

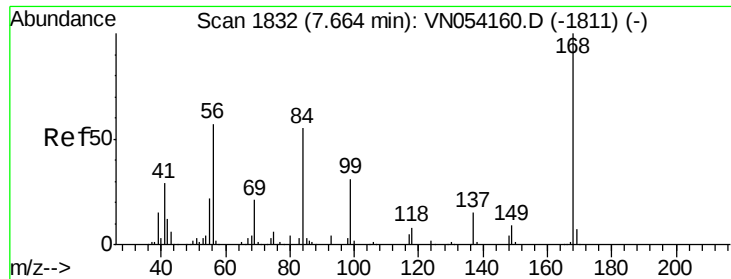
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031419\
 Data File : VN054269.D
 Acq On : 14 Mar 2019 18:31
 Operator : JC/SP
 Sample : K1898-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Mar 15 06:55:53 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	1452184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2377532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2443891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1016247	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	749647	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	7.59	113	731061	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
50) Toluene-d8	10.09	98	2913021	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.40	95	1090823	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.19	62	41706	2.729	ug/l	97
6) Chloroethane	2.71	64	20624	2.231	ug/l	94
10) Methyl Iodide	3.93	142	734	1.530	ug/l #	86
11) Tert butyl alcohol	4.82	59	235	0.222	ug/l #	70
12) 1,1-Dichloroethene	3.73	96	431422	28.596	ug/l	96
13) Acrolein	3.62	56	380	0.379	ug/l	85
16) Acetone	3.82	43	9578	2.169	ug/l	89
18) Methyl Acetate	4.33	43	4085	0.457	ug/l #	71
20) Methylene Chloride	4.55	84	3299	0.228	ug/l #	85
24) 1,1-Dichloroethane	5.85	63	574875	23.176	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	65120	4.038	ug/l	89
31) Cyclohexane	7.67	56	22519	Below Cal	#	1
32) 1,1,1-Trichloroethane	7.57	97	48782	2.087	ug/l	100
36) 1,1-Dichloropropene	7.66	75	80275	3.666	ug/l #	48
38) Carbon Tetrachloride	7.67	117	112322	4.892	ug/l #	16
39) Methylcyclohexane	9.09	83	10049	0.373	ug/l #	84
42) 1,2-Dichloroethane	8.12	62	29105	1.376	ug/l	92
43) Isopropyl Acetate	8.14	43	30779	1.394	ug/l #	74
44) Trichloroethene	8.83	130	10496	0.539	ug/l	99
49) 1,4-Dioxane	9.21	88	86844	547.862	ug/l #	95
53) t-1,3-Dichloropropene	10.39	75	133	1.991	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.78	63	291	16.864	ug/l #	44
71) Bromoform	12.40	173	6506	2.768	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	513350	34.351	ug/l #	100
77) Bromobenzene	12.54	156	14525	0.675	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	513350	117.426	ug/l #	14
85) sec-Butylbenzene	13.17	105	21127	0.262	ug/l	98
90) Hexachloroethane	13.95	117	2616	0.223	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	638	2.545	ug/l #	3
95) Naphthalene	15.13	128	192104	7.481	ug/l	98

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

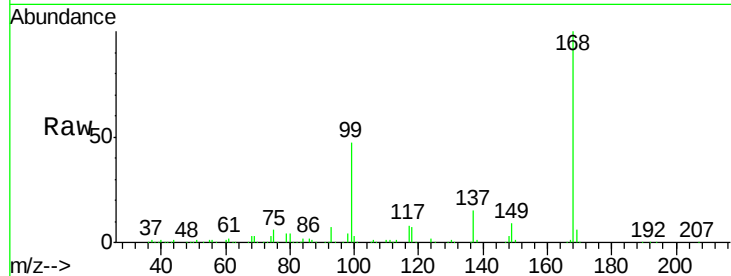


#1

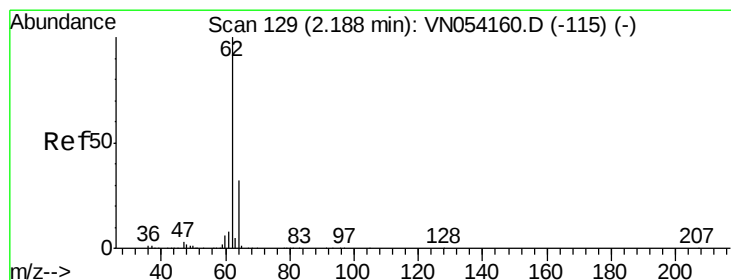
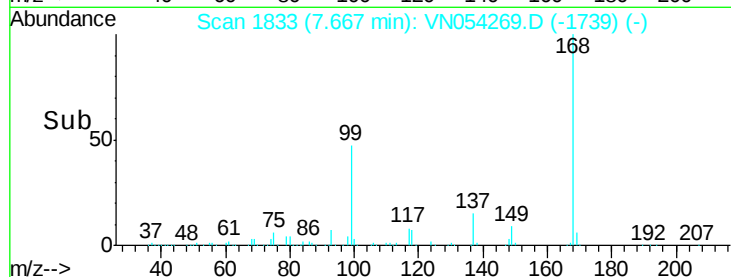
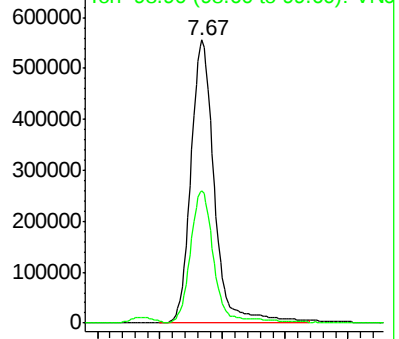
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VN054269.D
 Acq: 14 Mar 2019 18:31

Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

Tot Ion:168 Resp: 1452184
 Ion Ratio Lower Upper
 168 100
 99 46.5 37.1 55.7



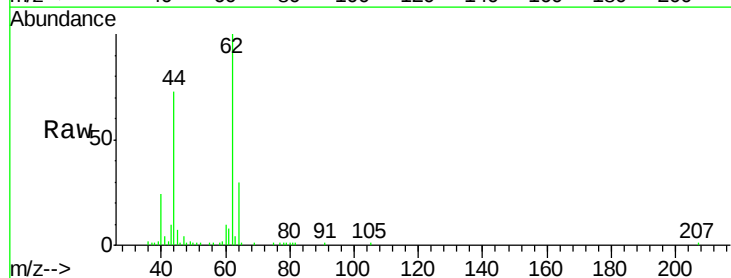
Abundance Ion 167.90 (167.60 to 168.60): V



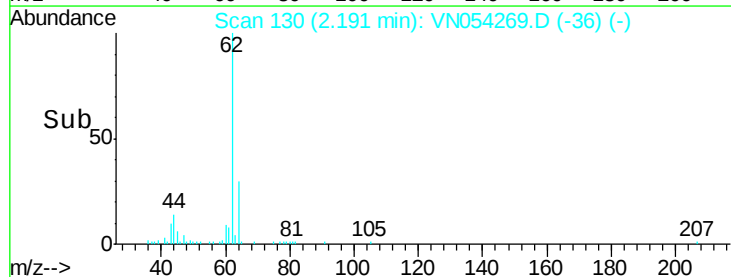
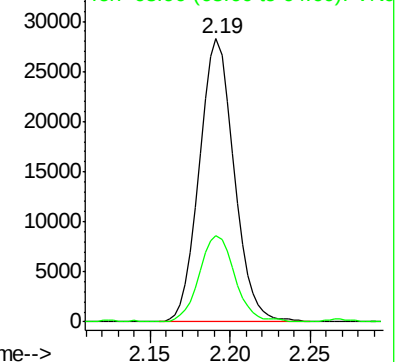
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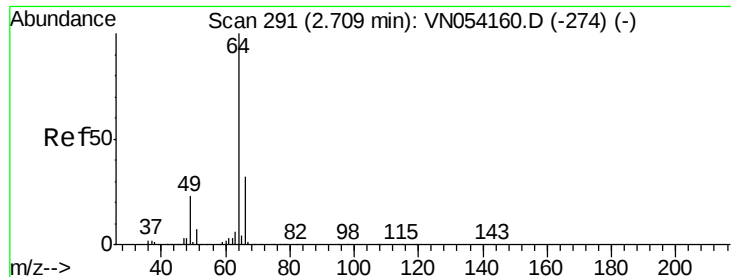
Vinyl Chloride
 Concen: 2.729 ug/l
 RT: 2.19 min Scan# 130
 Delta R.T. 0.00 min
 Lab File: VN054269.D
 Acq: 14 Mar 2019 18:31

Tgt Ion: 62 Resp: 41706
 Ion Ratio Lower Upper
 62 100
 64 30.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO





#6

Chloroethane

Concen: 2.231 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

Instrument :

MSVOA_N

ClientSampled :

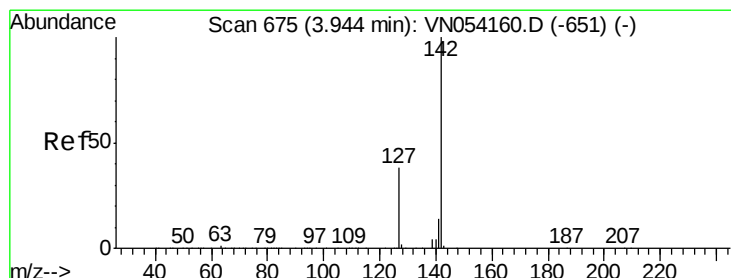
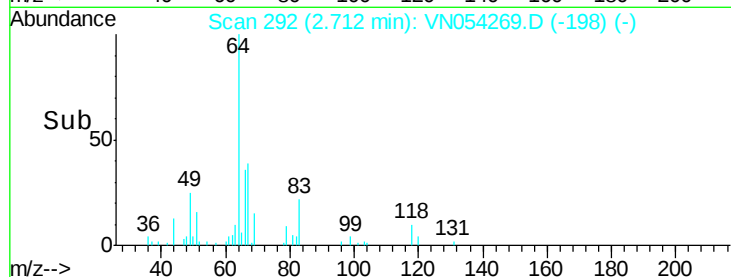
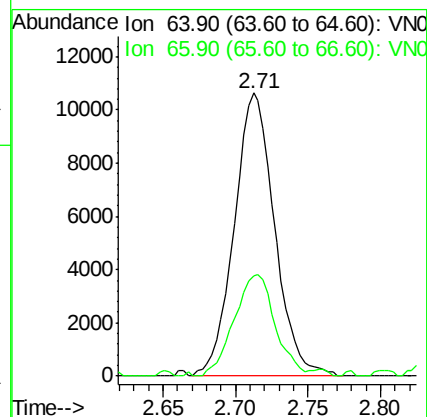
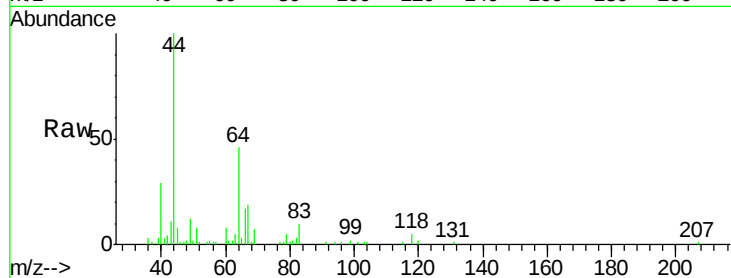
MW-2

Tot Ion: 64 Resp: 20624

Ion Ratio Lower Upper

64 100

66 35.6 25.7 38.5



#10

Methyl Iodide

Concen: 1.530 ug/l

RT: 3.93 min Scan# 672

Delta R.T. -0.01 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

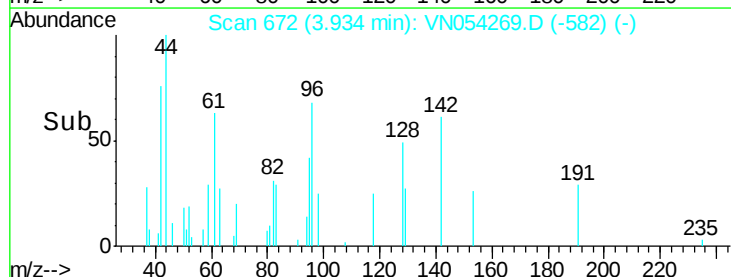
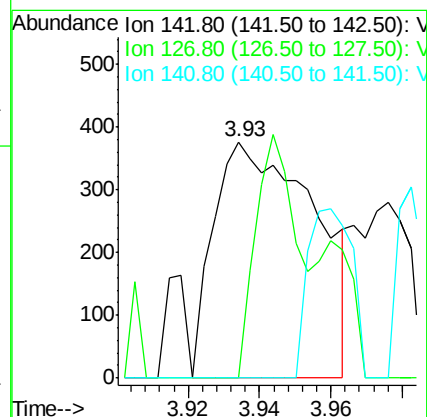
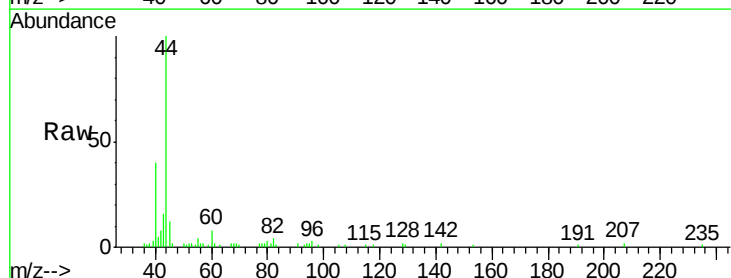
Tgt Ion: 142 Resp: 734

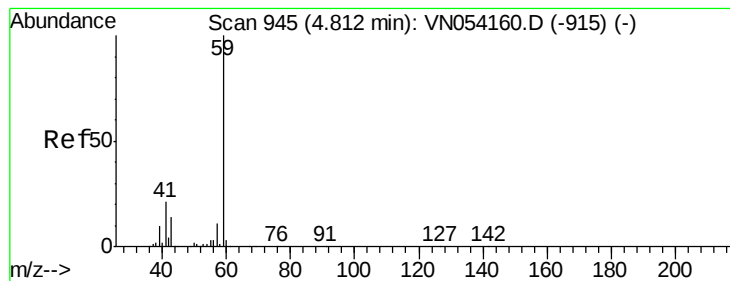
Ion Ratio Lower Upper

142 100

127 41.6 30.3 45.5

141 0.0 11.2 16.8#



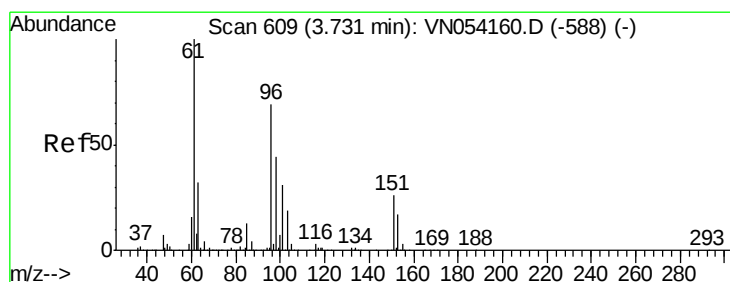
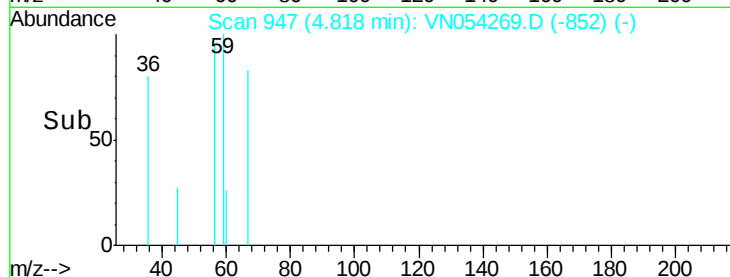
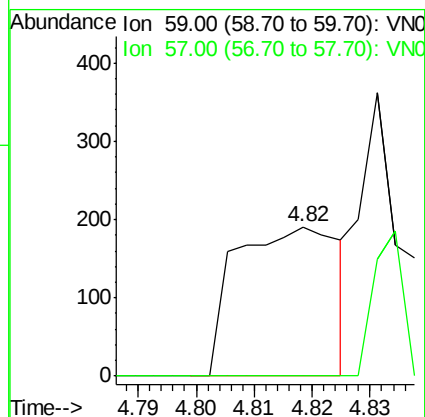
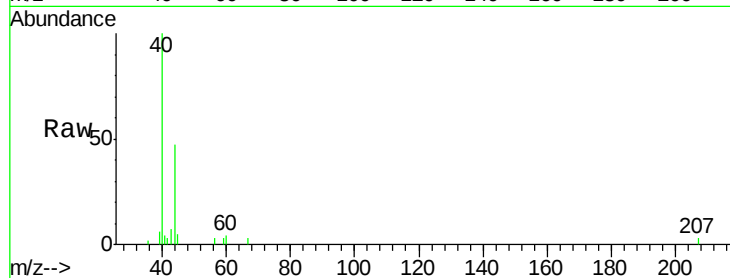


#11

Tert butyl alcohol
 Concen: 0.222 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN054269.D
 Acq: 14 Mar 2019 18:31

Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

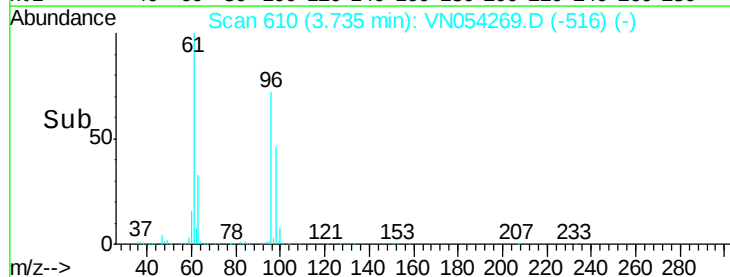
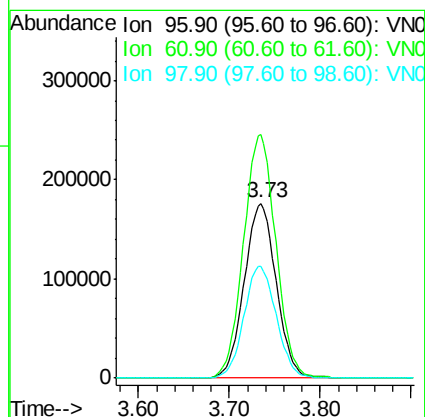
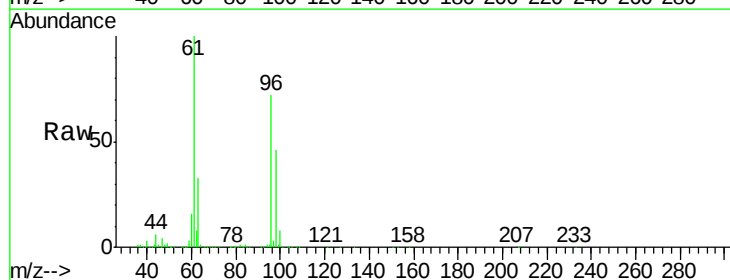
Tot Ion: 59 Resp: 235
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

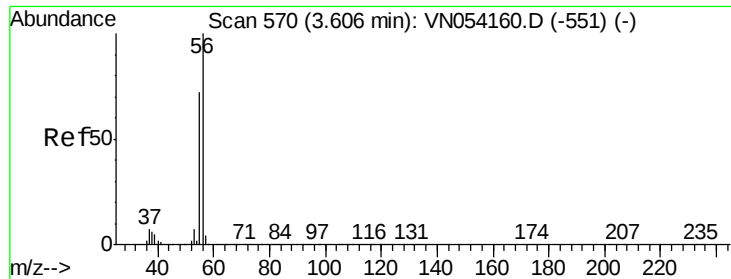


#12

1,1-Dichloroethene
 Concen: 28.596 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN054269.D
 Acq: 14 Mar 2019 18:31

Tgt Ion: 96 Resp: 431422
 Ion Ratio Lower Upper
 96 100
 61 139.3 116.5 174.7
 98 63.9 51.0 76.4

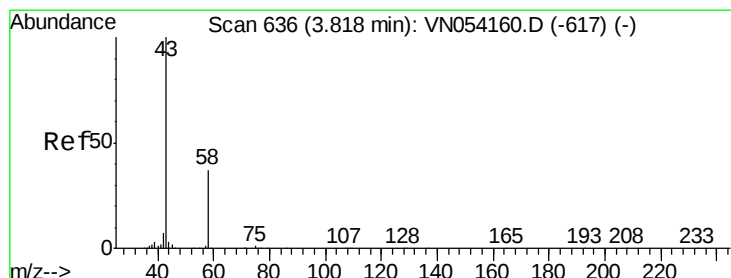
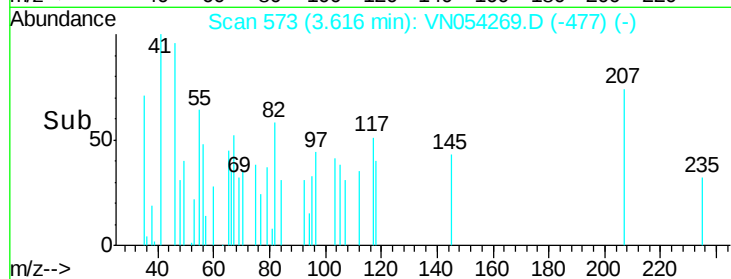
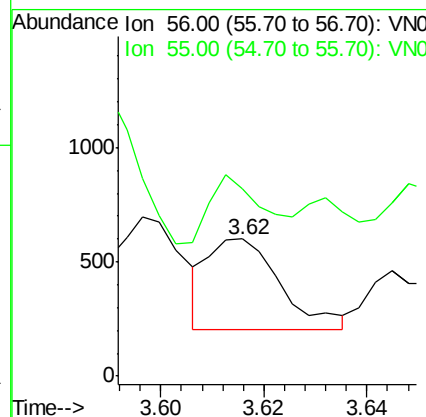
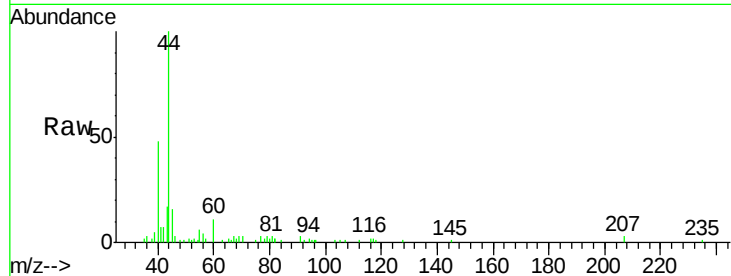




#13
Acrolein
Concen: 0.379 ug/l
RT: 3.62 min Scan# 573
Delta R.T. 0.01 min
Lab File: VN054269.D
Acq: 14 Mar 2019 18:31

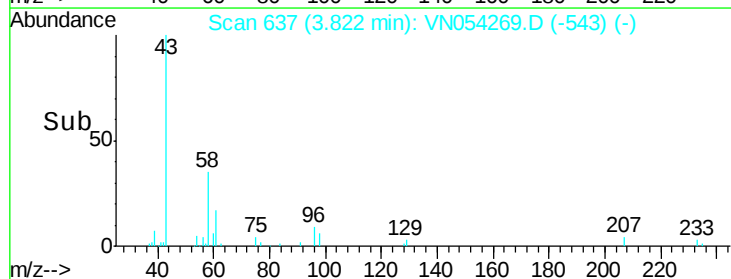
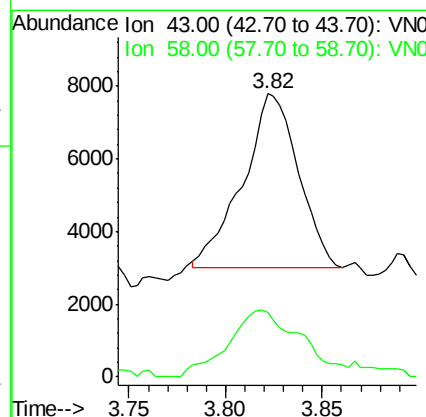
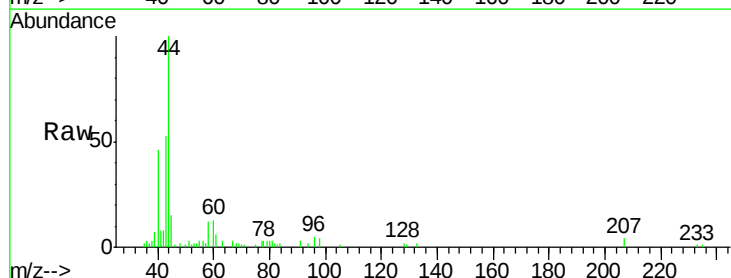
Instrument :
MSVOA_N
ClientSampled :
MW-2

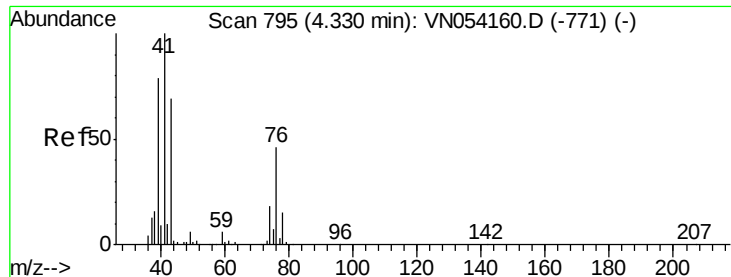
Tot Ion: 56 Resp: 380
Ion Ratio Lower Upper
56 100
55 58.4 56.7 85.1



#16
Acetone
Concen: 2.169 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054269.D
Acq: 14 Mar 2019 18:31

Tgt Ion: 43 Resp: 9578
Ion Ratio Lower Upper
43 100
58 30.6 29.9 44.9

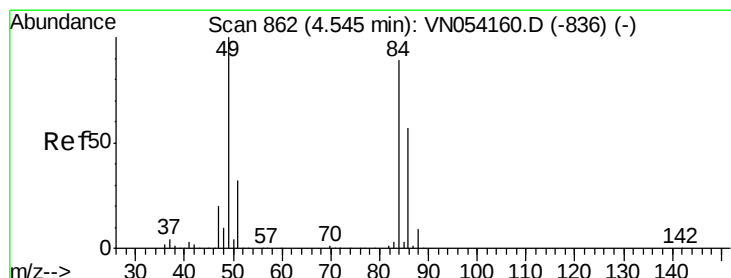
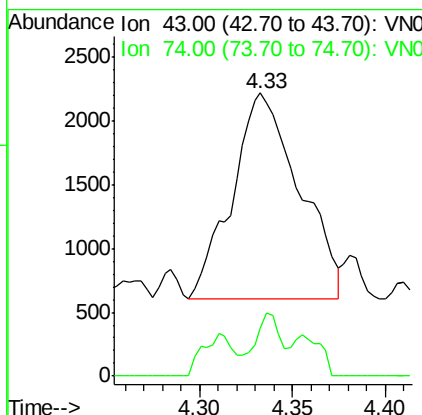
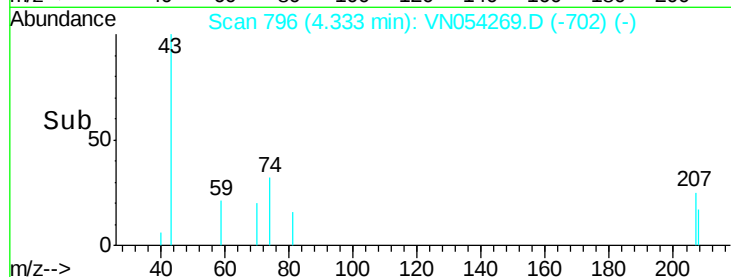
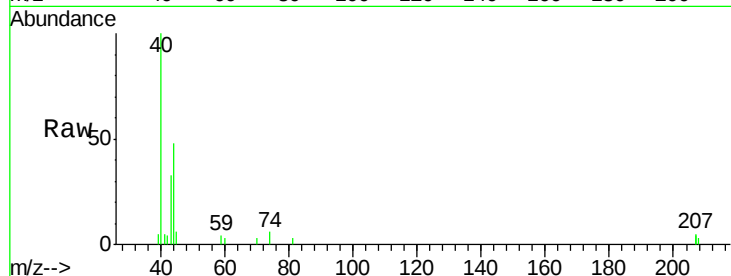




#18
Methvl Acetate
Concen: 0.457 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054269.D
Acq: 14 Mar 2019 18:31

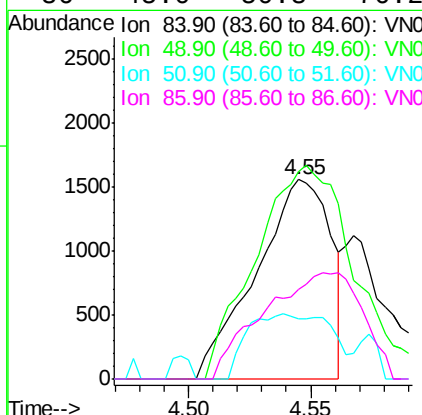
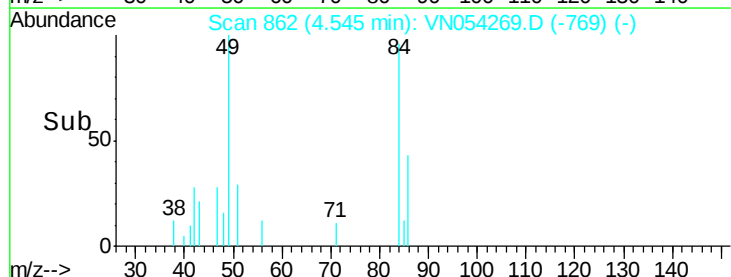
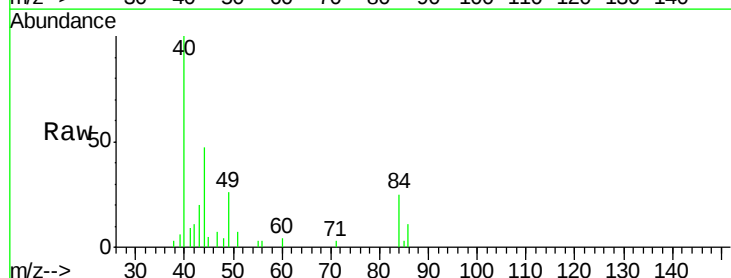
Instrument :
MSVOA_N
ClientSampleId :
MW-2

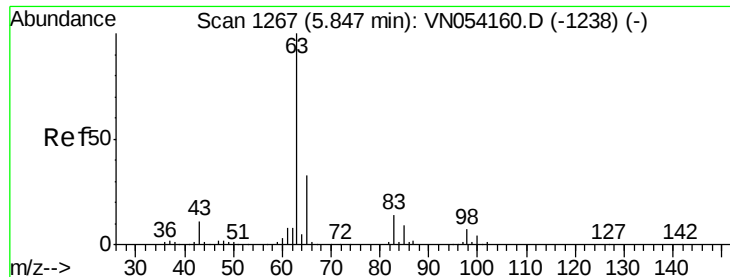
Tot Ion: 43 Resp: 4085
Ion Ratio Lower Upper
43 100
74 11.0 20.8 31.2#



#20
Methylene Chloride
Concen: 0.228 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054269.D
Acq: 14 Mar 2019 18:31

Tgt Ion: 84 Resp: 3299
Ion Ratio Lower Upper
84 100
49 104.0 89.7 134.5
51 20.9 28.2 42.4#
86 45.0 50.8 76.2#





#24

1,1-Dichloroethane

Concen: 23.176 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

Instrument :

MSVOA_N

ClientSampleId :

MW-2

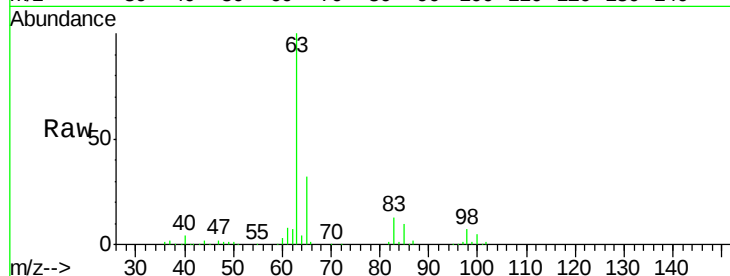
Tot Ion: 63 Resp: 574875

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

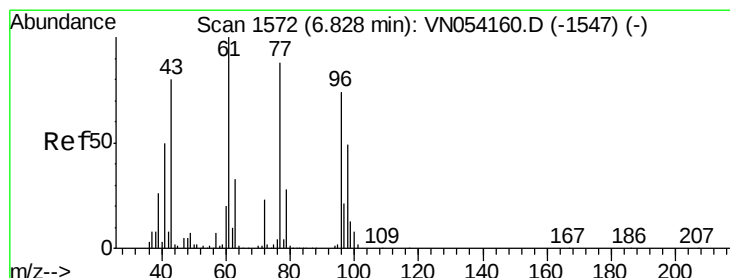
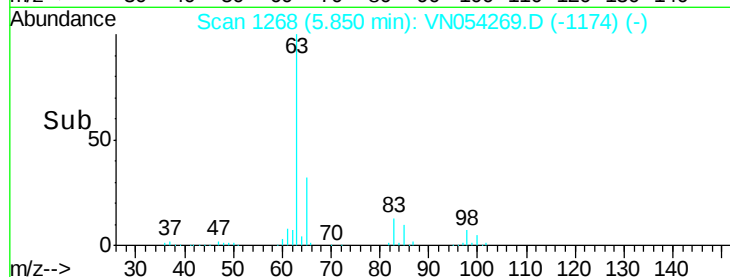
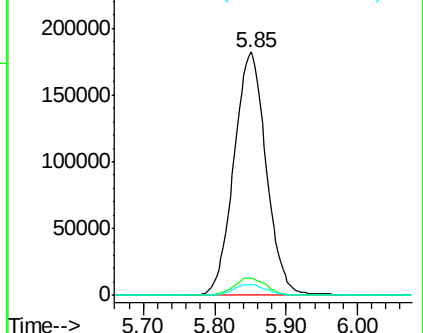
100 4.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN054160.D (-1238) (-)

Ion 97.90 (97.60 to 98.60): VN054160.D (-1238) (-)

Ion 99.90 (99.60 to 100.60): VN054160.D (-1238) (-)



#27

cis-1,2-Dichloroethene

Concen: 4.038 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

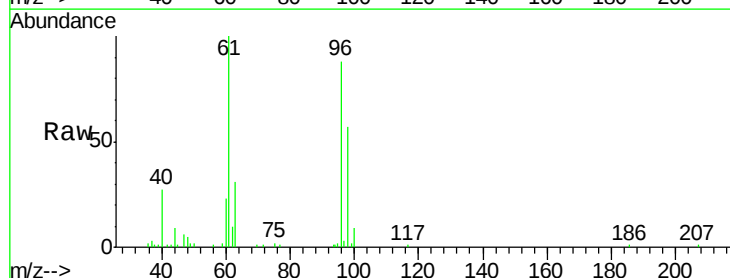
Tgt Ion: 96 Resp: 65120

Ion Ratio Lower Upper

96 100

61 116.7 0.0 273.0

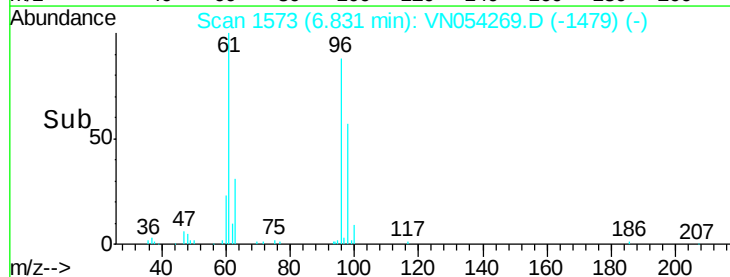
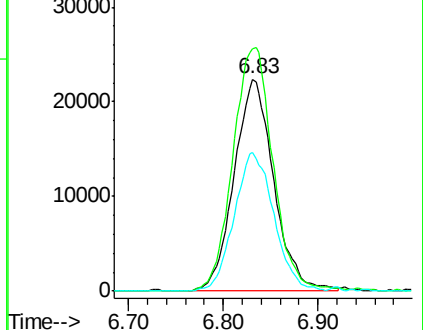
98 65.2 0.0 130.6

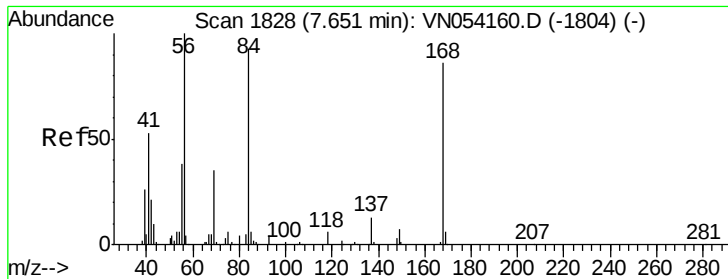


Abundance Ion 95.90 (95.60 to 96.60): VN054160.D (-1547) (-)

Ion 60.90 (60.60 to 61.60): VN054160.D (-1547) (-)

Ion 97.90 (97.60 to 98.60): VN054160.D (-1547) (-)





#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

Instrument :

MSVOA_N

ClientSampled :

MW-2

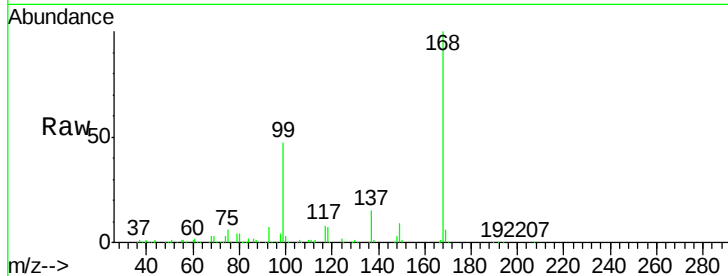
Tot Ion: 56 Resp: 22519

Ion Ratio Lower Upper

56 100

69 172.1 27.8 41.6#

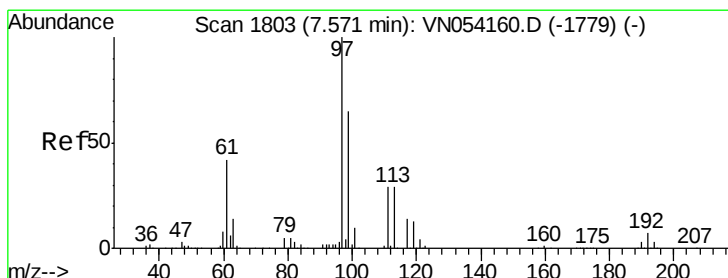
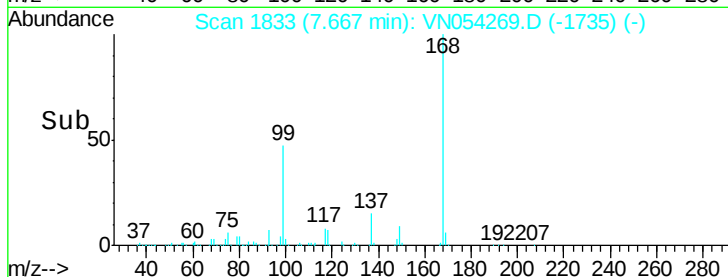
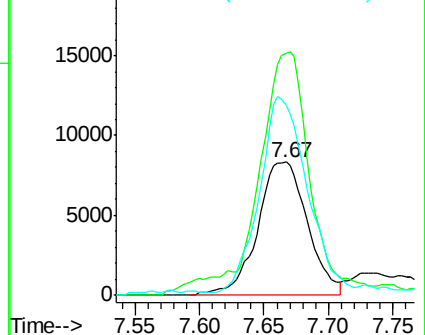
84 139.4 74.6 111.8#



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



#32

1,1,1-Trichloroethane

Concen: 2.087 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

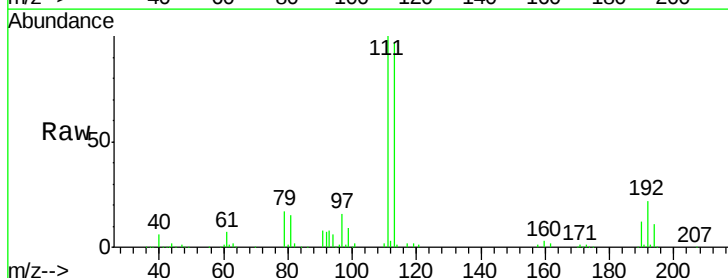
Tgt Ion: 97 Resp: 48782

Ion Ratio Lower Upper

97 100

99 64.9 51.5 77.3

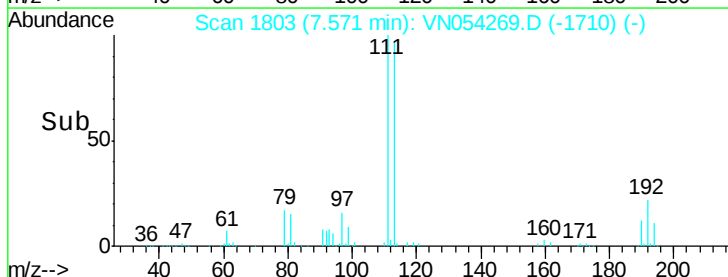
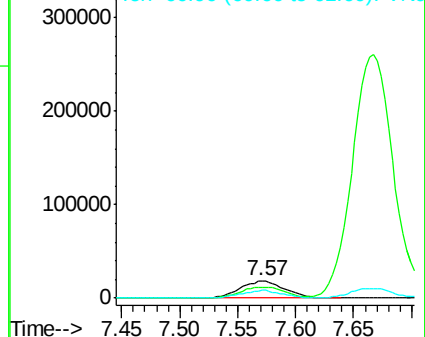
61 42.0 33.6 50.4

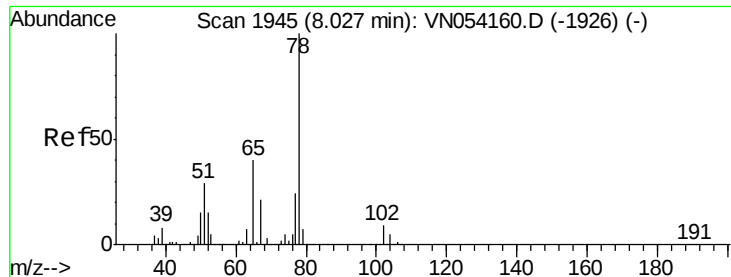


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

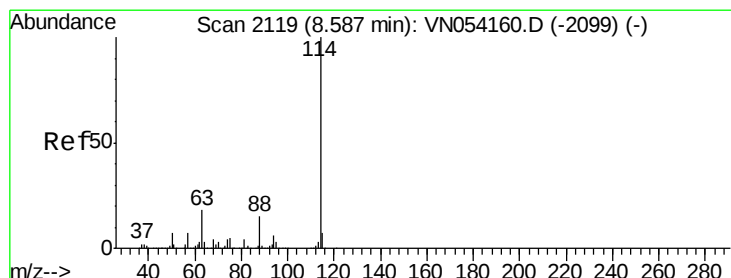
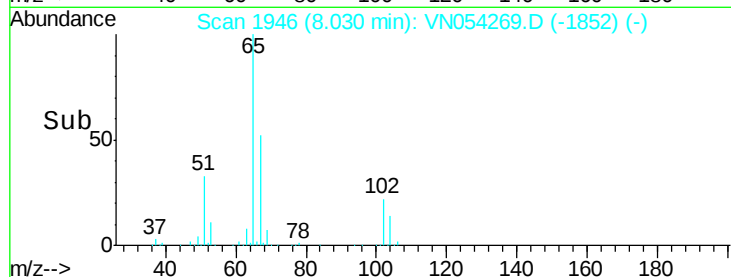
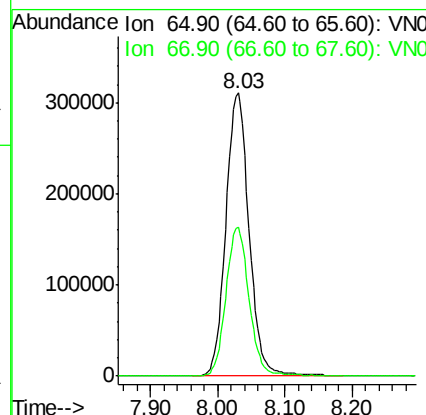
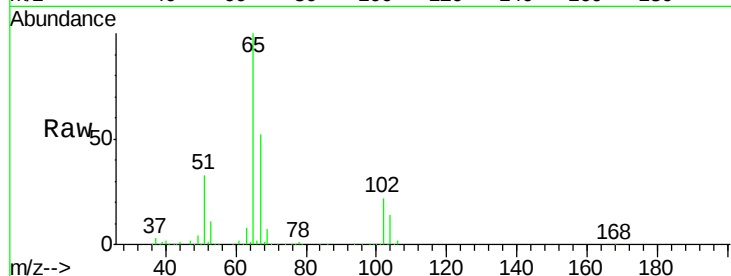




#33
 1,2-Dichloroethane-d4
 Concen: 48.608 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054269.D
 Acq: 14 Mar 2019 18:31

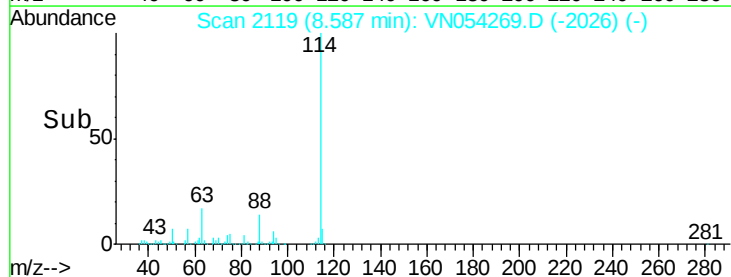
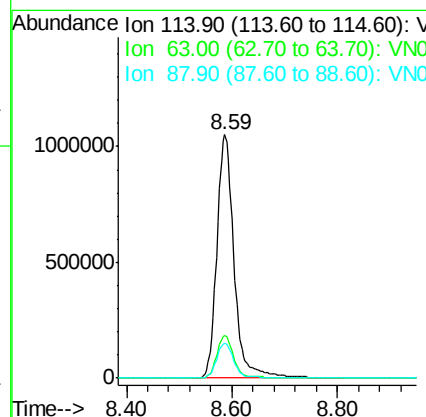
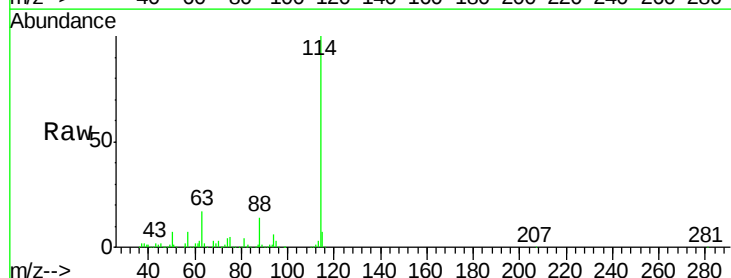
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

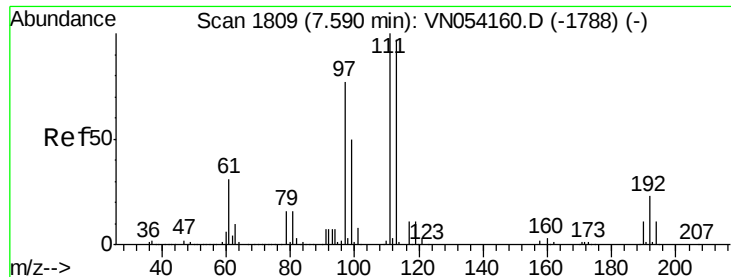
Tot Ion: 65 Resp: 749647
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054269.D
 Acq: 14 Mar 2019 18:31

Tgt Ion: 114 Resp: 2377532
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.2
 88 14.2 0.0 30.2

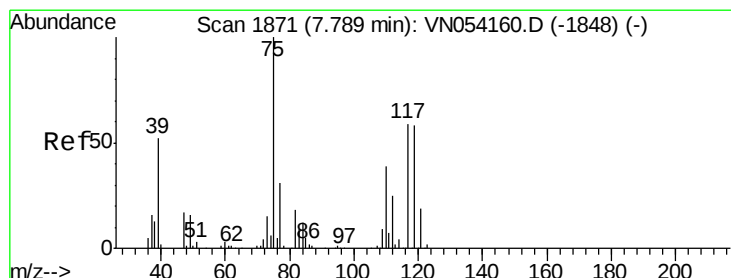
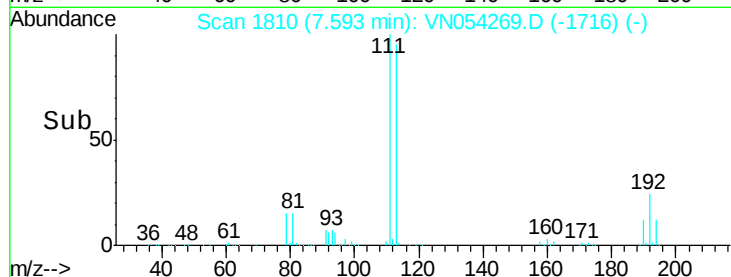
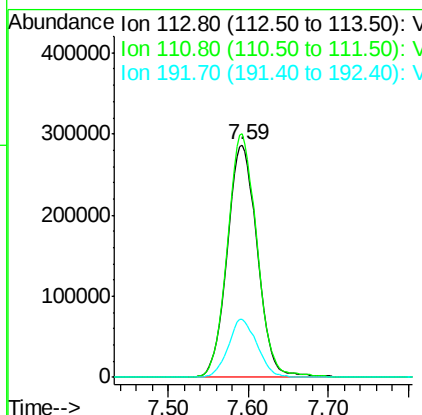
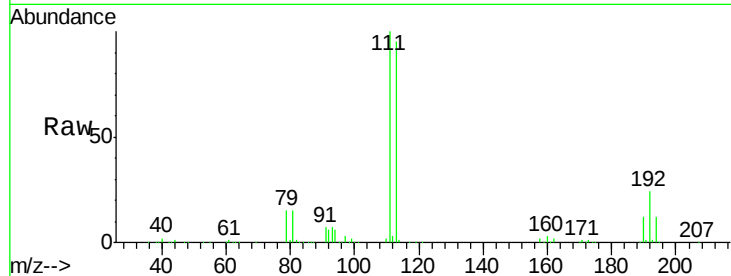




#35
 Dibromofluoromethane
 Concen: 47.675 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054269.D
 Acq: 14 Mar 2019 18:31

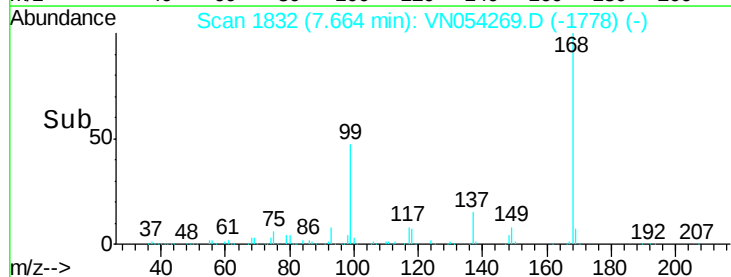
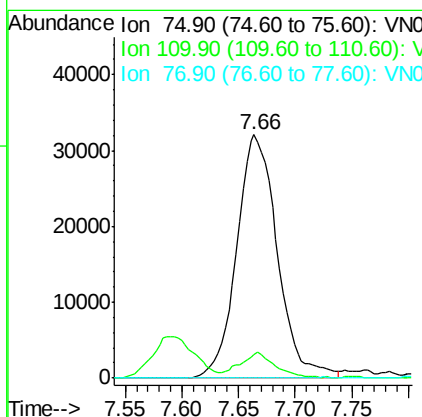
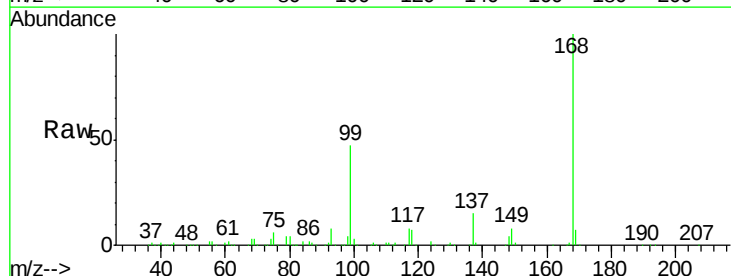
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

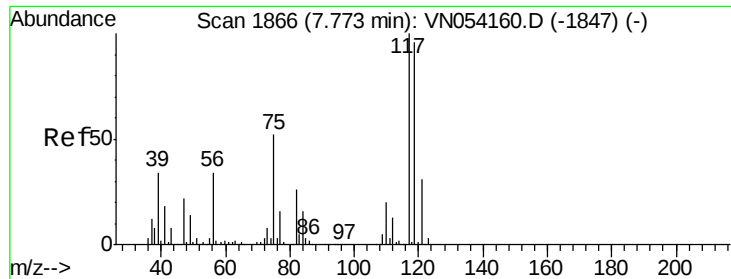
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	24.2	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 3.666 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054269.D
 Acq: 14 Mar 2019 18:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	19.1	57.5#
77	0.0	25.0	37.4#

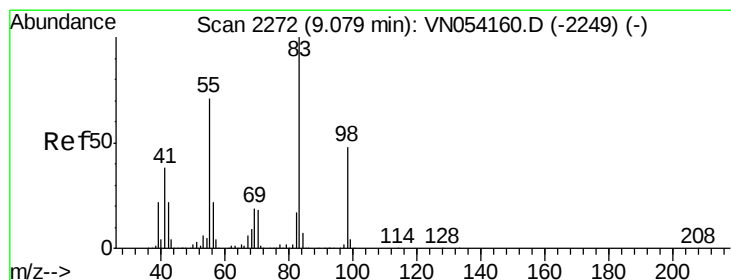
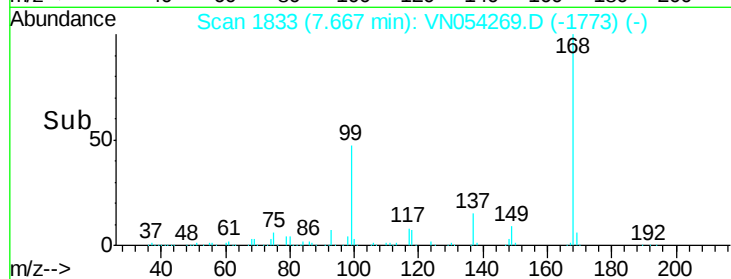
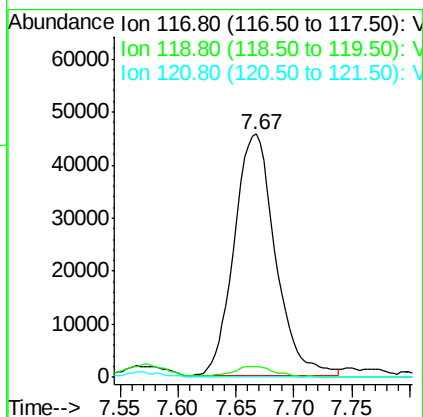
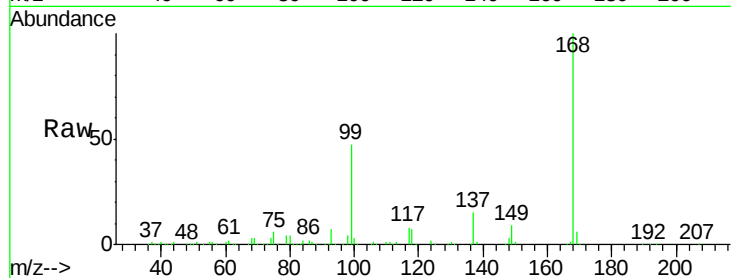




#38
Carbon Tetrachloride
Concen: 4.892 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054269.D
Acq: 14 Mar 2019 18:31

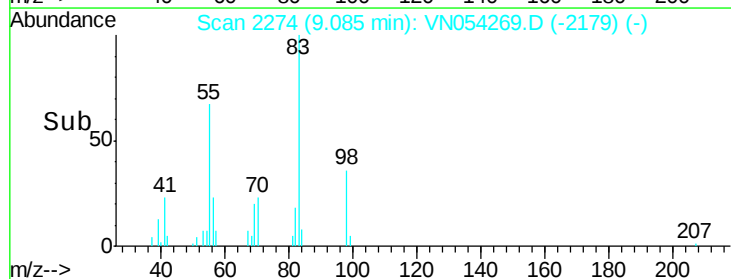
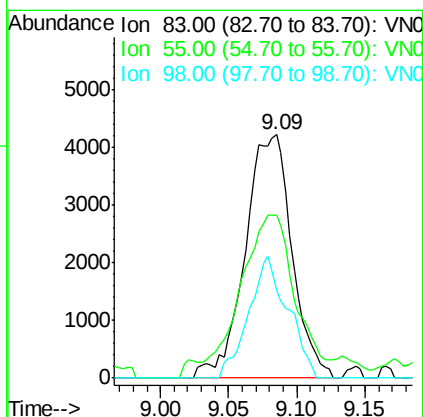
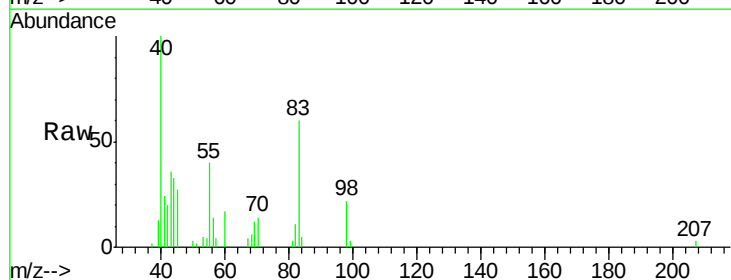
Instrument :
MSVOA_N
ClientSampled :
MW-2

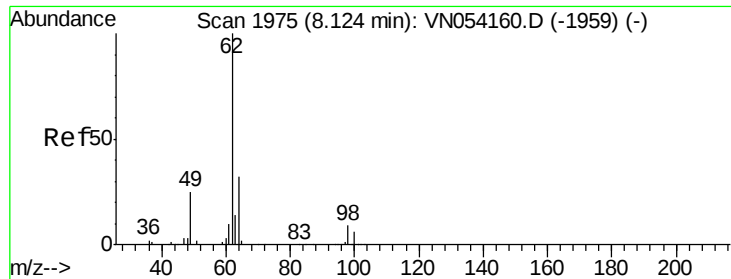
Tot Ion:117 Resp: 112322
Ion Ratio Lower Upper
117 100
119 4.3 76.3 114.5#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 0.373 ug/l
RT: 9.09 min Scan# 2274
Delta R.T. 0.01 min
Lab File: VN054269.D
Acq: 14 Mar 2019 18:31

Tgt Ion: 83 Resp: 10049
Ion Ratio Lower Upper
83 100
55 59.0 56.6 84.8
98 36.1 38.4 57.6#





#42

1,2-Dichloroethane

Concen: 1.376 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

Instrument :

MSVOA_N

ClientSampled :

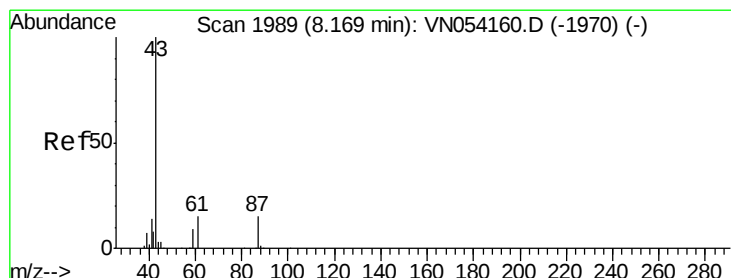
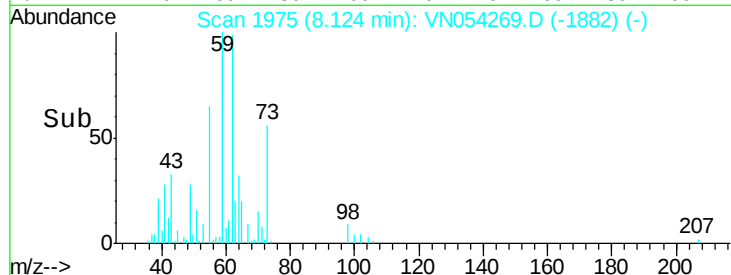
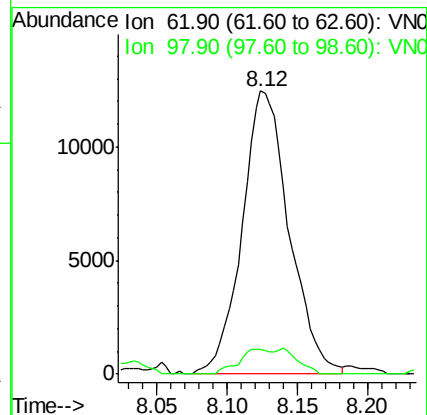
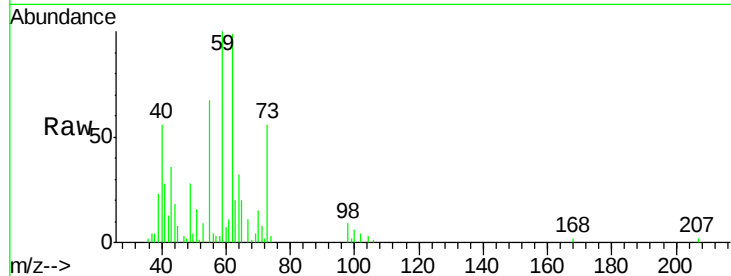
MW-2

Tot Ion: 62 Resp: 29105

Ion Ratio Lower Upper

62 100

98 6.4 0.0 18.4



#43

Isopropyl Acetate

Concen: 1.394 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.03 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

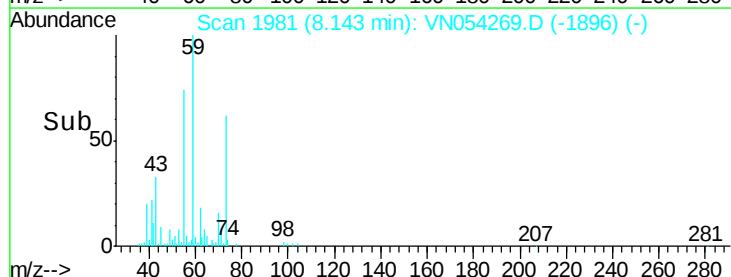
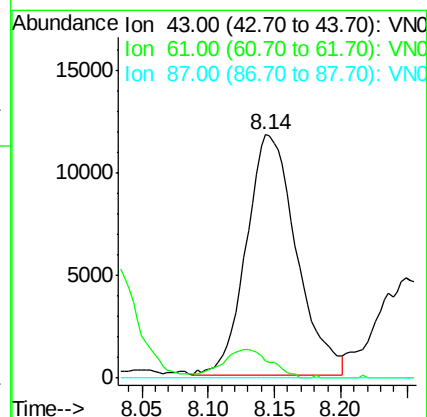
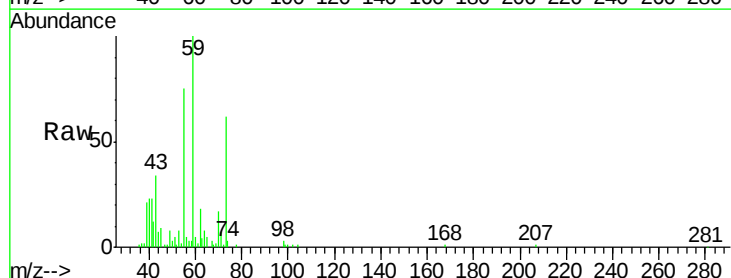
Tgt Ion: 43 Resp: 30779

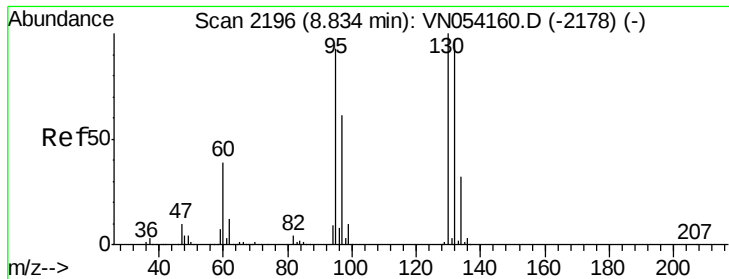
Ion Ratio Lower Upper

43 100

61 11.5 15.8 23.8#

87 0.0 12.0 18.0#





#44

Trichloroethene

Concen: 0.539 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

Instrument :

MSVOA_N

ClientSampled :

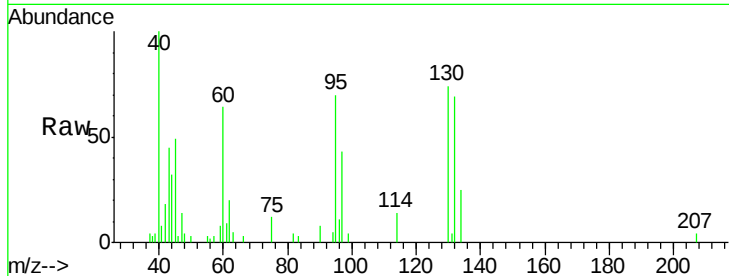
MW-2

Tot Ion:130 Resp: 10496

Ion Ratio Lower Upper

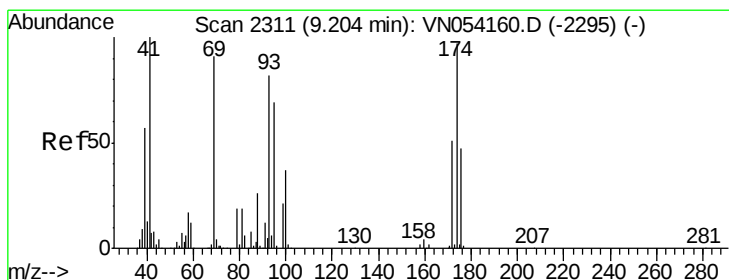
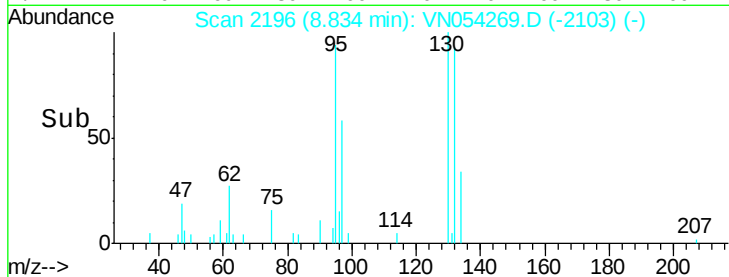
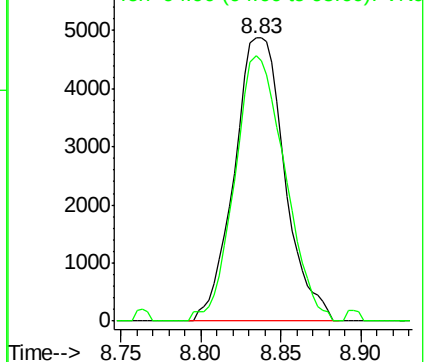
130 100

95 94.0 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#49

1,4-Dioxane

Concen: 547.862 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

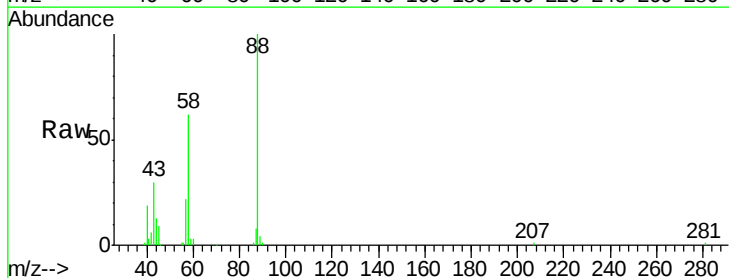
Tgt Ion: 88 Resp: 86844

Ion Ratio Lower Upper

88 100

43 23.4 24.1 36.1#

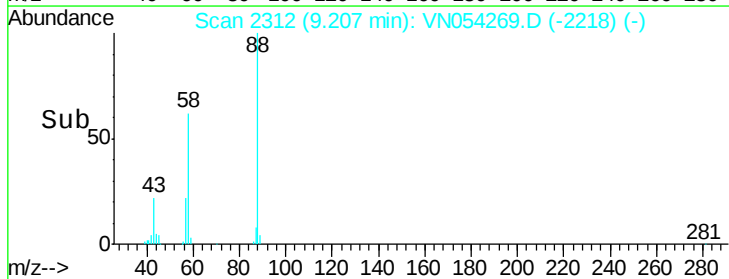
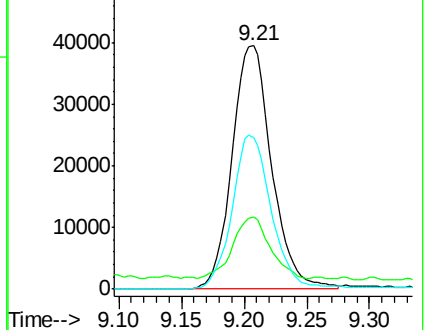
58 61.9 50.8 76.2

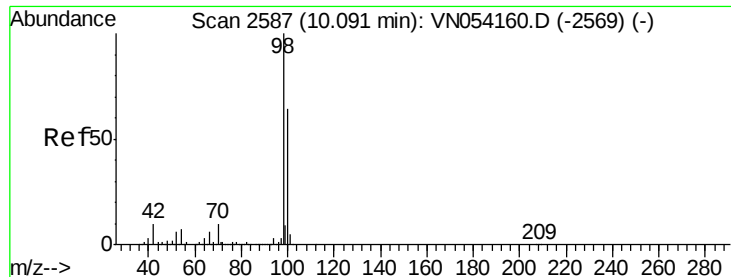


Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 51.439 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

Instrument :

MSVOA_N

ClientSampled :

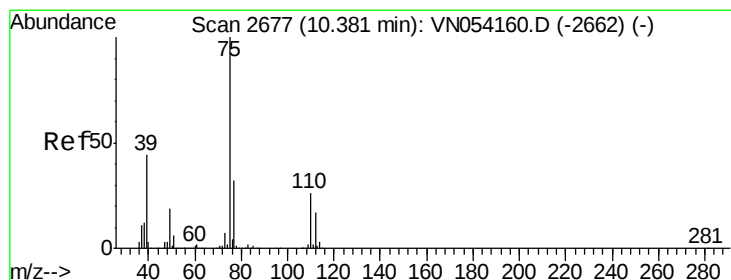
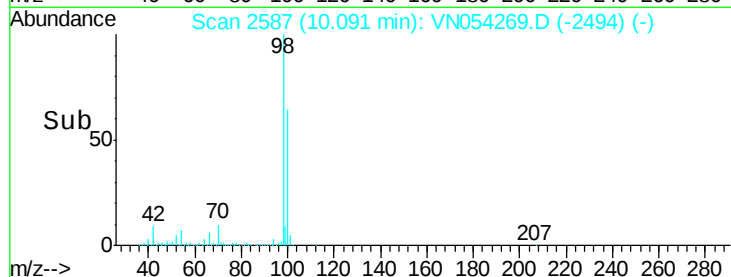
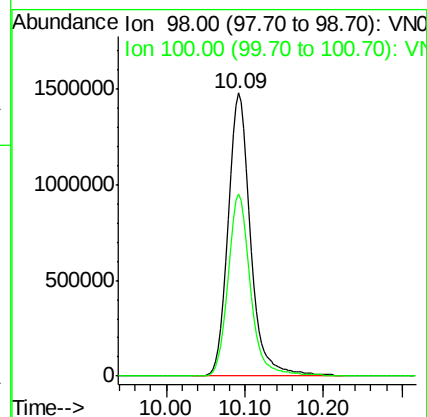
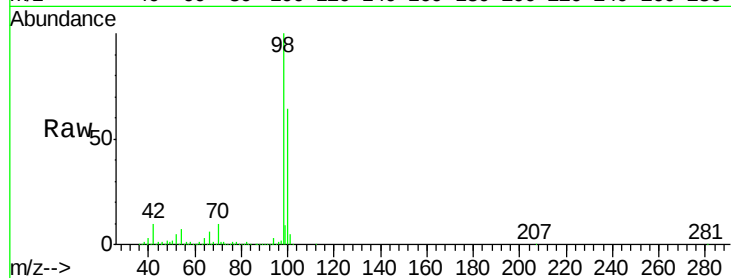
MW-2

Tot Ion: 98 Resp: 2913021

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



#53

t-1,3-Dichloropropene

Concen: 1.991 ug/l

RT: 10.39 min Scan# 2680

Delta R.T. 0.01 min

Lab File: VN054269.D

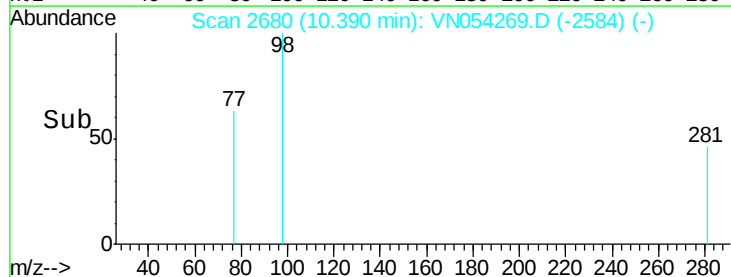
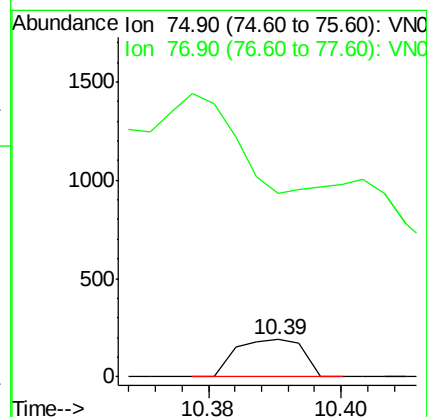
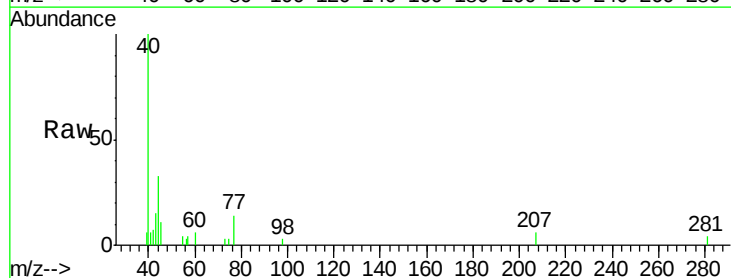
Acq: 14 Mar 2019 18:31

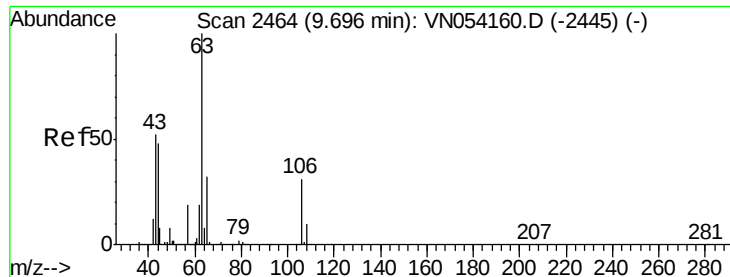
Tgt Ion: 75 Resp: 133

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#





#58

2-Chloroethyl Vinyl ether

Concen: 16.864 ug/l

RT: 9.78 min Scan# 2490

Delta R.T. 0.08 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

Instrument :

MSVOA_N

ClientSampleId :

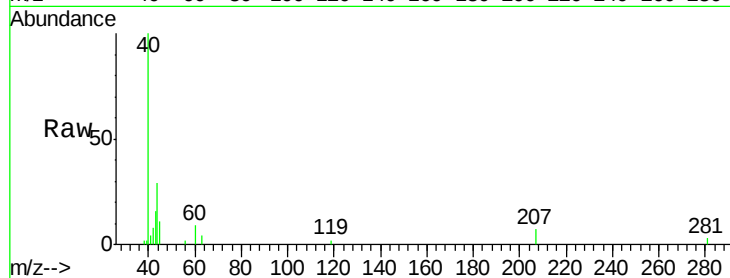
MW-2

Tot Ion: 63 Resp: 291

Ion Ratio Lower Upper

63 100

106 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.78

250

200

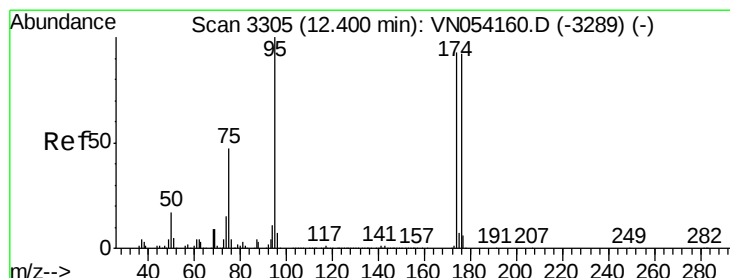
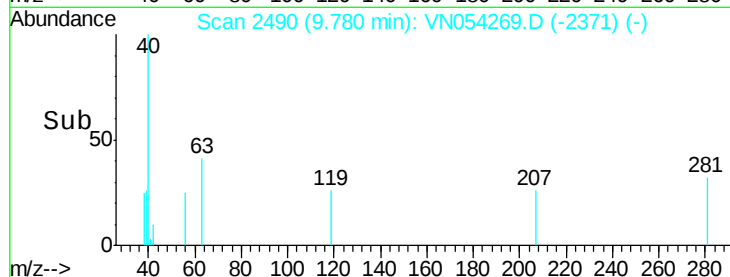
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.050 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

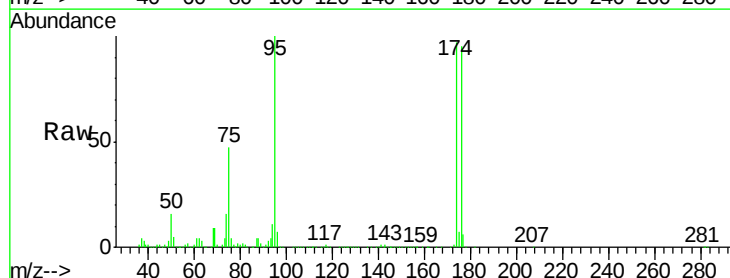
Tgt Ion: 95 Resp: 1090823

Ion Ratio Lower Upper

95 100

174 98.5 0.0 191.0

176 96.5 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

800000

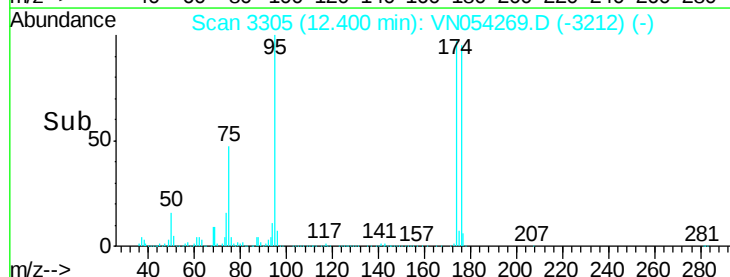
600000

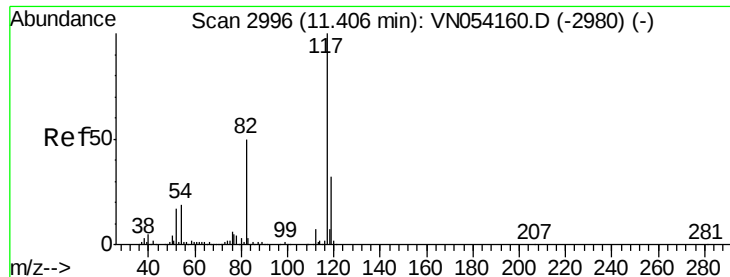
400000

200000

0

Time-->

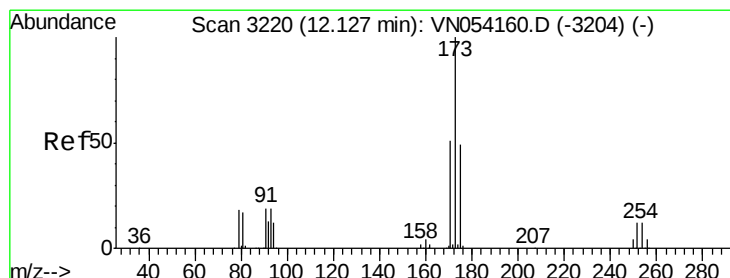
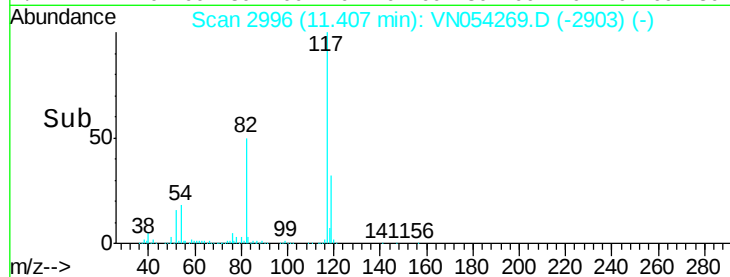
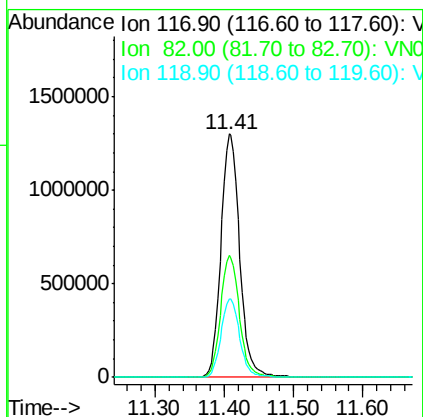
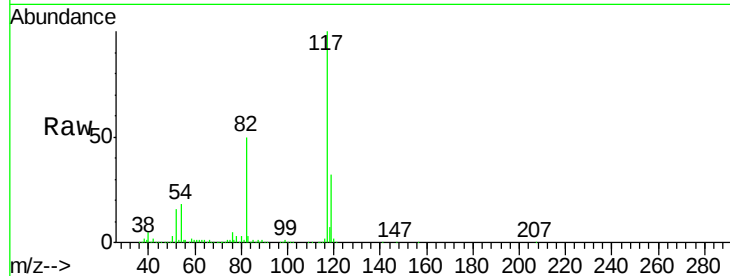




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054269.D
Acq: 14 Mar 2019 18:31

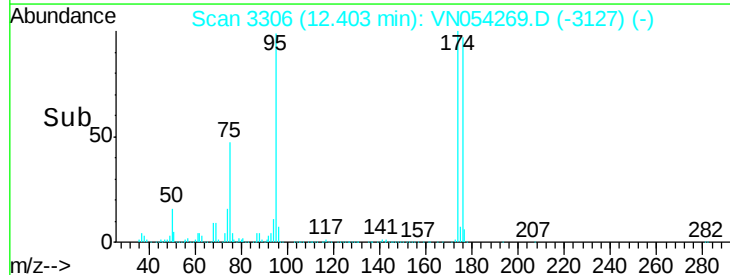
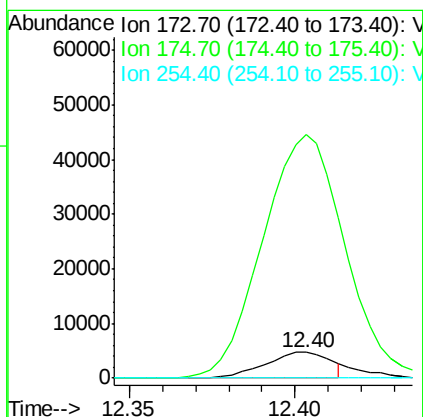
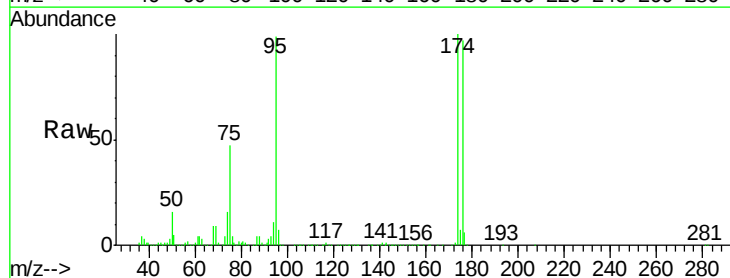
Instrument :
MSVOA_N
ClientSampleId :
MW-2

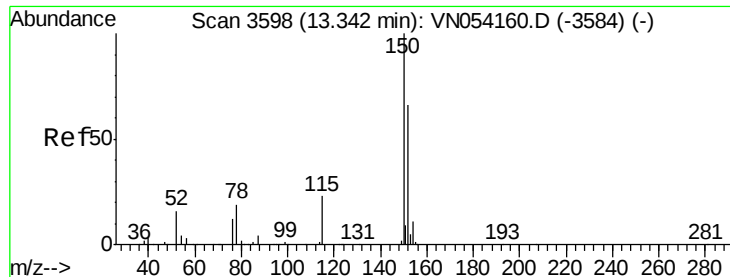
Tot Ion:117 Resp: 2443891
Ion Ratio Lower Upper
117 100
82 50.2 40.0 60.0
119 32.3 25.8 38.6



#71
Bromoform
Concen: 2.768 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054269.D
Acq: 14 Mar 2019 18:31

Tgt Ion:173 Resp: 6506
Ion Ratio Lower Upper
173 100
175 1005.7 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: VN054269.D

Acq: 14 Mar 2019 18:31

Instrument :

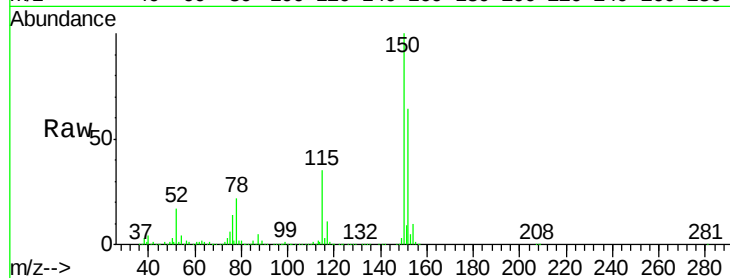
MSVOA_N

ClientSampled :

MW-2

Tot Ion:152 Resp: 1016247

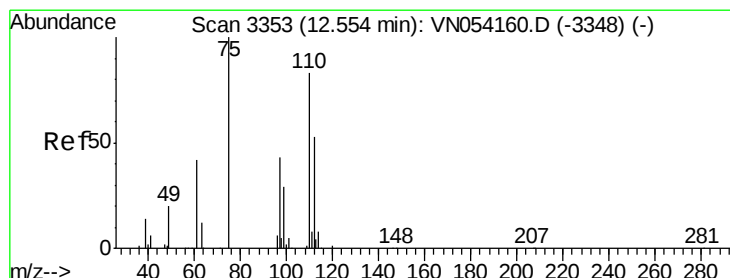
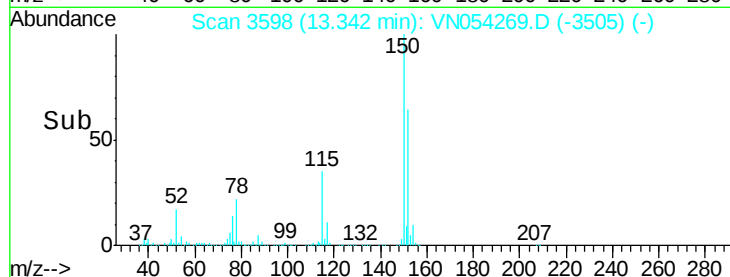
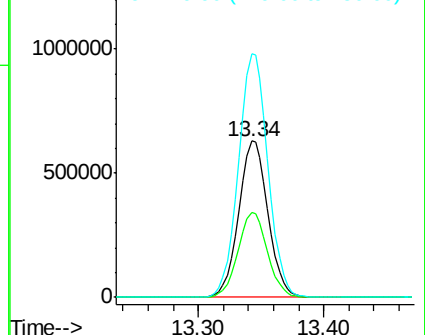
Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.2	81.6
150	157.2	0.0	349.2



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



#76

1,2,3-Trichloropropane

Concen: 34.351 ug/l

RT: 12.40 min Scan# 3305

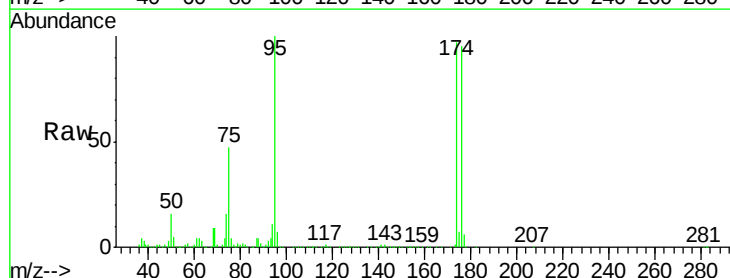
Delta R.T. -0.15 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

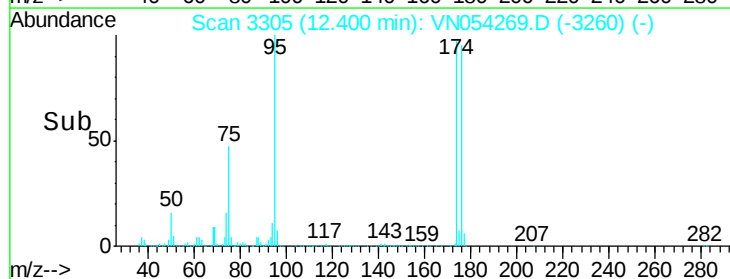
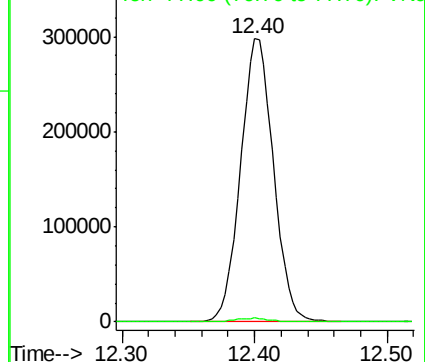
Tgt Ion: 75 Resp: 513350

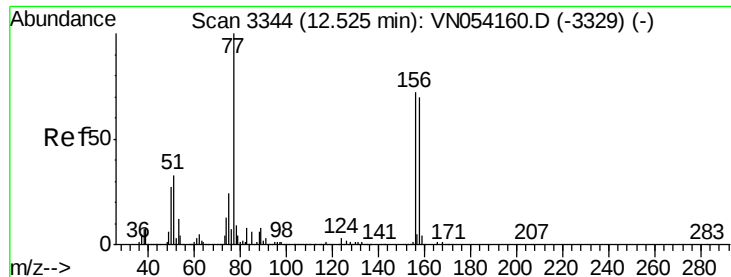
Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#77

Bromobenzene

Concen: 0.675 ug/l

RT: 12.54 min Scan# 3349

Delta R.T. 0.02 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

Instrument :

MSVOA_N

ClientSampled :

MW-2

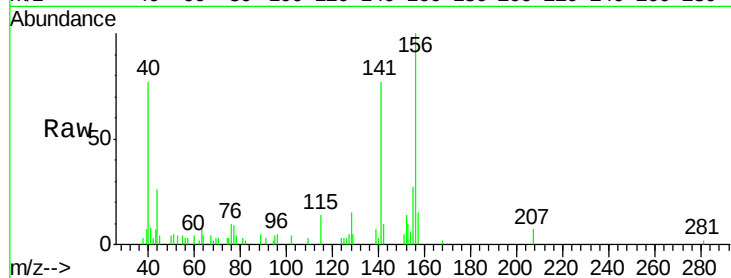
Tot Ion:156 Resp: 14525

Ion Ratio Lower Upper

156 100

77 7.9 81.5 244.4#

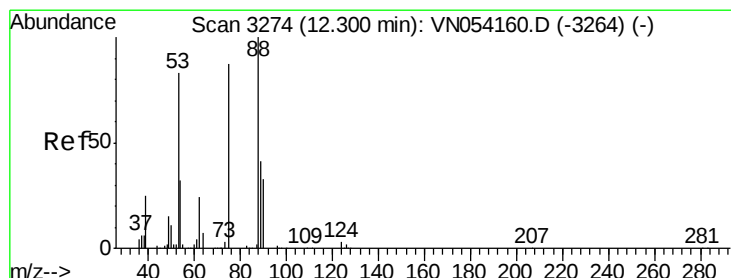
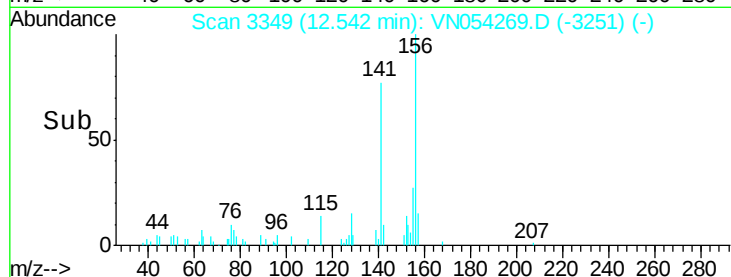
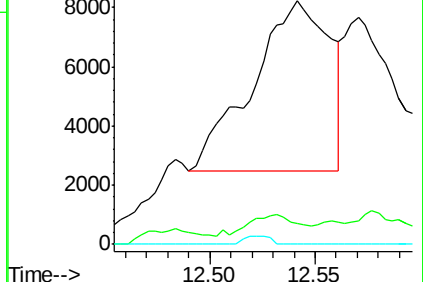
158 1.7 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 117.426 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

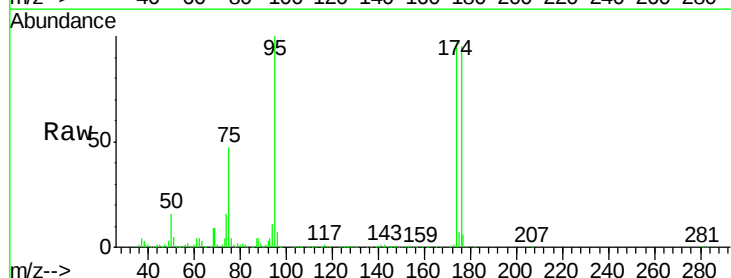
Tgt Ion: 75 Resp: 513350

Ion Ratio Lower Upper

75 100

53 1.0 76.2 114.2#

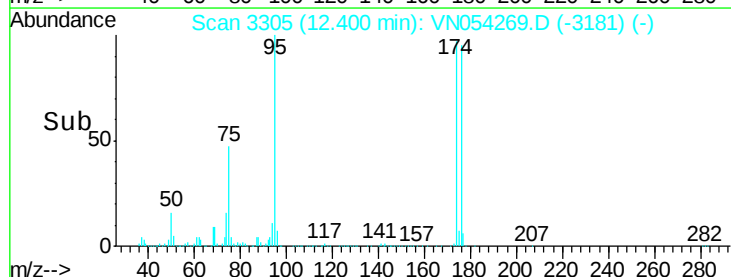
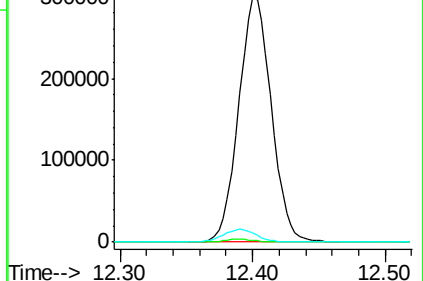
89 5.4 39.2 58.8#

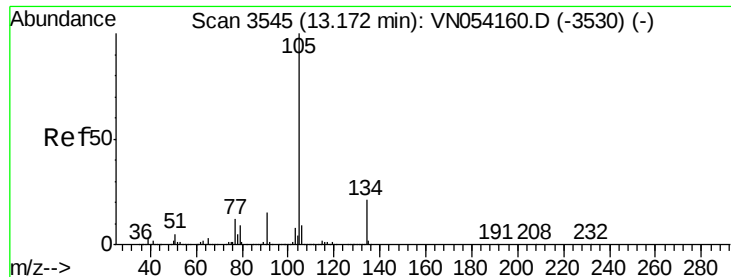


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#85

sec-Butylbenzene

Concen: 0.262 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

Instrument :

MSVOA_N

ClientSampled :

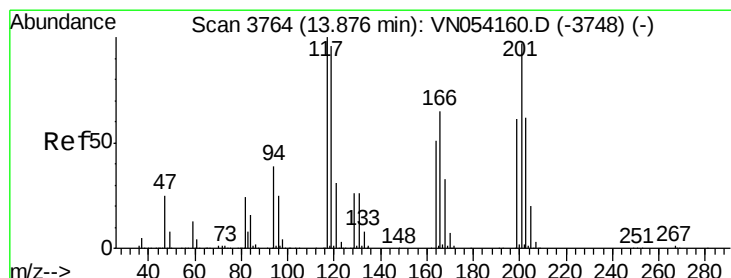
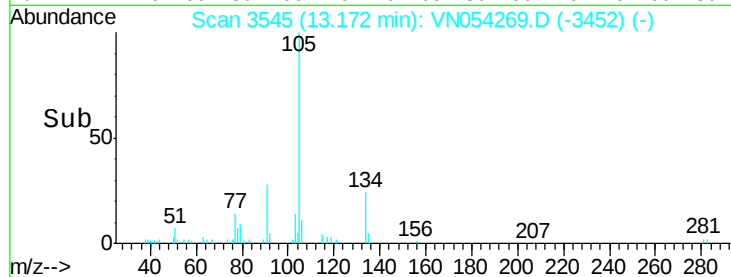
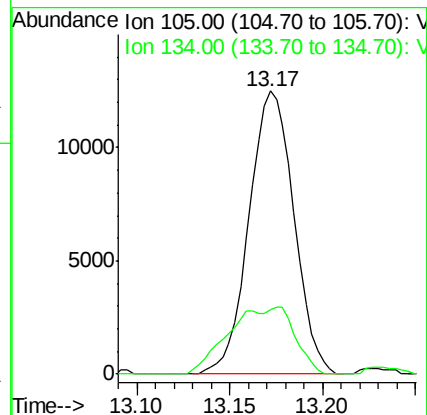
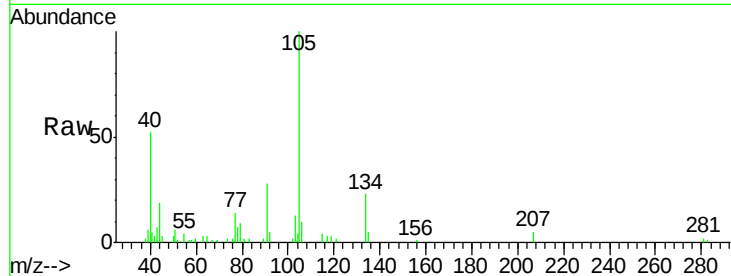
MW-2

Tot Ion:105 Resp: 21127

Ion Ratio Lower Upper

105 100

134 20.6 10.7 32.1



#90

Hexachloroethane

Concen: 0.223 ug/l

RT: 13.95 min Scan# 3786

Delta R.T. 0.07 min

Lab File: VN054269.D

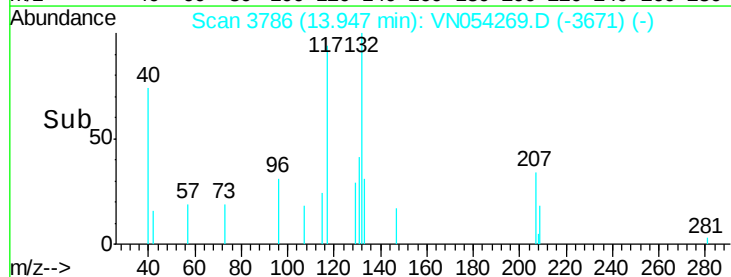
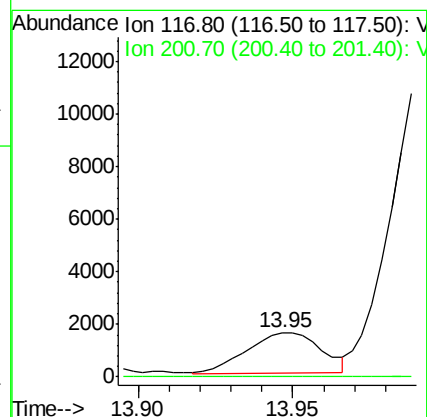
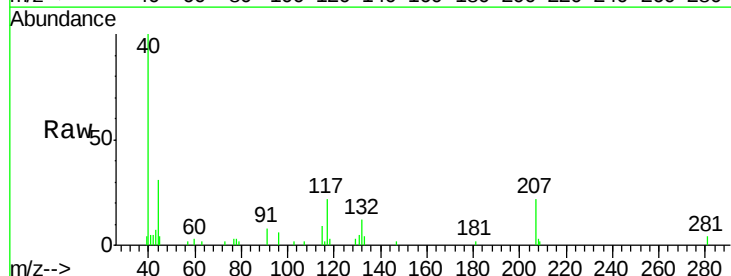
Acq: 14 Mar 2019 18:31

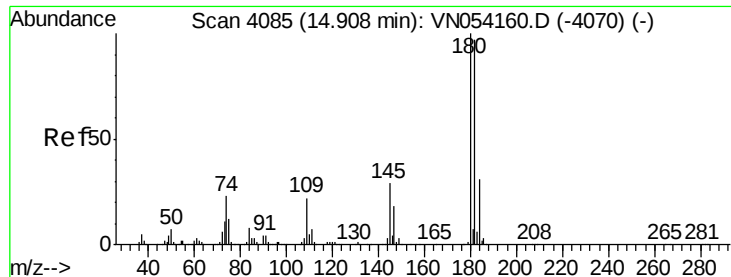
Tgt Ion:117 Resp: 2616

Ion Ratio Lower Upper

117 100

201 0.0 48.1 144.4#





#93

1,2,4-Trichlorobenzene

Concen: 2.545 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

Instrument :

MSVOA_N

ClientSampled :

MW-2

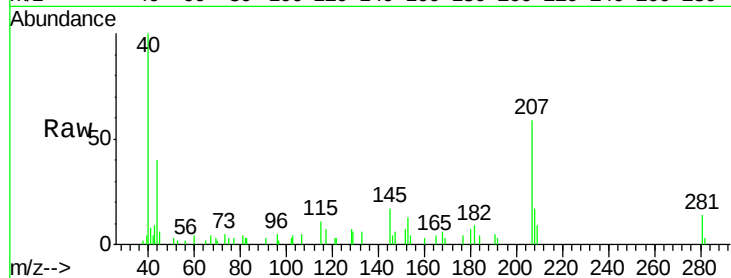
Tot Ion:180 Resp: 638

Ion Ratio Lower Upper

180 100

182 141.4 48.0 144.2

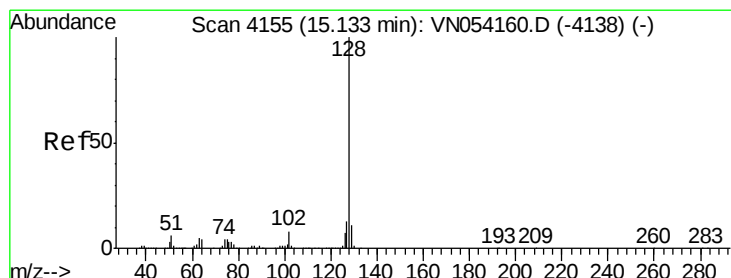
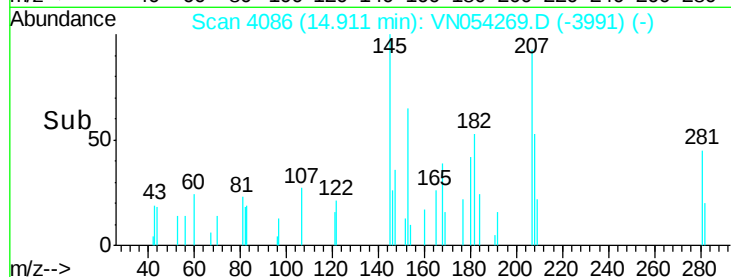
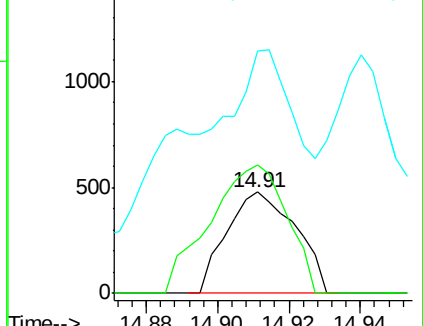
145 171.3 14.2 42.8#



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: 7.481 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054269.D

Acq: 14 Mar 2019 18:31

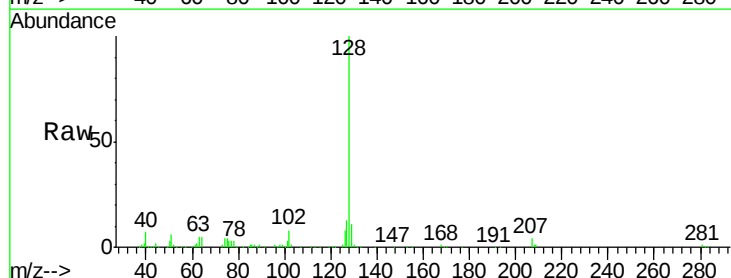
Tgt Ion:128 Resp: 192104

Ion Ratio Lower Upper

128 100

127 13.6 10.1 15.1

129 11.5 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

