

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031519\
 Data File : VN054322.D
 Acq On : 15 Mar 2019 21:00
 Operator : JC/SP
 Sample : K1903-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1

Quant Time: Mar 16 03:24:50 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	7.67	168	1282375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2098850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2171334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	852914	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	671740	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
35) Dibromofluoromethane	7.59	113	653177	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
50) Toluene-d8	10.09	98	2595509	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.40	95	957145	54.72	ug/l	0.00
Spiked Amount			Recovery	=	109.44%	

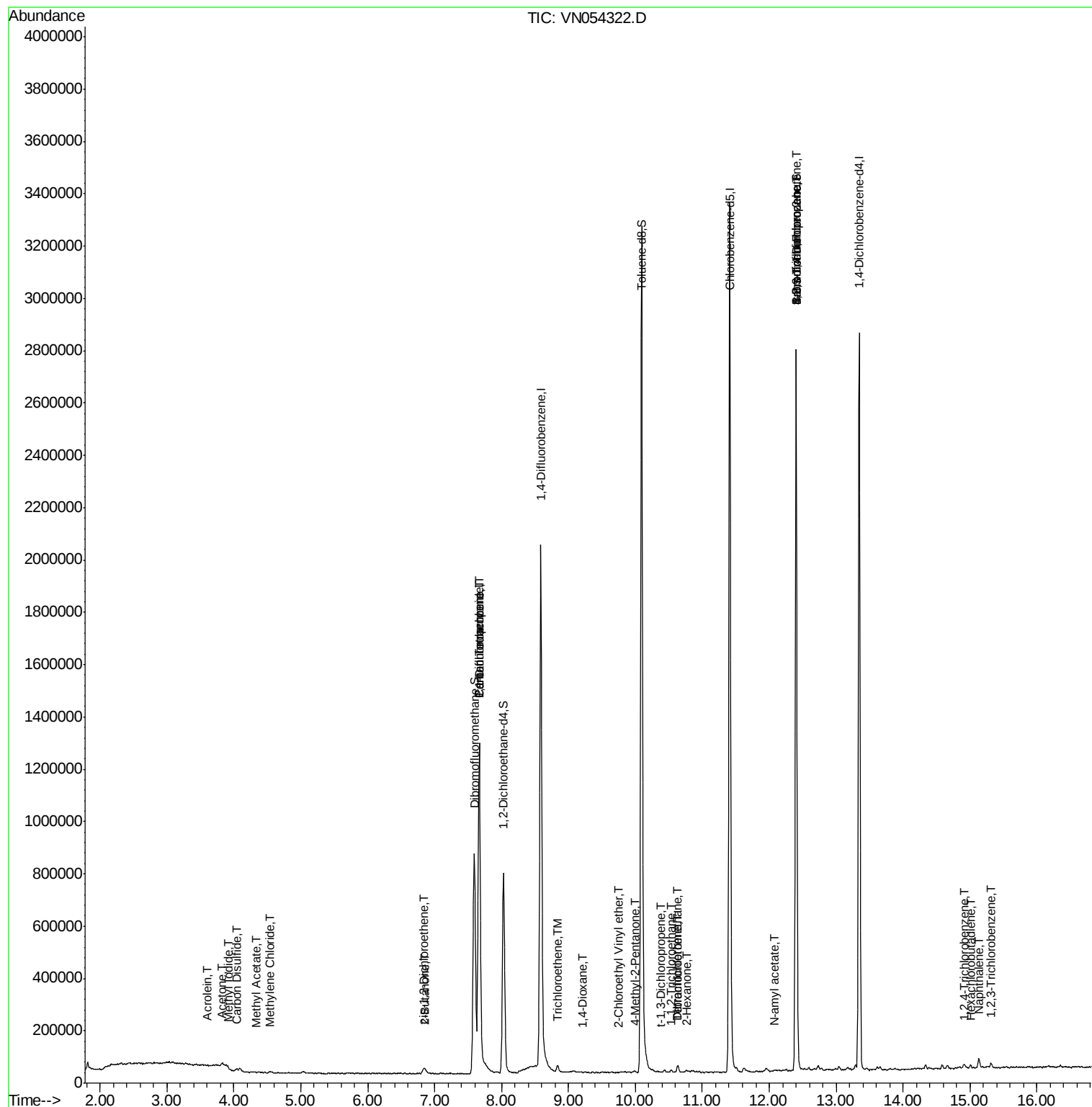
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.93	142	709	1.533	ug/l #	76
13) Acrolein	3.60	56	475	0.537	ug/l #	78
16) Acetone	3.82	43	16851	4.321	ug/l	96
17) Carbon Disulfide	4.04	76	21384	0.640	ug/l	100
18) Methyl Acetate	4.34	43	1902	0.241	ug/l #	76
20) Methylene Chloride	4.55	84	2935	0.229	ug/l	85
25) 2-Butanone	6.87	43	1488	0.325	ug/l #	46
27) cis-1,2-Dichloroethene	6.84	96	7796	0.547	ug/l	94
31) Cyclohexane	7.66	56	19948	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	71371	3.693	ug/l #	49
38) Carbon Tetrachloride	7.66	117	102838	5.074	ug/l #	16
44) Trichloroethene	8.84	130	9499	0.553	ug/l	95
49) 1,4-Dioxane	9.21	88	70	0.500	ug/l #	27
51) 4-Methyl-2-Pentanone	9.99	43	4470	0.433	ug/l	98
53) t-1,3-Dichloropropene	10.39	75	276	1.998	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	2708	0.211	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.74	63	29	16.832	ug/l #	44
59) 2-Hexanone	10.76	43	6500	0.947	ug/l	88
60) Dibromochloromethane	10.63	129	6248	0.433	ug/l #	11
64) Tetrachloroethene	10.63	164	6929	0.330	ug/l	95
71) Bromoform	12.40	173	5672	2.760	ug/l #	1
74) N-amyl acetate	12.07	43	3047	0.201	ug/l #	95
76) 1,2,3-Trichloropropane	12.40	75	453910	36.190	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	453910	123.713	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	5143	2.789	ug/l #	90
94) Hexachlorobutadiene	15.01	225	2398	0.212	ug/l	93
95) Naphthalene	15.13	128	33521	4.304	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	7595	0.481	ug/l	90

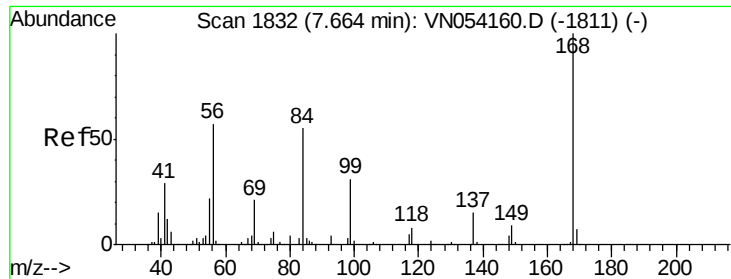
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

Instrument :

MSVOA_N

ClientSampled :

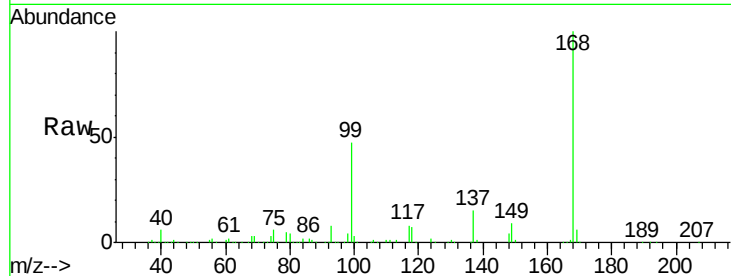
TW-1

Tot Ion:168 Resp: 1282375

Ion Ratio Lower Upper

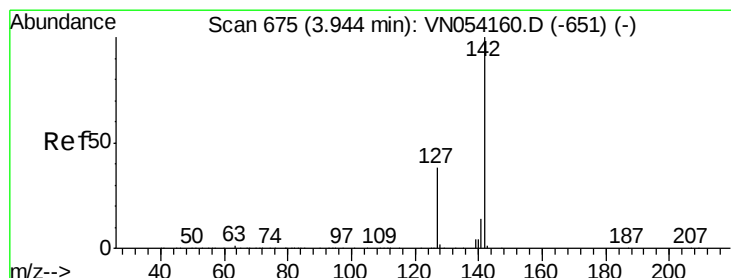
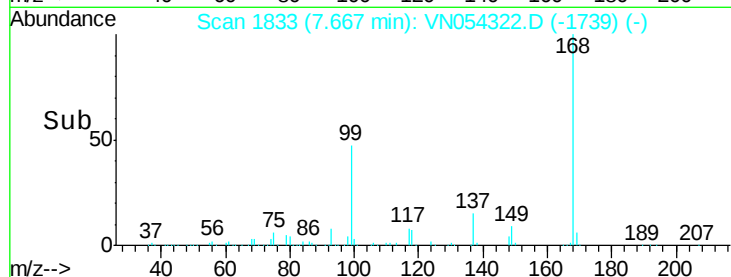
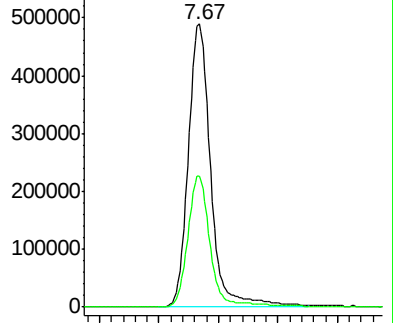
168 100

99 46.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#10

Methyl Iodide

Concen: 1.533 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

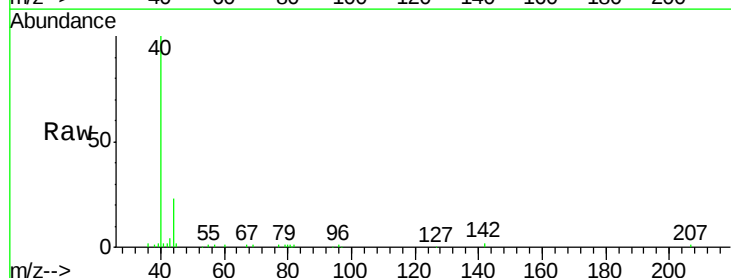
Tgt Ion:142 Resp: 709

Ion Ratio Lower Upper

142 100

127 49.9 30.3 45.5#

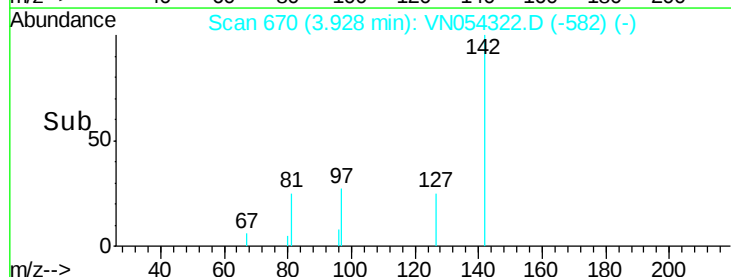
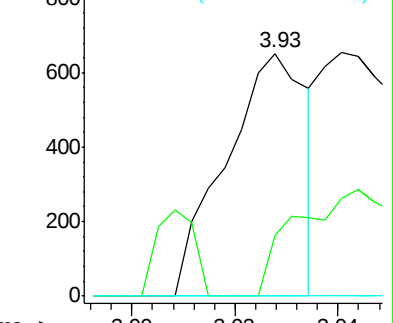
141 0.0 11.2 16.8#

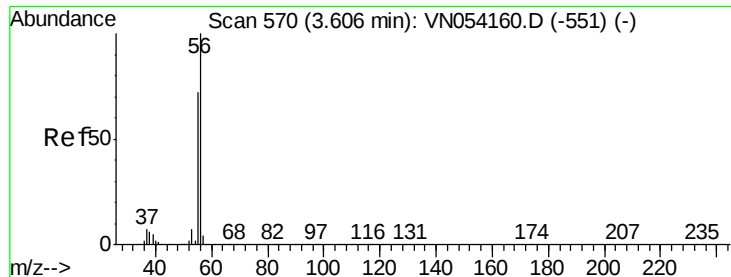


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 0.537 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

Instrument :

MSVOA_N

ClientSampled :

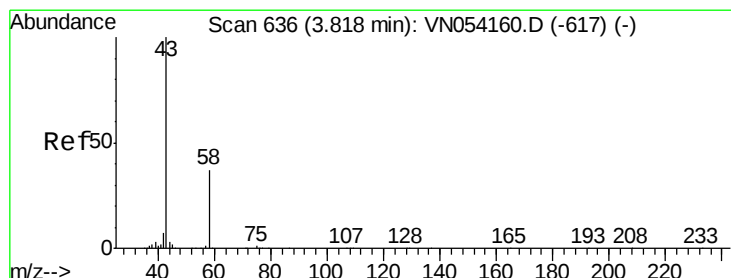
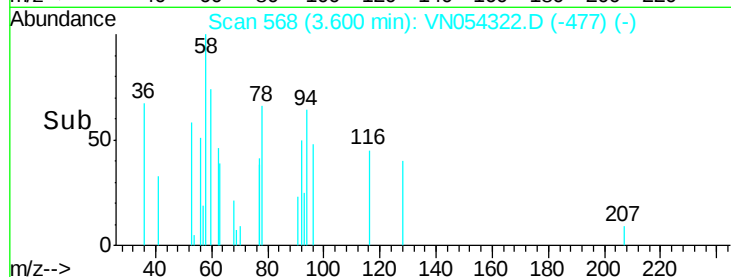
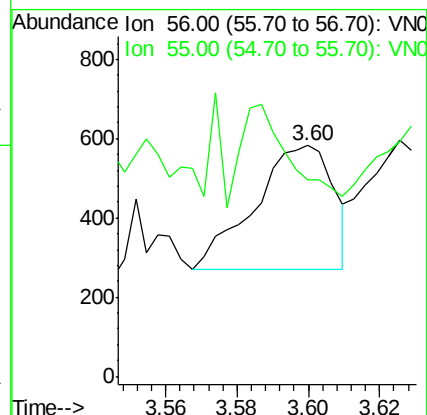
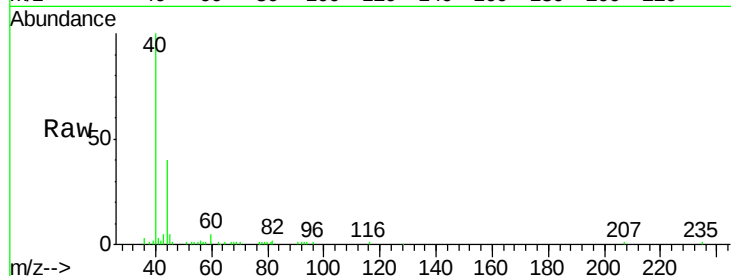
TW-1

Tot Ion: 56 Resp: 475

Ion Ratio Lower Upper

56 100

55 53.1 56.7 85.1#



#16

Acetone

Concen: 4.321 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054322.D

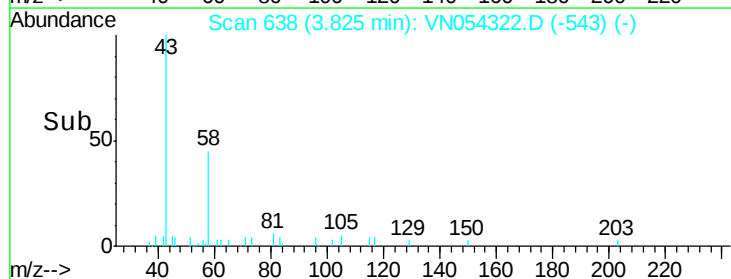
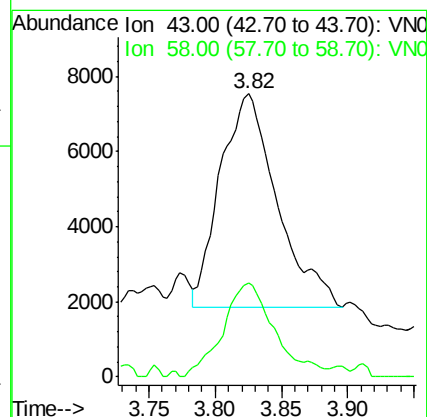
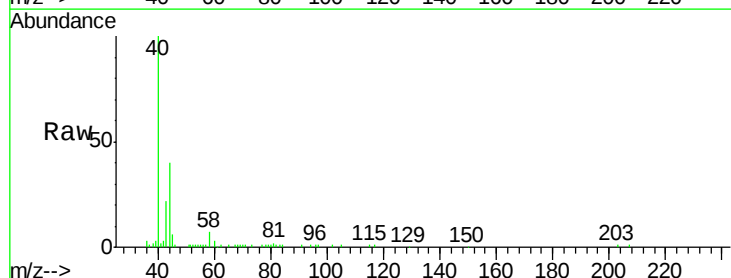
Acq: 15 Mar 2019 21:00

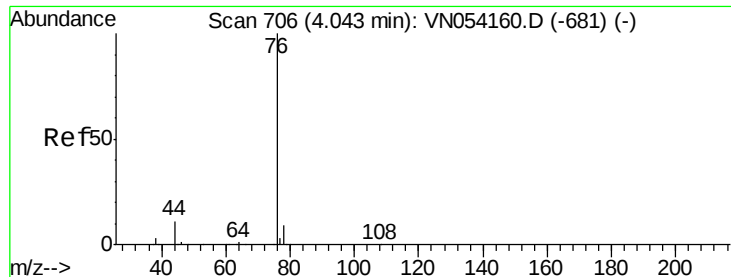
Tgt Ion: 43 Resp: 16851

Ion Ratio Lower Upper

43 100

58 39.9 29.9 44.9





#17

Carbon Disulfide

Concen: 0.640 ug/l

RT: 4.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

Instrument :

MSVOA_N

ClientSampled :

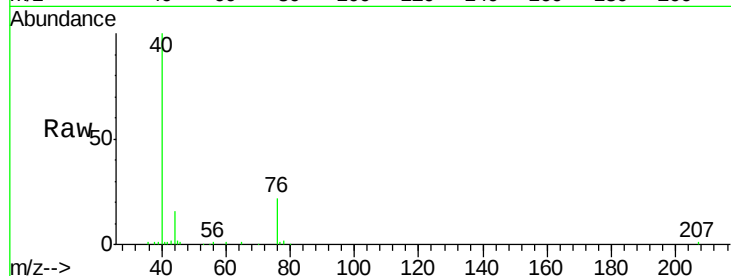
TW-1

Tot Ion: 76 Resp: 21384

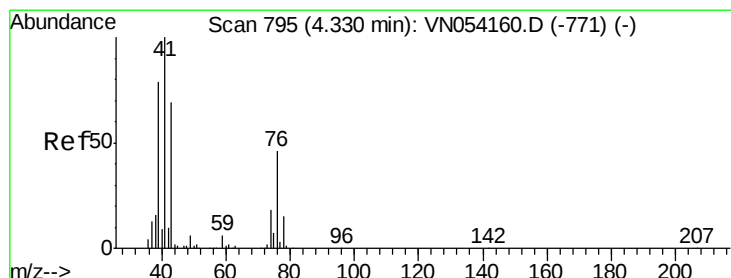
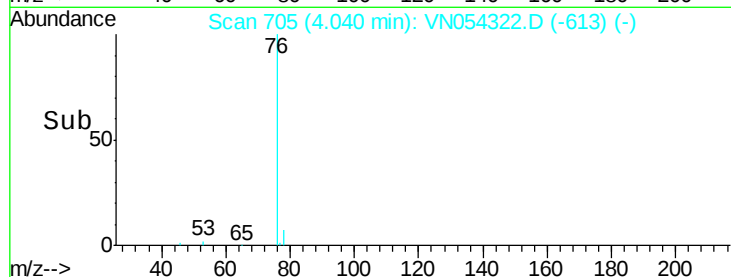
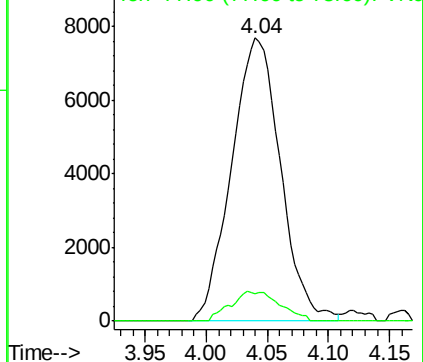
Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3



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



#18

Methyl Acetate

Concen: 0.241 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN054322.D

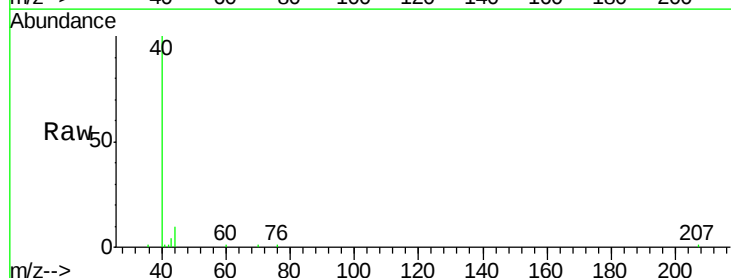
Acq: 15 Mar 2019 21:00

Tgt Ion: 43 Resp: 1902

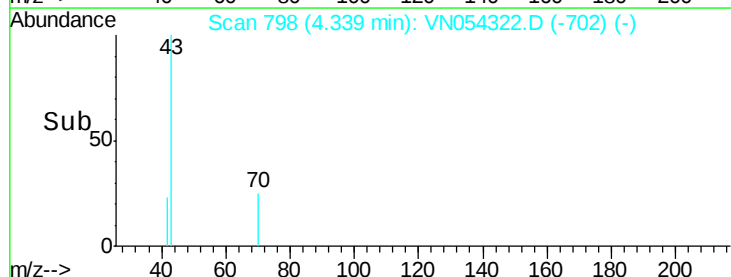
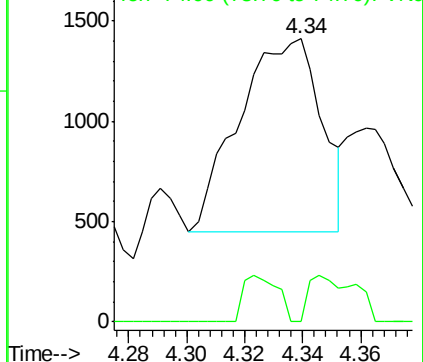
Ion Ratio Lower Upper

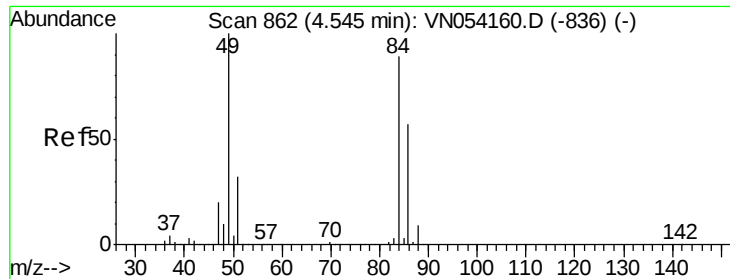
43 100

74 13.5 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

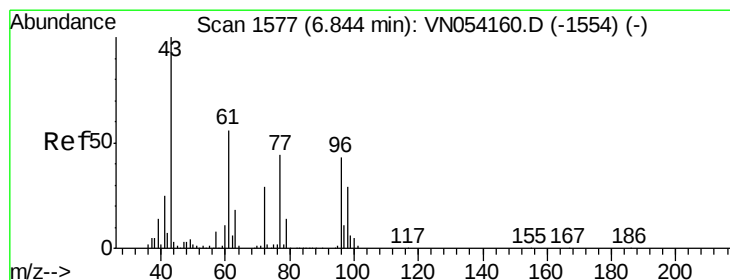
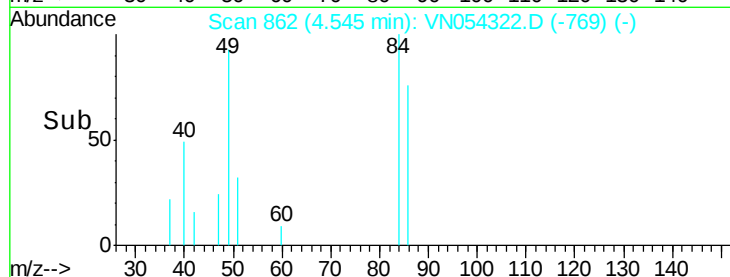
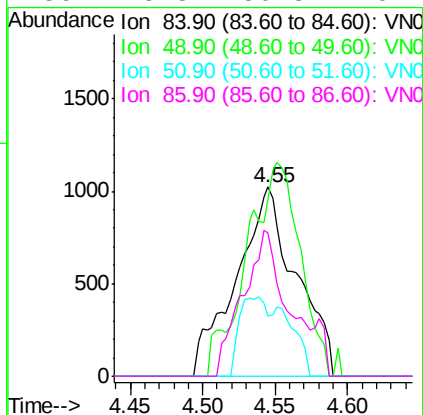
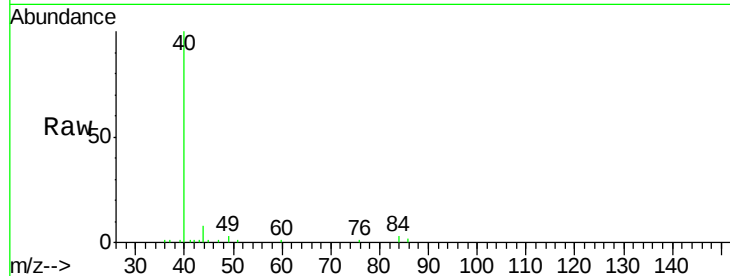




#20
Methvlene Chloride
Concen: 0.229 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054322.D
Acq: 15 Mar 2019 21:00

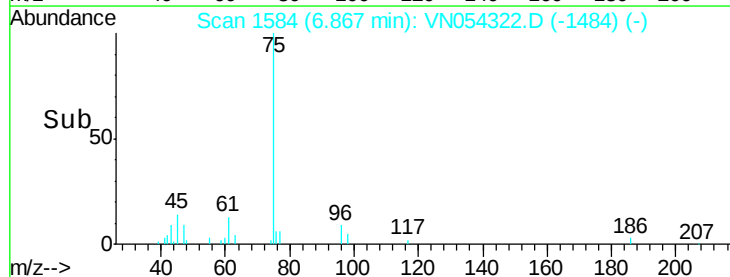
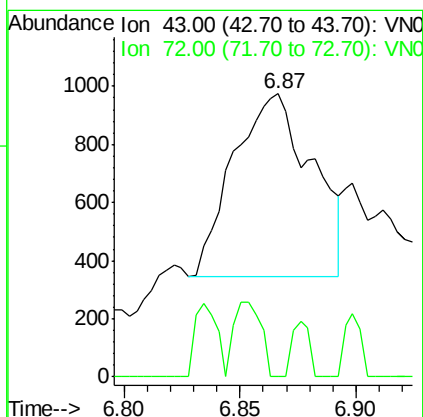
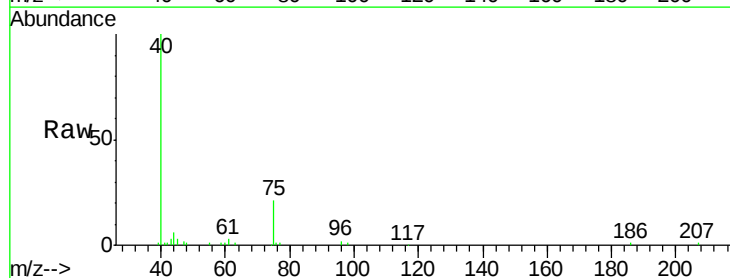
Instrument :
MSVOA_N
ClientSampled :
TW-1

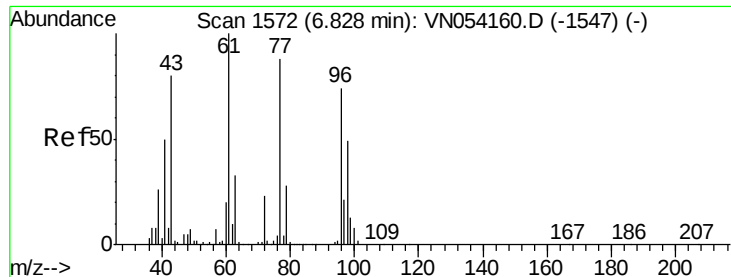
Tot Ion: 84 Resp: 2935
Ion Ratio Lower Upper
84 100
49 93.2 89.7 134.5
51 31.8 28.2 42.4
86 75.8 50.8 76.2



#25
2-Butanone
Concen: 0.325 ug/l
RT: 6.87 min Scan# 1584
Delta R.T. 0.02 min
Lab File: VN054322.D
Acq: 15 Mar 2019 21:00

Tgt Ion: 43 Resp: 1488
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#





#27

cis-1,2-Dichloroethene

Concen: 0.547 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

Instrument :

MSVOA_N

ClientSampled :

TW-1

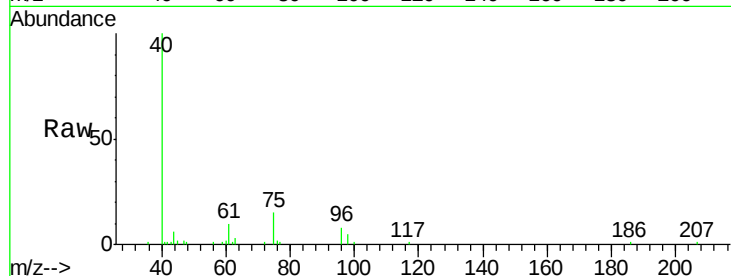
Tot Ion: 96 Resp: 7796

Ion Ratio Lower Upper

96 100

61 130.3 0.0 273.0

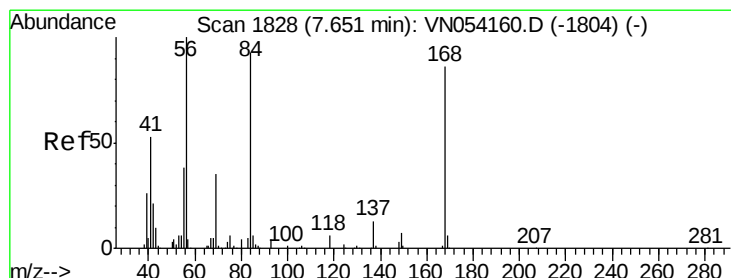
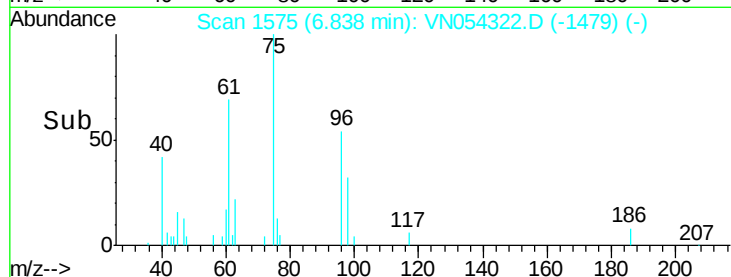
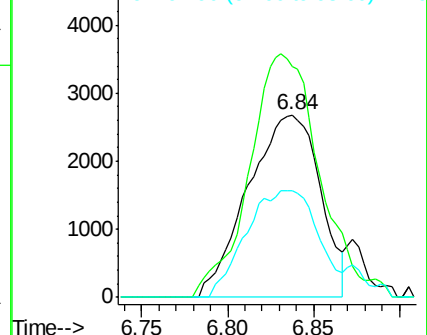
98 58.4 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

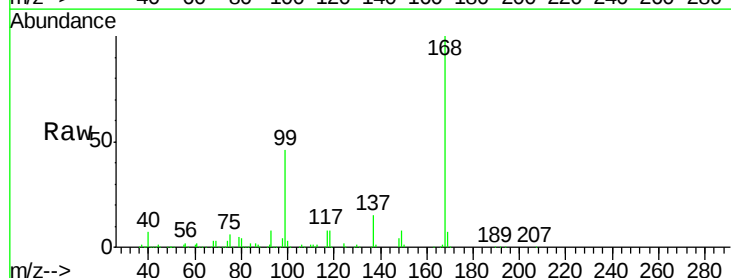
Tgt Ion: 56 Resp: 19948

Ion Ratio Lower Upper

56 100

69 174.1 27.8 41.6#

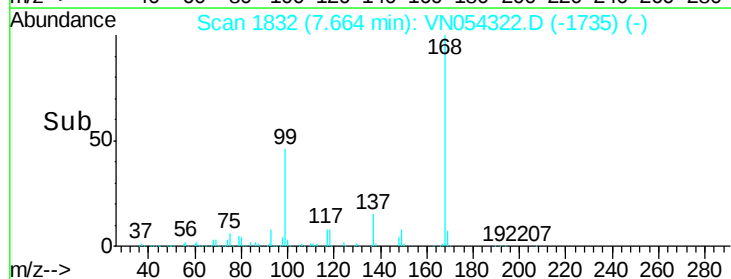
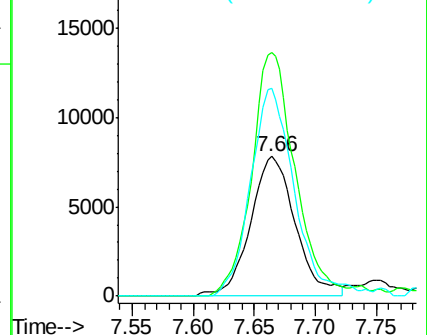
84 148.7 74.6 111.8#

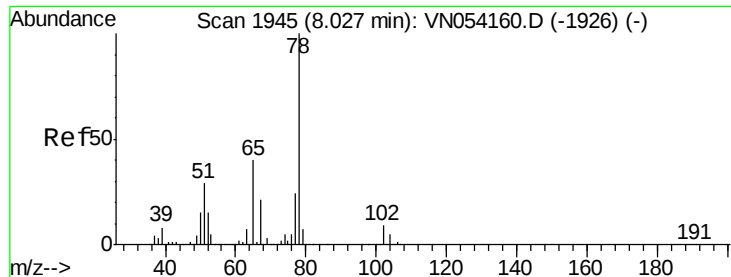


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

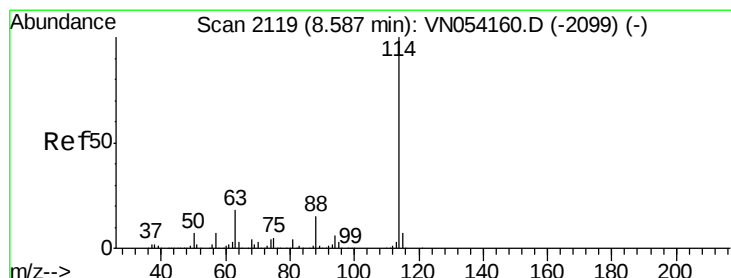
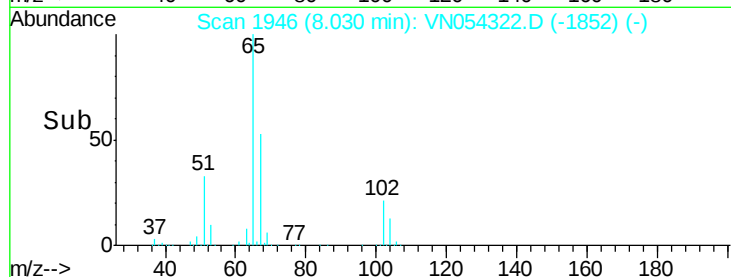
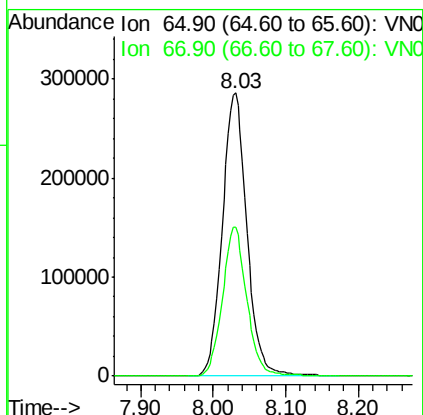
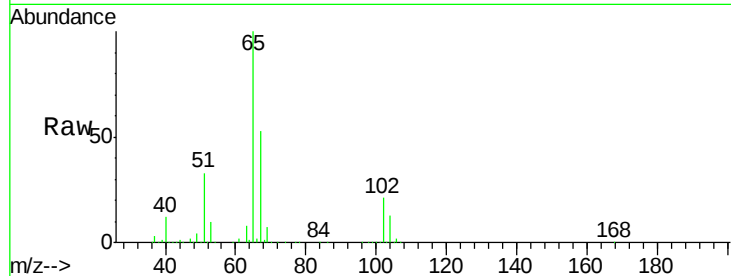




#33
 1,2-Dichloroethane-d4
 Concen: 49.324 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054322.D
 Acq: 15 Mar 2019 21:00

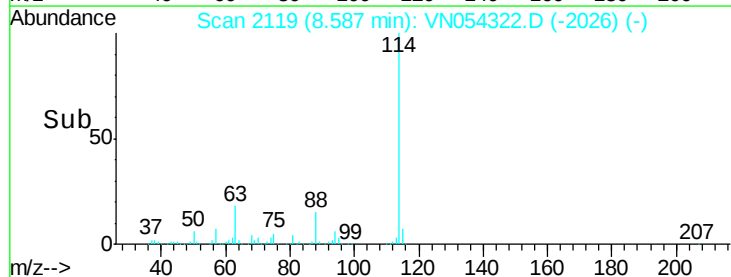
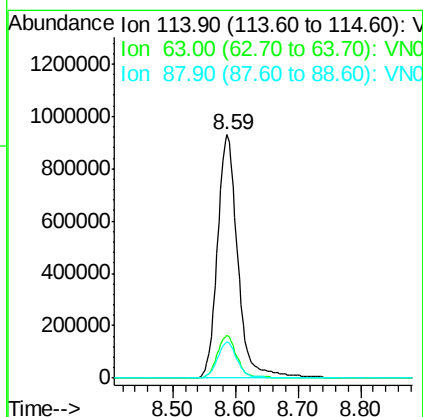
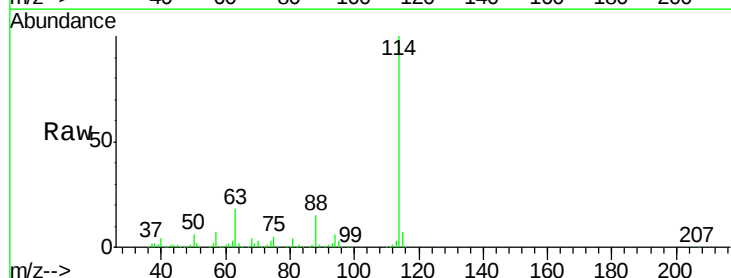
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1

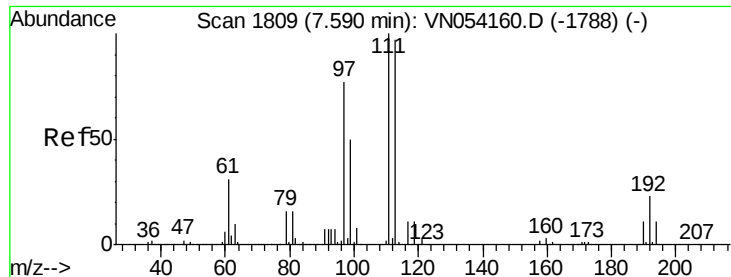
Tot Ion: 65 Resp: 671740
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054322.D
 Acq: 15 Mar 2019 21:00

Tgt Ion: 114 Resp: 2098850
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 14.7 0.0 30.2

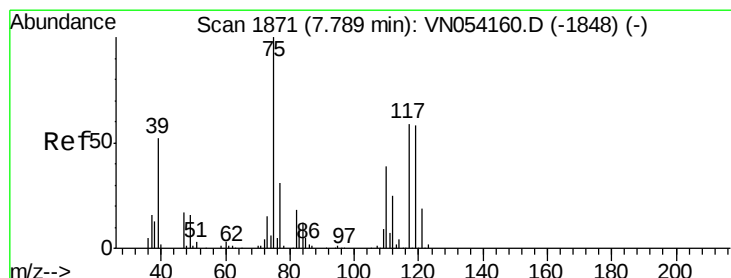
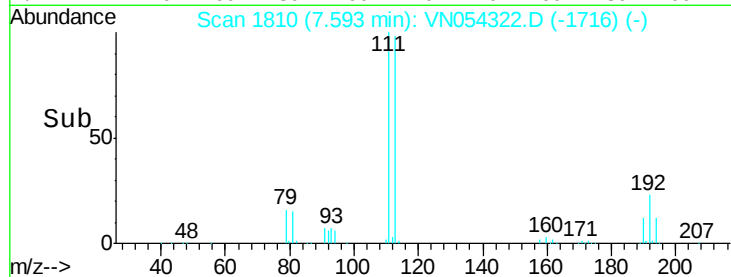
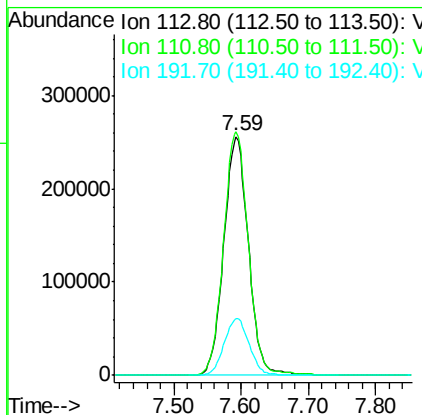
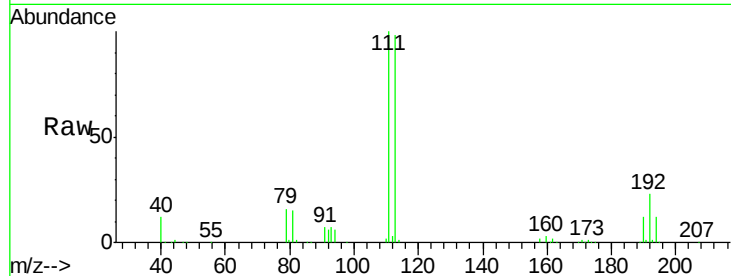




#35
 Dibromofluoromethane
 Concen: 48.252 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054322.D
 Acq: 15 Mar 2019 21:00

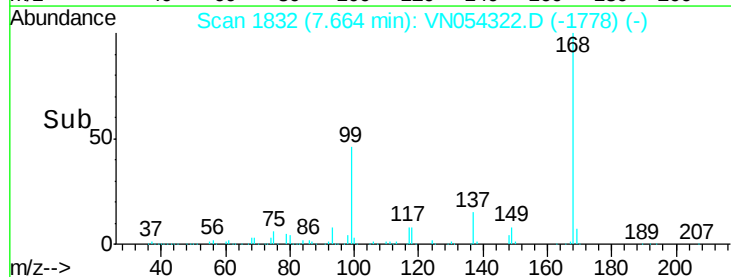
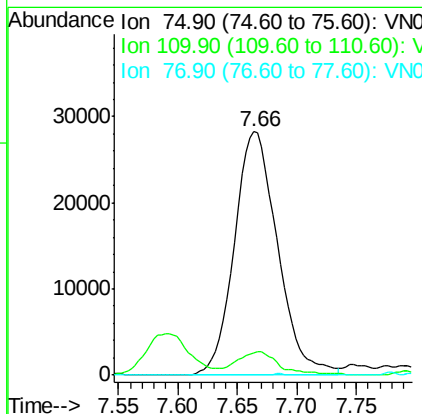
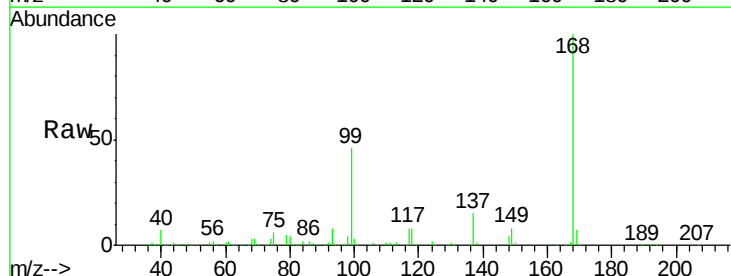
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1

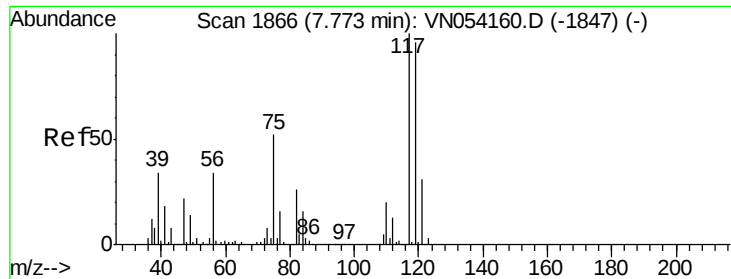
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	24.2	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 3.693 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054322.D
 Acq: 15 Mar 2019 21:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.1	57.5#
77	0.1	25.0	37.4#

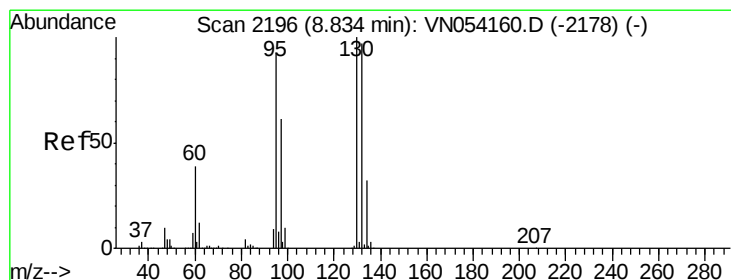
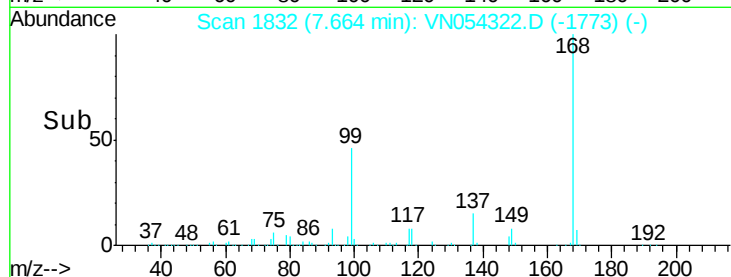
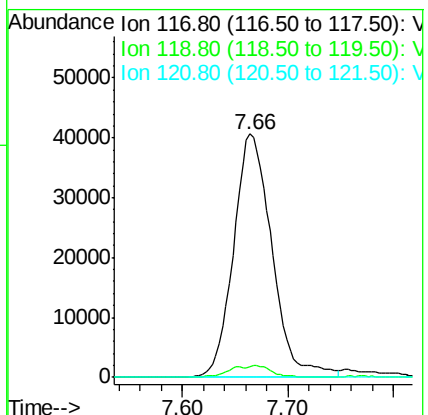
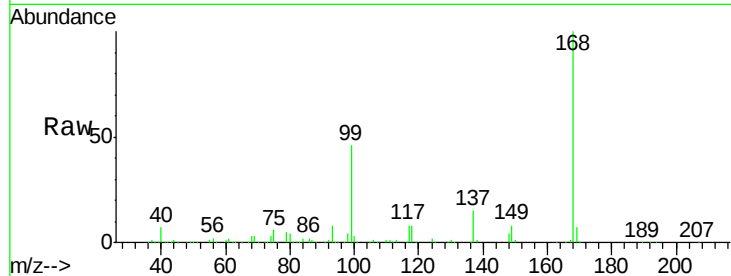




#38
Carbon Tetrachloride
Concen: 5.074 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054322.D
Acq: 15 Mar 2019 21:00

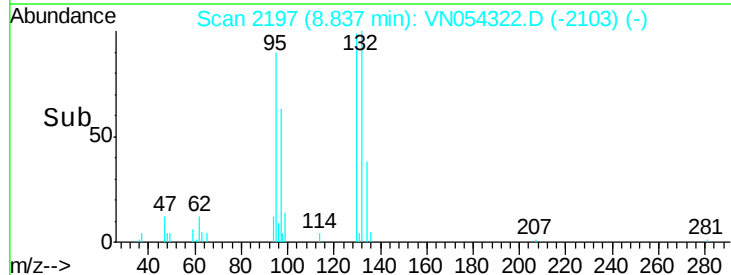
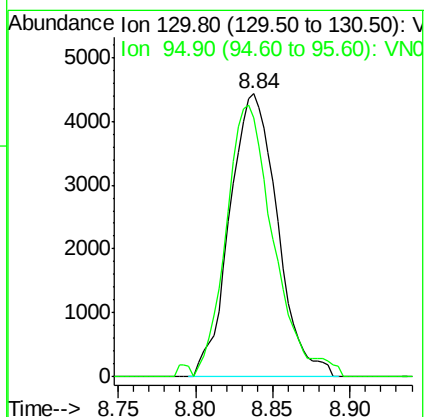
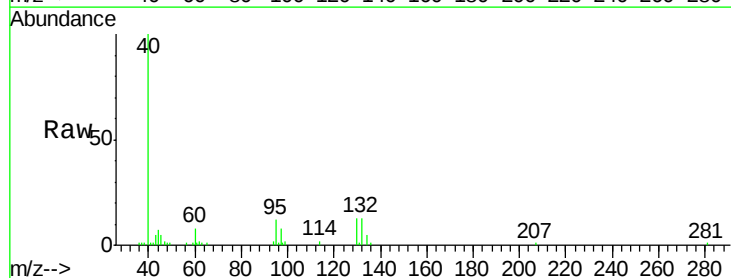
Instrument :
MSVOA_N
ClientSampled :
TW-1

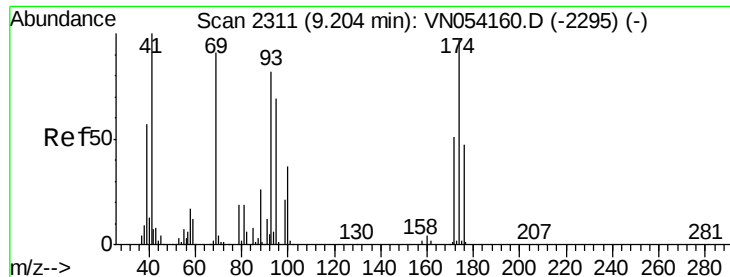
Tot Ion:117 Resp: 102838
Ion Ratio Lower Upper
117 100
119 4.4 76.3 114.5#
121 0.0 24.6 36.8#



#44
Trichloroethene
Concen: 0.553 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN054322.D
Acq: 15 Mar 2019 21:00

Tgt Ion:130 Resp: 9499
Ion Ratio Lower Upper
130 100
95 87.9 0.0 185.2





#49

1,4-Dioxane

Concen: 0.500 ug/l

RT: 9.21 min Scan# 2314

Delta R.T. 0.01 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

Instrument :
MSVOA_N
ClientSampled :
TW-1

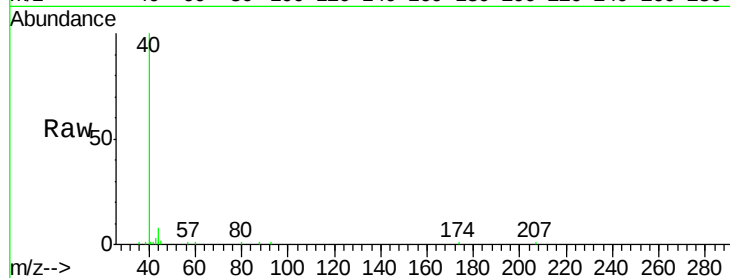
Tot Ion: 88 Resp: 70

Ion Ratio Lower Upper

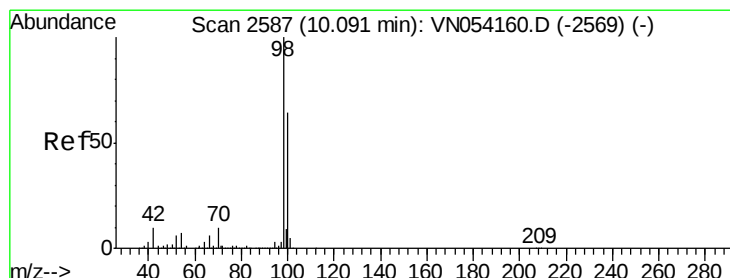
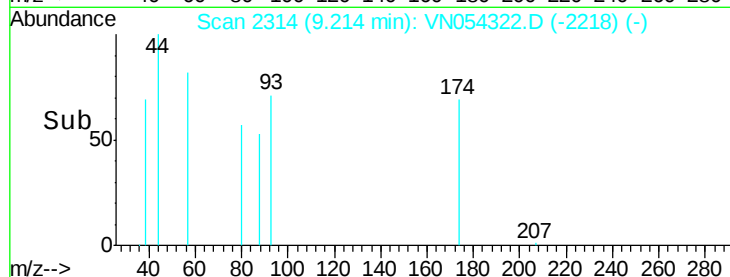
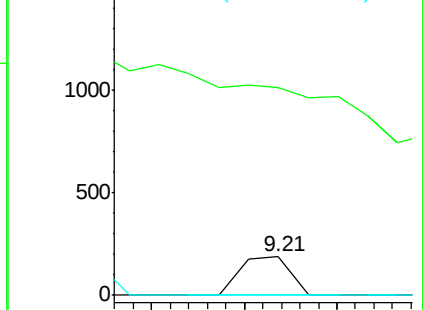
88 100

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: 51.917 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054322.D

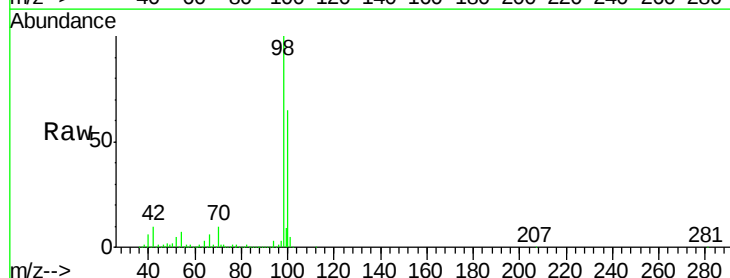
Acq: 15 Mar 2019 21:00

Tgt Ion: 98 Resp: 2595509

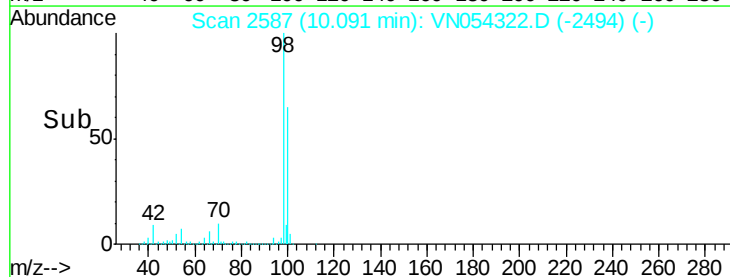
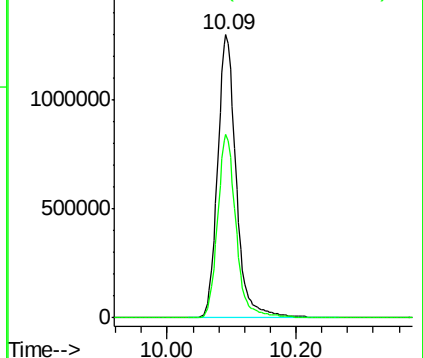
Ion Ratio Lower Upper

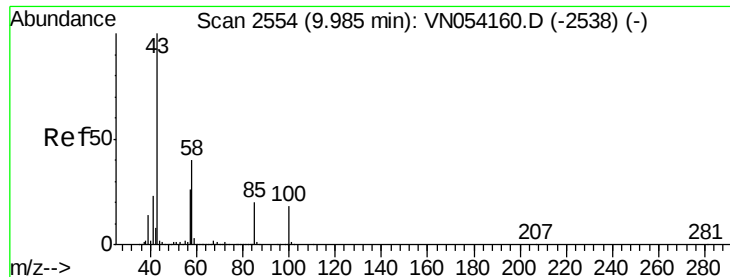
98 100

100 64.4 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 0.433 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

Instrument :

MSVOA_N

ClientSampled :

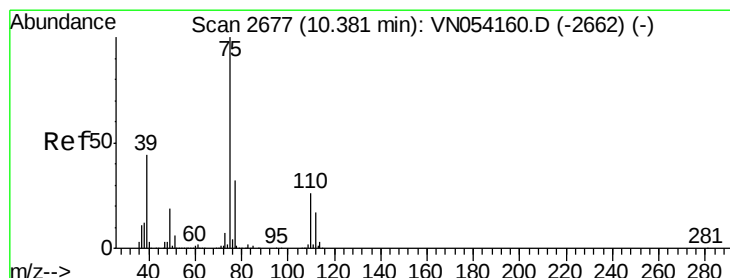
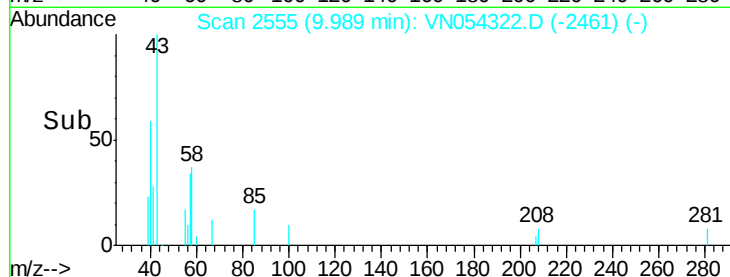
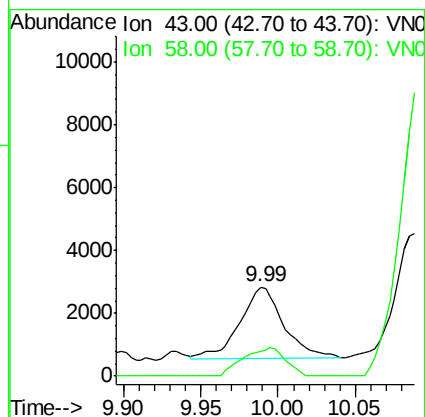
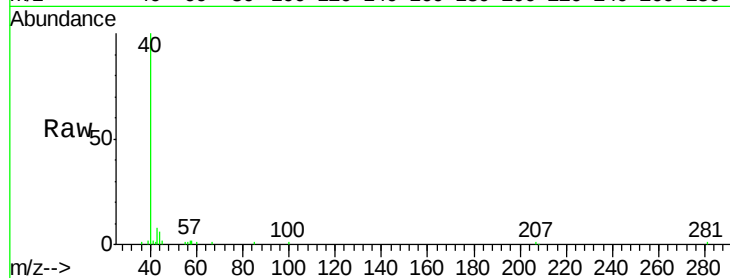
TW-1

Tot Ion: 43 Resp: 4470

Ion Ratio Lower Upper

43 100

58 38.5 31.8 47.6



#53

t-1,3-Dichloropropene

Concen: 1.998 ug/l

RT: 10.39 min Scan# 2679

Delta R.T. 0.01 min

Lab File: VN054322.D

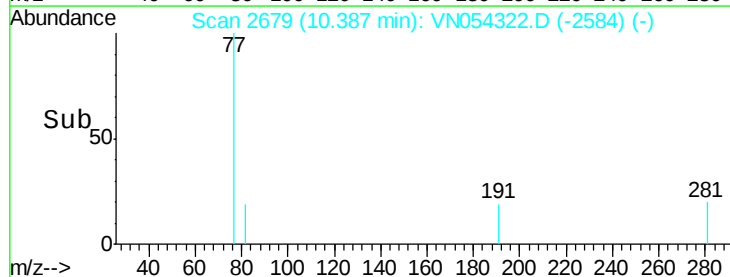
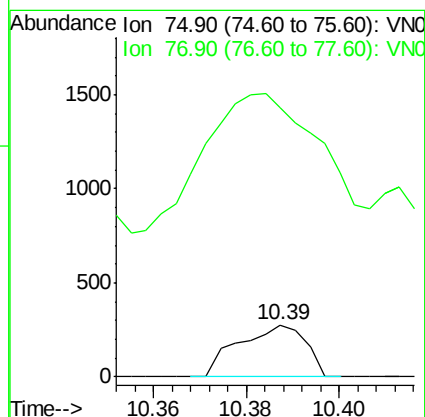
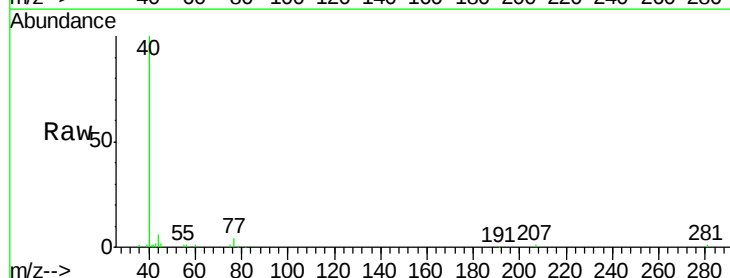
Acq: 15 Mar 2019 21:00

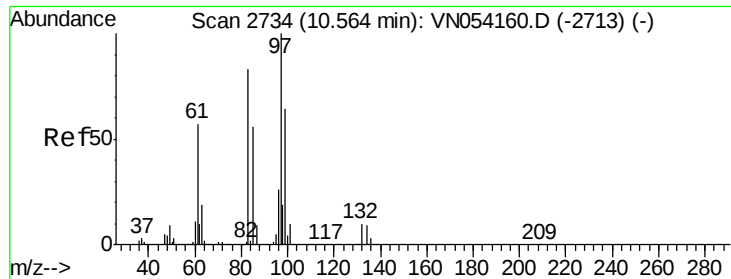
Tgt Ion: 75 Resp: 276

Ion Ratio Lower Upper

75 100

77 129.1 25.8 38.8#

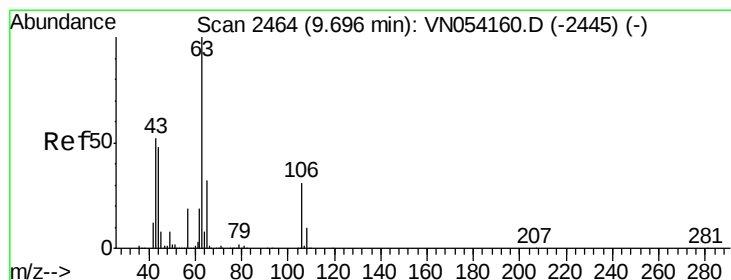
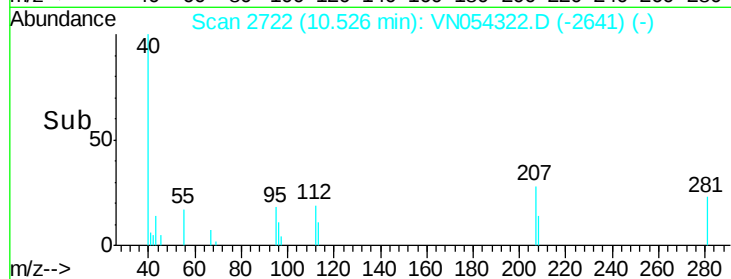
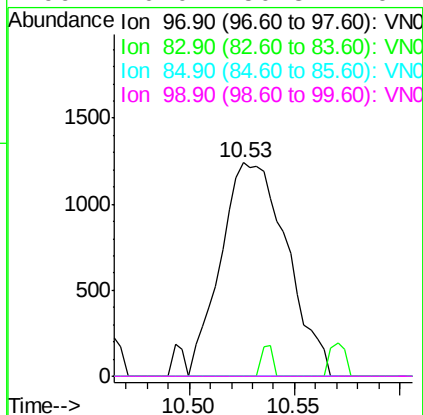
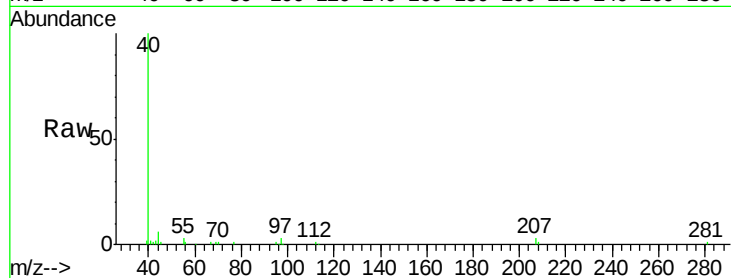




#55
 1,1,2-Trichloroethane
 Concen: 0.211 ug/l
 RT: 10.53 min Scan# 2722
 Delta R.T. -0.04 min
 Lab File: VN054322.D
 Acq: 15 Mar 2019 21:00

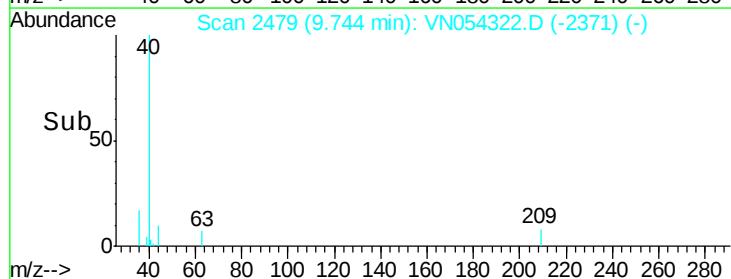
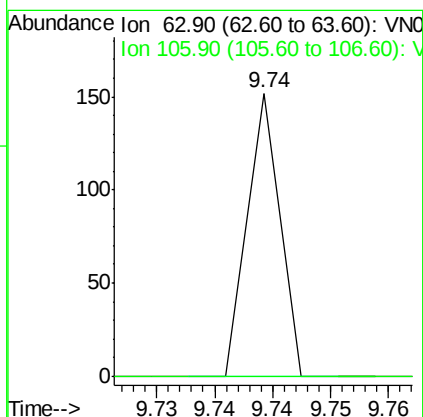
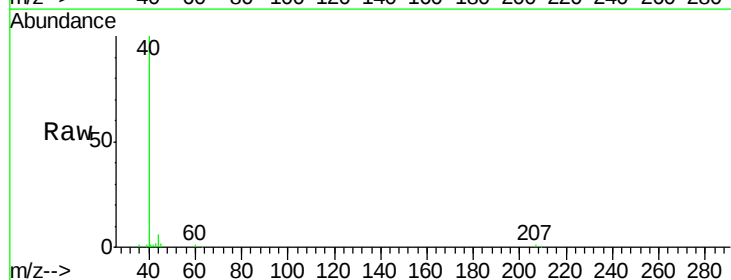
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1

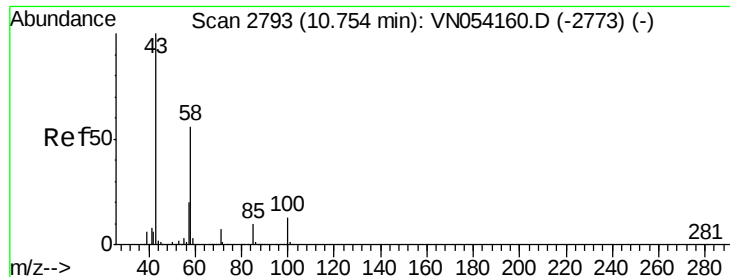
Tot Ion: 97 Resp: 2708
 Ion Ratio Lower Upper
 97 100
 83 0.0 66.6 100.0#
 85 0.0 44.4 66.6#
 99 0.0 50.8 76.2#



#58
 2-Chloroethyl Vinyl ether
 Concen: 16.832 ug/l
 RT: 9.74 min Scan# 2479
 Delta R.T. 0.05 min
 Lab File: VN054322.D
 Acq: 15 Mar 2019 21:00

Tgt Ion: 63 Resp: 29
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.4 36.6#

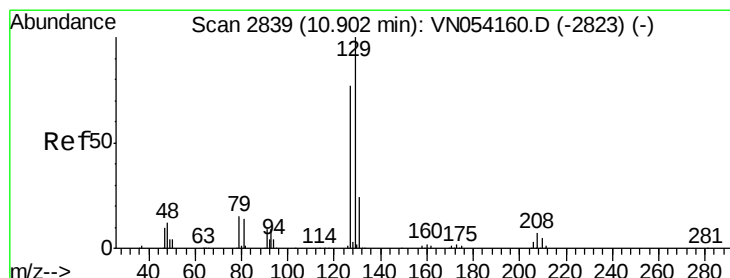
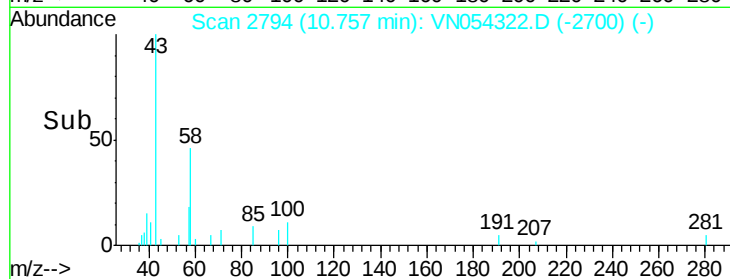
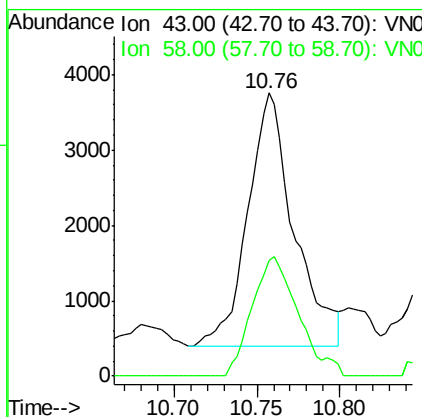
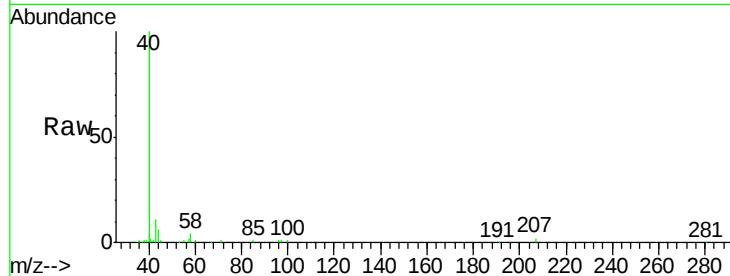




#59
2-Hexanone
Concen: 0.947 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN054322.D
Acq: 15 Mar 2019 21:00

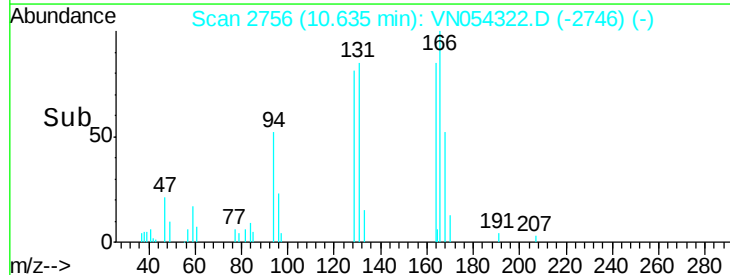
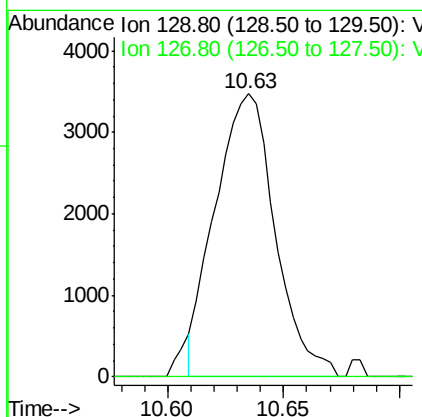
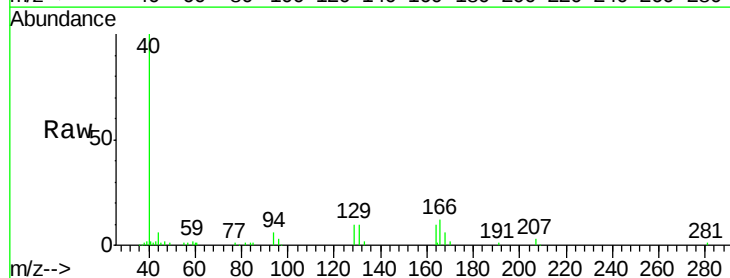
Instrument :
MSVOA_N
ClientSampled :
TW-1

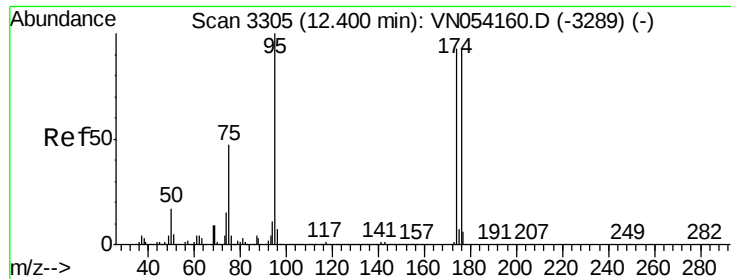
Tot Ion: 43 Resp: 6500
Ion Ratio Lower Upper
43 100
58 47.0 28.0 83.9



#60
Dibromochloromethane
Concen: 0.433 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. -0.27 min
Lab File: VN054322.D
Acq: 15 Mar 2019 21:00

Tgt Ion: 129 Resp: 6248
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#





#62

4-Bromofluorobenzene

Concen: 54.717 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

Instrument :

MSVOA_N

ClientSampled :

TW-1

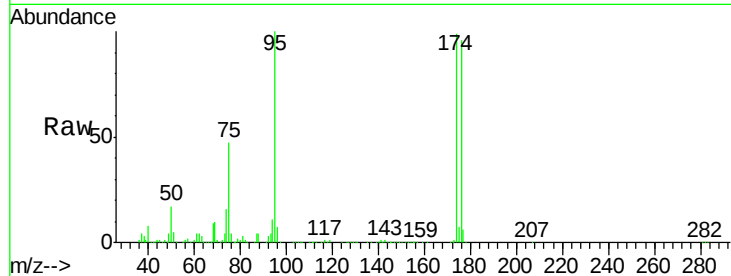
Tot Ion: 95 Resp: 957145

Ion Ratio Lower Upper

95 100

174 98.1 0.0 191.0

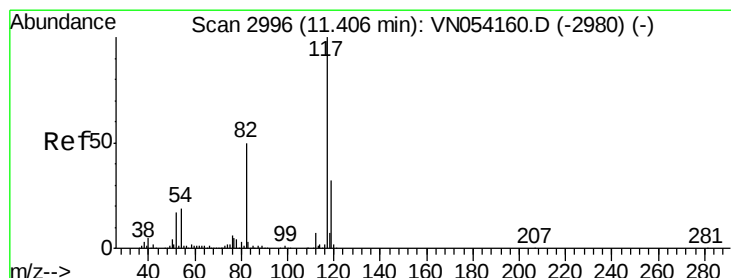
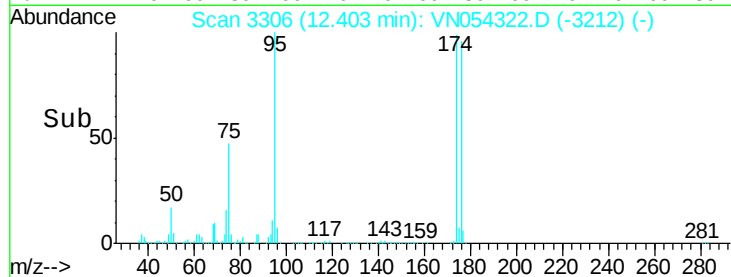
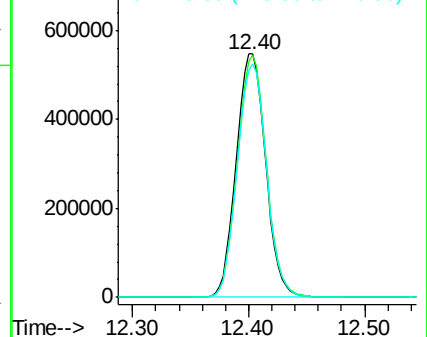
176 95.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054322.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054322.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054322.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

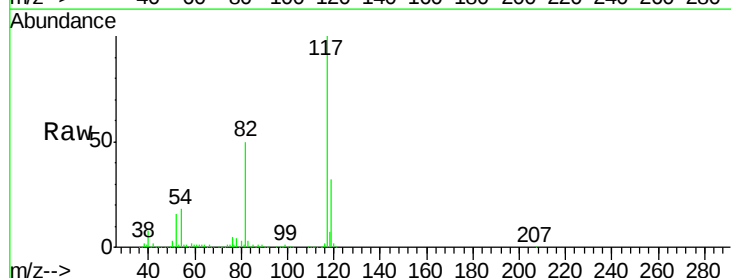
Tgt Ion: 117 Resp: 2171334

Ion Ratio Lower Upper

117 100

82 50.2 40.0 60.0

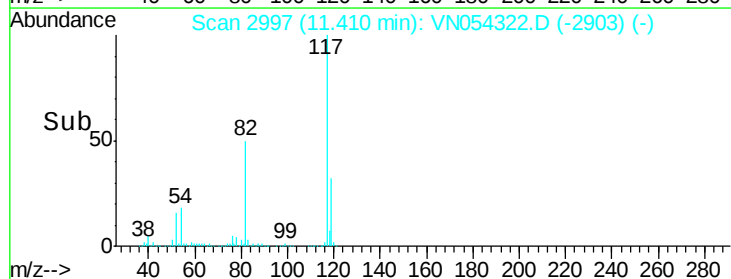
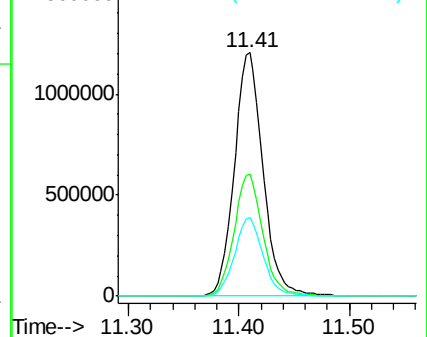
119 32.1 25.8 38.6

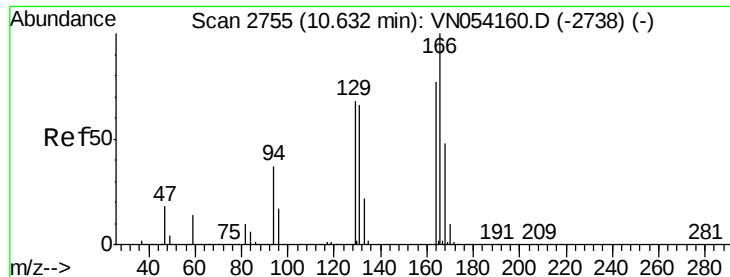


Abundance Ion 116.90 (116.60 to 117.60): VN054322.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054322.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054322.D (-2903) (-)





#64

Tetrachloroethene

Concen: 0.330 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

Instrument :

MSVOA_N

ClientSampleId :

TW-1

Tot Ion:164 Resp: 6929

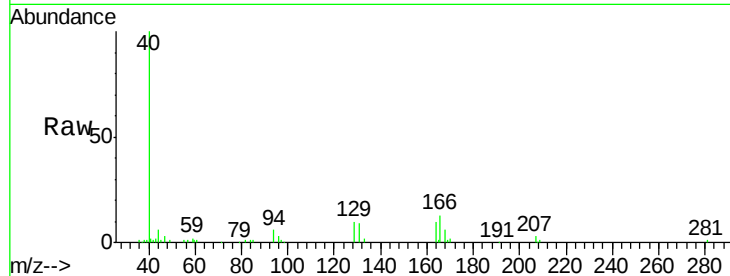
Ion Ratio Lower Upper

164 100

166 128.9 103.9 155.9

129 96.1 71.1 106.7

131 94.7 68.2 102.4

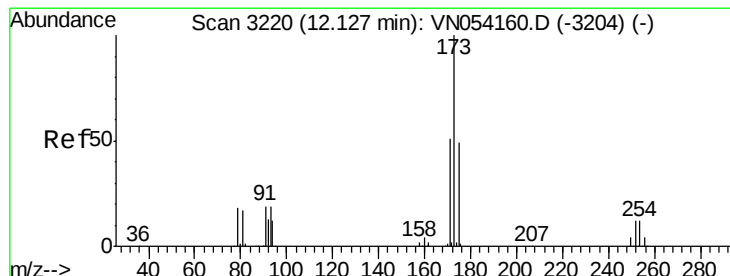
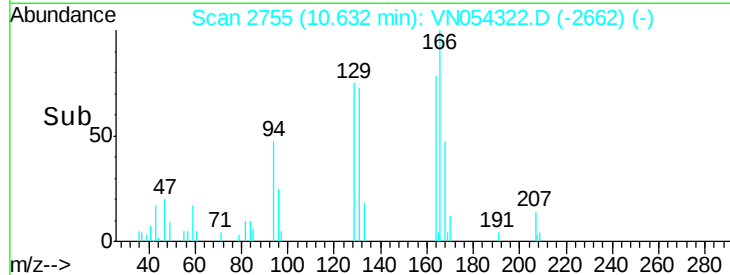
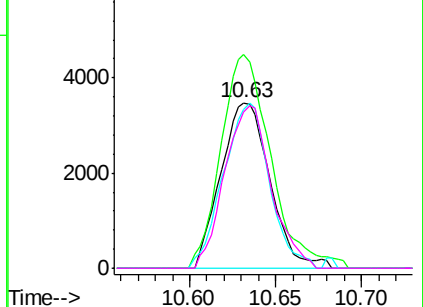


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 2.760 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

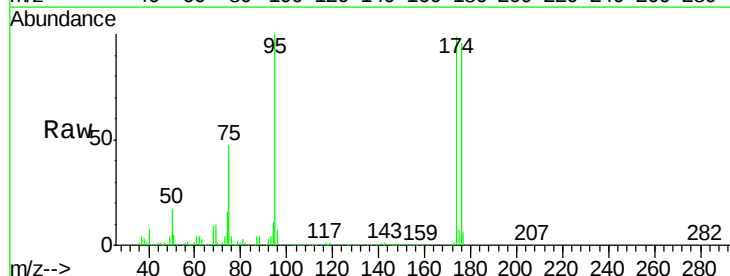
Tgt Ion:173 Resp: 5672

Ion Ratio Lower Upper

173 100

175 1005.7 24.4 73.2#

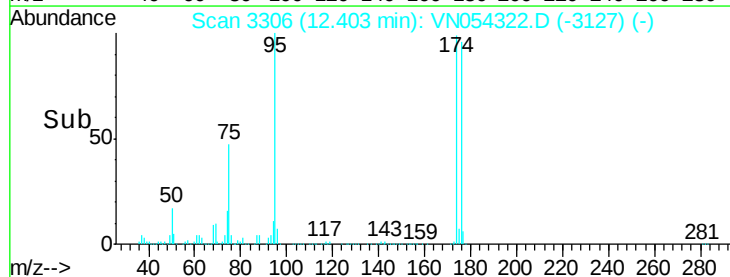
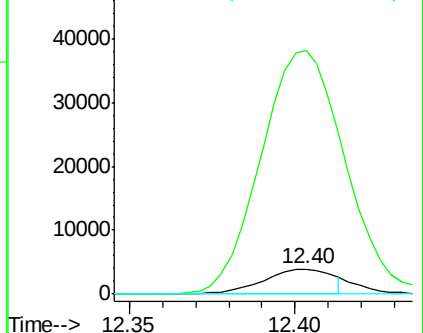
254 0.0 0.1 0.1#

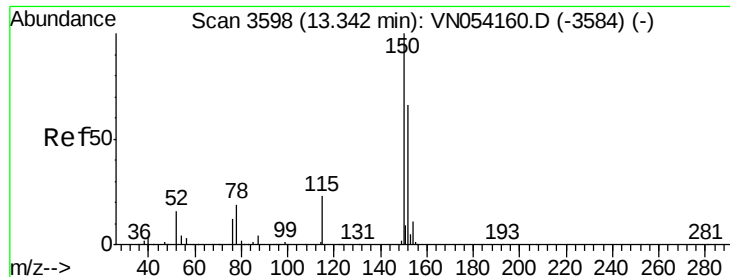


Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

Instrument :

MSVOA_N

ClientSampleId :

TW-1

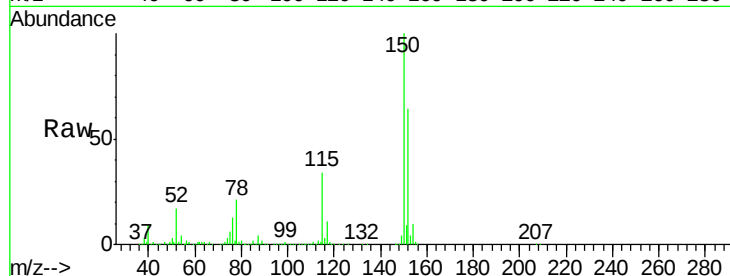
Tot Ion:152 Resp: 852914

Ion Ratio Lower Upper

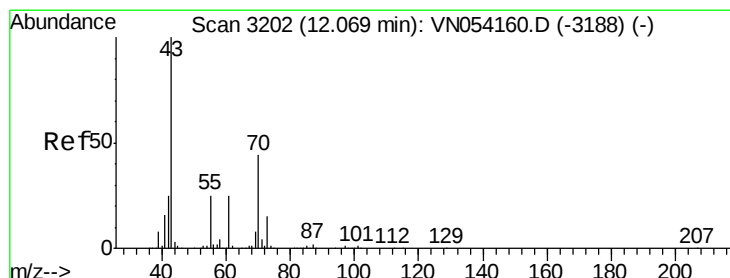
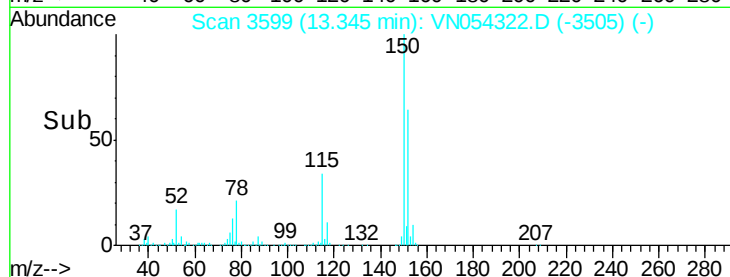
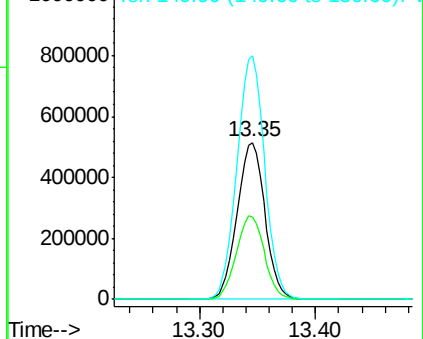
152 100

115 53.4 27.2 81.6

150 154.7 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



#74

N-ethyl acetate

Concen: 0.201 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

Tgt Ion: 43 Resp: 3047

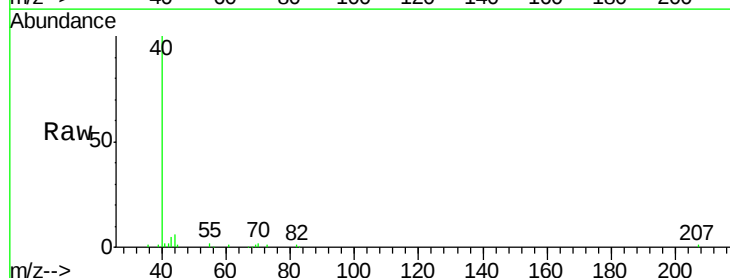
Ion Ratio Lower Upper

43 100

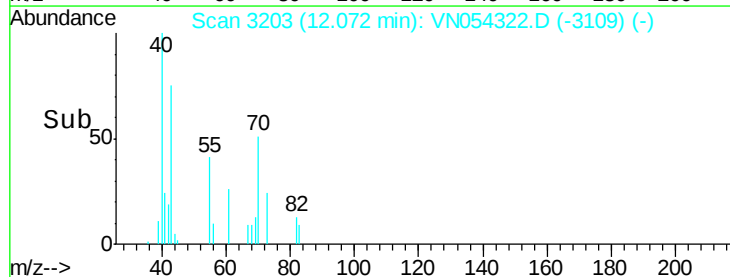
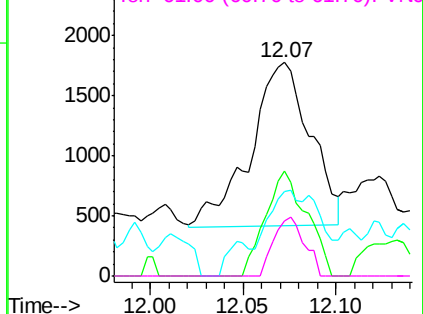
70 44.1 35.4 53.0

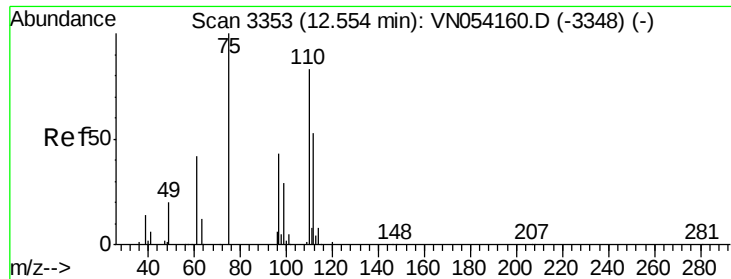
55 27.2 19.8 29.6

61 18.4 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 70.00 (69.70 to 70.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 36.190 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

Instrument :

MSVOA_N

ClientSampleId :

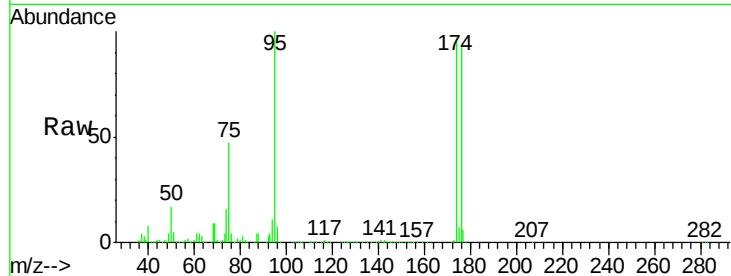
TW-1

Tot Ion: 75 Resp: 453910

Ion Ratio Lower Upper

75 100

77 0.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

12.40

250000

200000

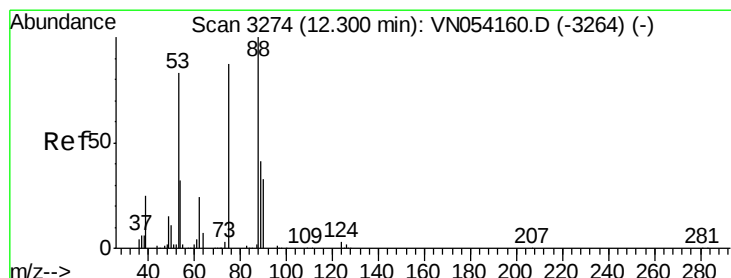
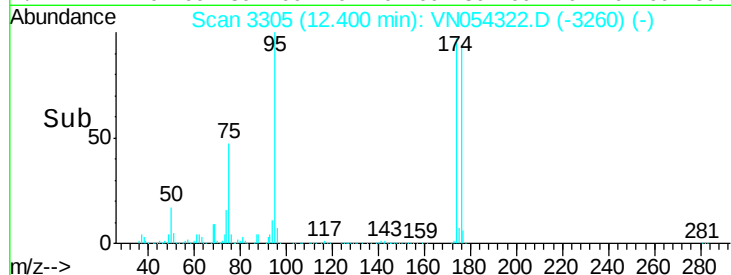
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 123.713 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

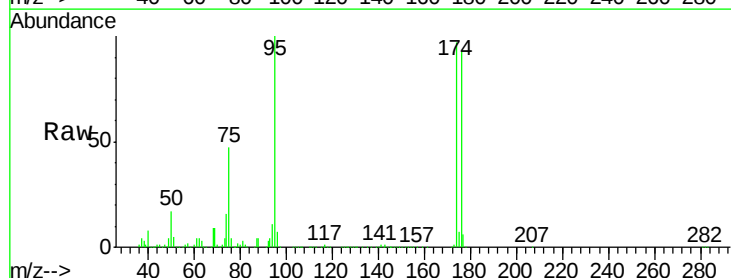
Tgt Ion: 75 Resp: 453910

Ion Ratio Lower Upper

75 100

53 0.1 76.2 114.2#

89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

12.40

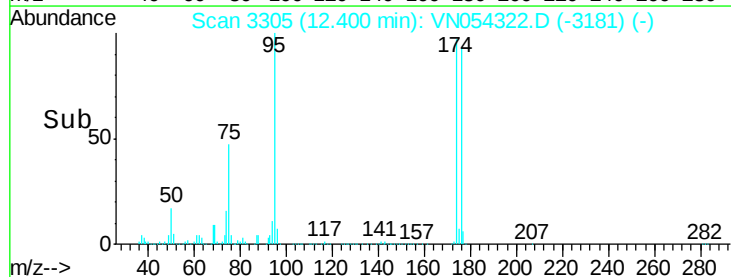
300000

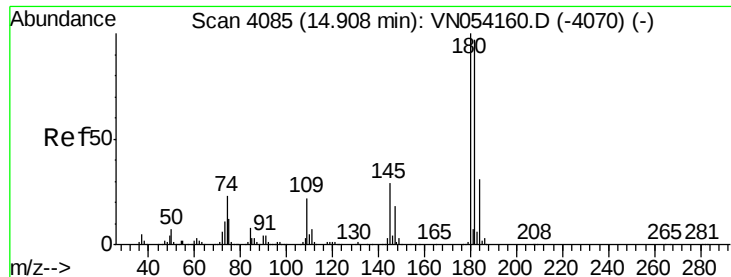
200000

100000

0

Time--> 12.30 12.40 12.50

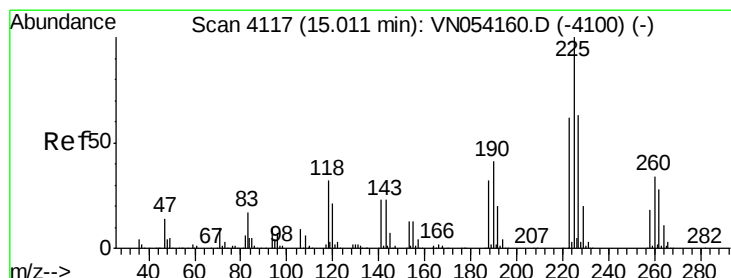
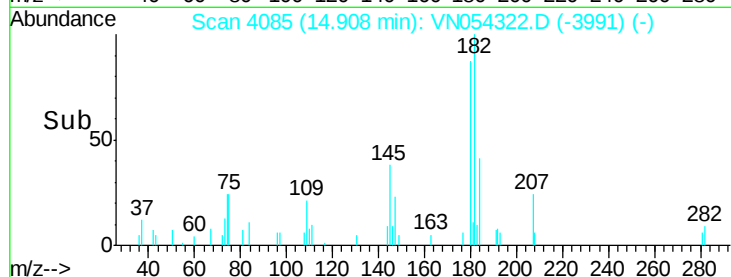
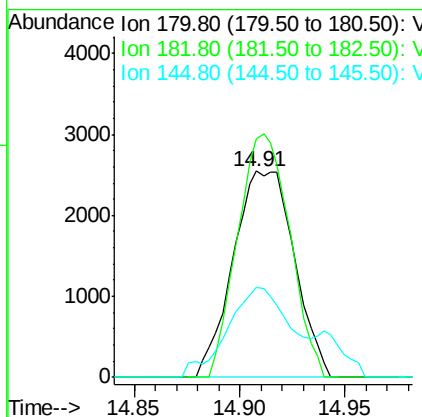
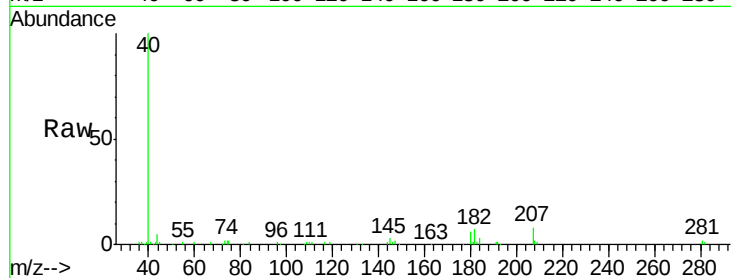




#93
 1,2,4-Trichlorobenzene
 Concen: 2.789 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054322.D
 Acq: 15 Mar 2019 21:00

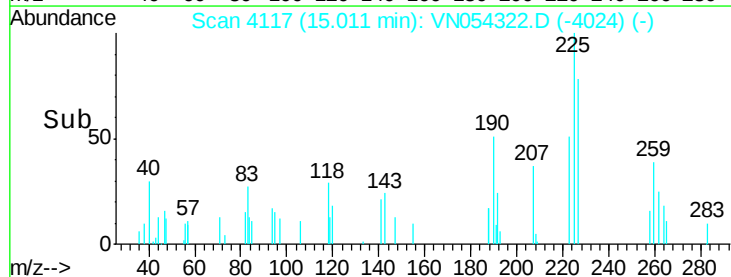
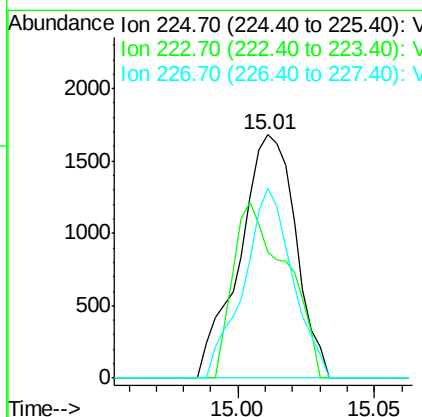
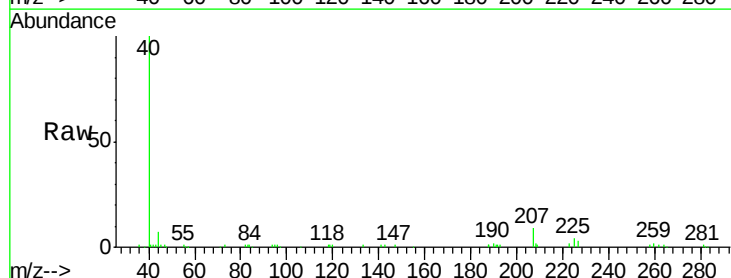
Instrument :
 MSVOA_N
 ClientSampled :
 TW-1

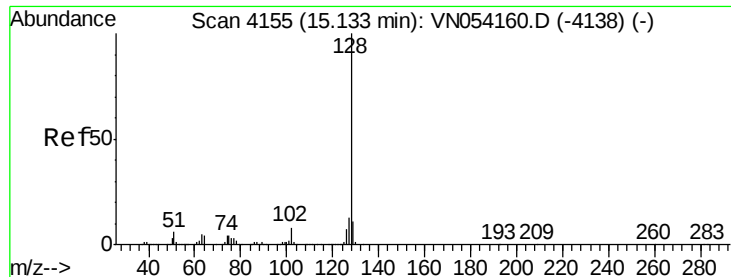
Tot Ion:180 Resp: 5143
 Ion Ratio Lower Upper
 180 100
 182 100.2 48.0 144.2
 145 44.8 14.2 42.8#



#94
 Hexachlorobutadiene
 Concen: 0.212 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN054322.D
 Acq: 15 Mar 2019 21:00

Tgt Ion:225 Resp: 2398
 Ion Ratio Lower Upper
 225 100
 223 69.1 31.1 93.5
 227 67.7 31.9 95.9





#95

Naphthalene

Concen: 4.304 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

Instrument :

MSVOA_N

ClientSampled :

TW-1

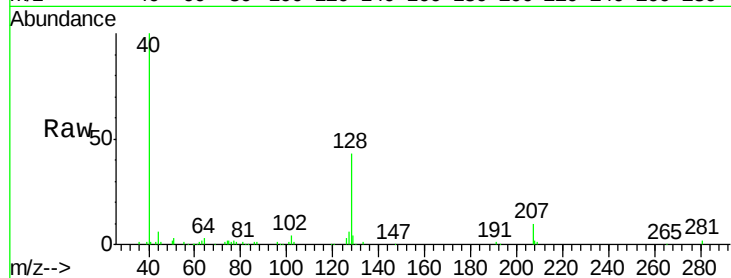
Tot Ion:128 Resp: 33521

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

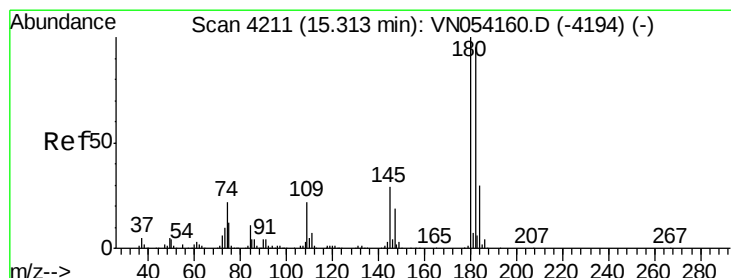
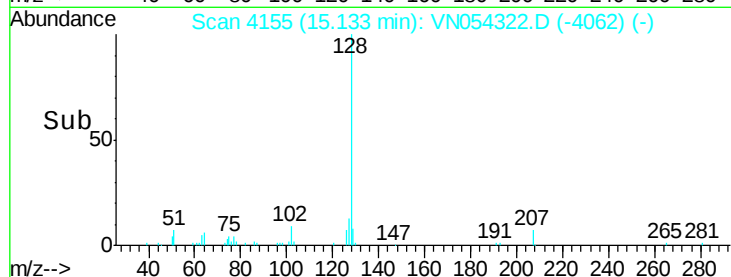
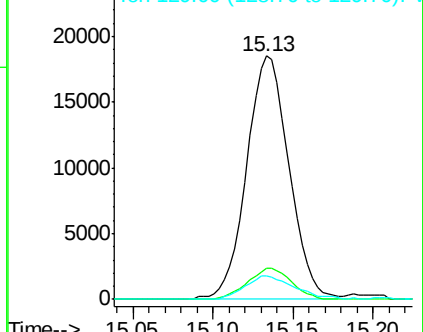
129 11.0 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 0.481 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

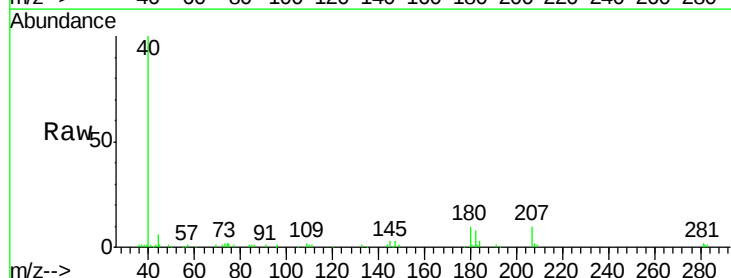
Tgt Ion:180 Resp: 7595

Ion Ratio Lower Upper

180 100

182 90.0 47.5 142.6

145 42.3 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

