

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031419\
 Data File : VN054287.D
 Acq On : 15 Mar 2019 3:38
 Operator : JC/SP
 Sample : K1897-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Mar 15 07:01:40 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	1305954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2240541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2313984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	961528	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	727323	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
35) Dibromofluoromethane	7.59	113	686607	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
50) Toluene-d8	10.09	98	2748899	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.40	95	1028743	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	

Target Compounds

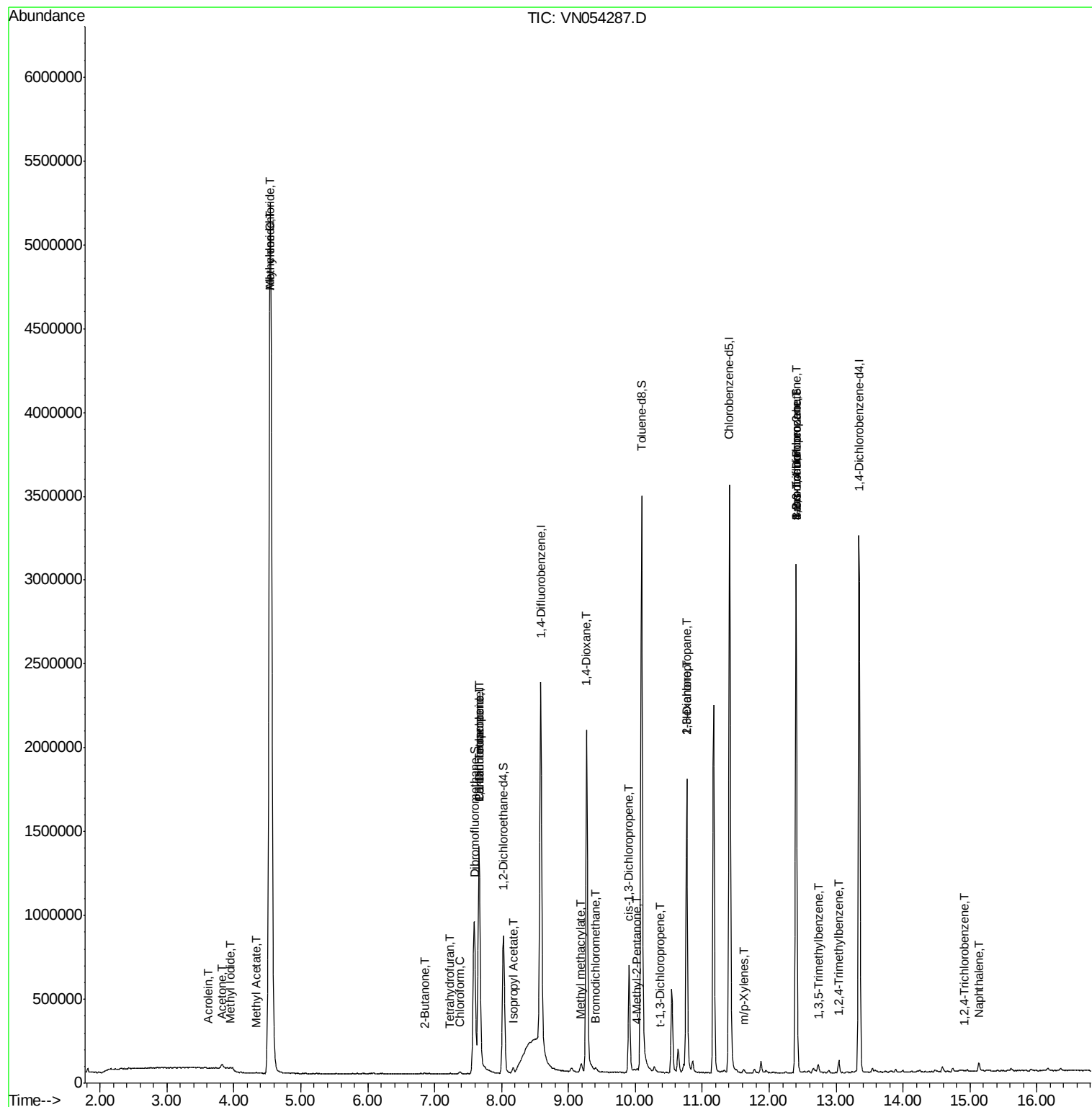
						Qvalue
10) Methyl Iodide	3.94	142	500	1.522	ug/l #	45
13) Acrolein	3.62	56	233	0.259	ug/l #	79
14) Allyl chloride	4.55	41	115307	6.624	ug/l #	22
16) Acetone	3.82	43	35449	8.927	ug/l	96
18) Methyl Acetate	4.33	43	7871	0.980	ug/l	98
20) Methylene Chloride	4.55	84	4160619	319.084	ug/l	98
25) 2-Butanone	6.86	43	1909	0.410	ug/l	99
29) Tetrahydrofuran	7.22	42	755	0.252	ug/l #	33
30) Chloroform	7.37	83	10098	0.434	ug/l	86
31) Cyclohexane	7.66	56	19270	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	74868	3.628	ug/l #	48
38) Carbon Tetrachloride	7.66	117	104144	4.813	ug/l #	15
43) Isopropyl Acetate	8.17	43	38927	1.871	ug/l	96
47) Bromodichloromethane	9.40	83	4162	0.210	ug/l	92
48) Methyl methacrylate	9.18	41	15164	1.436	ug/l #	11
49) 1,4-Dioxane	9.26	88	156	1.044	ug/l #	27
51) 4-Methyl-2-Pentanone	10.03	43	13242	1.202	ug/l #	36
53) t-1,3-Dichloropropene	10.37	75	142	1.992	ug/l #	42
54) cis-1,3-Dichloropropene	9.91	75	129661	5.603	ug/l #	61
57) 1,3-Dichloropropane	10.77	76	19559	0.875	ug/l #	43
59) 2-Hexanone	10.76	43	260065	35.490	ug/l #	50
68) m/p-Xylenes	11.62	106	7031	0.214	ug/l	93
71) Bromoform	12.40	173	6167	2.768	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	492128	34.805	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	23646	0.370	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	492128	118.978	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	43635	0.695	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	1018	2.564	ug/l #	80
95) Naphthalene	15.13	128	46055	4.486	ug/l	98

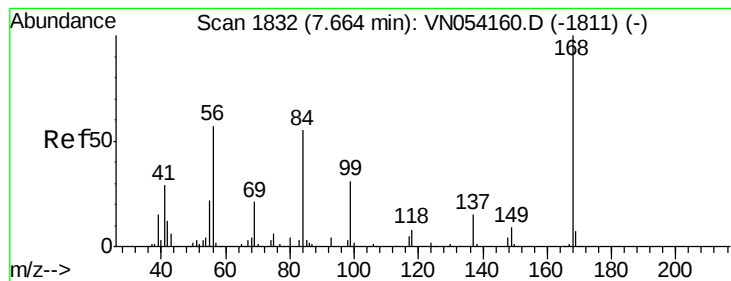
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054287.D

Acq: 15 Mar 2019 3:38

Instrument :

MSVOA_N

ClientSampleId :

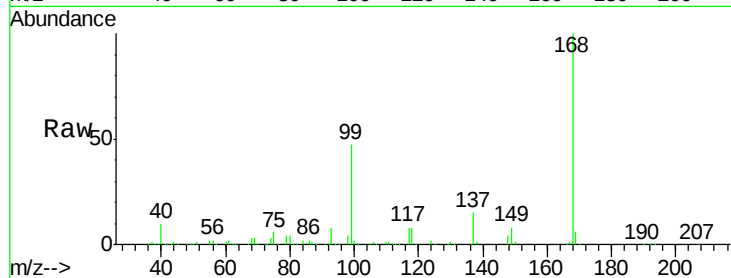
TP-1

Tot Ion:168 Resp: 1305954

Ion Ratio Lower Upper

168 100

99 47.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

200000

100000

0

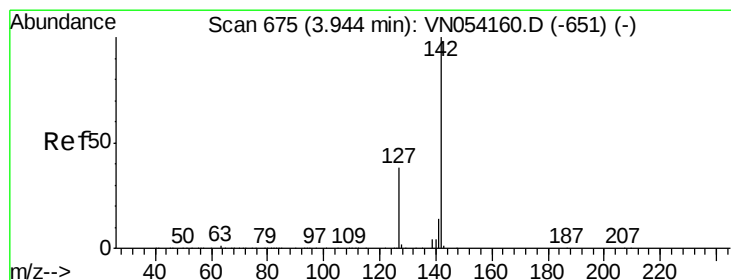
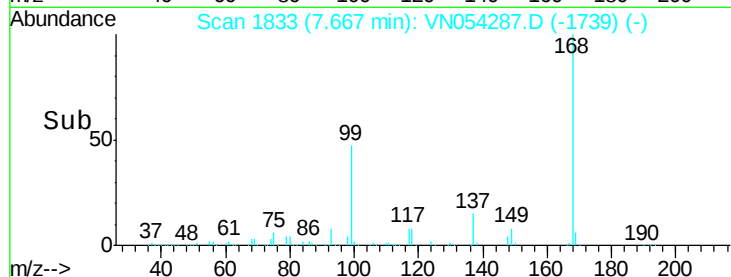
7.67

7.60

7.70

7.80

Time-->



#10

Methyl Iodide

Concen: 1.522 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

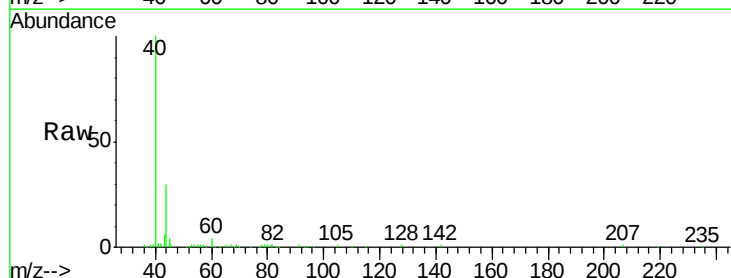
Tgt Ion:142 Resp: 500

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

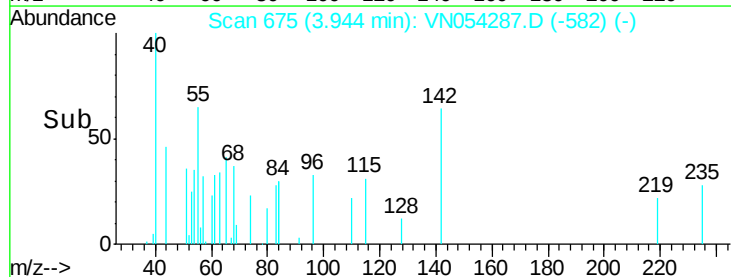
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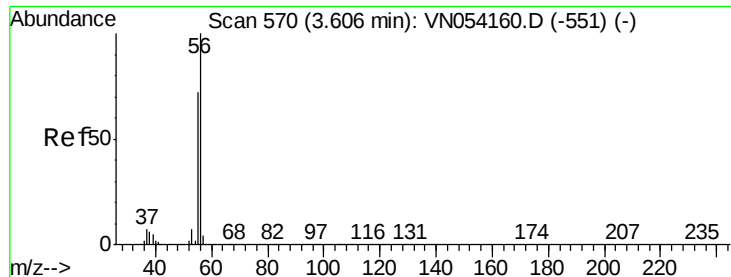
3.94

3.92

3.96

Time-->





#13

Acrolein

Concen: 0.259 ug/l

RT: 3.62 min Scan# 574

Delta R.T. 0.01 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

Instrument :

MSVOA_N

ClientSampled :

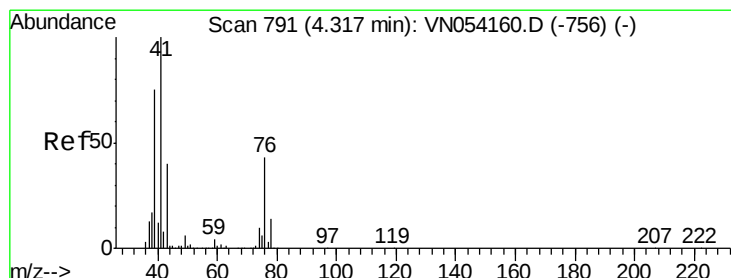
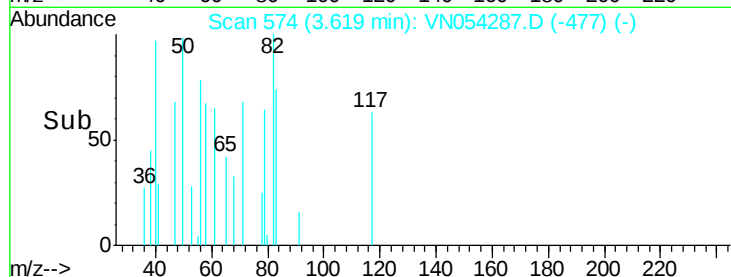
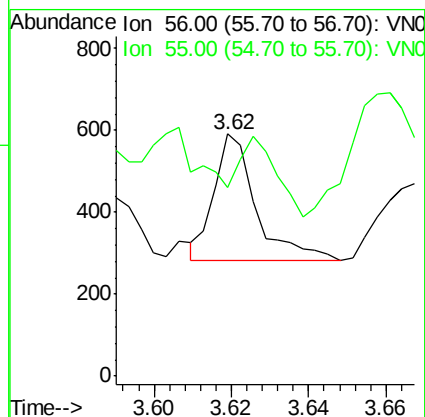
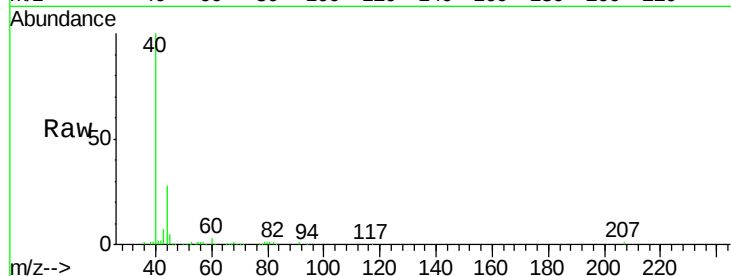
TP-1

Tot Ion: 56 Resp: 233

Ion Ratio Lower Upper

56 100

55 53.2 56.7 85.1#



#14

Allyl chloride

Concen: 6.624 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.23 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

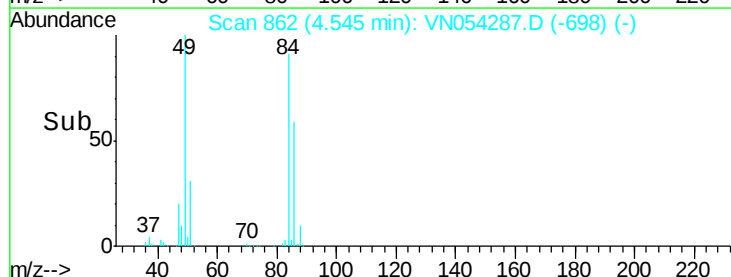
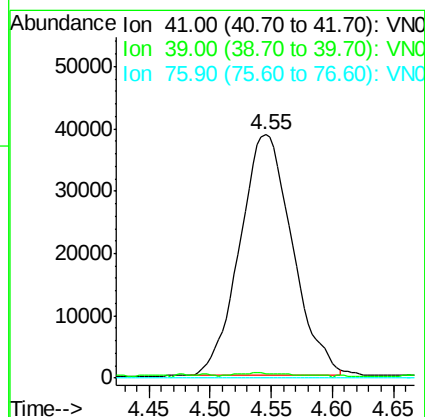
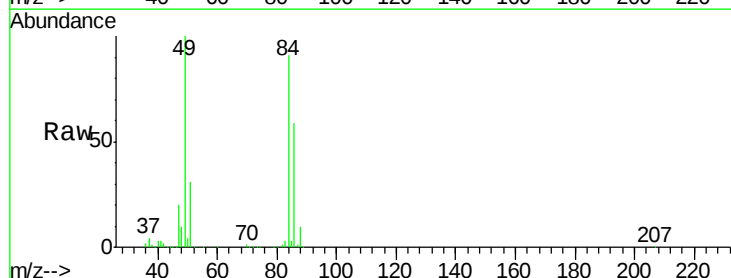
Tgt Ion: 41 Resp: 115307

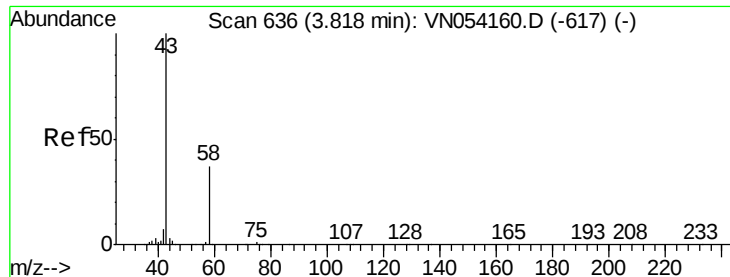
Ion Ratio Lower Upper

41 100

39 0.6 58.2 87.4#

76 0.0 31.7 47.5#





#16

Acetone

Concen: 8.927 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

Instrument :

MSVOA_N

ClientSampled :

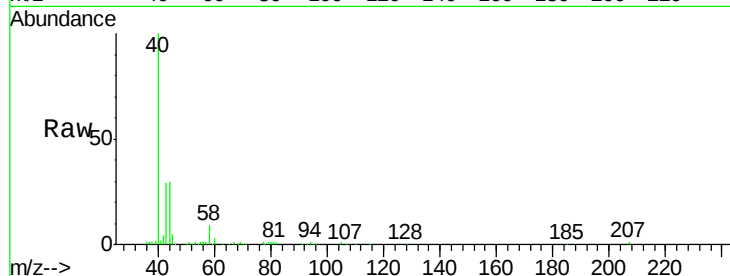
TP-1

Tot Ion: 43 Resp: 35449

Ion Ratio Lower Upper

43 100

58 35.2 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

15000

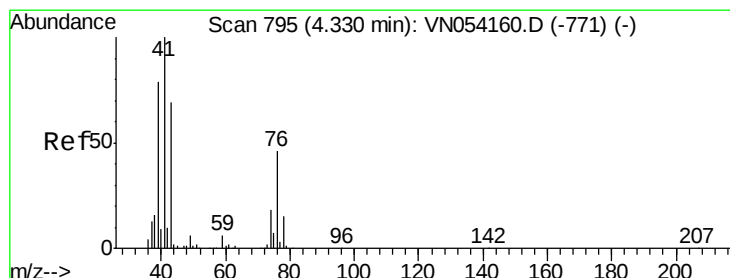
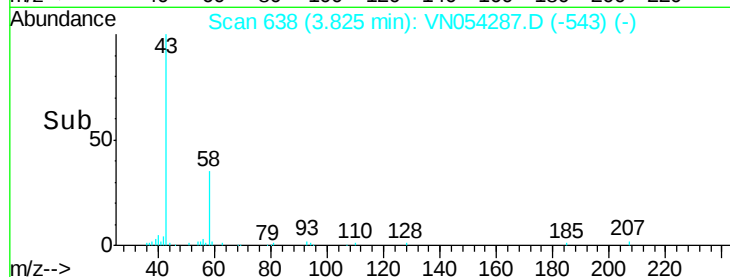
10000

5000

0

Time-->

3.75 3.80 3.85 3.90



#18

Methyl Acetate

Concen: 0.980 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN054287.D

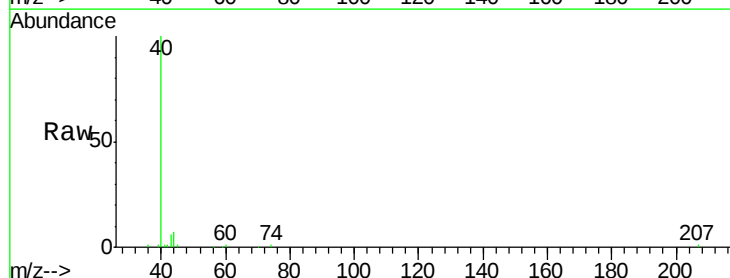
Acq: 15 Mar 2019 3:38

Tgt Ion: 43 Resp: 7871

Ion Ratio Lower Upper

43 100

74 25.1 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

3000

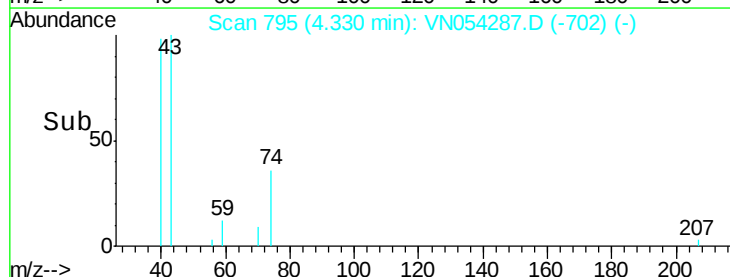
2000

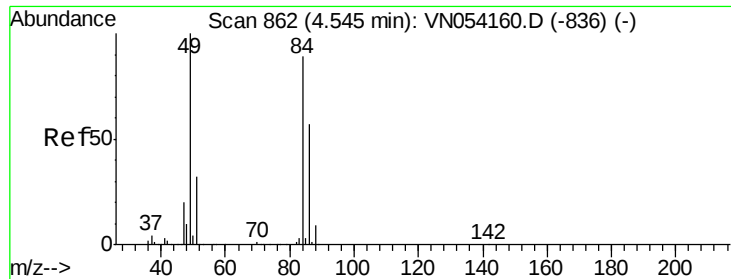
1000

0

Time-->

4.25 4.30 4.35 4.40



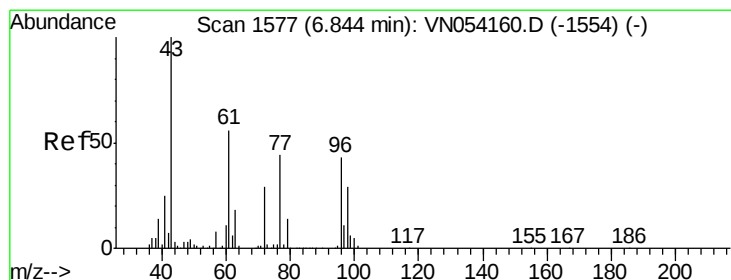
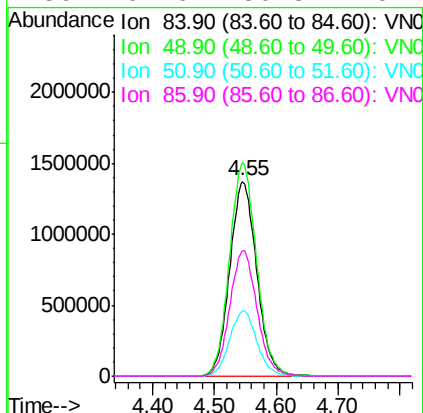
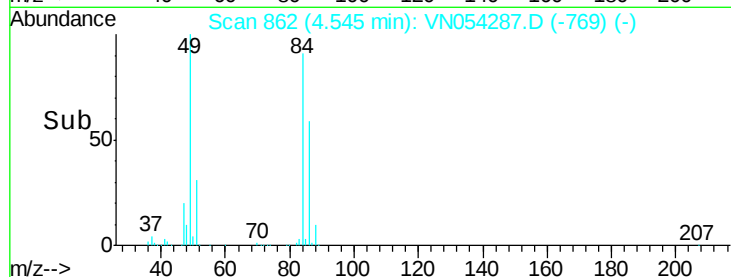
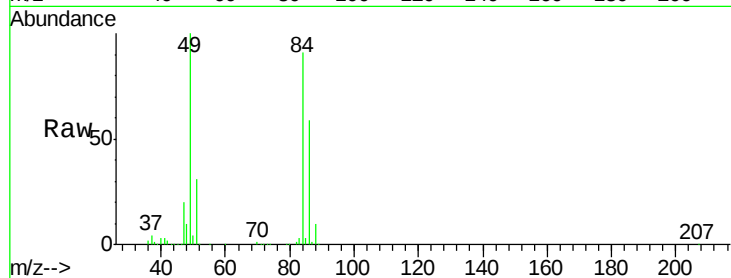


#20
Methvlene Chloride
Concen: 319.084 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054287.D
Acq: 15 Mar 2019 3:38

Instrument :
MSVOA_N
ClientSampled :
TP-1

Tot Ion: 84 Resp: 4160619

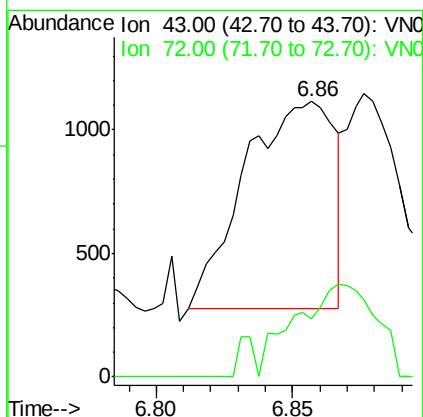
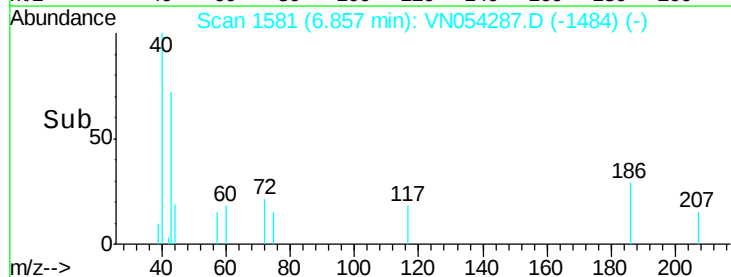
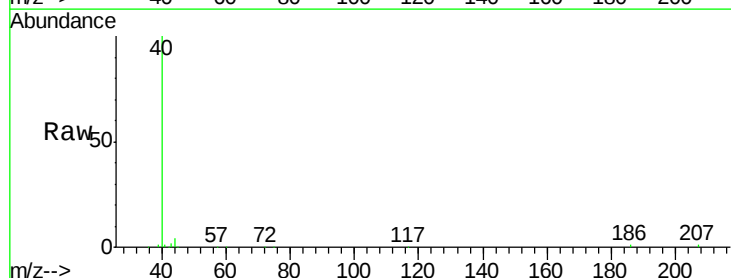
Ion	Ratio	Lower	Upper
84	100		
49	109.6	89.7	134.5
51	33.6	28.2	42.4
86	64.6	50.8	76.2

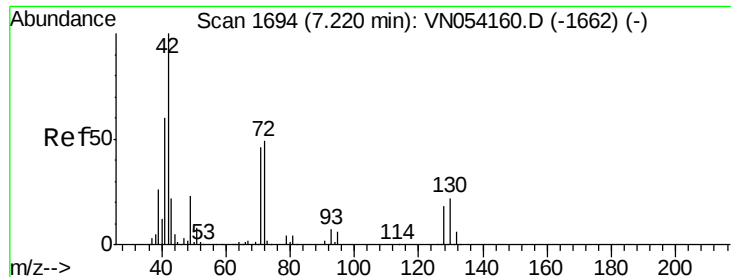


#25
2-Butanone
Concen: 0.410 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VN054287.D
Acq: 15 Mar 2019 3:38

Tgt Ion: 43 Resp: 1909

Ion	Ratio	Lower	Upper
43	100		
72	28.5	23.0	34.6

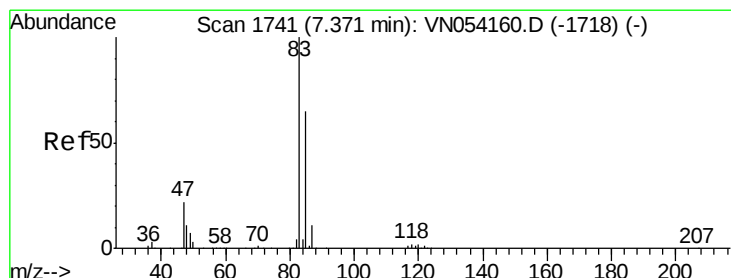
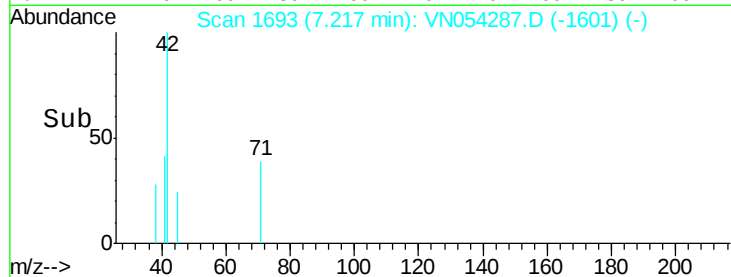
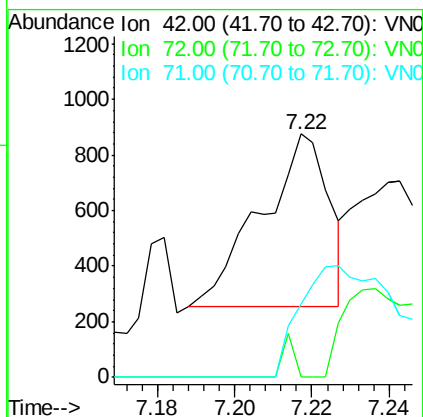
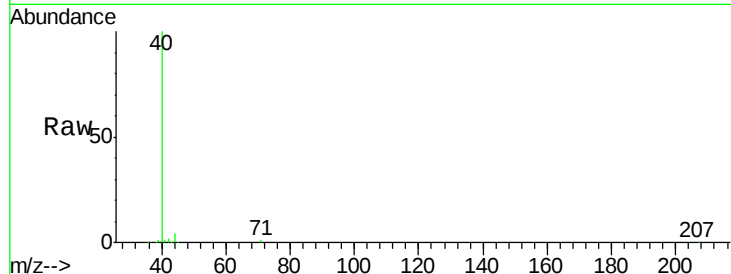




#29
Tetrahydrofuran
Concen: 0.252 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN054287.D
Acq: 15 Mar 2019 3:38

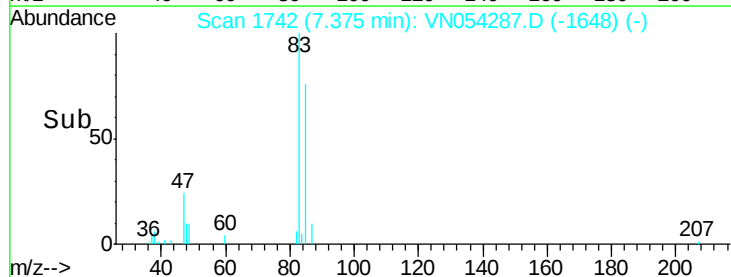
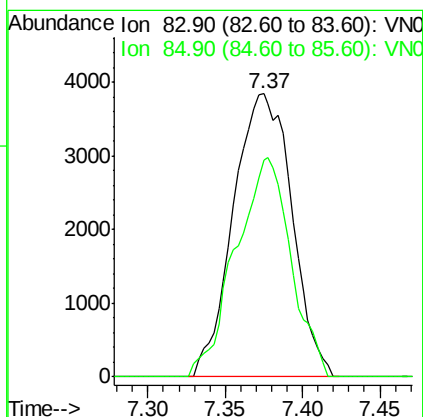
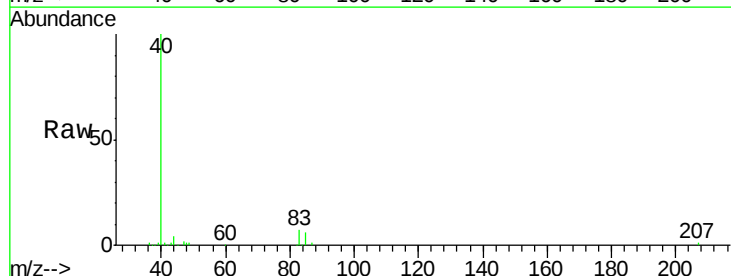
Instrument :
MSVOA_N
ClientSampleId :
TP-1

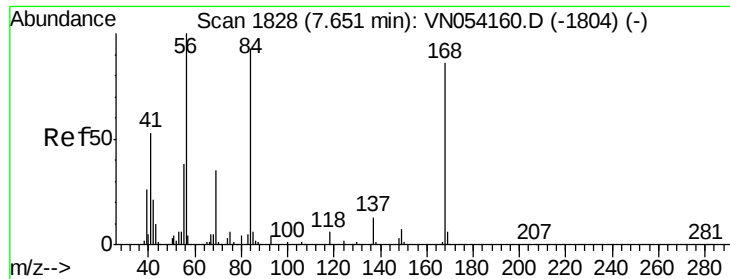
Tot Ion: 42 Resp: 755
Ion Ratio Lower Upper
42 100
72 4.0 37.8 56.6#
71 0.0 36.2 54.2#



#30
Chloroform
Concen: 0.434 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054287.D
Acq: 15 Mar 2019 3:38

Tgt Ion: 83 Resp: 10098
Ion Ratio Lower Upper
83 100
85 76.4 52.2 78.4

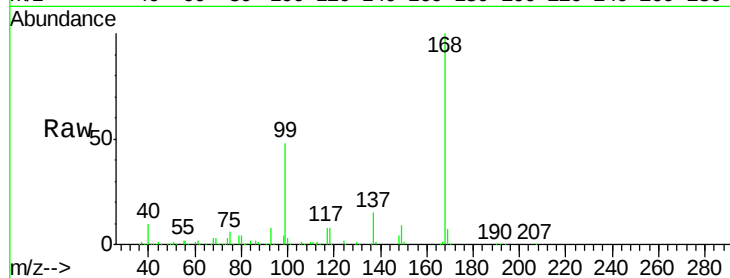




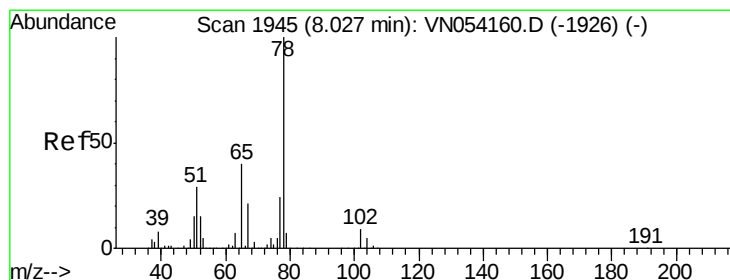
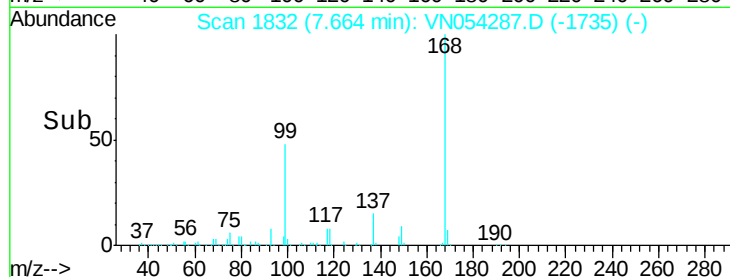
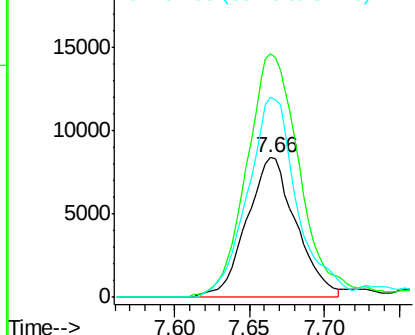
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054287.D
Acq: 15 Mar 2019 3:38

Instrument :
MSVOA_N
ClientSampled :
TP-1

Tot Ion: 56 Resp: 19270
Ion Ratio Lower Upper
56 100
69 174.1 27.8 41.6#
84 142.7 74.6 111.8#

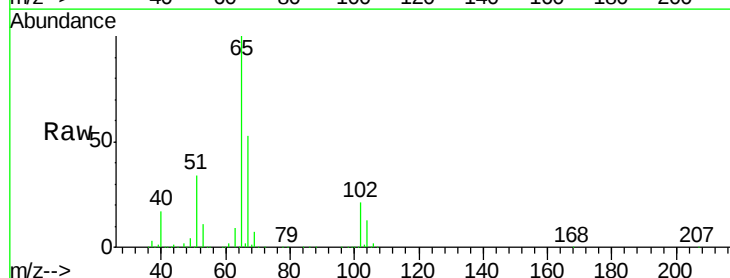


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

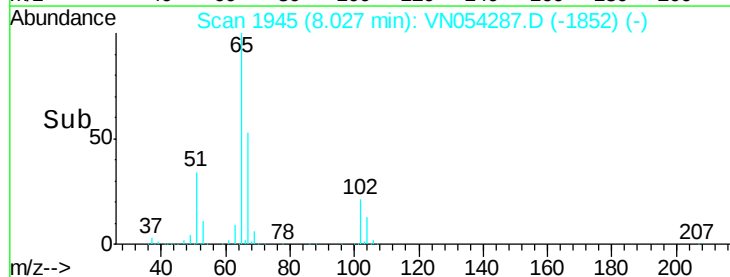
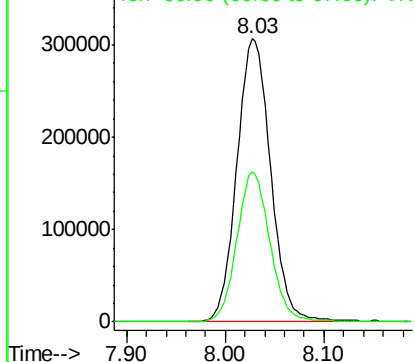


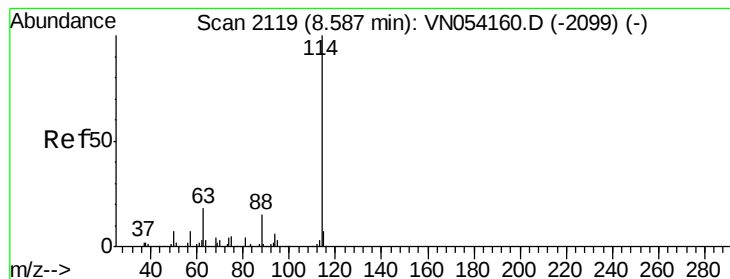
#33
1,2-Dichloroethane-d4
Concen: 52.441 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054287.D
Acq: 15 Mar 2019 3:38

Tgt Ion: 65 Resp: 727323
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

Instrument :

MSVOA_N

ClientSampled :

TP-1

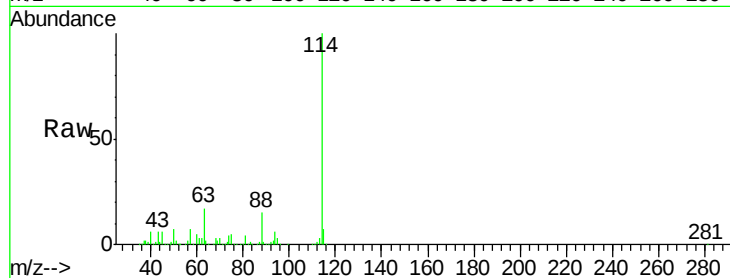
Tot Ion:114 Resp: 2240541

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.2

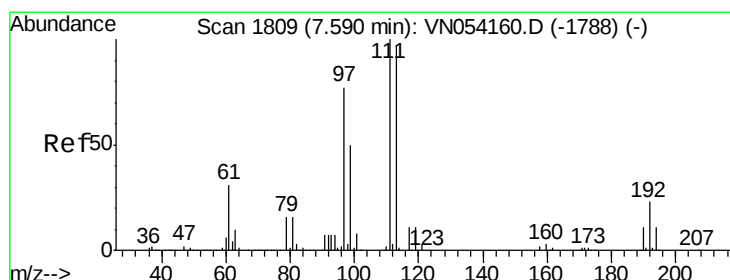
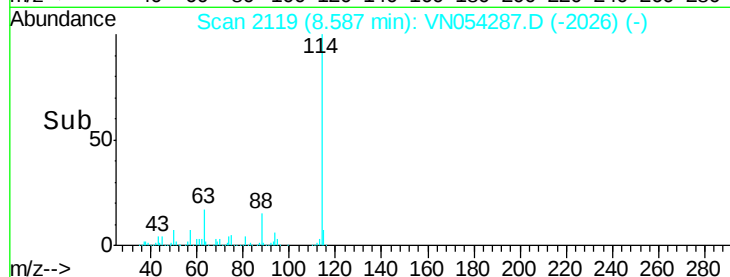
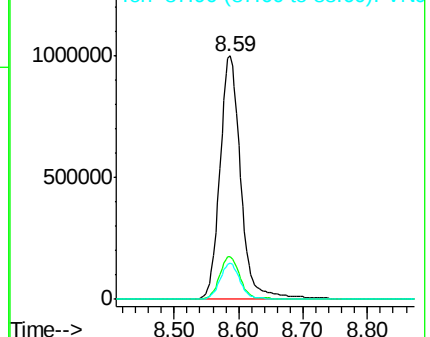
88 14.8 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.514 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

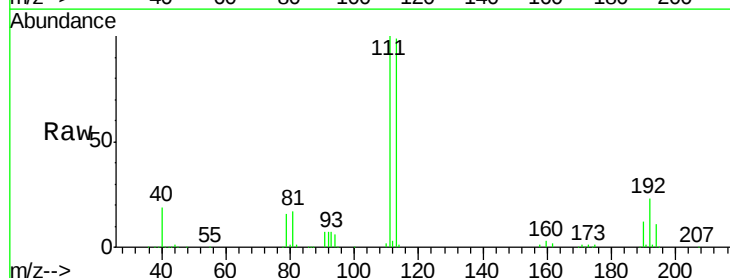
Tgt Ion:113 Resp: 686607

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

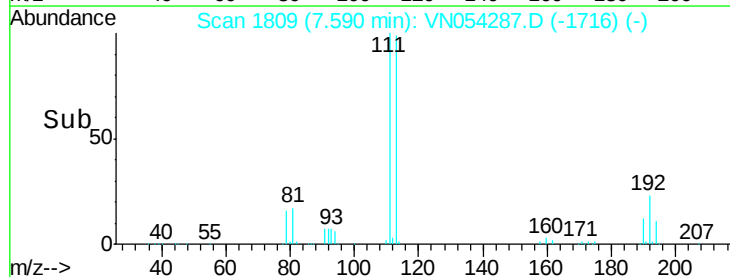
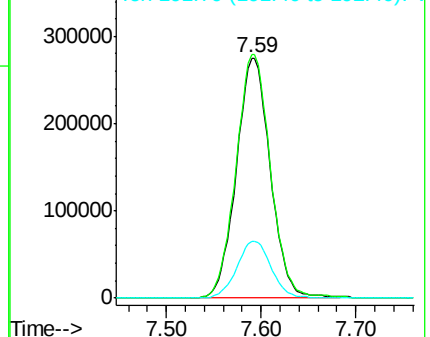
192 24.0 19.2 28.8

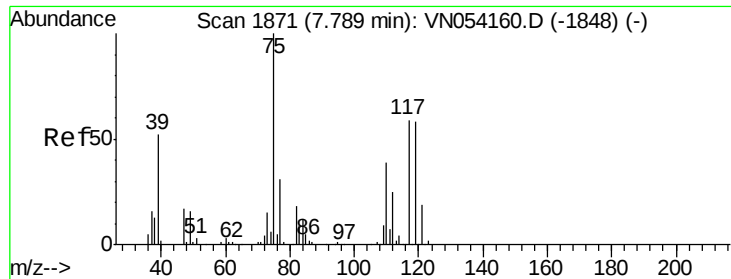


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

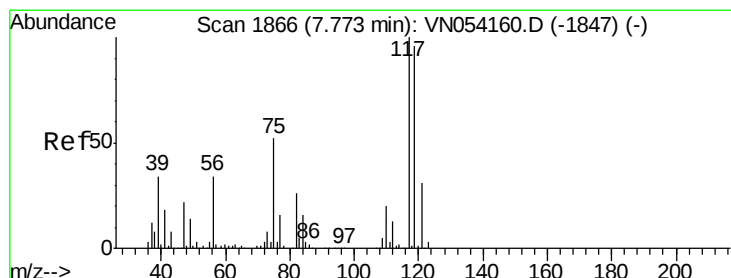
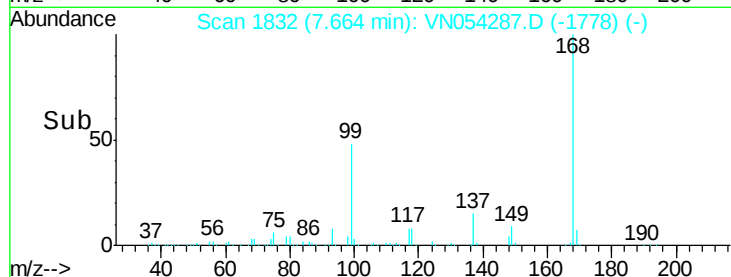
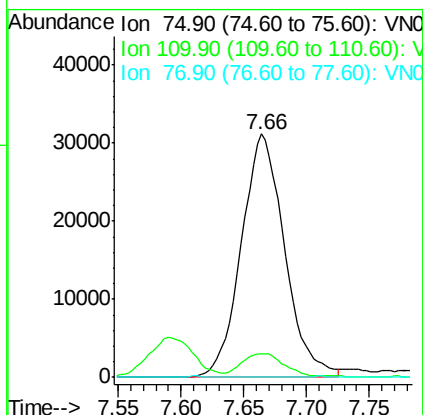
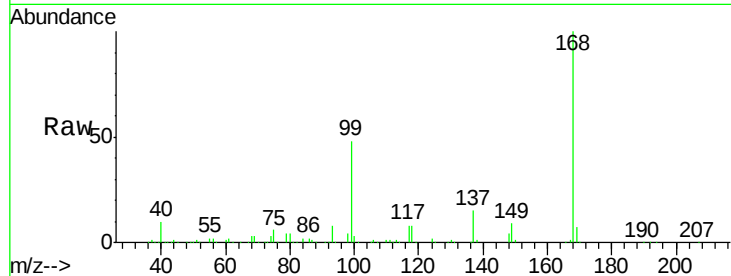




#36
 1,1-Dichloropropene
 Concen: 3.628 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054287.D
 Acq: 15 Mar 2019 3:38

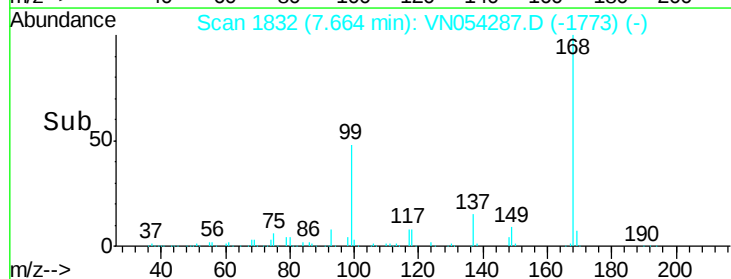
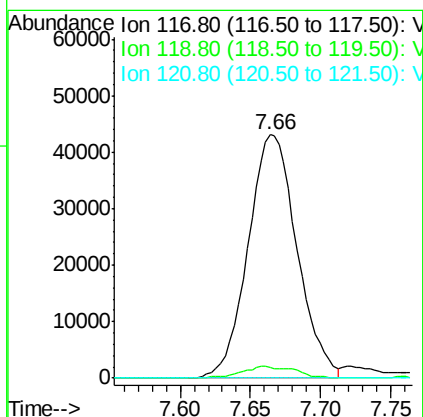
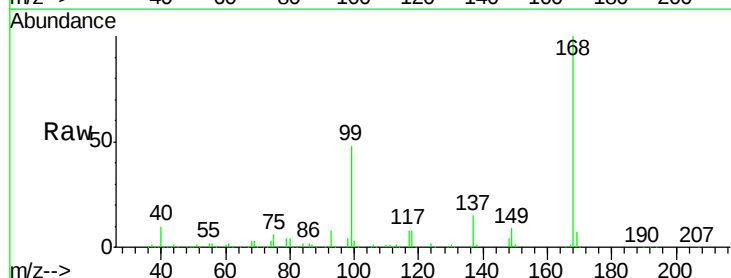
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

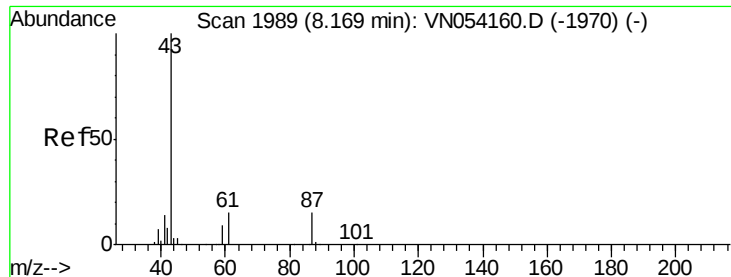
Tot Ion: 75 Resp: 74868
 Ion Ratio Lower Upper
 75 100
 110 8.8 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 4.813 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054287.D
 Acq: 15 Mar 2019 3:38

Tgt Ion: 117 Resp: 104144
 Ion Ratio Lower Upper
 117 100
 119 4.1 76.3 114.5#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 1.871 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

Instrument :

MSVOA_N

ClientSampleId :

TP-1

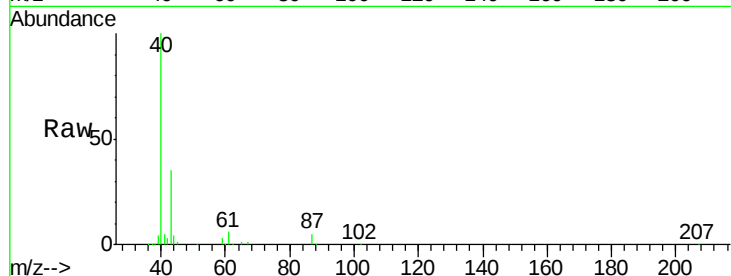
Tot Ion: 43 Resp: 38927

Ion Ratio Lower Upper

43 100

61 22.1 15.8 23.8

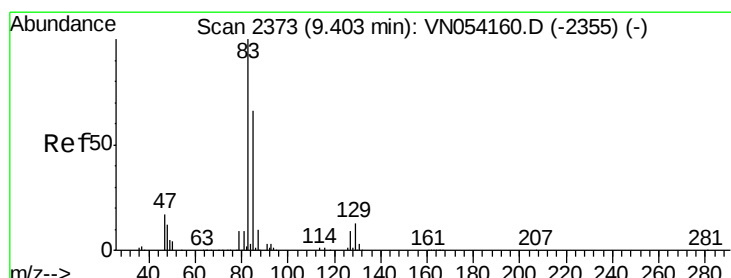
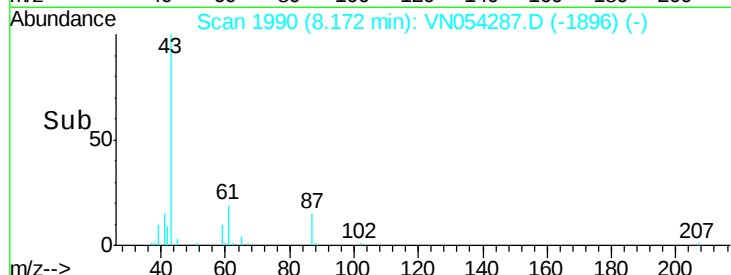
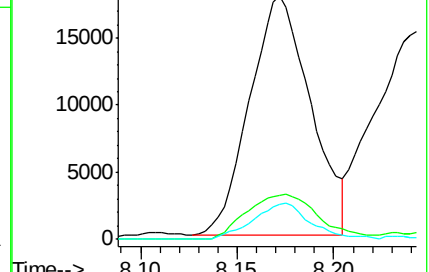
87 14.0 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN054287.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054287.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054287.D (-1896) (-)



#47

Bromodichloromethane

Concen: 0.210 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

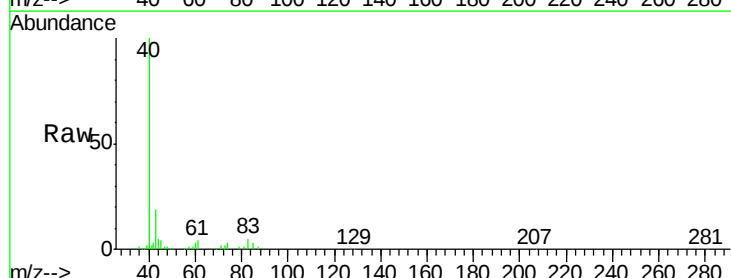
Tgt Ion: 83 Resp: 4162

Ion Ratio Lower Upper

83 100

85 58.8 52.8 79.2

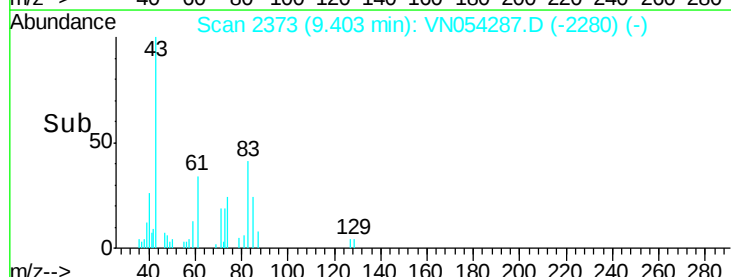
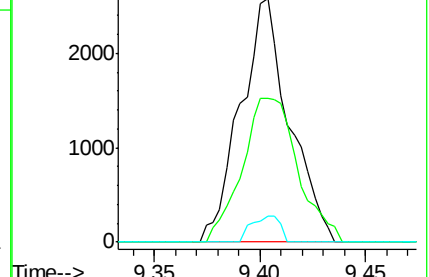
127 10.5 7.4 11.2

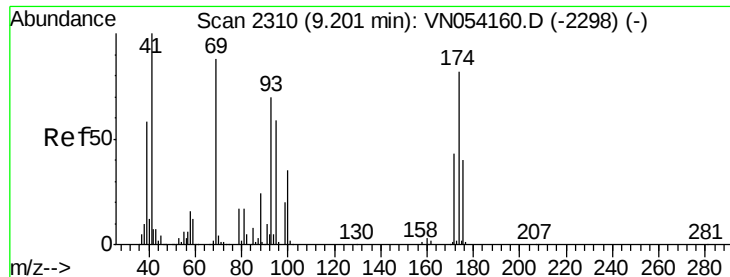


Abundance Ion 82.90 (82.60 to 83.60): VN054287.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054287.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054287.D (-2280) (-)

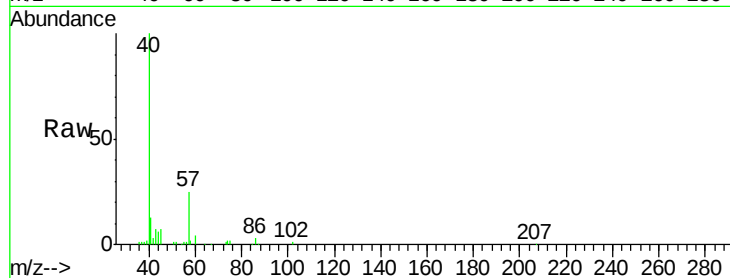




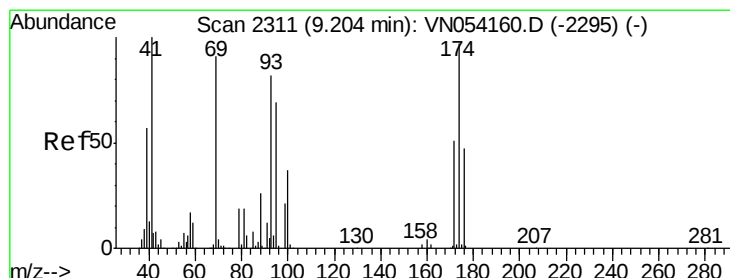
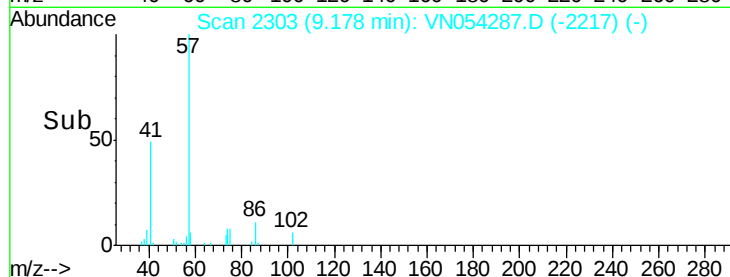
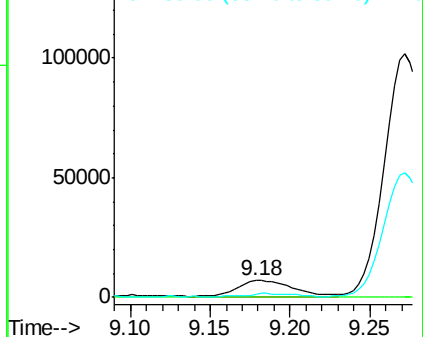
#48
Methvl methacrylate
Concen: 1.436 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN054287.D
Acq: 15 Mar 2019 3:38

Instrument :
MSVOA_N
ClientSampled :
TP-1

Tot Ion: 41 Resp: 15164
Ion Ratio Lower Upper
41 100
69 0.8 72.6 108.8#
39 0.0 47.5 71.3#

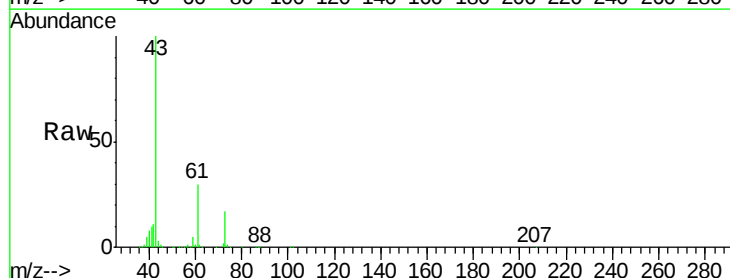


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

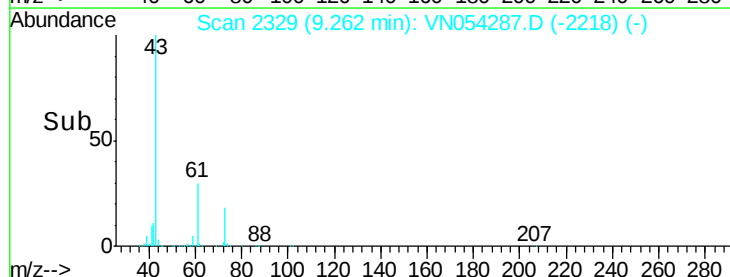
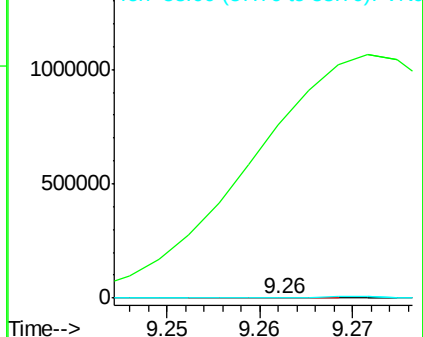


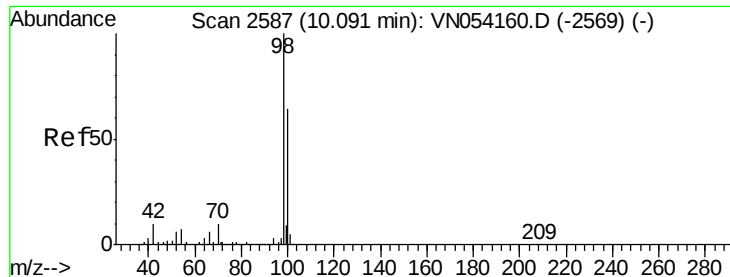
#49
1,4-Dioxane
Concen: 1.044 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.06 min
Lab File: VN054287.D
Acq: 15 Mar 2019 3:38

Tgt Ion: 88 Resp: 156
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): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 51.508 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

Instrument :

MSVOA_N

ClientSampleId :

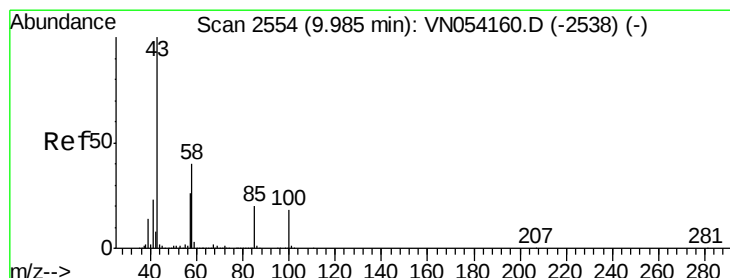
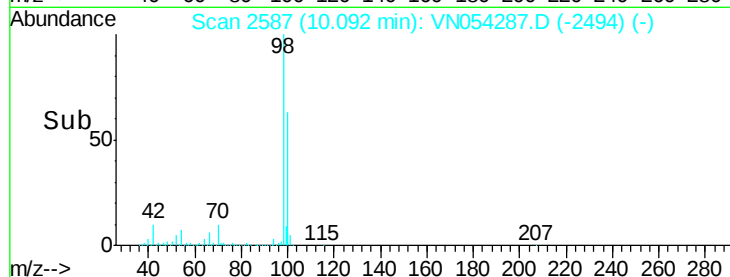
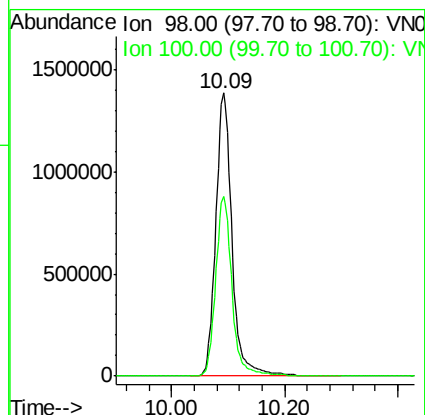
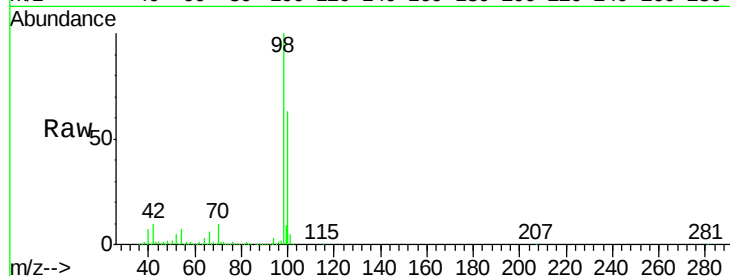
TP-1

Tot Ion: 98 Resp: 2748899

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.202 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054287.D

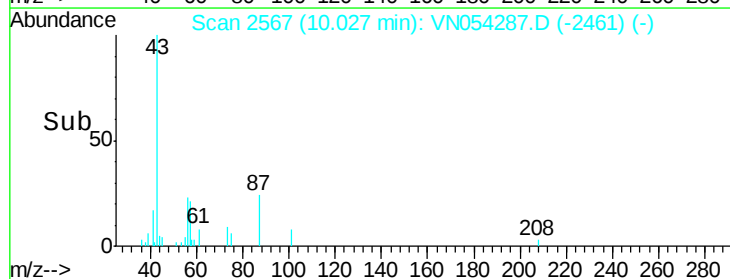
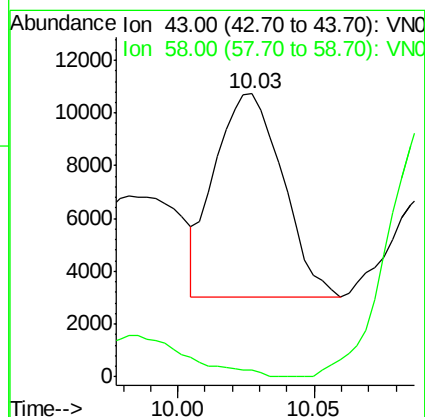
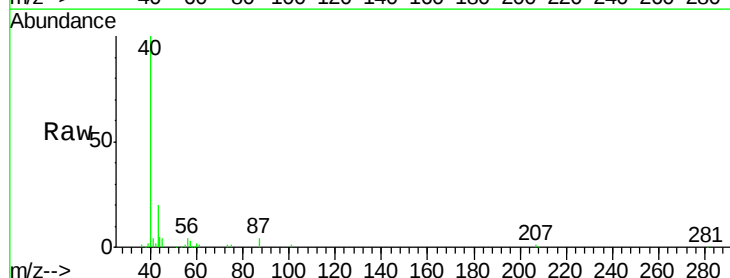
Acq: 15 Mar 2019 3:38

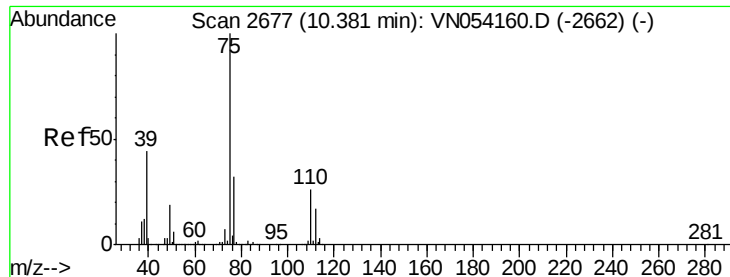
Tgt Ion: 43 Resp: 13242

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#





#53

t-1,3-Dichloropropene

Concen: 1.992 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.01 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

Instrument :

MSVOA_N

ClientSampled :

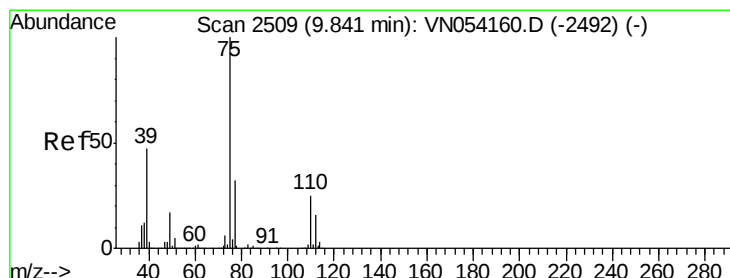
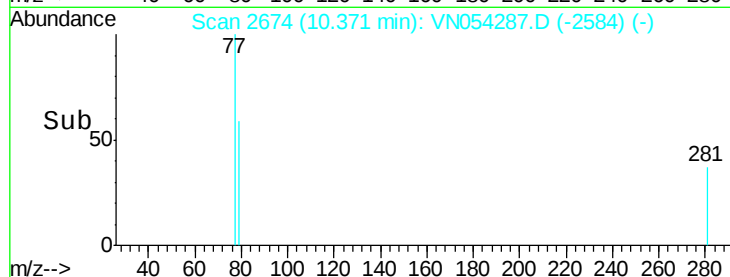
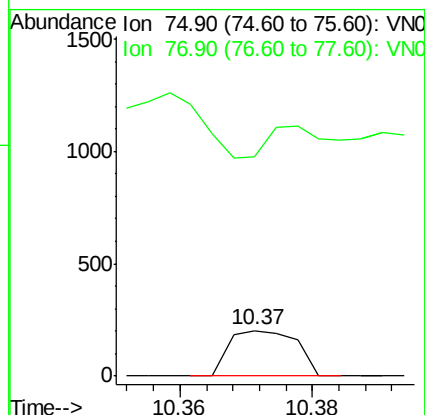
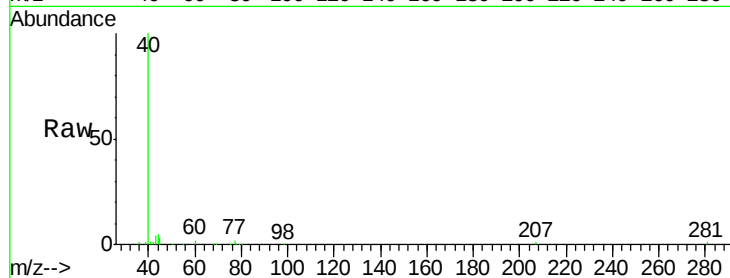
TP-1

Tot Ion: 75 Resp: 142

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#



#54

cis-1,3-Dichloropropene

Concen: 5.603 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

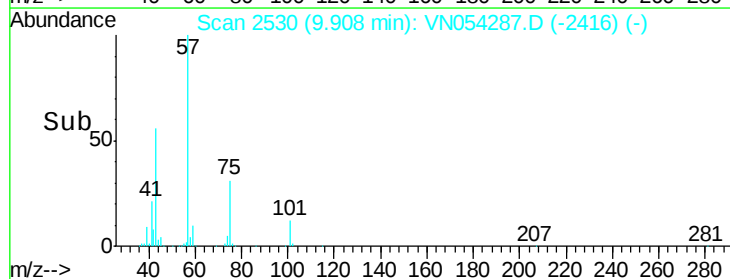
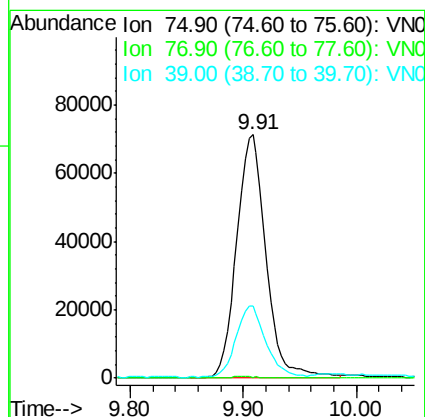
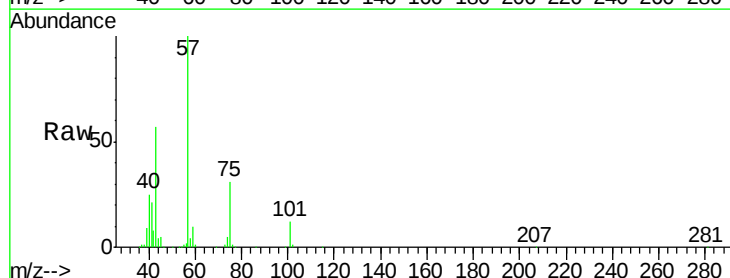
Tgt Ion: 75 Resp: 129661

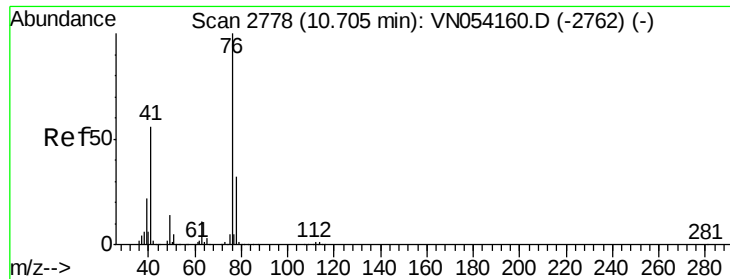
Ion Ratio Lower Upper

75 100

77 0.4 25.4 38.0#

39 29.0 37.2 55.8#

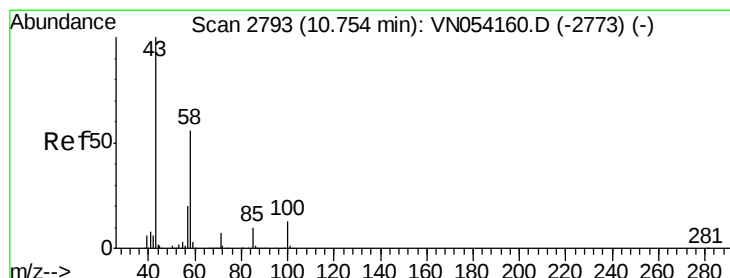
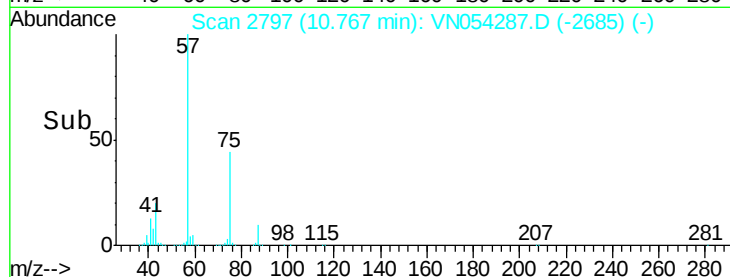
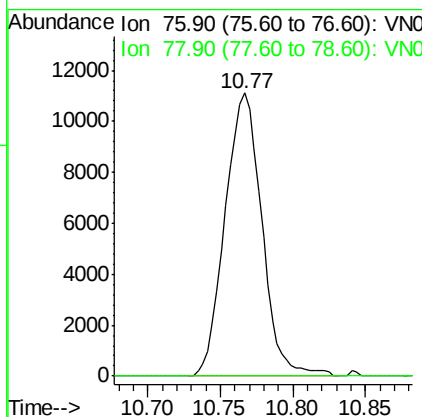
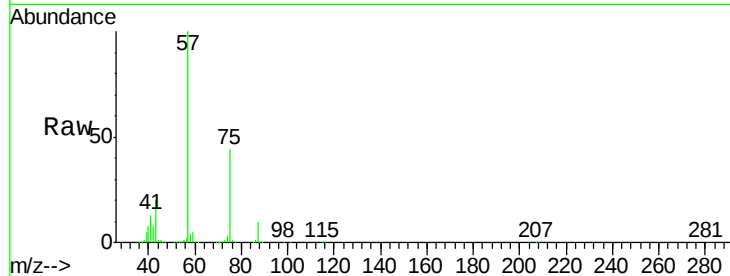




#57
 1,3-Dichloropropane
 Concen: 0.875 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054287.D
 Acq: 15 Mar 2019 3:38

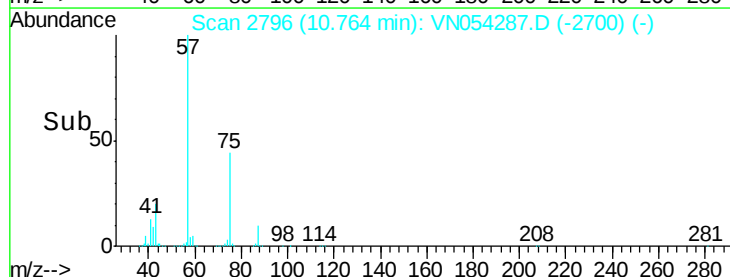
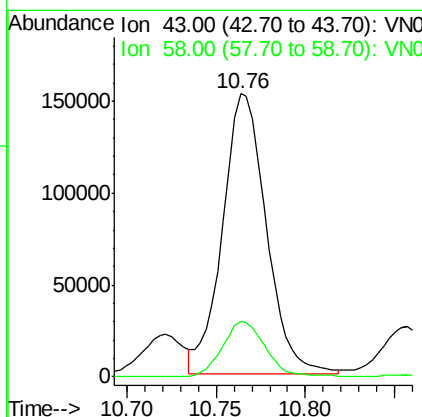
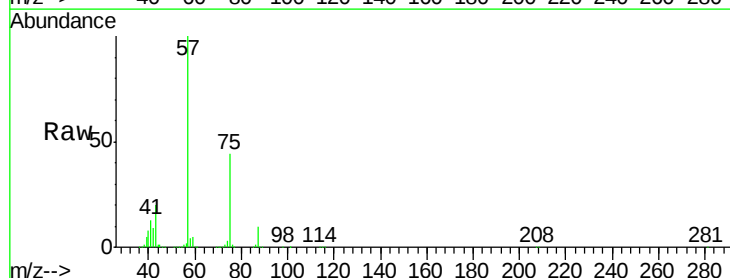
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

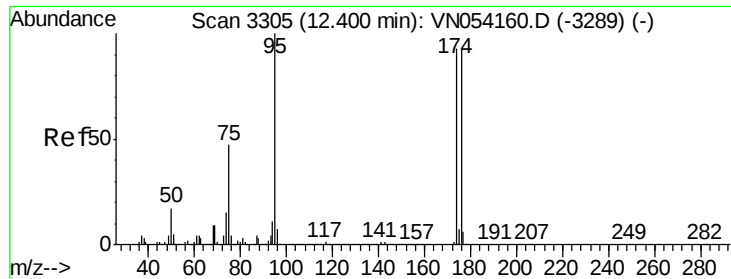
Tot Ion: 76 Resp: 19559
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 35.490 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN054287.D
 Acq: 15 Mar 2019 3:38

Tgt Ion: 43 Resp: 260065
 Ion Ratio Lower Upper
 43 100
 58 19.6 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 55.091 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

Instrument :

MSVOA_N

ClientSampled :

TP-1

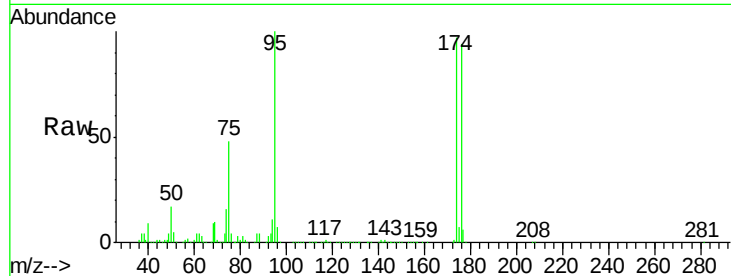
Tot Ion: 95 Resp: 1028743

Ion Ratio Lower Upper

95 100

174 97.7 0.0 191.0

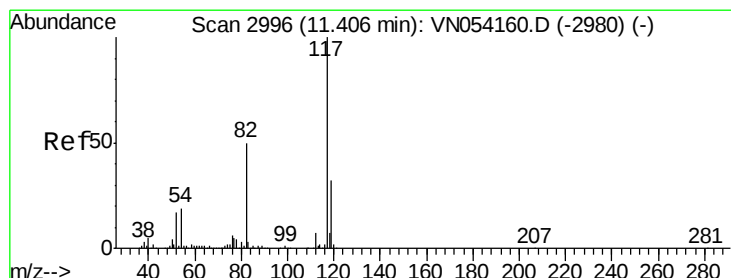
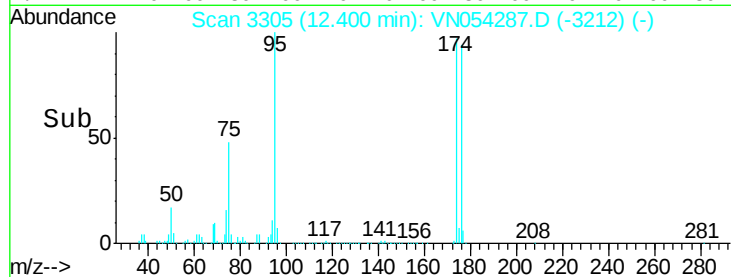
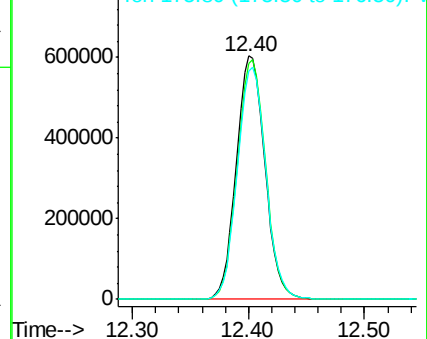
176 95.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

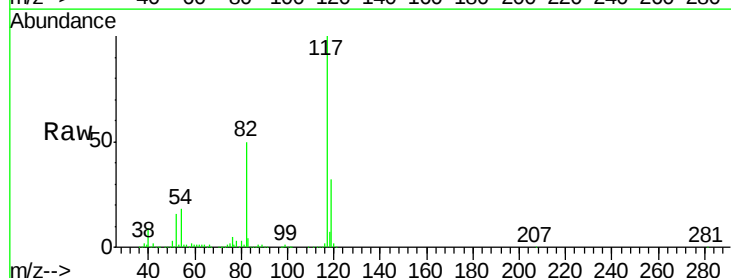
Tgt Ion: 117 Resp: 2313984

Ion Ratio Lower Upper

117 100

82 50.1 40.0 60.0

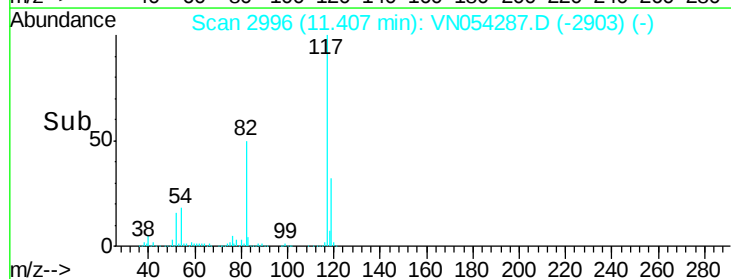
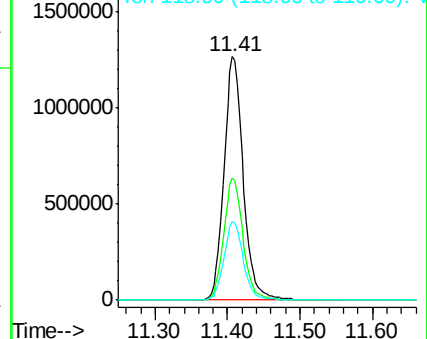
119 32.3 25.8 38.6

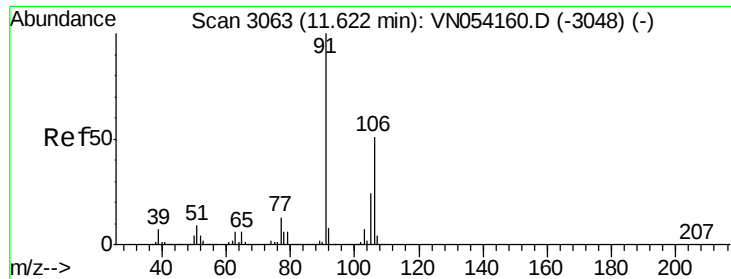


Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054160.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054160.D (-2980) (-)

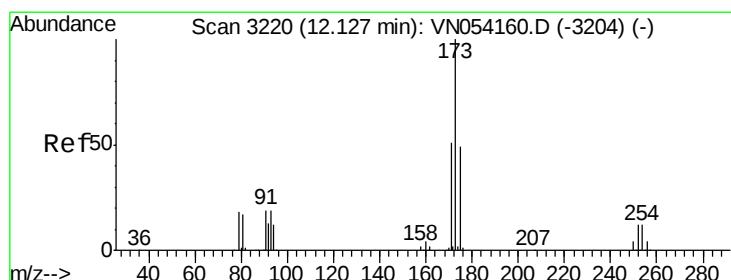
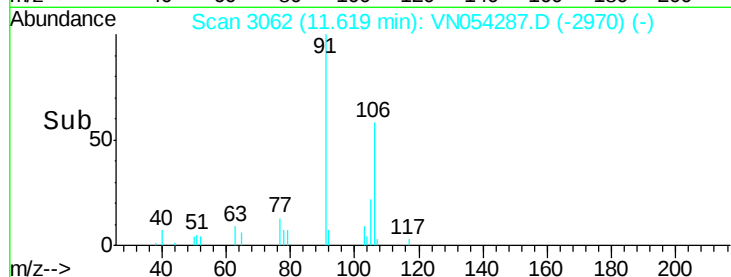
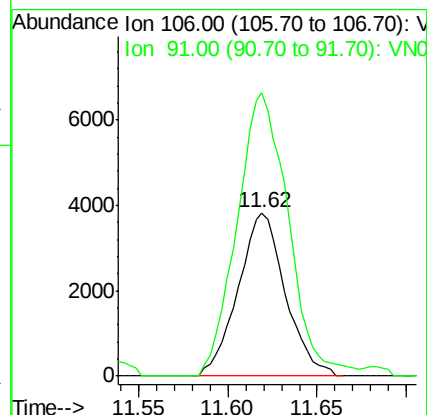
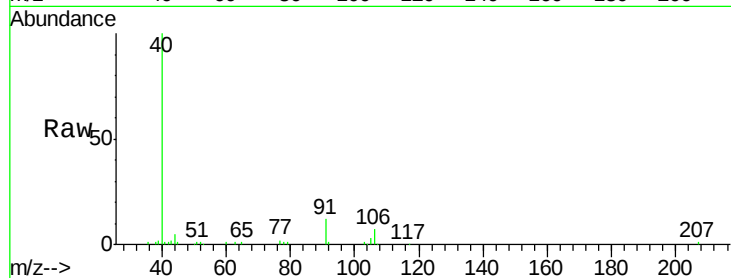




#68
m/p-Xvlenes
Concen: 0.214 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054287.D
Acq: 15 Mar 2019 3:38

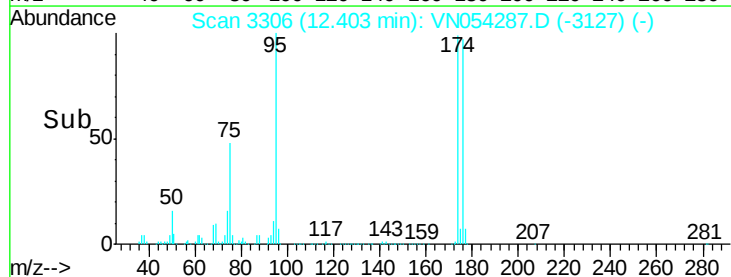
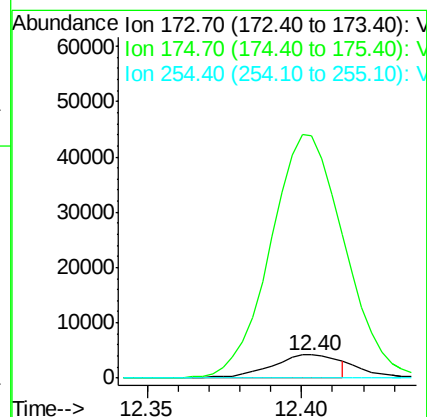
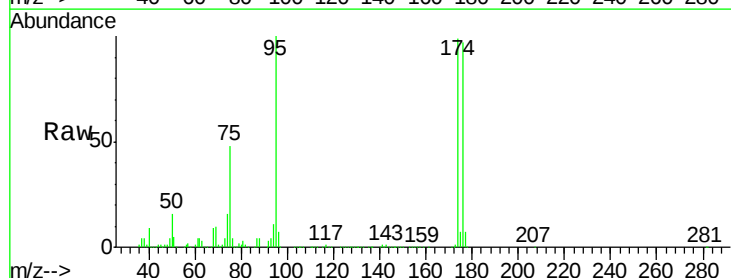
Instrument :
MSVOA_N
ClientSampleId :
TP-1

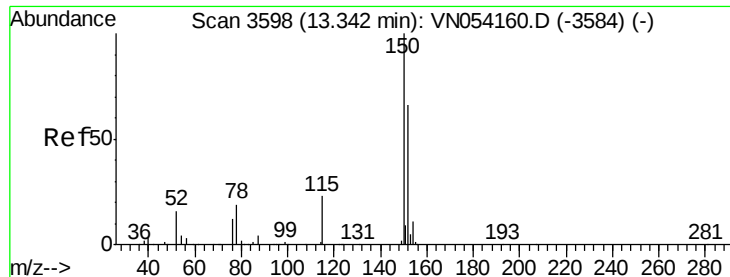
Tot Ion:106 Resp: 7031
Ion Ratio Lower Upper
106 100
91 189.0 159.4 239.2



#71
Bromoform
Concen: 2.768 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054287.D
Acq: 15 Mar 2019 3:38

Tgt Ion:173 Resp: 6167
Ion Ratio Lower Upper
173 100
175 1027.2 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: VN054287.D

Acq: 15 Mar 2019 3:38

Instrument :

MSVOA_N

ClientSampleId :

TP-1

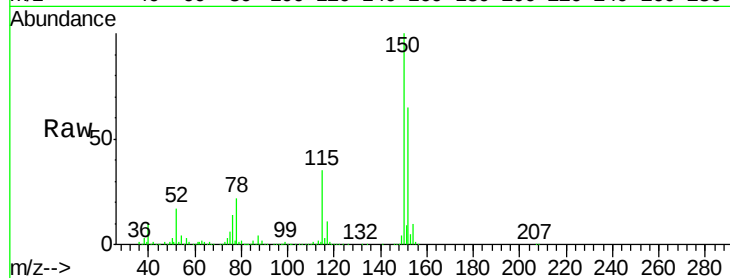
Tot Ion:152 Resp: 961528

Ion Ratio Lower Upper

152 100

115 53.9 27.2 81.6

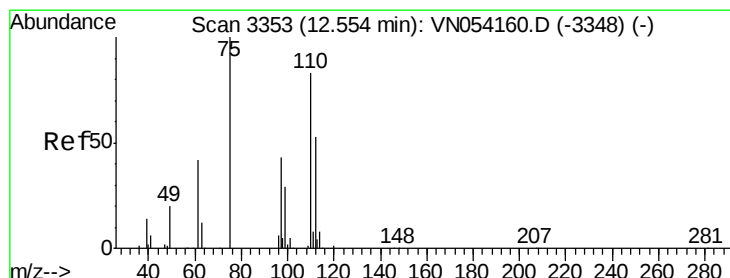
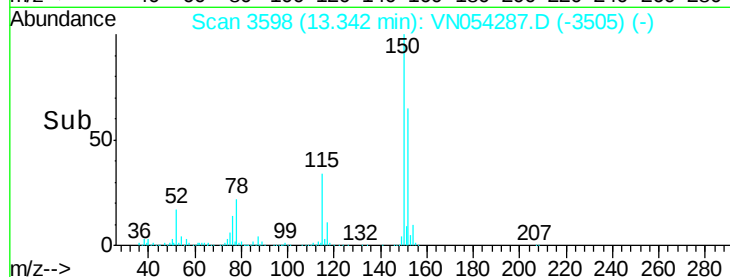
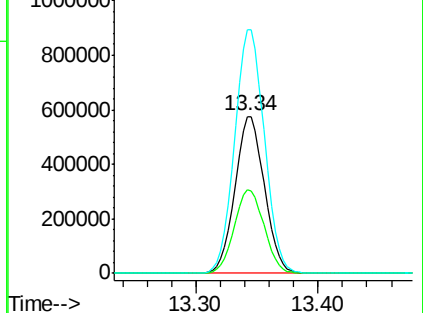
150 156.7 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 34.805 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054287.D

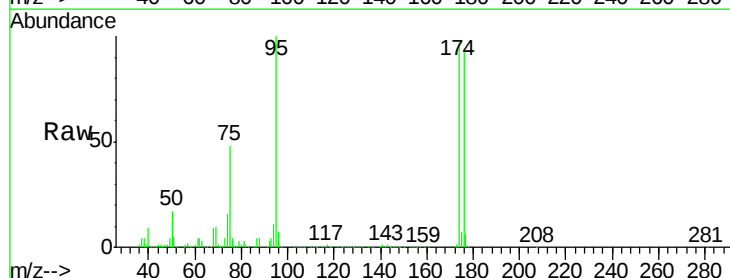
Acq: 15 Mar 2019 3:38

Tgt Ion: 75 Resp: 492128

Ion Ratio Lower Upper

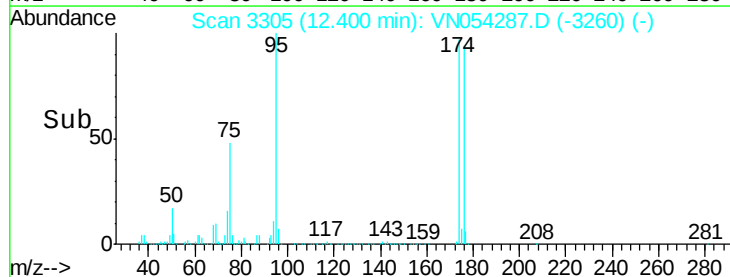
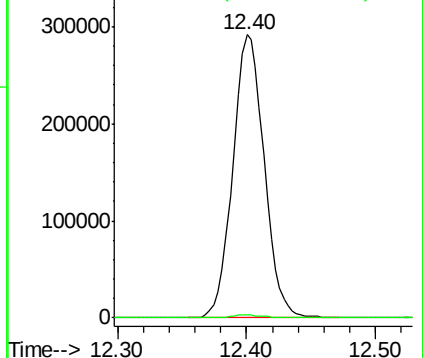
75 100

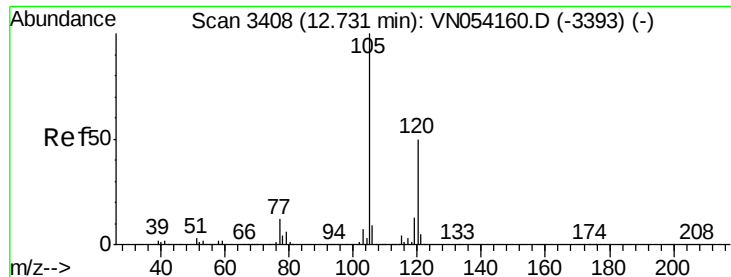
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.370 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

Instrument :

MSVOA_N

ClientSampled :

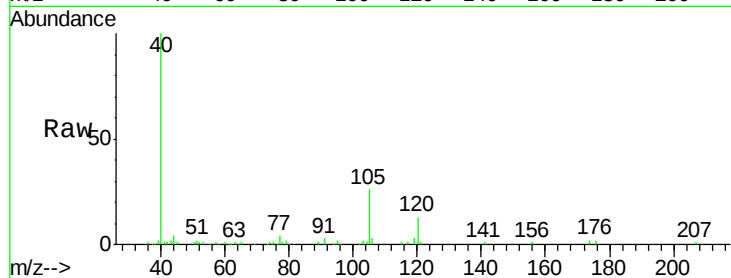
TP-1

Tot Ion:105 Resp: 23646

Ion Ratio Lower Upper

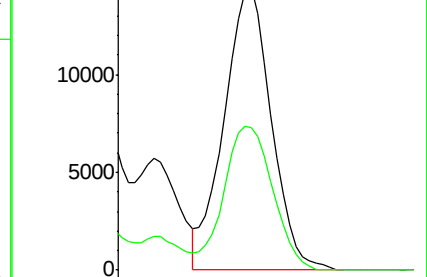
105 100

120 52.9 25.0 75.0

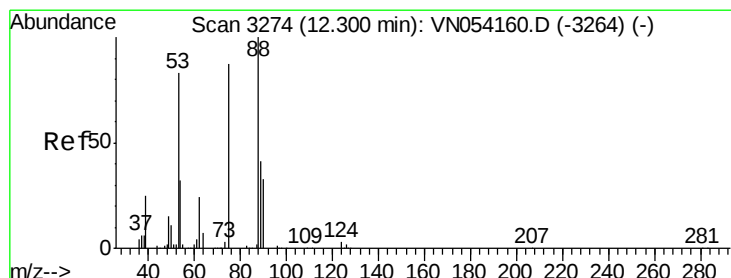
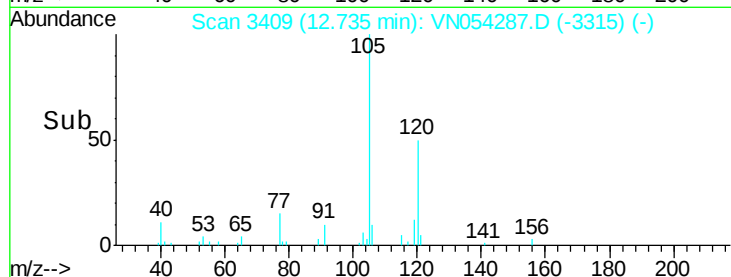


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 118.978 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

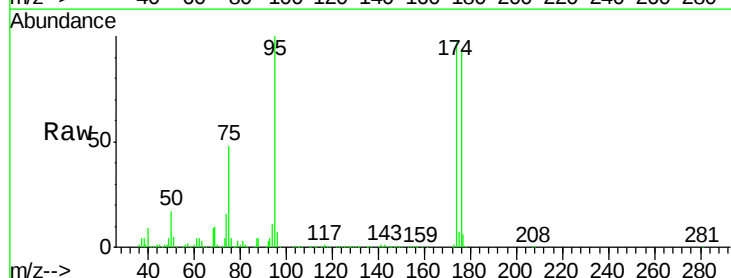
Tgt Ion: 75 Resp: 492128

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

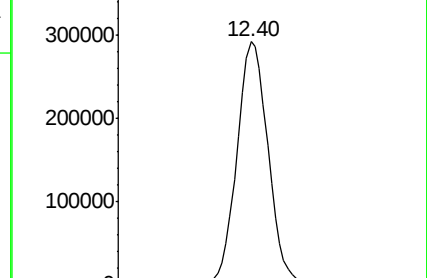
89 0.0 39.2 58.8#



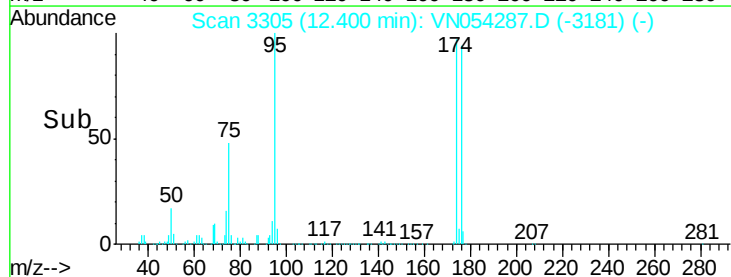
Abundance Ion 74.90 (74.60 to 75.60): VNO

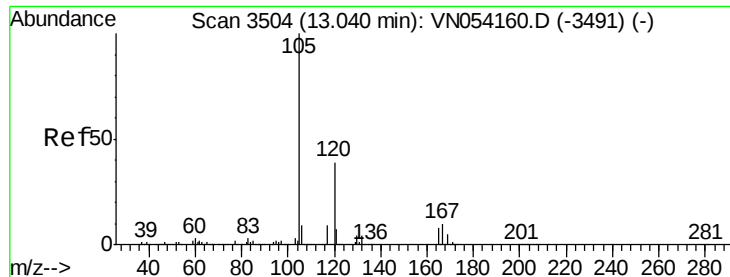
Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



Time-->





#84

1,2,4-Trimethylbenzene

Concen: 0.695 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

Instrument :

MSVOA_N

ClientSampled :

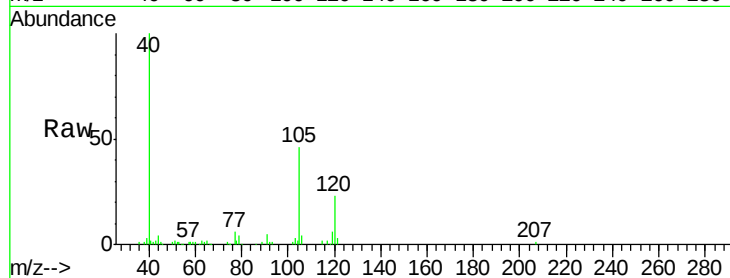
TP-1

Tot Ion:105 Resp: 43635

Ion Ratio Lower Upper

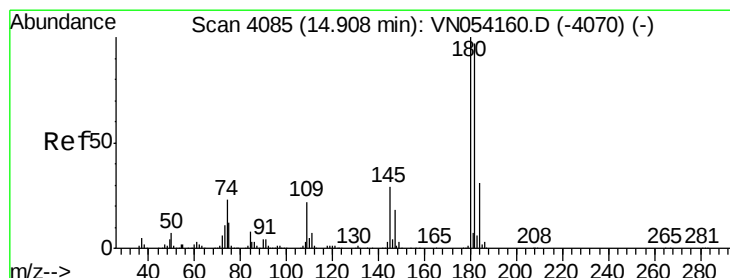
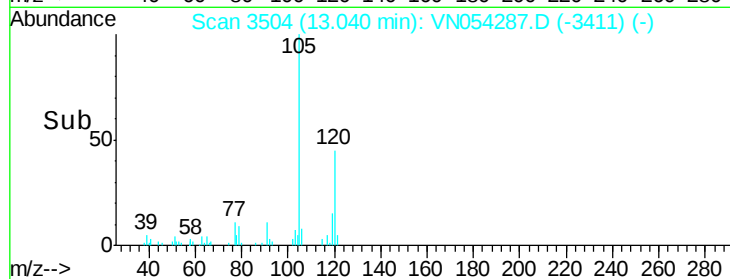
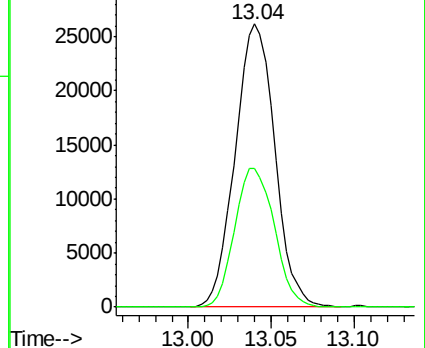
105 100

120 49.0 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 2.564 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

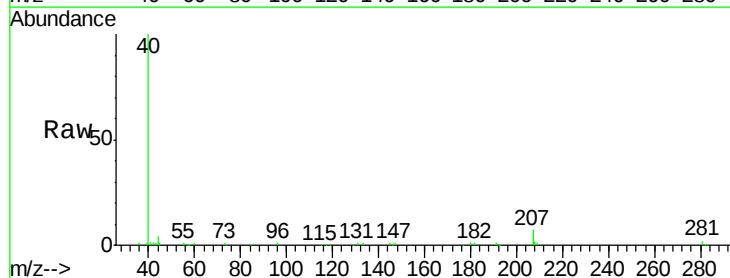
Tgt Ion:180 Resp: 1018

Ion Ratio Lower Upper

180 100

182 79.6 48.0 144.2

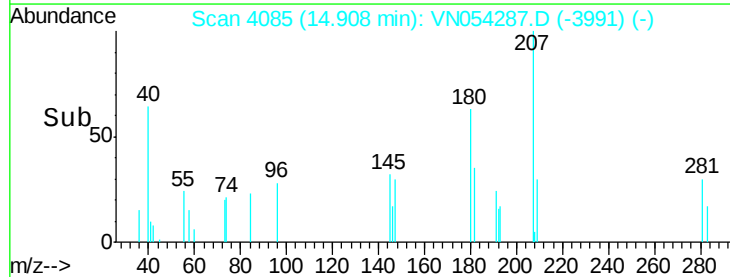
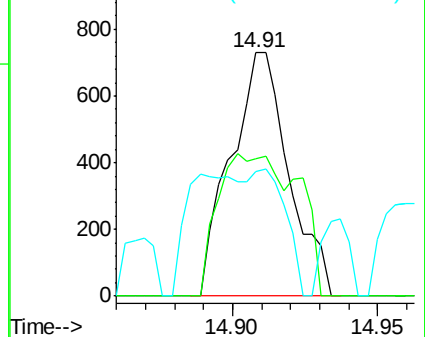
145 44.1 14.2 42.8#

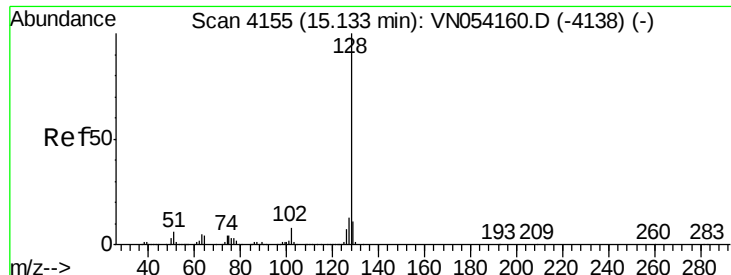


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

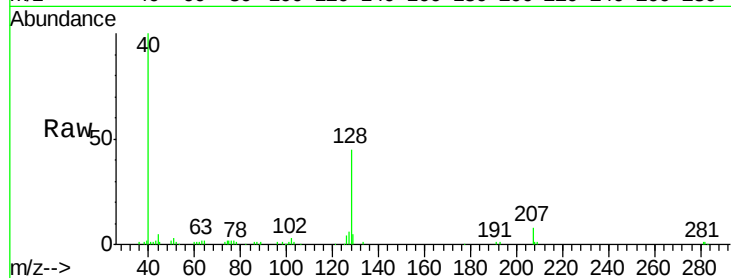




#95
Naphthalene
Concen: 4.486 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054287.D
Acq: 15 Mar 2019 3:38

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	11.8	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

