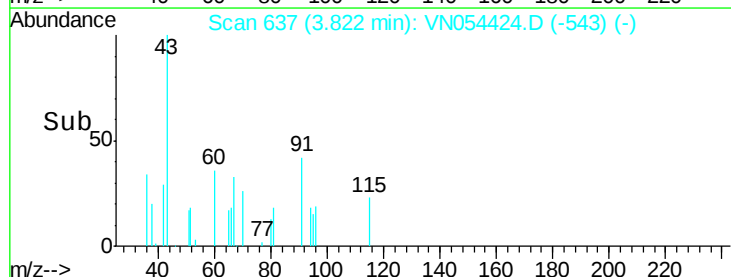
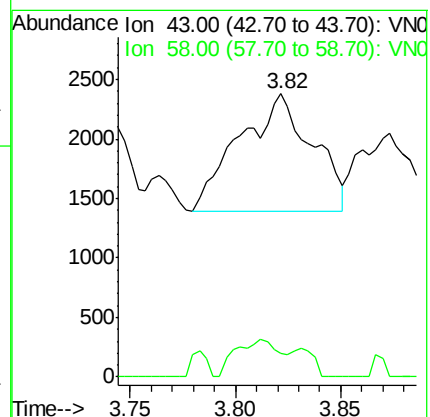
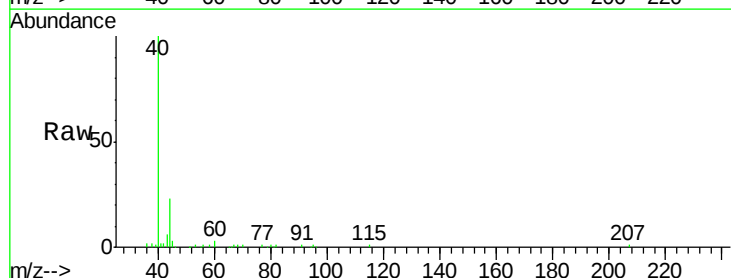
Acq: 19 Mar 2019 5:57

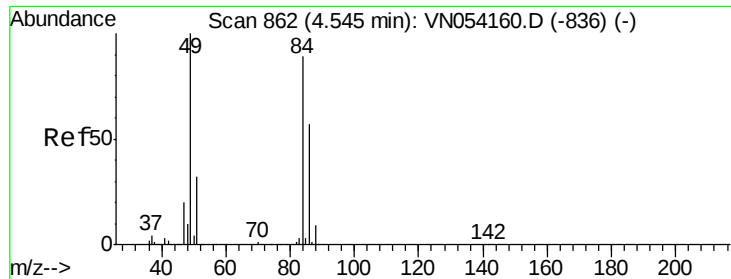
Tgt Ion: 43 Resp: 2399

Ion Ratio Lower Upper

43 100

58 19.5 29.9 44.9#

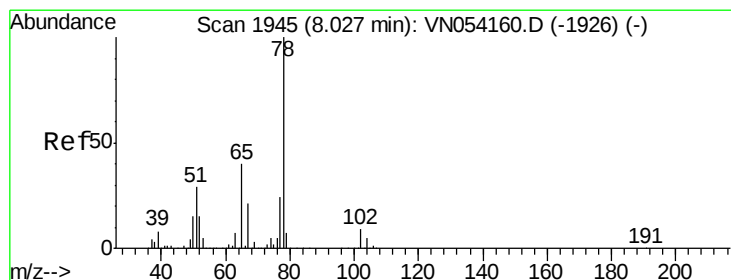
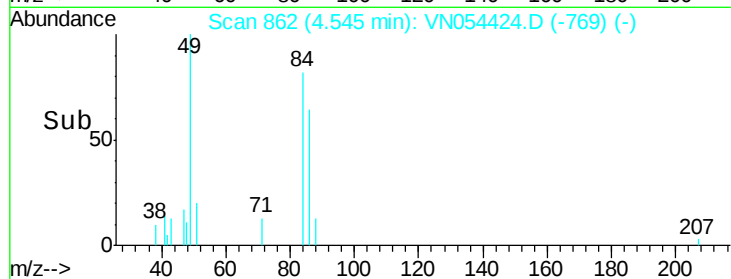
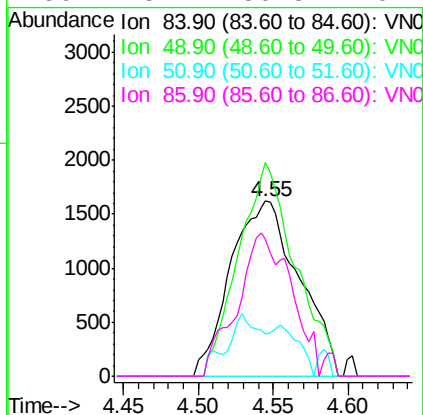
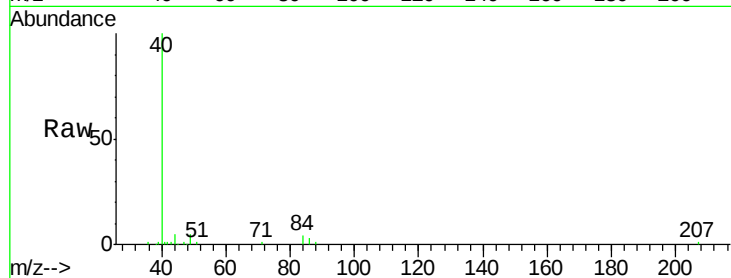




#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054424.D
Acq: 19 Mar 2019 5:57

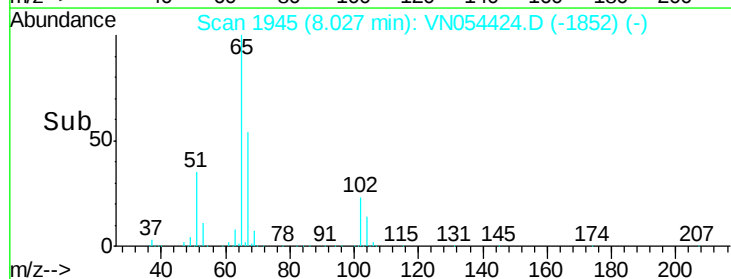
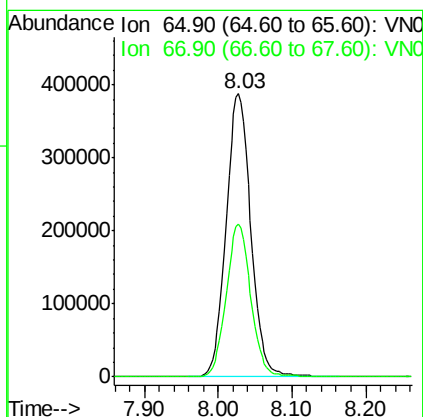
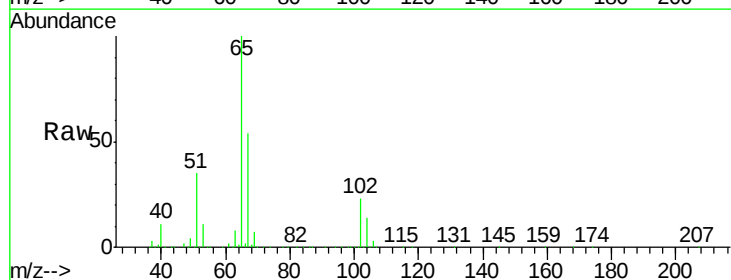
Instrument :
MSVOA_N
ClientSampleId :

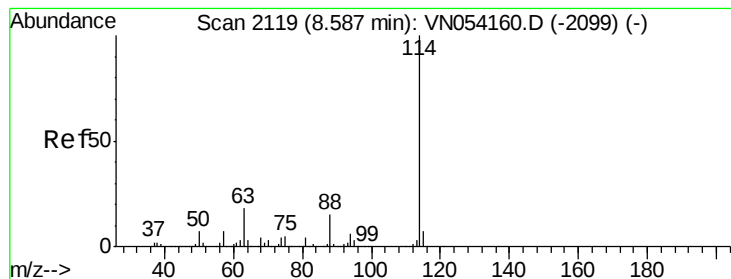
Tot Ion: 84 Resp: 5156
Ion Ratio Lower Upper
84 100
49 122.2 89.7 134.5
51 24.4 28.2 42.4#
86 78.7 50.8 76.2#



#33
1,2-Dichloroethane-d4
Concen: 43.171 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054424.D
Acq: 19 Mar 2019 5:57

Tgt Ion: 65 Resp: 903359
Ion Ratio Lower Upper
65 100
67 53.6 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: VN054424.D

Acq: 19 Mar 2019 5:57

Instrument :

MSVOA_N

ClientSampleId :

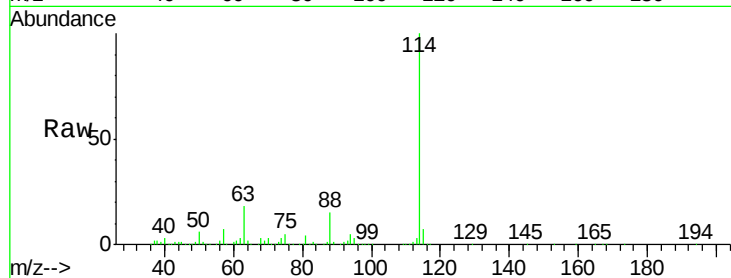
Tot Ion:114 Resp: 2803005

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

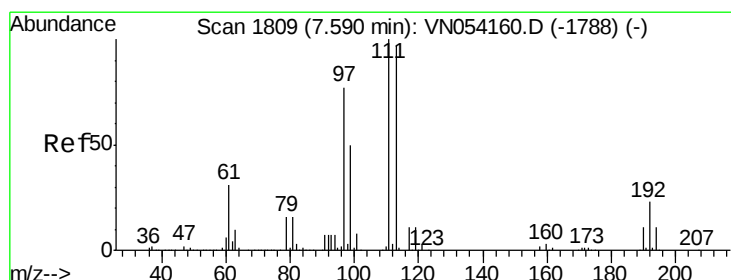
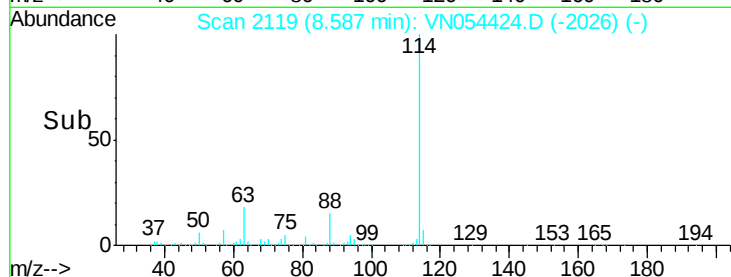
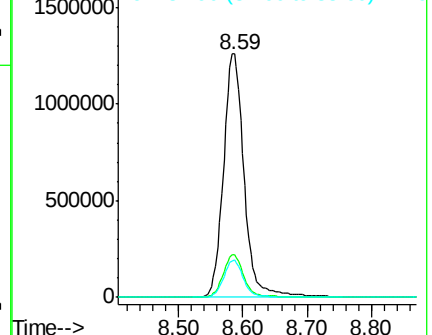
88 15.2 0.0 30.2



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: 45.980 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054424.D

Acq: 19 Mar 2019 5:57

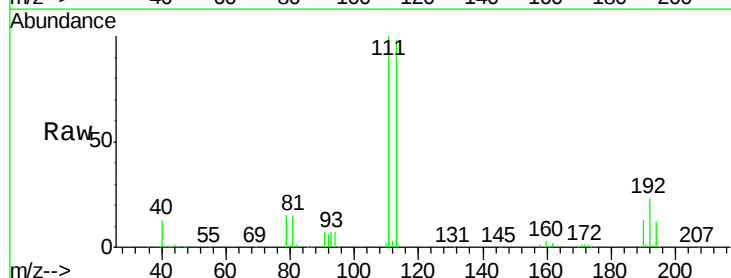
Tgt Ion:113 Resp: 831233

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

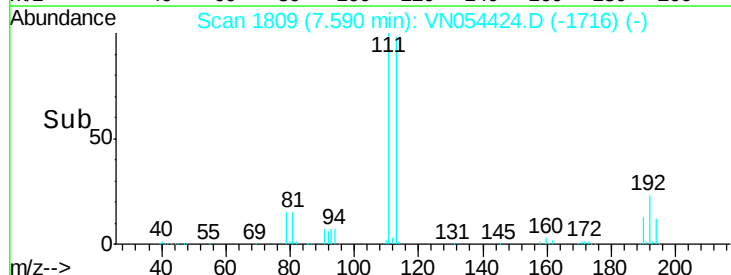
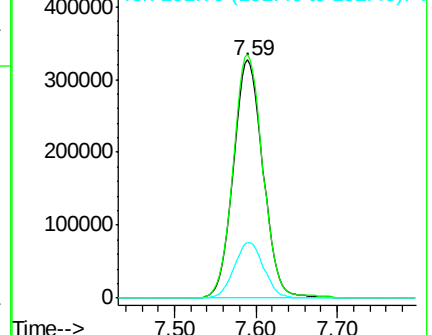
192 23.4 19.2 28.8

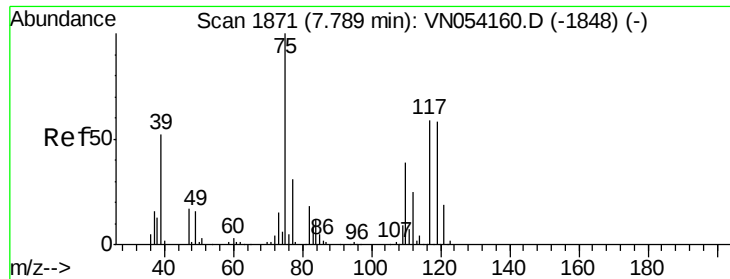


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

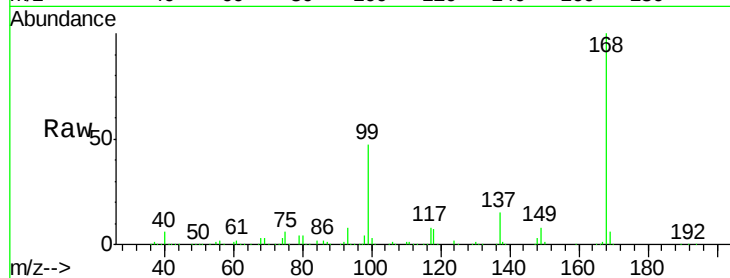




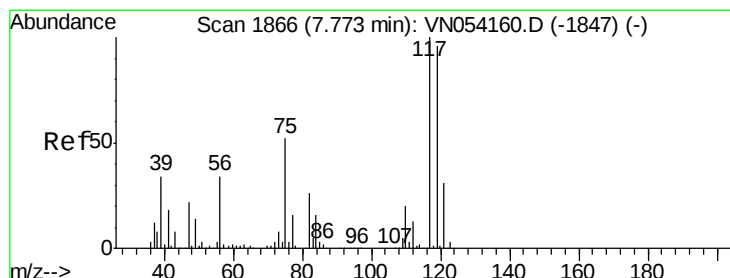
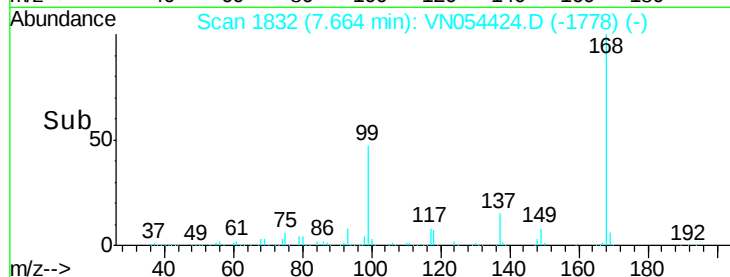
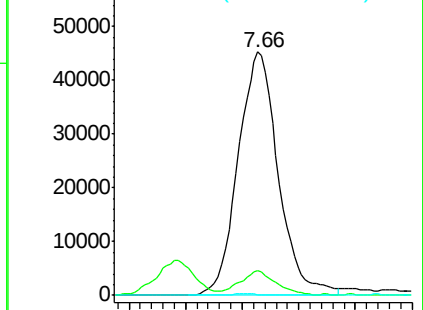
#36
 1,1-Dichloropropene
 Concen: 4.335 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054424.D
 Acq: 19 Mar 2019 5:57

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 111899
 Ion Ratio Lower Upper
 75 100
 110 9.3 19.1 57.5#
 77 0.3 25.0 37.4#

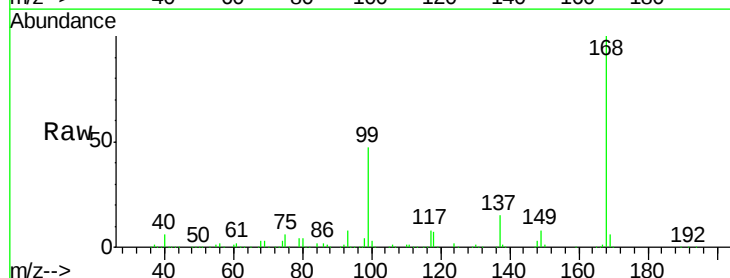


Abundance Ion 74.90 (74.60 to 75.60): VN054424.D (-1778) (-)
 Ion 109.90 (109.60 to 110.60): VN054424.D (-1778) (-)
 Ion 76.90 (76.60 to 77.60): VN054424.D (-1778) (-)

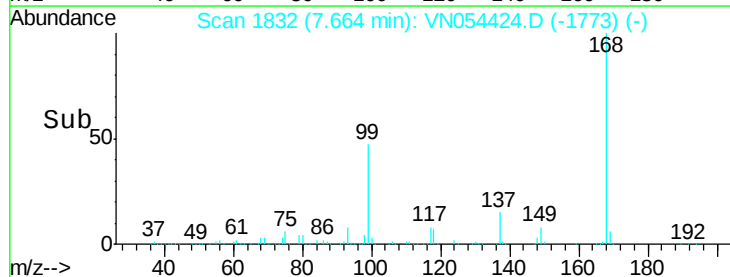
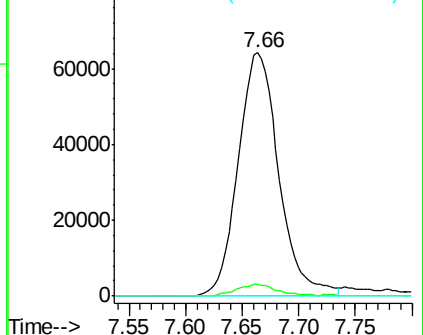


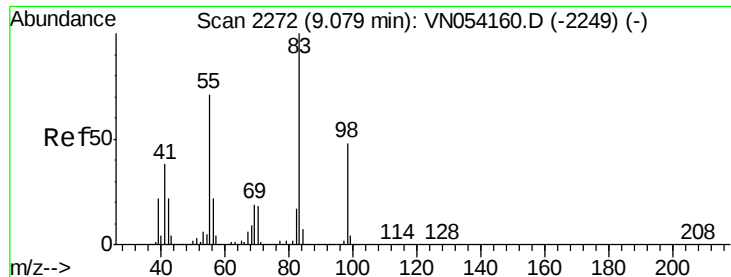
#38
 Carbon Tetrachloride
 Concen: 5.935 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054424.D
 Acq: 19 Mar 2019 5:57

Tgt Ion: 117 Resp: 160651
 Ion Ratio Lower Upper
 117 100
 119 4.5 76.3 114.5#
 121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): VN054424.D (-1773) (-)
 Ion 118.80 (118.50 to 119.50): VN054424.D (-1773) (-)
 Ion 120.80 (120.50 to 121.50): VN054424.D (-1773) (-)

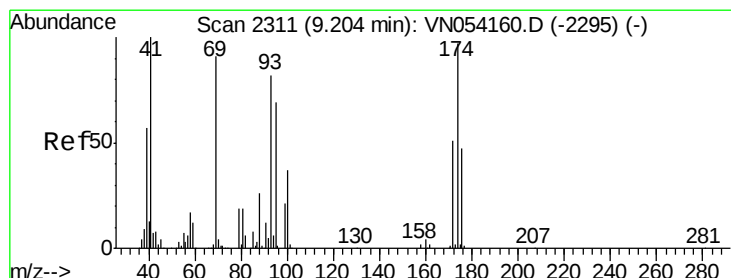
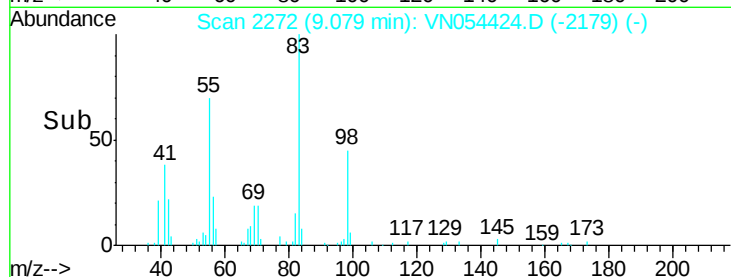
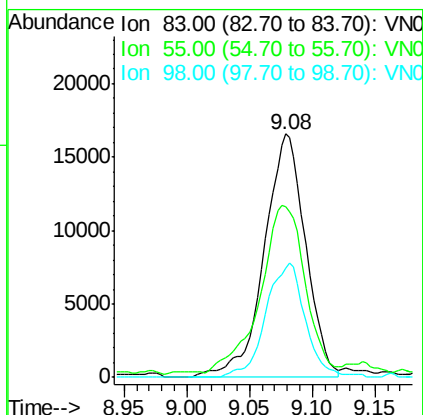
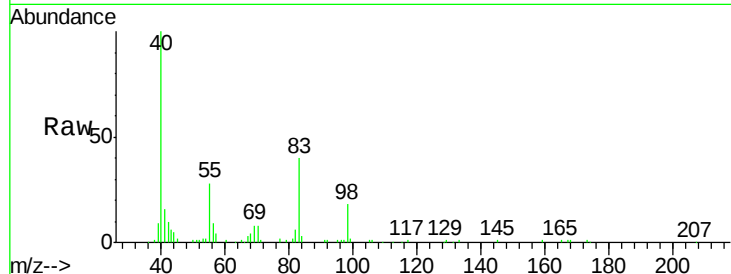




#39
Methvlcvclohexane
Concen: 1.199 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054424.D
Acq: 19 Mar 2019 5:57

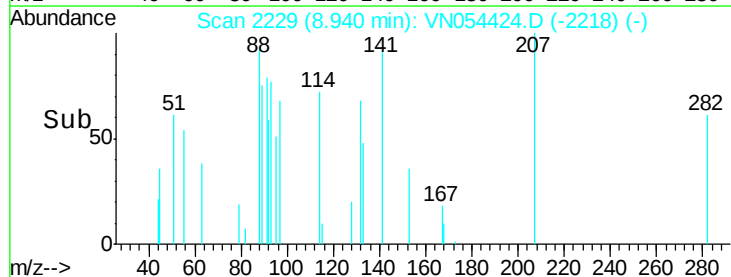
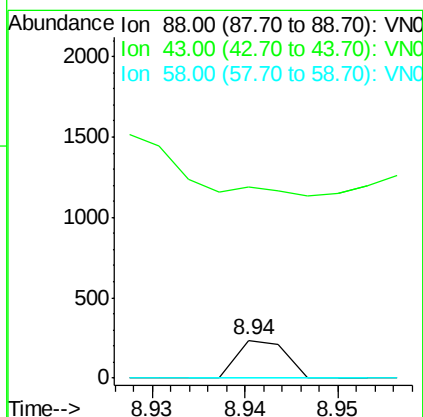
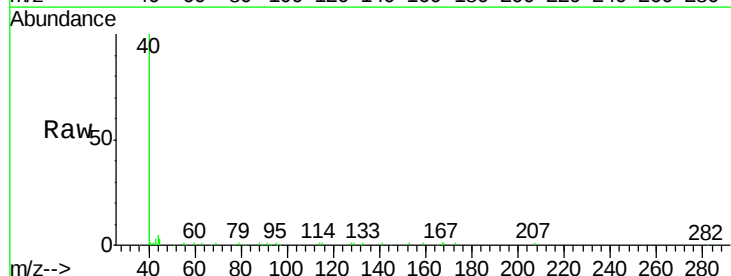
Instrument :
MSVOA_N
ClientSampled :

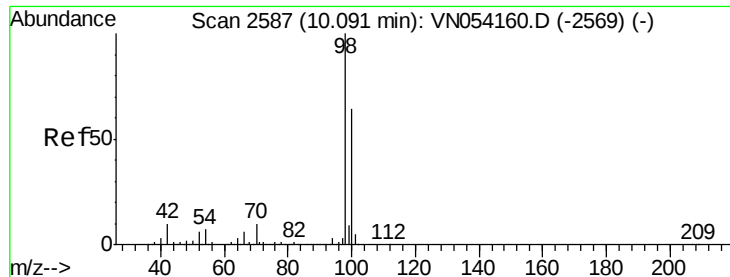
Tot Ion: 83 Resp: 38085
Ion Ratio Lower Upper
83 100
55 67.6 56.6 84.8
98 44.7 38.4 57.6



#49
1,4-Dioxane
Concen: 0.455 ug/l
RT: 8.94 min Scan# 2229
Delta R.T. -0.26 min
Lab File: VN054424.D
Acq: 19 Mar 2019 5:57

Tgt Ion: 88 Resp: 85
Ion Ratio Lower Upper
88 100
43 249.4 24.1 36.1#
58 0.0 50.8 76.2#





#50

Toluene-d8

Concen: 48.738 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054424.D

Acq: 19 Mar 2019 5:57

Instrument :

MSVOA_N

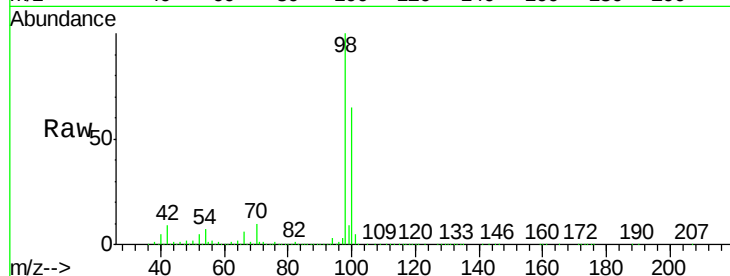
ClientSampleId :

Tot Ion: 98 Resp: 3254050

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054424.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054424.D (-2494) (-)

10.09

1500000

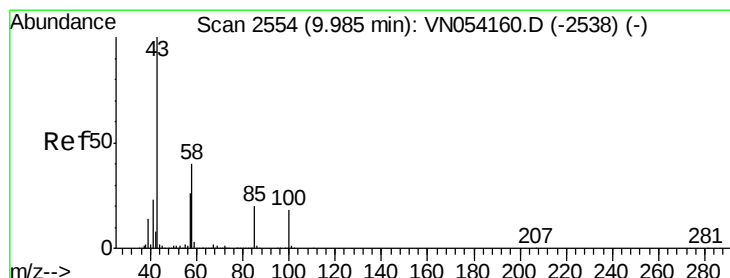
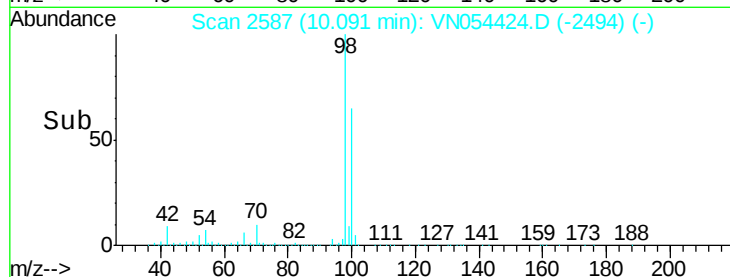
1000000

500000

0

Time-->

10.00 10.10 10.20 10.30



#51

4-Methyl-2-Pentanone

Concen: 0.984 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.10 min

Lab File: VN054424.D

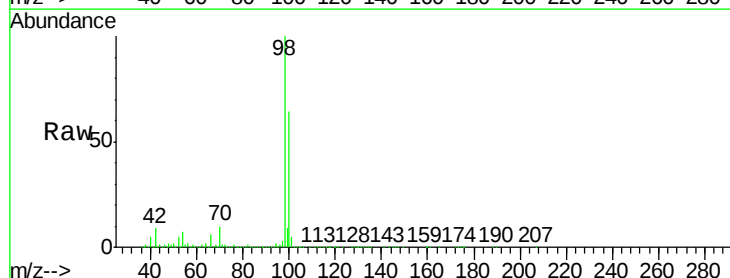
Acq: 19 Mar 2019 5:57

Tgt Ion: 43 Resp: 13553

Ion Ratio Lower Upper

43 100

58 162.6 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN054424.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN054424.D (-2461) (-)

10.09

12000

10000

8000

6000

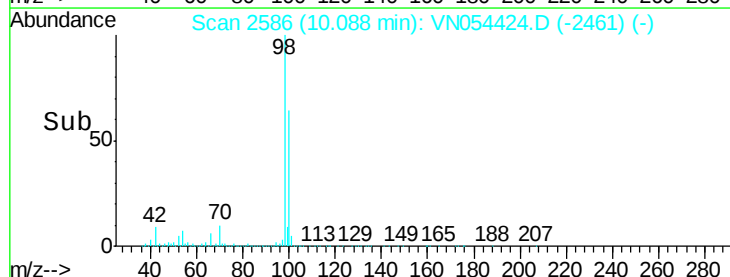
4000

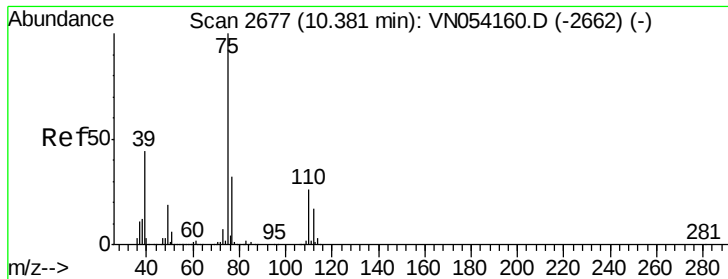
2000

0

Time-->

10.00 10.05 10.10 10.15

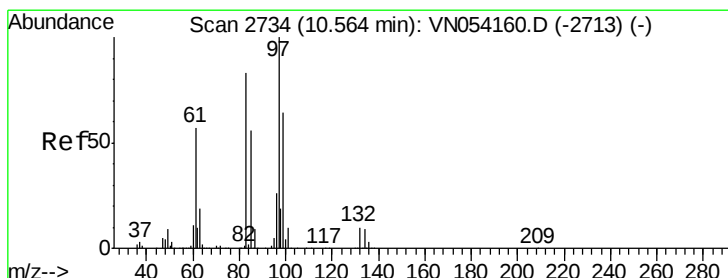
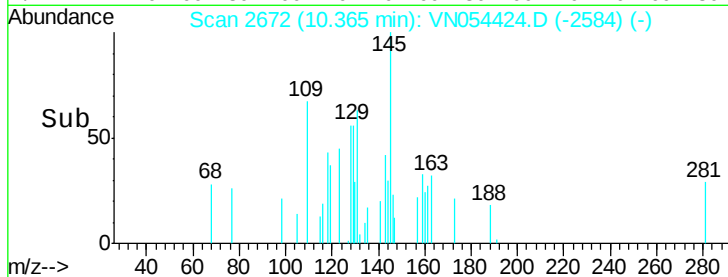
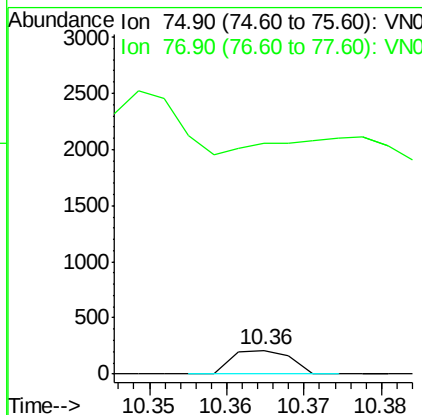
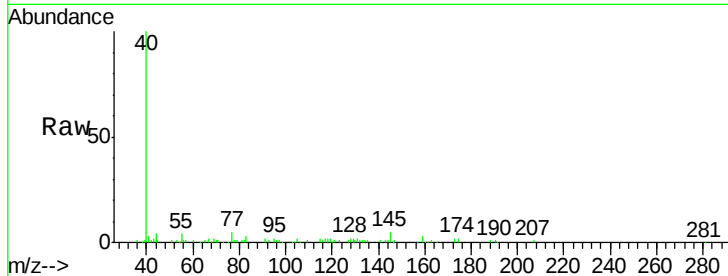




#53
t-1,3-Dichloropropene
Concen: 1.990 ug/l
RT: 10.36 min Scan# 2672
Delta R.T. -0.02 min
Lab File: VN054424.D
Acq: 19 Mar 2019 5:57

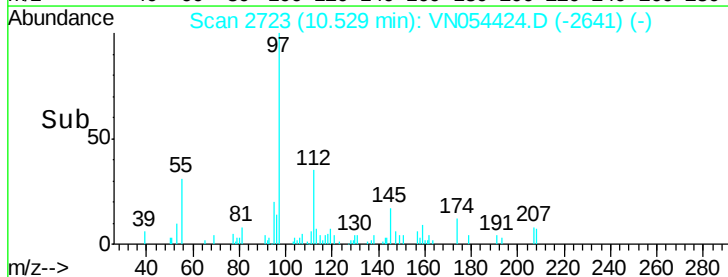
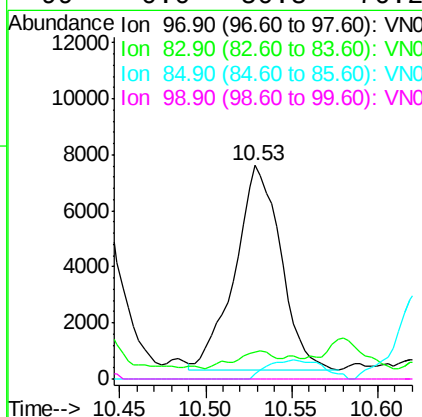
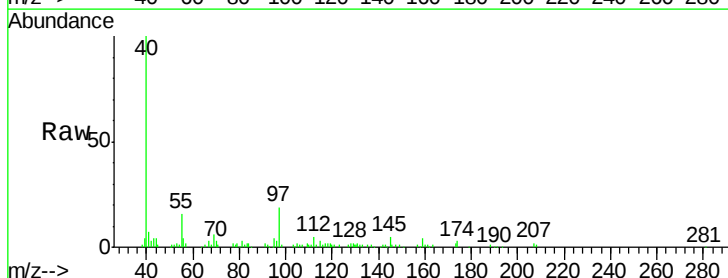
Instrument :
MSVOA_N
ClientSampleId :

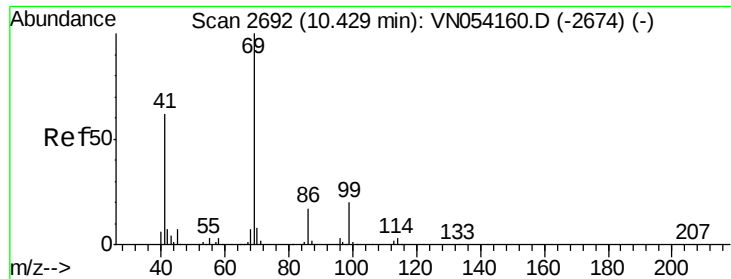
Tot Ion: 75 Resp: 111
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.8#



#55
1,1,2-Trichloroethane
Concen: 0.787 ug/l
RT: 10.53 min Scan# 2723
Delta R.T. -0.04 min
Lab File: VN054424.D
Acq: 19 Mar 2019 5:57

Tgt Ion: 97 Resp: 13455
Ion Ratio Lower Upper
97 100
83 7.1 66.6 100.0#
85 2.5 44.4 66.6#
99 0.0 50.8 76.2#





#56

Ethyl methacrylate

Concen: 0.243 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054424.D

Acq: 19 Mar 2019 5:57

Instrument :

MSVOA_N

ClientSampled :

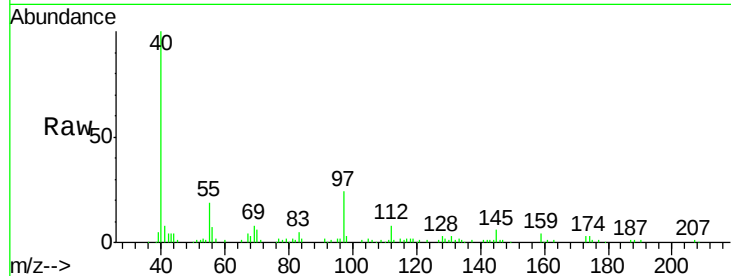
Tot Ion: 69 Resp: 4948

Ion Ratio Lower Upper

69 100

41 149.8 49.4 74.2#

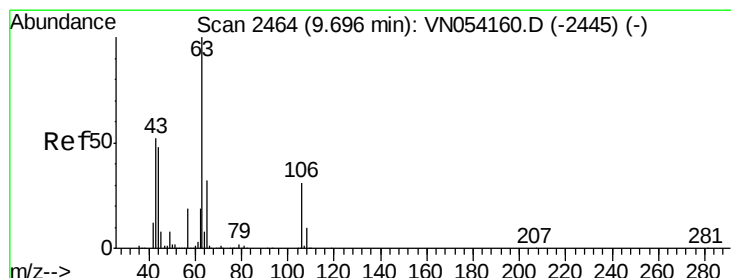
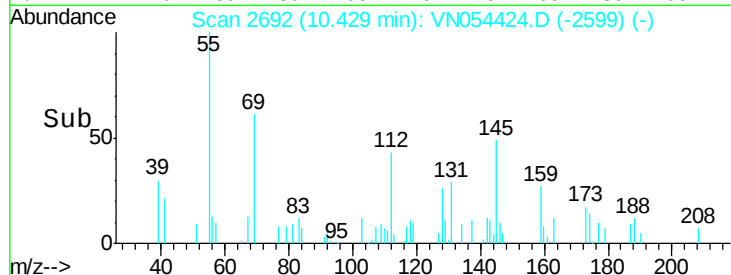
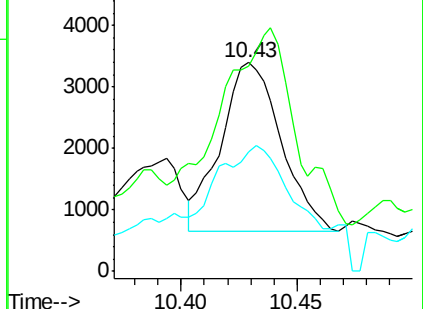
39 109.6 28.3 42.5#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 16.839 ug/l

RT: 9.77 min Scan# 2488

Delta R.T. 0.08 min

Lab File: VN054424.D

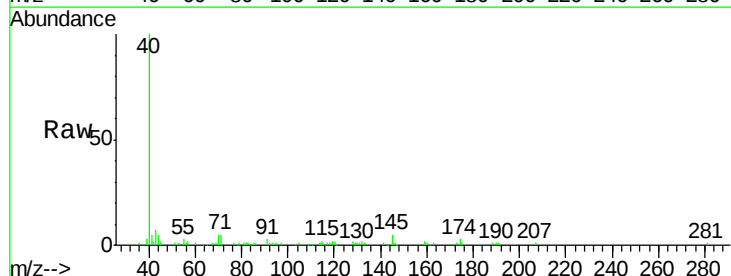
Acq: 19 Mar 2019 5:57

Tgt Ion: 63 Resp: 102

Ion Ratio Lower Upper

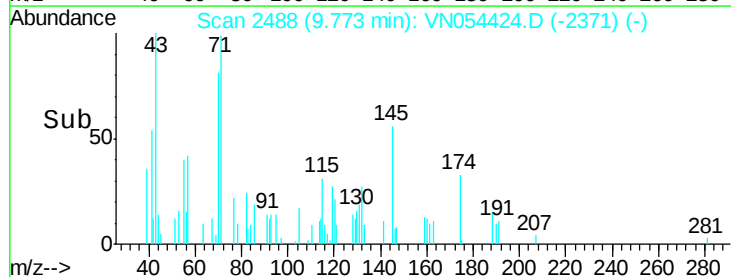
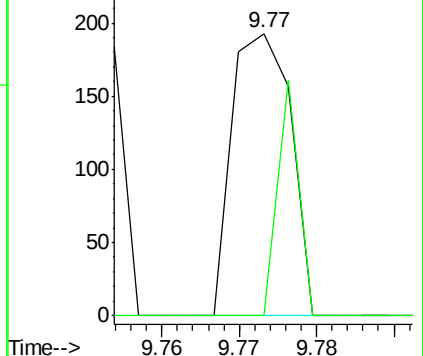
63 100

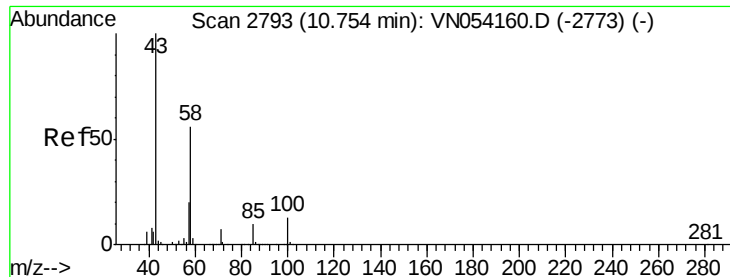
106 30.4 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 2.092 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.04 min

Lab File: VN054424.D

Acq: 19 Mar 2019 5:57

Instrument :

MSVOA_N

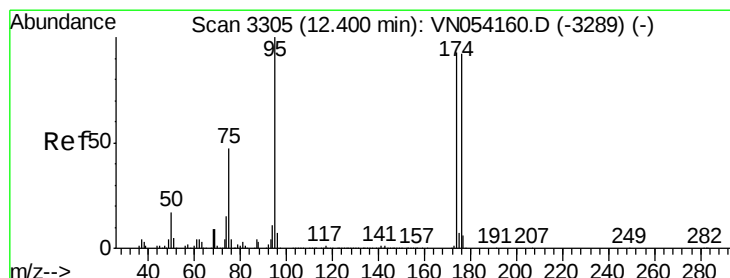
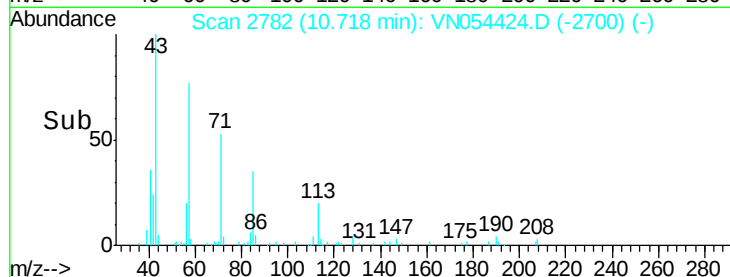
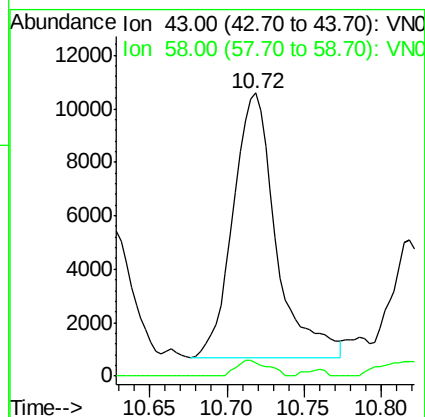
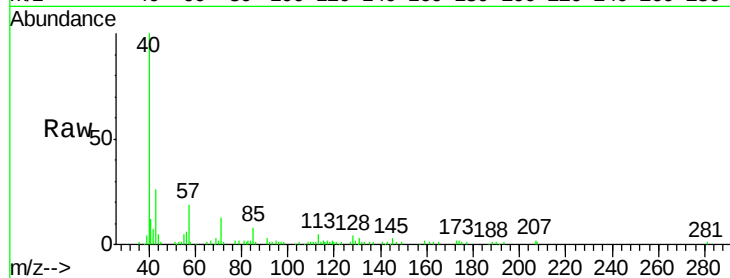
ClientSampled :

Tot Ion: 43 Resp: 19180

Ion Ratio Lower Upper

43 100

58 4.3 28.0 83.9#



#62

4-Bromofluorobenzene

Concen: 43.985 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054424.D

Acq: 19 Mar 2019 5:57

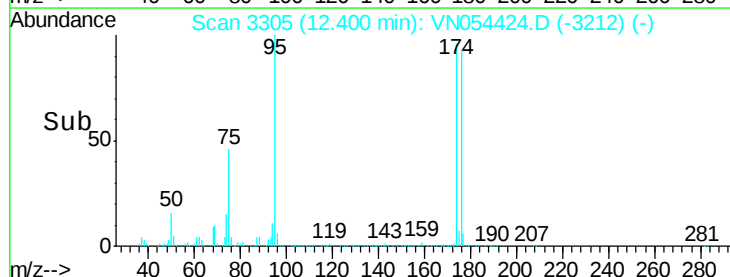
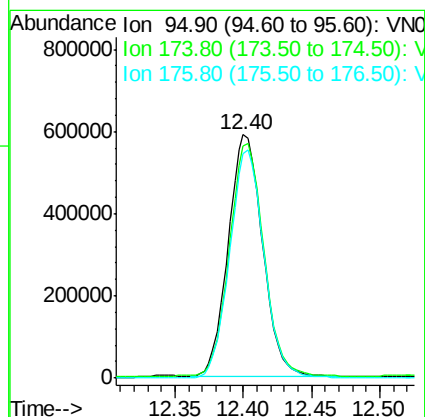
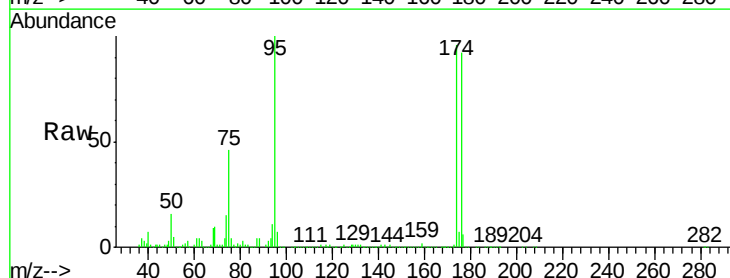
Tgt Ion: 95 Resp: 1027537

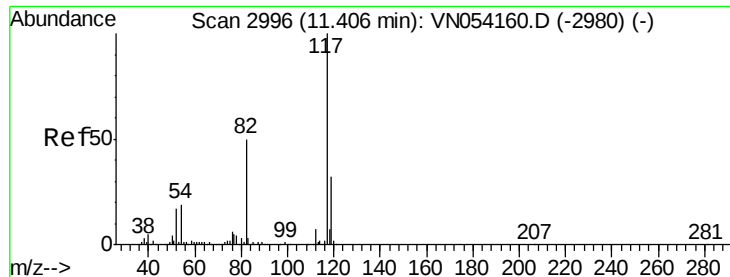
Ion Ratio Lower Upper

95 100

174 96.7 0.0 191.0

176 94.8 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054424.D

Acq: 19 Mar 2019 5:57

Instrument :

MSVOA_N

ClientSampleId :

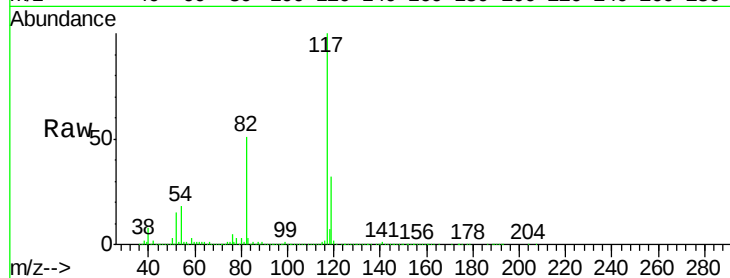
Tot Ion:117 Resp: 2386044

Ion Ratio Lower Upper

117 100

82 50.8 40.0 60.0

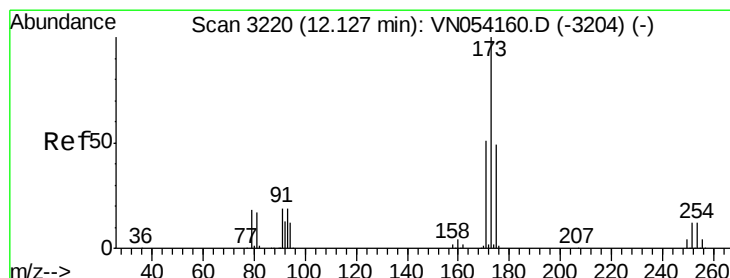
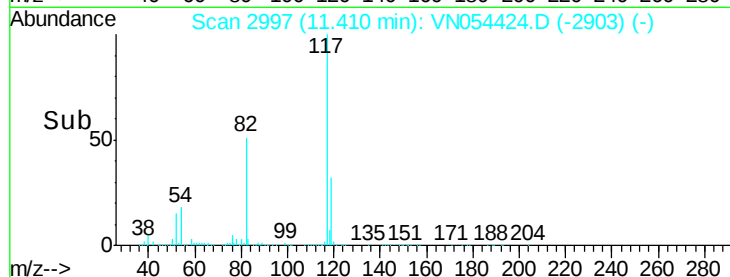
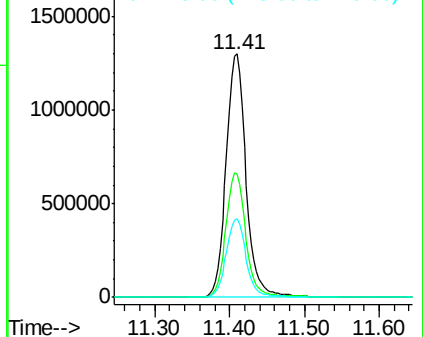
119 32.2 25.8 38.6



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



#71

Bromoform

Concen: 2.444 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN054424.D

Acq: 19 Mar 2019 5:57

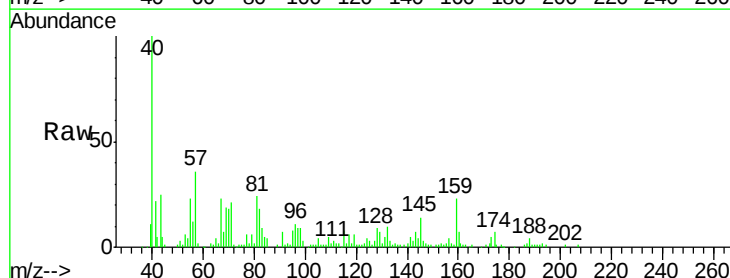
Tgt Ion:173 Resp: 1416

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.2#

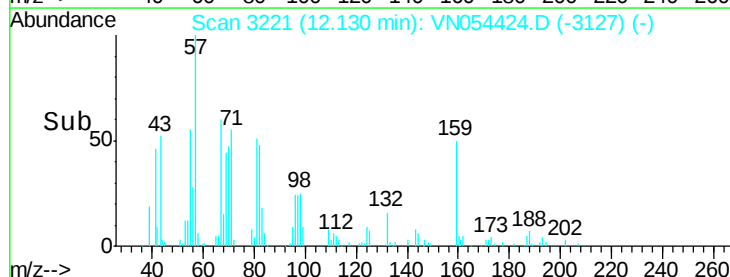
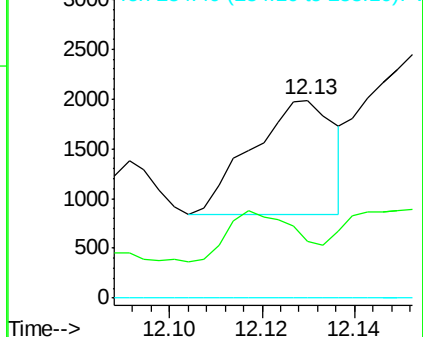
254 0.0 0.1 0.1#

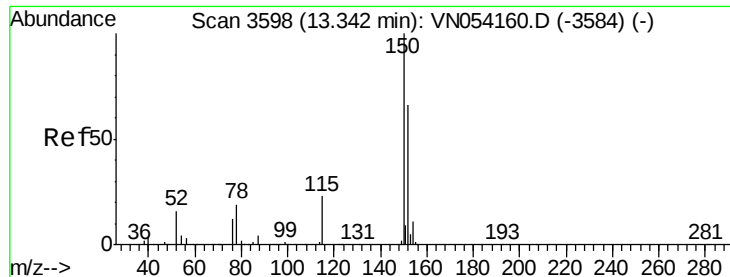


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



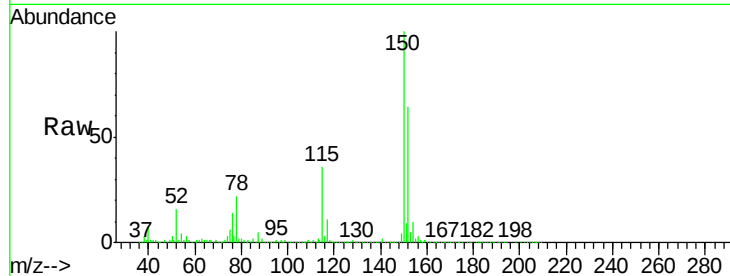


#72

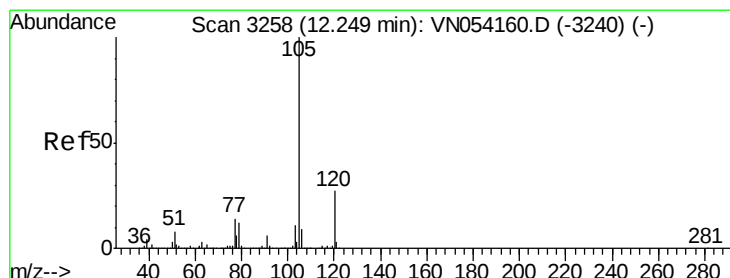
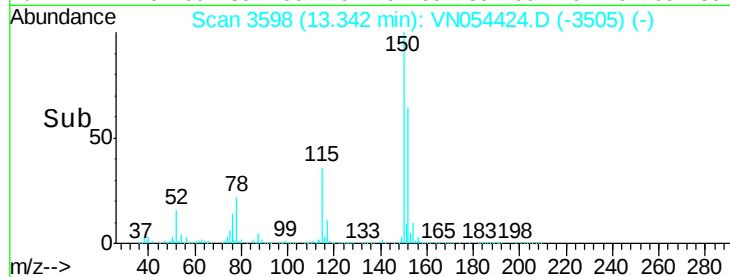
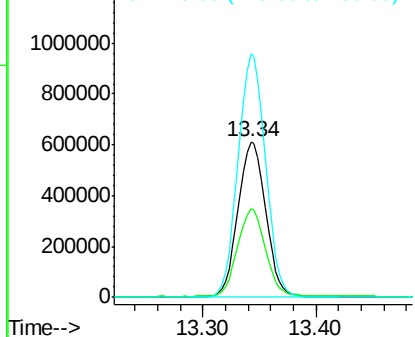
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054424.D
Acq: 19 Mar 2019 5:57

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 1042767
Ion Ratio Lower Upper
152 100
115 56.5 27.2 81.6
150 155.6 0.0 349.2



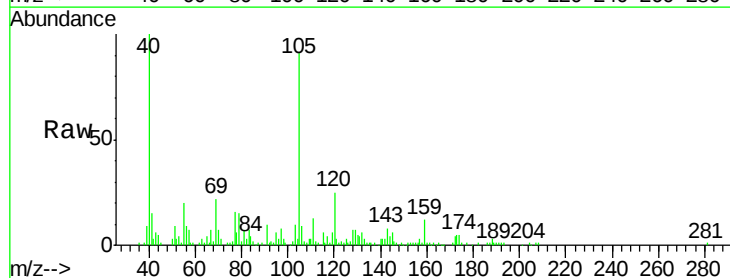
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



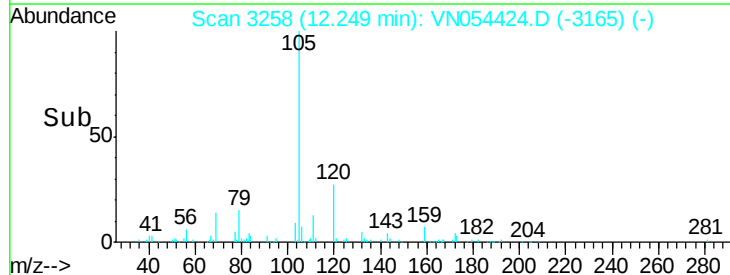
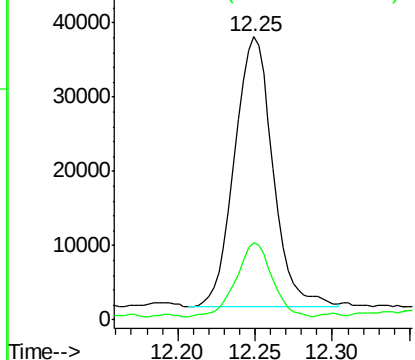
#73

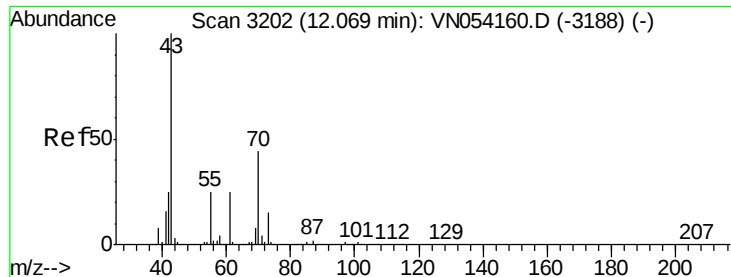
Isopropylbenzene
Concen: 0.751 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN054424.D
Acq: 19 Mar 2019 5:57

Tgt Ion:105 Resp: 62620
Ion Ratio Lower Upper
105 100
120 25.4 13.8 41.3



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





#74

N-amvl acetate

Concen: 1.746 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN054424.D

Acq: 19 Mar 2019 5:57

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 32341

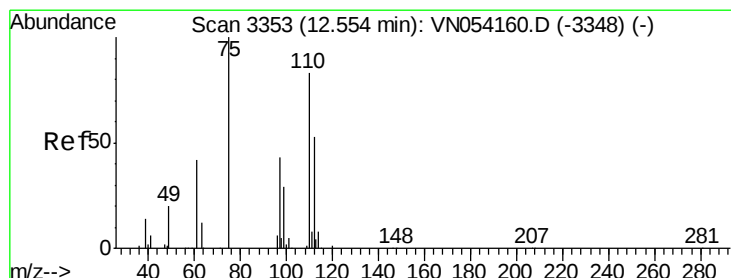
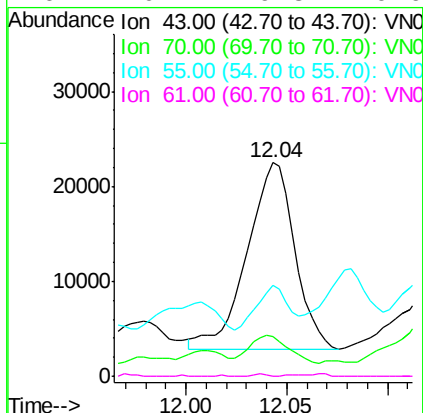
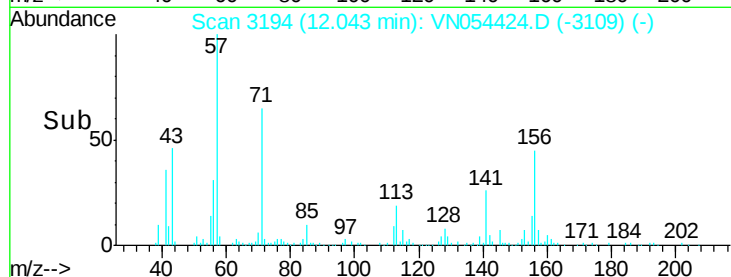
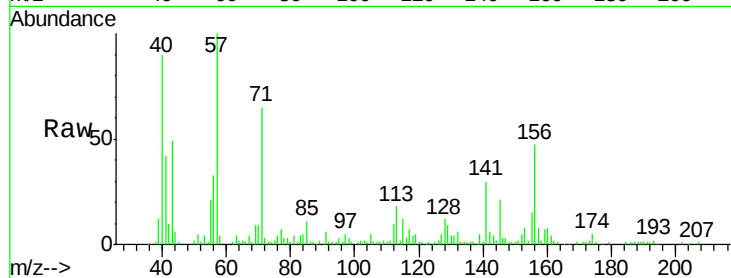
Ion Ratio Lower Upper

43 100

70 12.0 35.4 53.0#

55 16.0 19.8 29.6#

61 0.4 19.8 29.6#



#76

1,2,3-Trichloropropane

Concen: 31.259 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054424.D

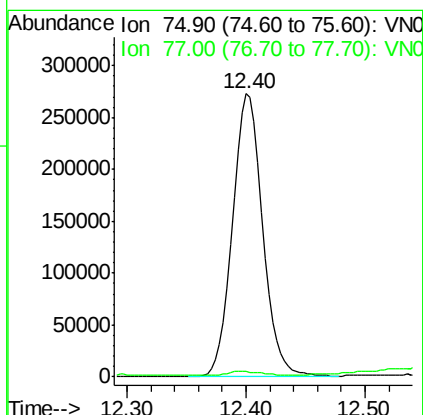
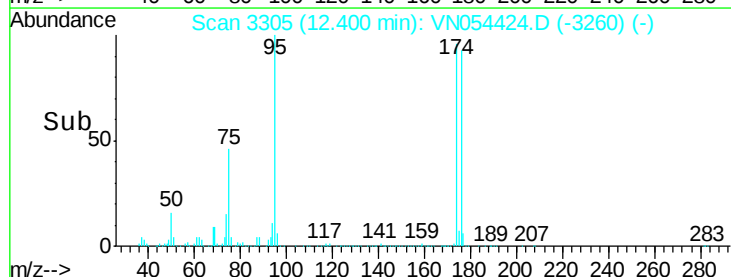
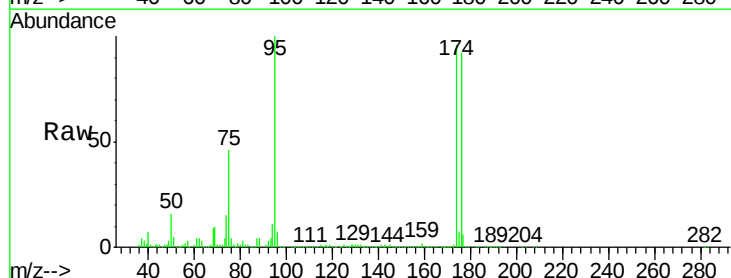
Acq: 19 Mar 2019 5:57

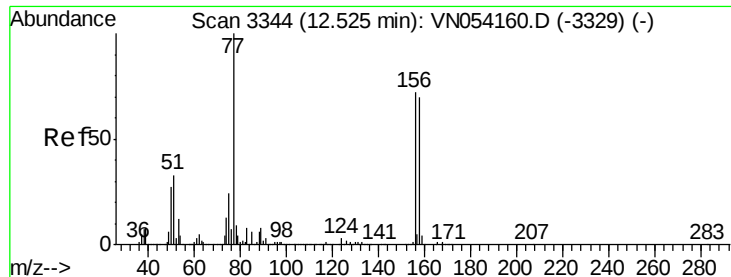
Tgt Ion: 75 Resp: 479338

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#77

Bromobenzene

Concen: 22.956 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.03 min

Lab File: VN054424.D

Acq: 19 Mar 2019 5:57

Instrument :

MSVOA_N

ClientSampled :

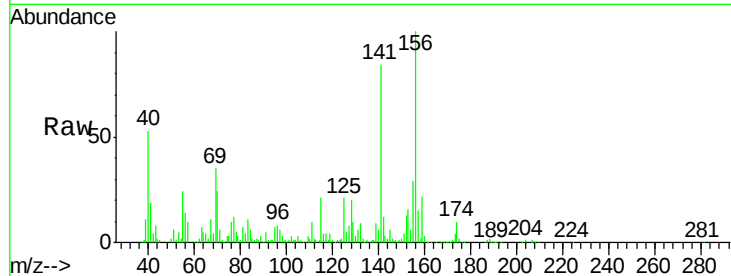
Tot Ion:156 Resp: 506773

Ion Ratio Lower Upper

156 100

77 6.0 81.5 244.4#

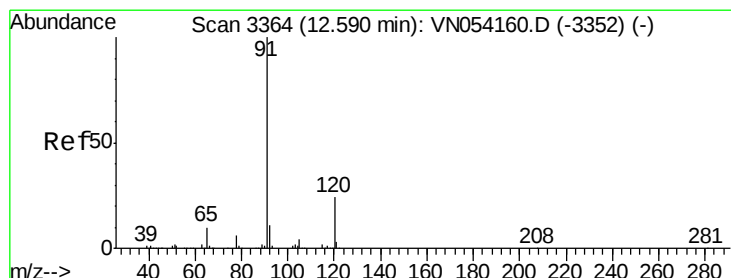
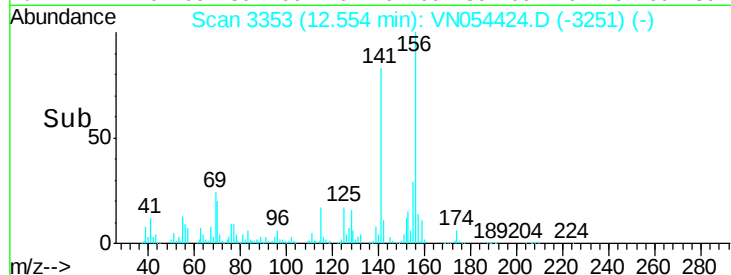
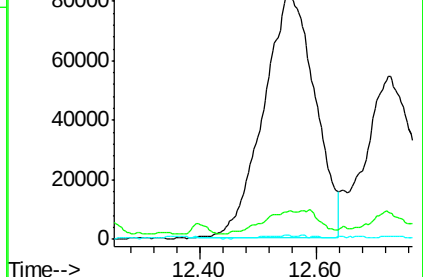
158 0.2 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.472 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054424.D

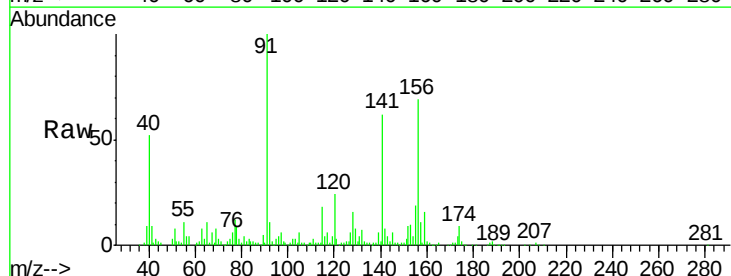
Acq: 19 Mar 2019 5:57

Tgt Ion: 91 Resp: 133245

Ion Ratio Lower Upper

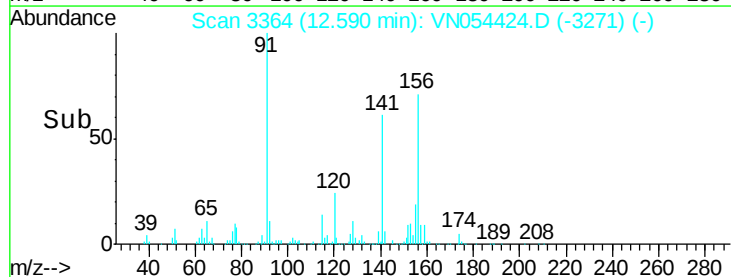
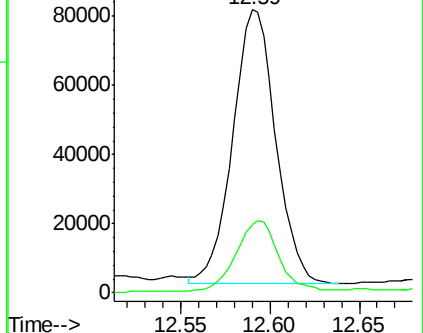
91 100

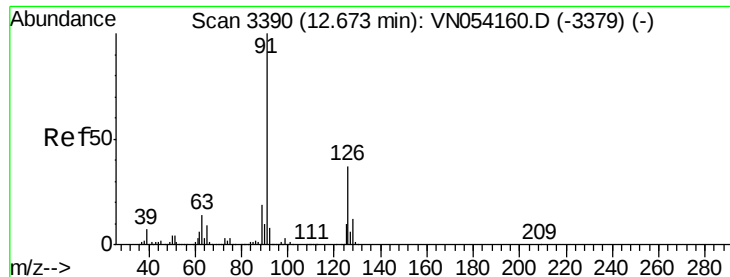
120 25.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

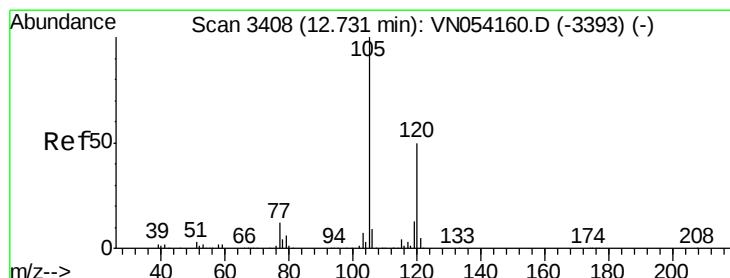
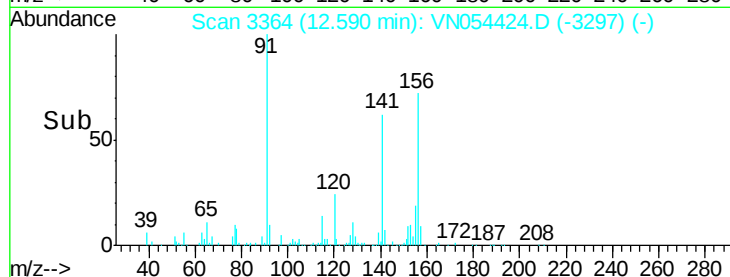
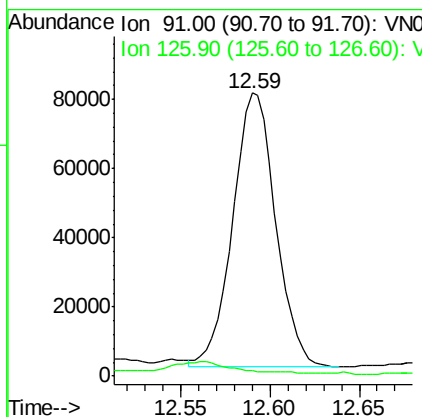
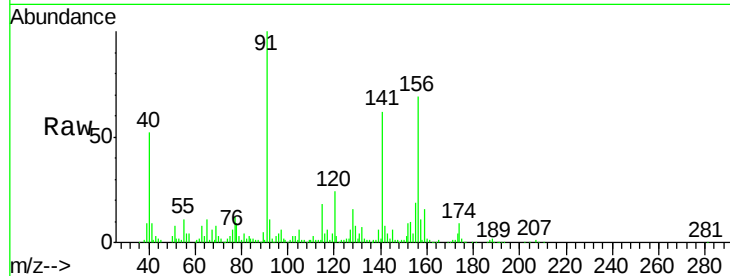




#79
 2-Chlorotoluene
 Concen: 2.448 ug/l
 RT: 12.59 min Scan# 3364
 Delta R.T. -0.08 min
 Lab File: VN054424.D
 Acq: 19 Mar 2019 5:57

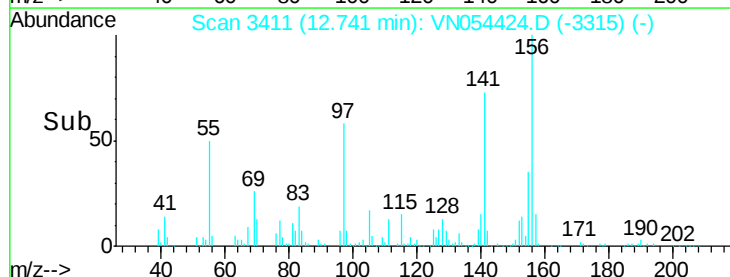
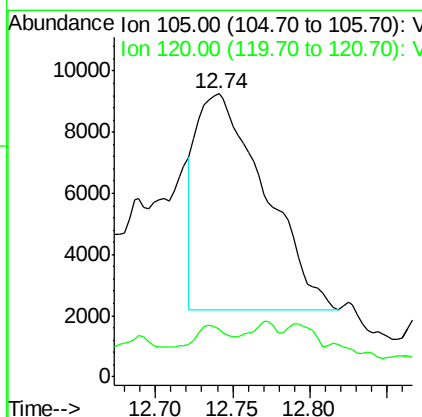
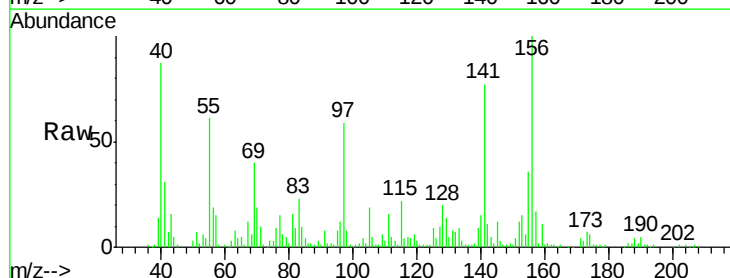
Instrument :
 MSVOA_N
 ClientSampleId :

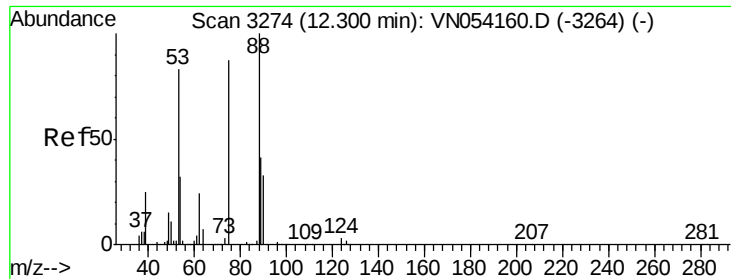
Tot Ion: 91 Resp: 133245
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.7 56.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.313 ug/l
 RT: 12.74 min Scan# 3411
 Delta R.T. 0.01 min
 Lab File: VN054424.D
 Acq: 19 Mar 2019 5:57

Tgt Ion: 105 Resp: 21755
 Ion Ratio Lower Upper
 105 100
 120 0.0 25.0 75.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 106.857 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054424.D

Acq: 19 Mar 2019 5:57

Instrument :

MSVOA_N

ClientSampleId :

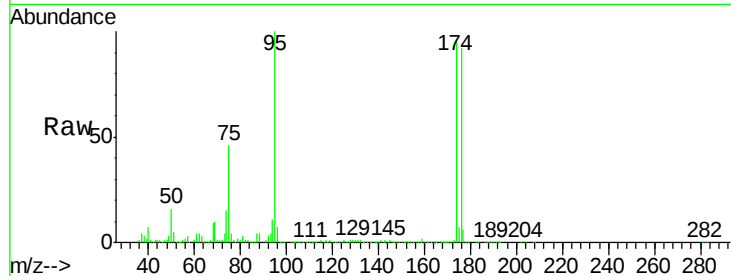
Tot Ion: 75 Resp: 479338

Ion Ratio Lower Upper

75 100

53 0.1 76.2 114.2#

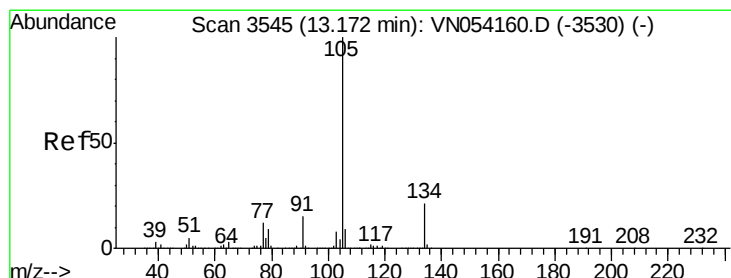
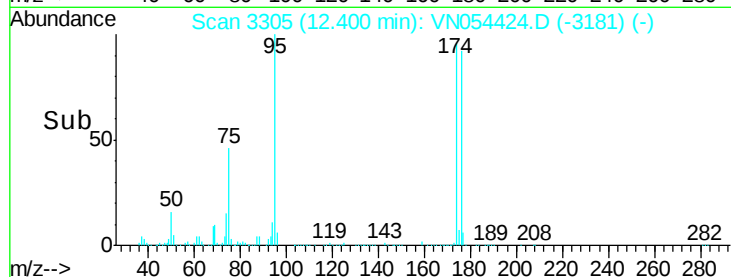
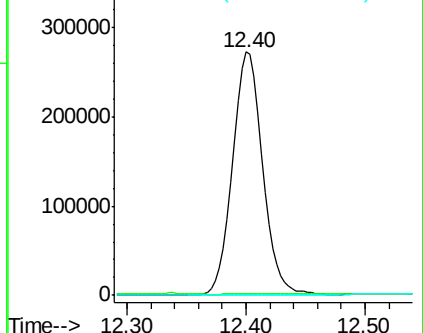
89 0.1 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN054424.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN054424.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN054424.D (-3305) (-)



#85

sec-Butylbenzene

Concen: 1.653 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054424.D

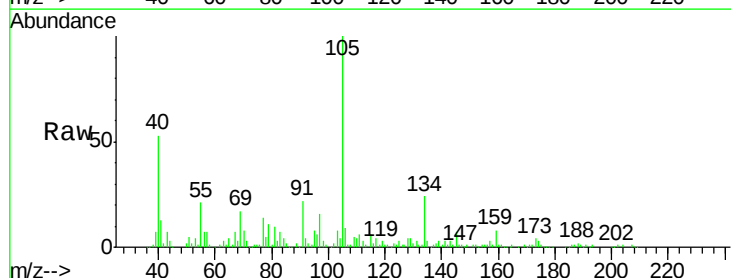
Acq: 19 Mar 2019 5:57

Tgt Ion: 105 Resp: 136889

Ion Ratio Lower Upper

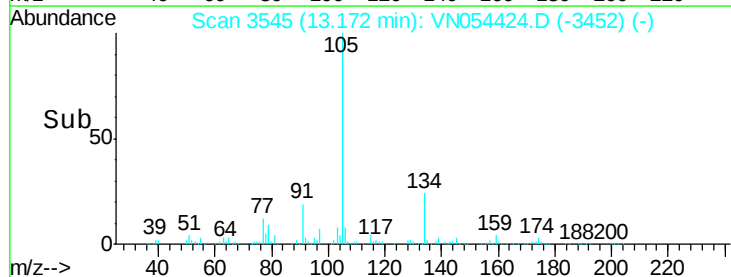
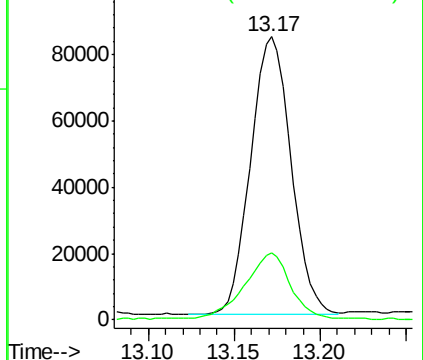
105 100

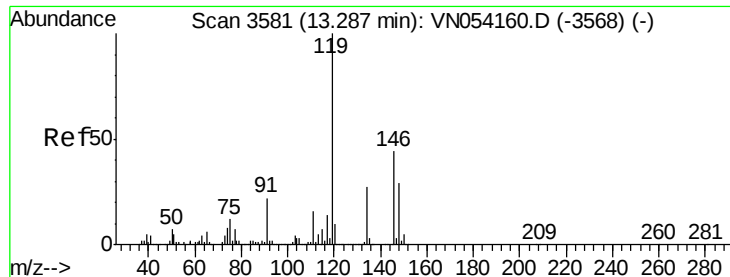
134 26.1 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): VN054424.D (-3545) (-)

Ion 134.00 (133.70 to 134.70): VN054424.D (-3545) (-)

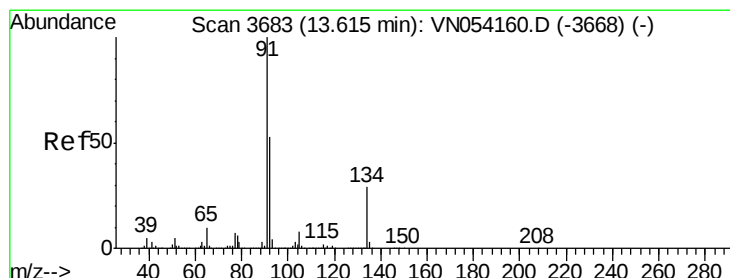
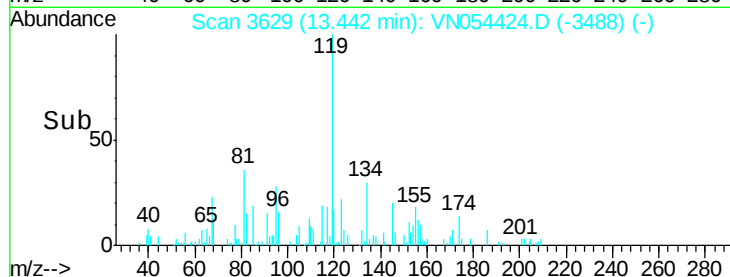
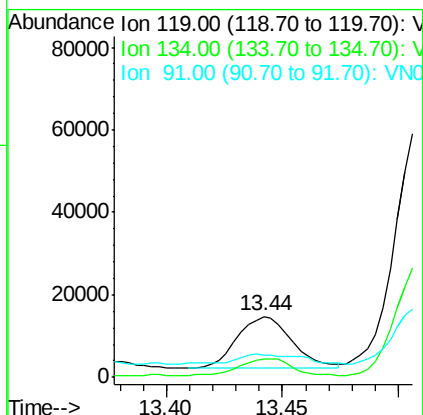
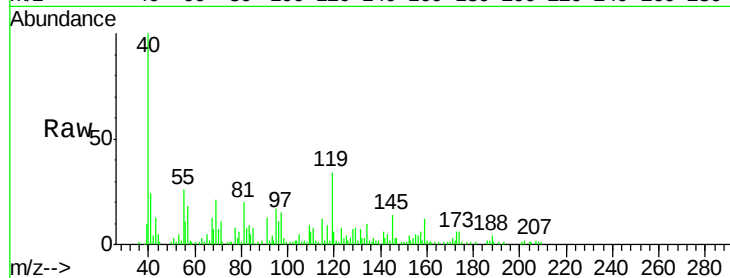




#86
 p-Isopropyltoluene
 Concen: 0.280 ug/l
 RT: 13.44 min Scan# 3629
 Delta R.T. 0.15 min
 Lab File: VN054424.D
 Acq: 19 Mar 2019 5:57

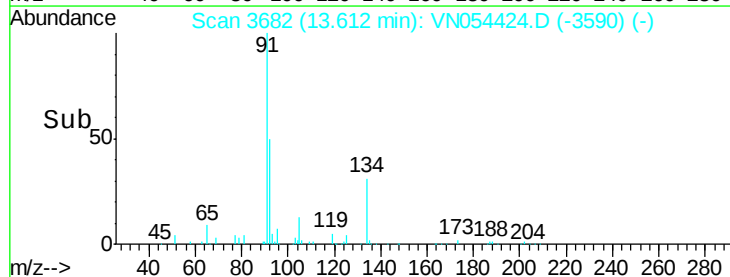
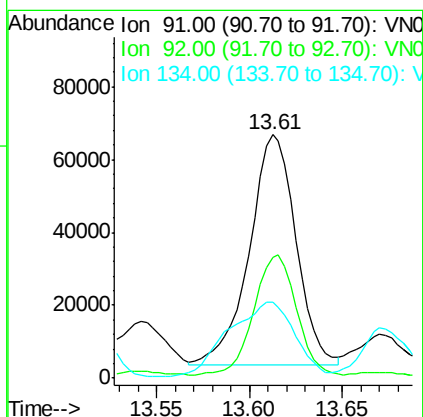
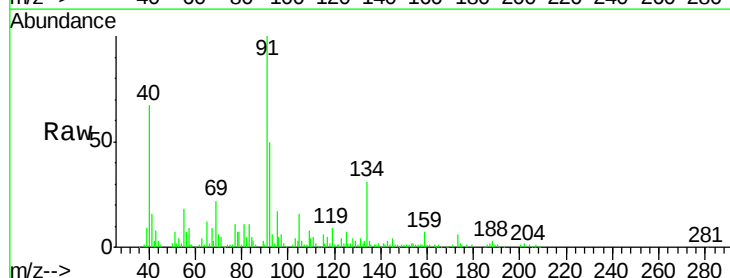
Instrument :
 MSVOA_N
 ClientSampled :

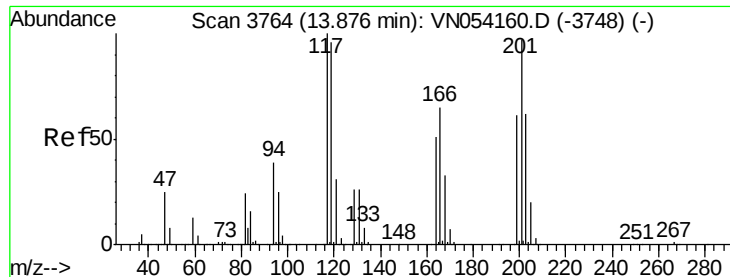
Tot Ion	Ratio	Lower	Upper
119	100		
134	33.5	13.6	40.8
91	20.6	11.1	33.3



#89
 n-Butylbenzene
 Concen: 1.997 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN054424.D
 Acq: 19 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.1	26.2	78.6
134	45.7	14.3	42.9





#90

Hexachloroethane

Concen: 3.405 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054424.D

Acq: 19 Mar 2019 5:57

Instrument :

MSVOA_N

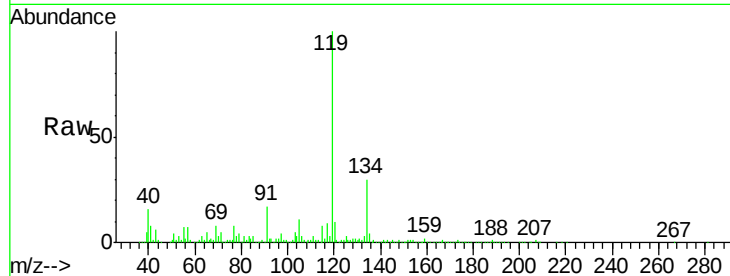
ClientSampled :

Tot Ion:117 Resp: 40972

Ion Ratio Lower Upper

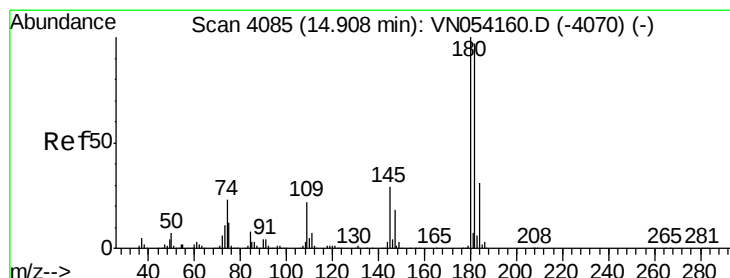
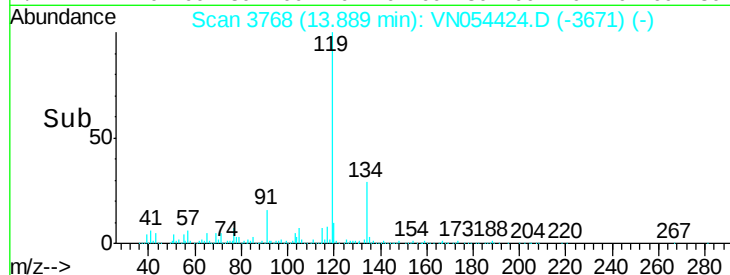
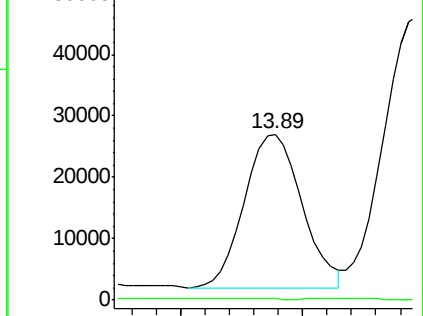
117 100

201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 2.564 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN054424.D

Acq: 19 Mar 2019 5:57

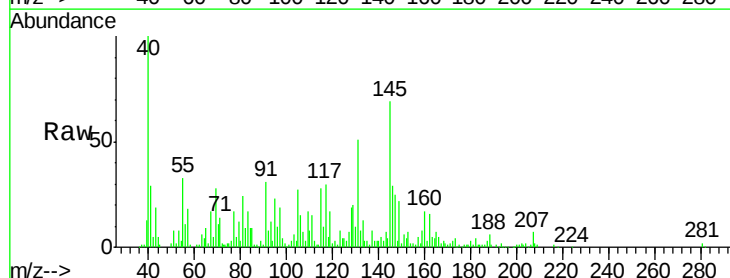
Tgt Ion:180 Resp: 1096

Ion Ratio Lower Upper

180 100

182 285.9 48.0 144.2#

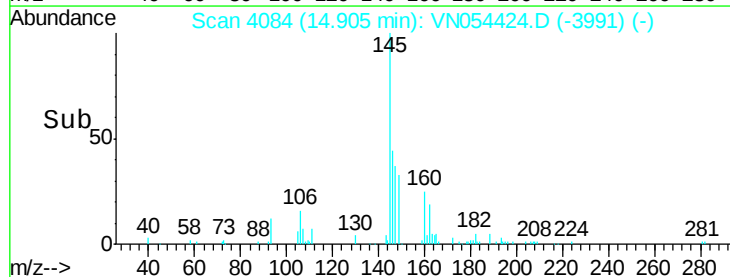
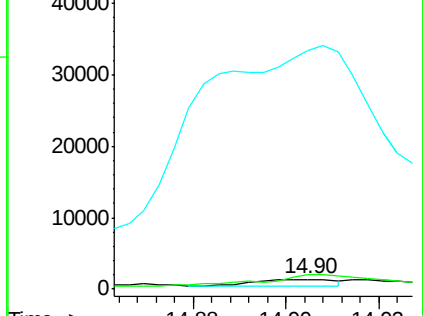
145 7828.9 14.2 42.8#

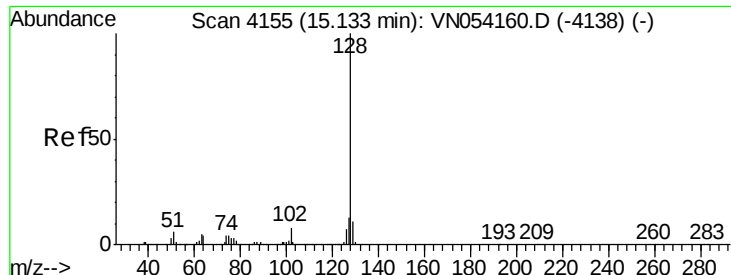


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 3.701 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054424.D

Acq: 19 Mar 2019 5:57

Instrument :

MSVOA_N

ClientSampleId :

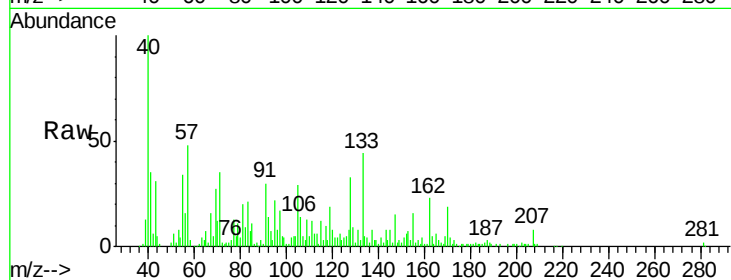
Tot Ion:128 Resp: 11370

Ion Ratio Lower Upper

128 100

127 0.0 10.1 15.1#

129 0.0 8.7 13.1#



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

