

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031219\
 Data File : VN054181.D
 Acq On : 12 Mar 2019 23:57
 Operator : JC/SP
 Sample : PB117843TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117843TB

Quant Time: Mar 13 07:32:17 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	1498926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2387843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2480967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1086445	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	783147	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
35) Dibromofluoromethane	7.59	113	740230	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
50) Toluene-d8	10.09	98	2978946	52.38	ug/l	0.00
Spiked Amount			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.40	95	1131813	56.87	ug/l	0.00
Spiked Amount			Recovery	=	113.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.95	142	2145	1.590	ug/l #	50
13) Acrolein	3.61	56	563	0.544	ug/l #	1
16) Acetone	3.82	43	38152	8.371	ug/l	95
17) Carbon Disulfide	4.04	76	13361	0.342	ug/l	98
18) Methyl Acetate	4.34	43	3554	0.385	ug/l #	71
20) Methylene Chloride	4.55	84	78883	5.271	ug/l	92
25) 2-Butanone	6.88	43	4712	0.881	ug/l	91
29) Tetrahydrofuran	7.22	42	1593	0.463	ug/l	92
31) Cyclohexane	7.67	56	22869	Below Cal	#	8
36) 1,1-Dichloropropene	7.66	75	84810	3.857	ug/l #	47
38) Carbon Tetrachloride	7.67	117	120223	5.213	ug/l #	15
43) Isopropyl Acetate	8.17	43	52215	2.354	ug/l	98
48) Methyl methacrylate	9.19	41	17820	1.583	ug/l #	11
51) 4-Methyl-2-Pentanone	9.99	43	17362	1.479	ug/l	91
53) t-1,3-Dichloropropene	10.39	75	1754	2.056	ug/l #	21
54) cis-1,3-Dichloropropene	9.91	75	144868	5.874	ug/l #	60
58) 2-Chloroethyl Vinyl ether	9.71	63	827	16.930	ug/l #	51
59) 2-Hexanone	10.77	43	393345	50.366	ug/l #	52
68) m/p-Xylenes	11.62	106	7582	0.215	ug/l	97
71) Bromoform	12.12	173	285	2.369	ug/l #	28
74) N-amyl acetate	12.07	43	8323	0.431	ug/l	98
76) 1,2,3-Trichloropropane	12.40	75	542967	33.985	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	46871	0.648	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	542967	116.176	ug/l #	11
82) 4-Chlorotoluene	12.77	91	12556	0.222	ug/l	93
87) 1,3-Dichlorobenzene	13.28	146	9554	0.247	ug/l	96
88) 1,4-Dichlorobenzene	13.28	146	9554	0.251	ug/l	94
89) n-Butylbenzene	13.62	91	18278	0.318	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	8518	0.225	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	13844	3.091	ug/l	96
94) Hexachlorobutadiene	15.01	225	5506	0.382	ug/l	96
95) Naphthalene	15.13	128	41613	4.282	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	14571	0.724	ug/l	99

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

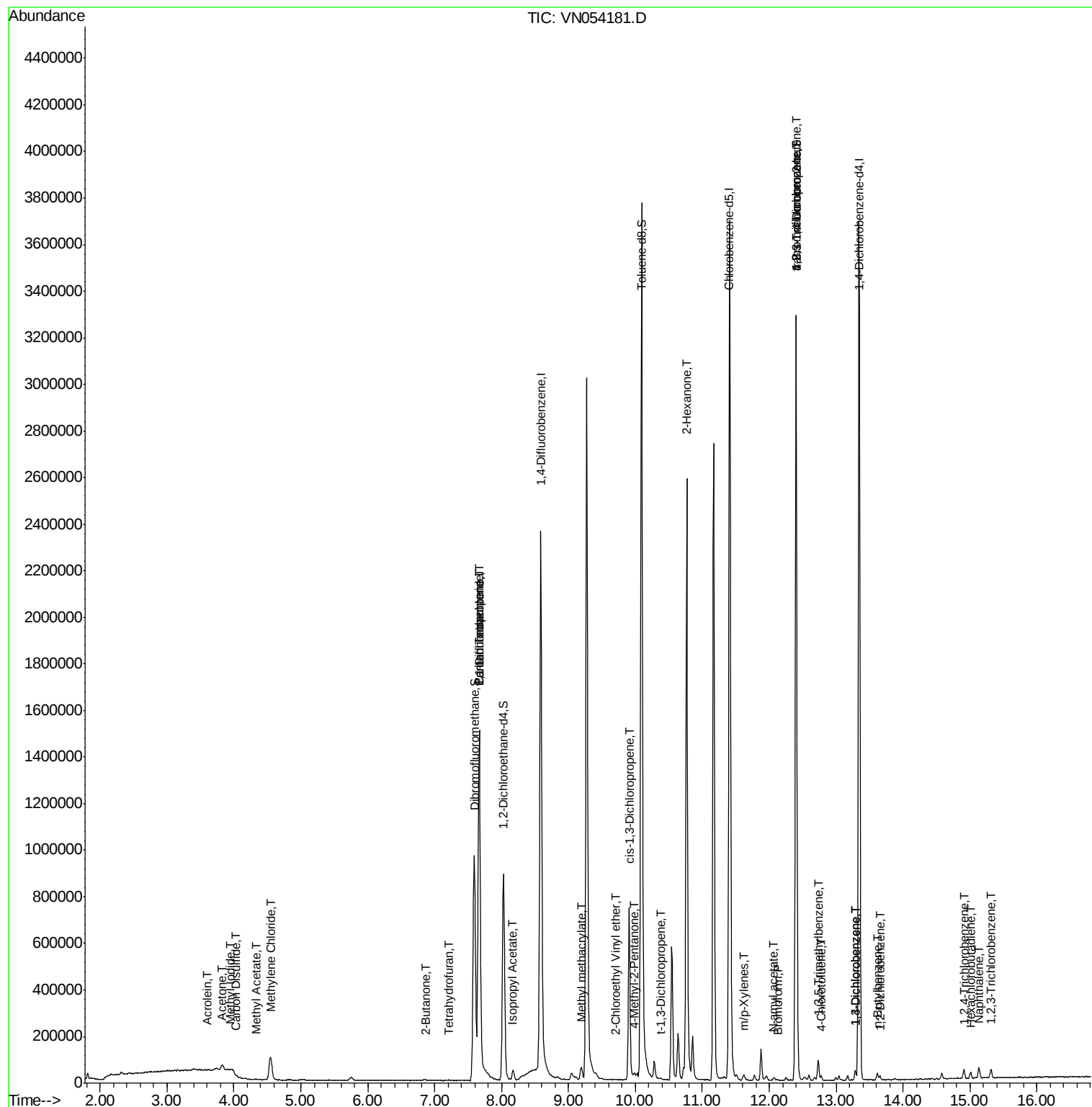
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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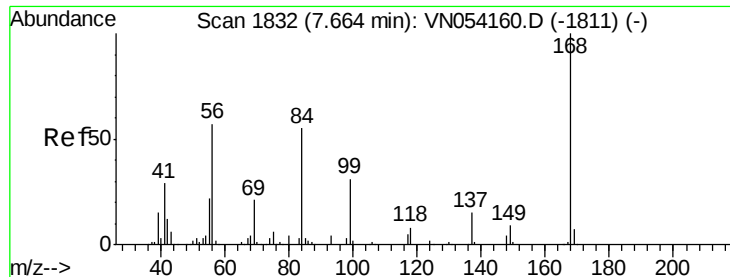
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031219\
Data File : VN054181.D
Acq On : 12 Mar 2019 23:57
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

Instrument :

MSVOA_N

ClientSampleId :

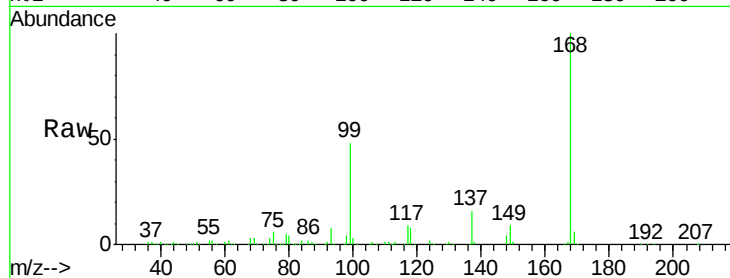
PB117843TB

Tot Ion:168 Resp: 1498926

Ion Ratio Lower Upper

168 100

99 47.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

400000

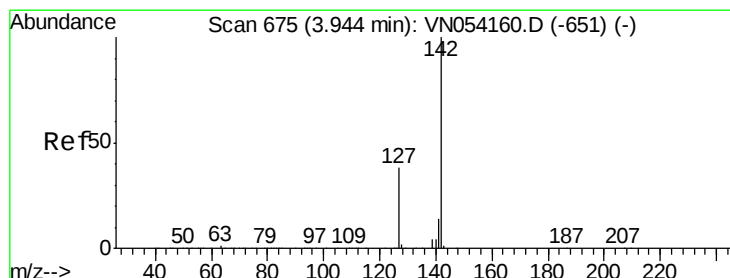
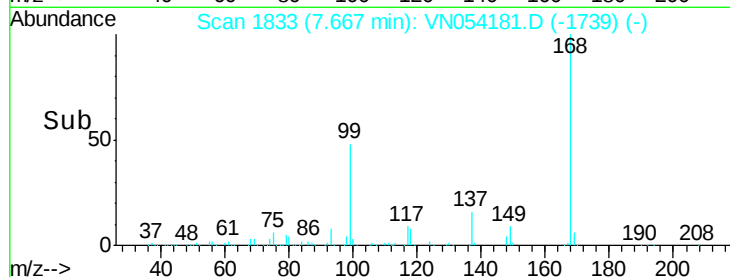
200000

0

Time-->

7.60

7.80



#10

Methyl Iodide

Concen: 1.590 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.01 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

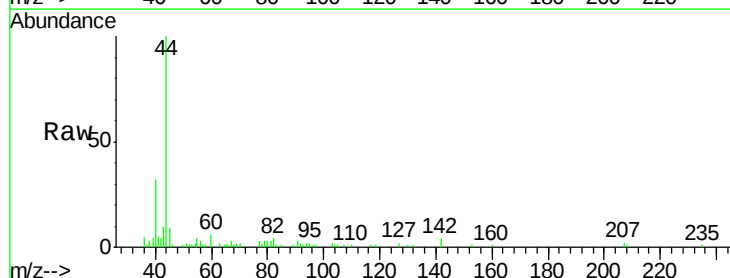
Tgt Ion:142 Resp: 2145

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

141 8.1 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

3.95

1200

1000

800

600

400

200

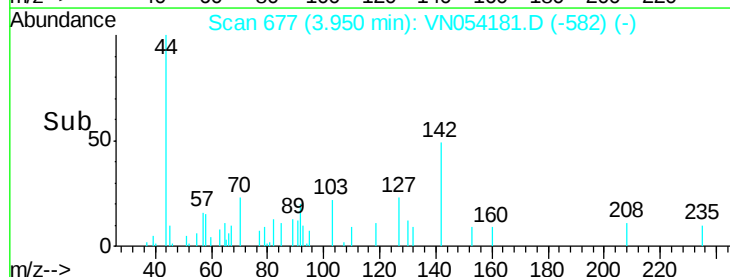
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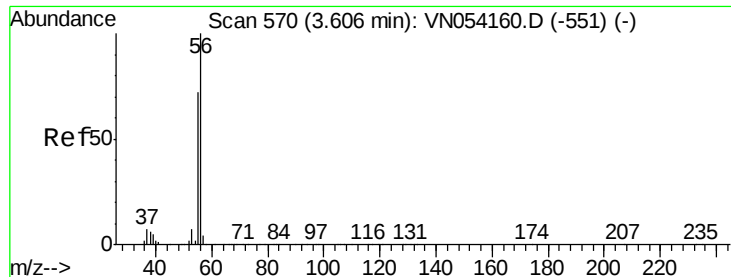
Time-->

3.90

3.95

4.00





#13

Acrolein

Concen: 0.544 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

Instrument :

MSVOA_N

ClientSampleId :

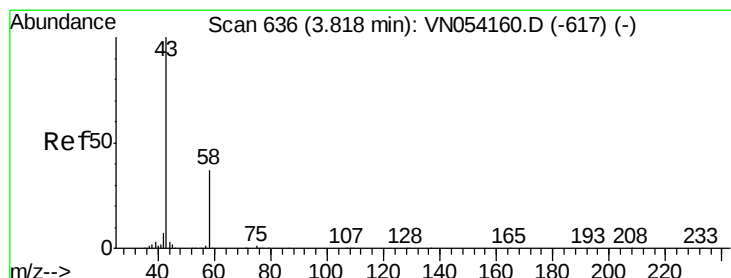
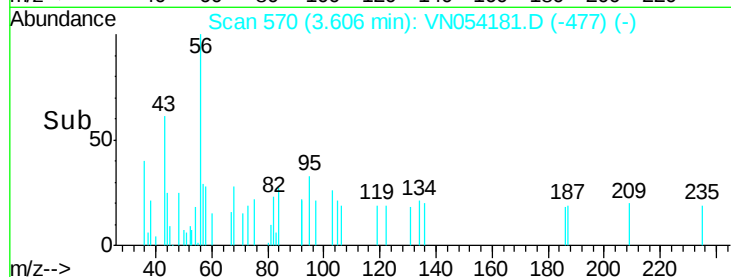
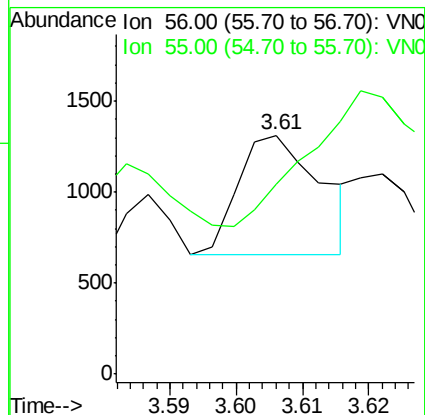
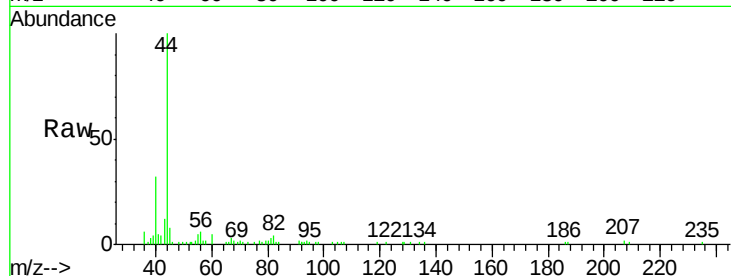
PB117843TB

Tot Ion: 56 Resp: 563

Ion Ratio Lower Upper

56 100

55 232.5 56.7 85.1#



#16

Acetone

Concen: 8.371 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054181.D

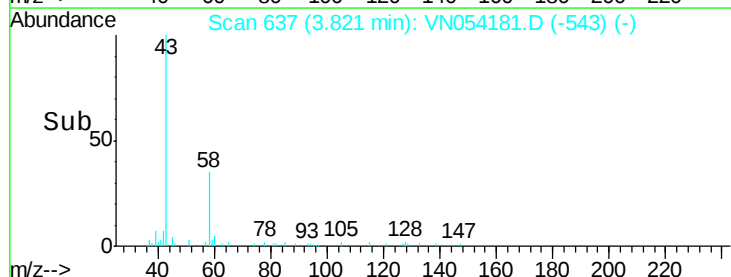
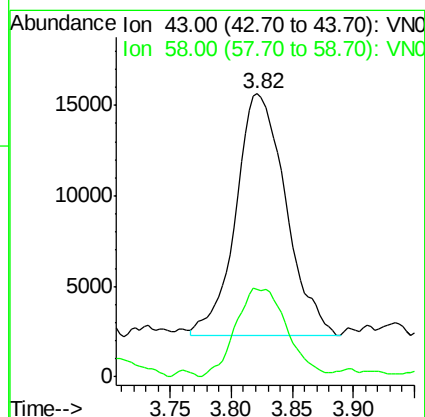
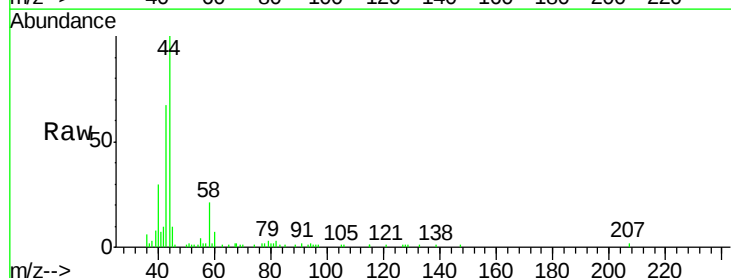
Acq: 12 Mar 2019 23:57

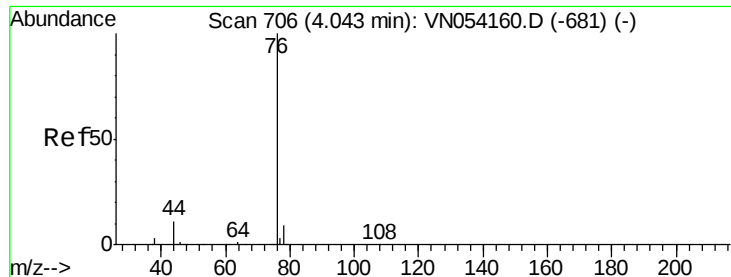
Tgt Ion: 43 Resp: 38152

Ion Ratio Lower Upper

43 100

58 34.3 29.9 44.9

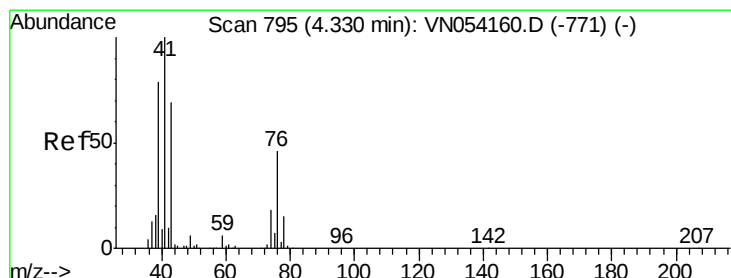
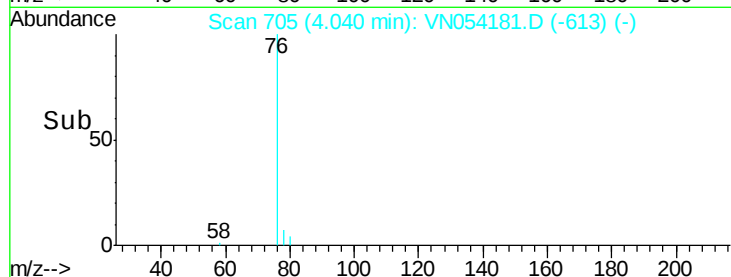
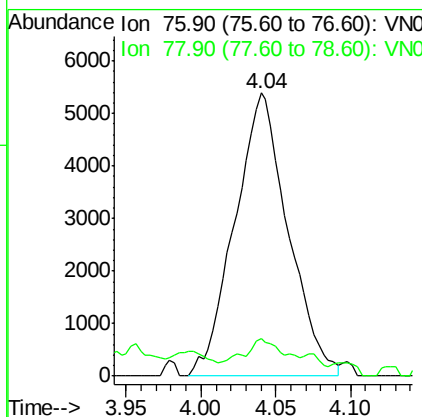
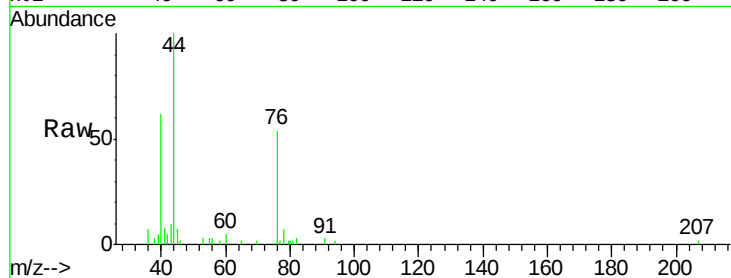




#17
Carbon Disulfide
Concen: 0.342 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN054181.D
Acq: 12 Mar 2019 23:57

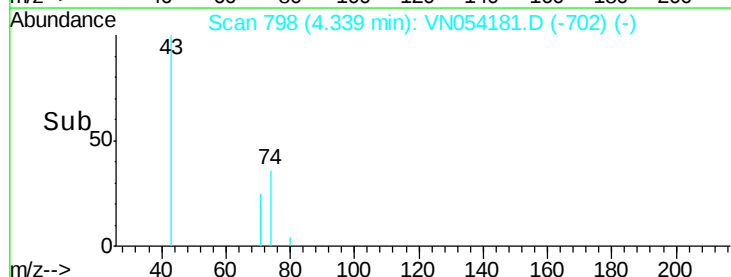
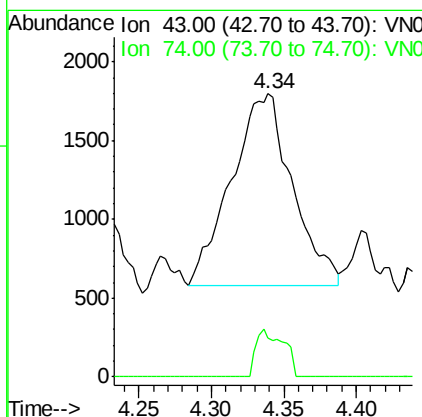
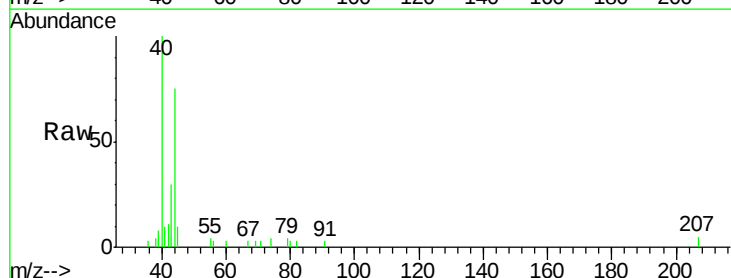
Instrument :
MSVOA_N
ClientSampleId :
PB117843TB

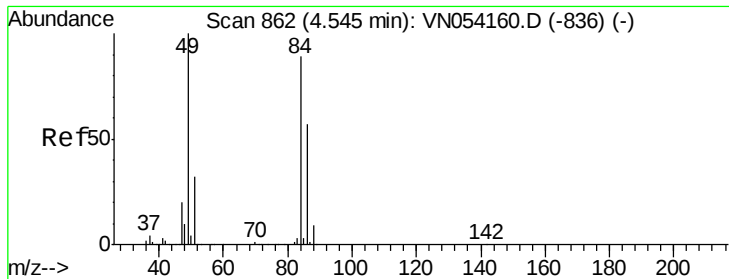
Tot Ion: 76 Resp: 13361
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 0.385 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN054181.D
Acq: 12 Mar 2019 23:57

Tgt Ion: 43 Resp: 3554
Ion Ratio Lower Upper
43 100
74 11.3 20.8 31.2#

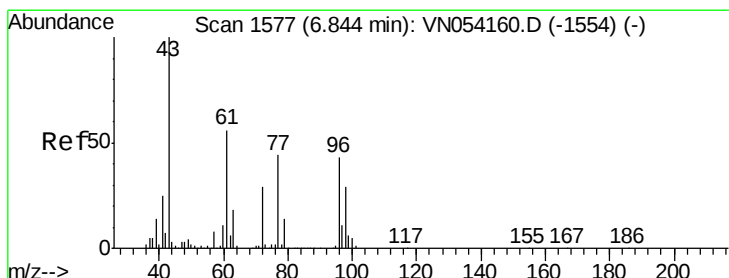
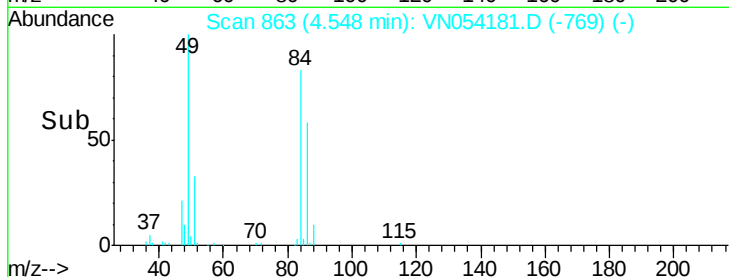
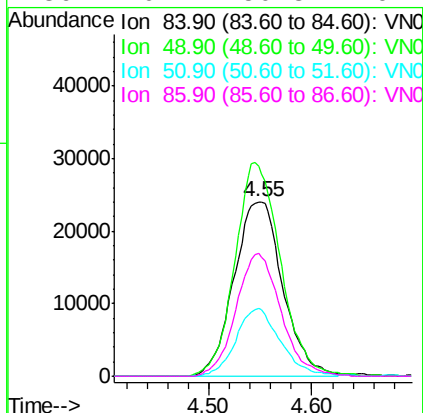
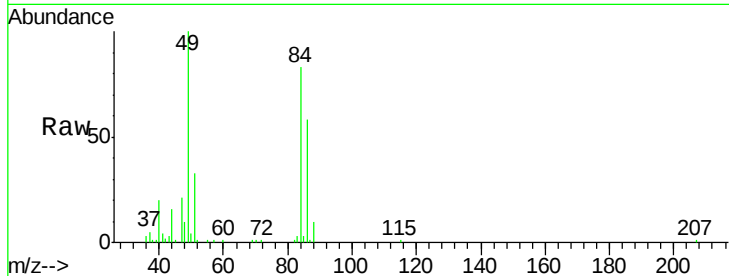




#20
Methvlene Chloride
Concen: 5.271 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054181.D
Acq: 12 Mar 2019 23:57

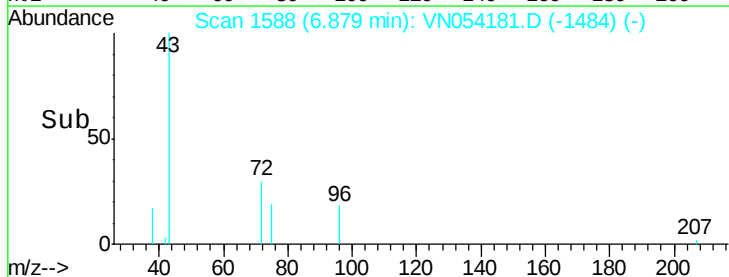
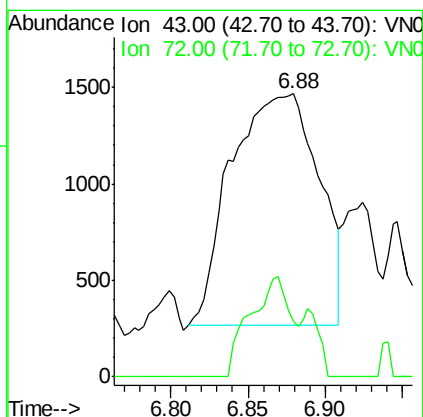
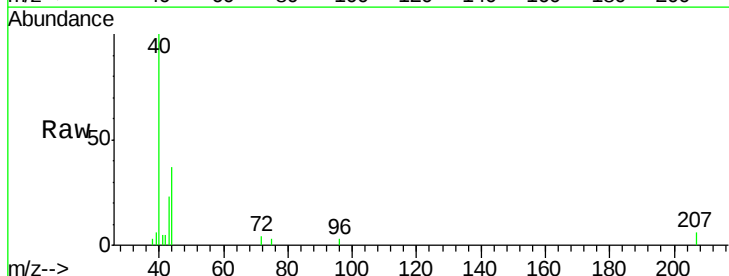
Instrument :
MSVOA_N
ClientSampled :
PB117843TB

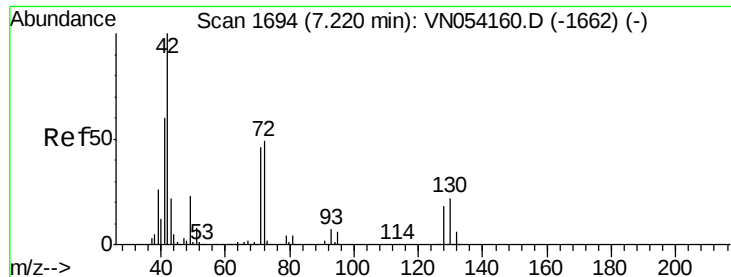
Tot Ion: 84 Resp: 78883
Ion Ratio Lower Upper
84 100
49 119.9 89.7 134.5
51 39.2 28.2 42.4
86 70.1 50.8 76.2



#25
2-Butanone
Concen: 0.881 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. 0.04 min
Lab File: VN054181.D
Acq: 12 Mar 2019 23:57

Tgt Ion: 43 Resp: 4712
Ion Ratio Lower Upper
43 100
72 23.9 23.0 34.6

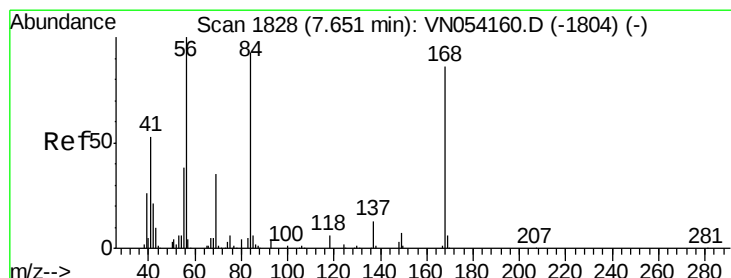
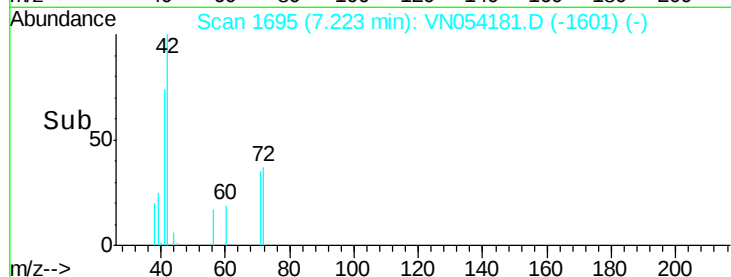
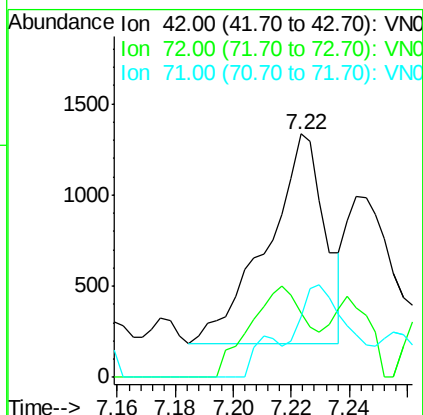
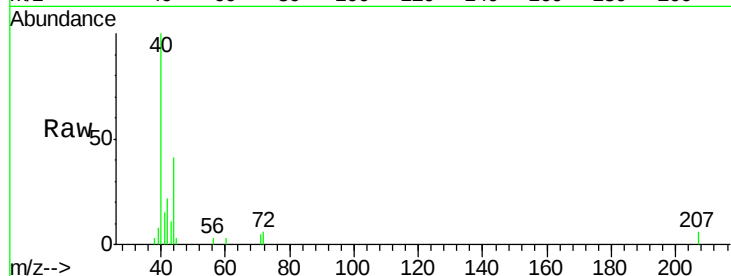




#29
Tetrahydrofuran
Concen: 0.463 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VN054181.D
Acq: 12 Mar 2019 23:57

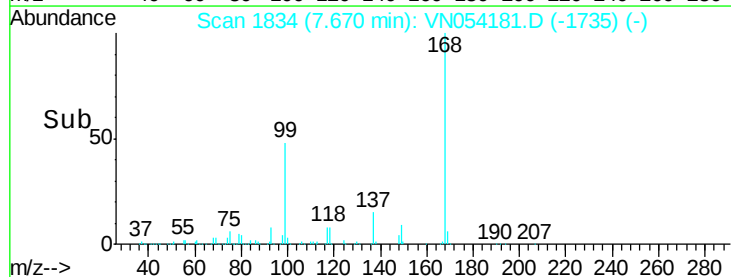
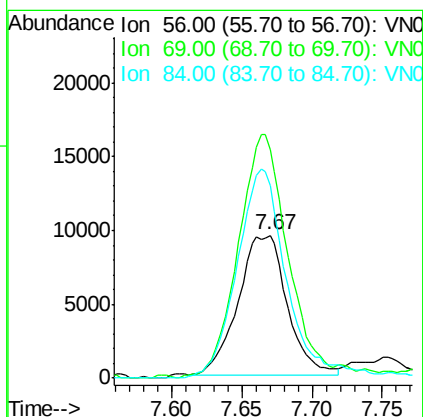
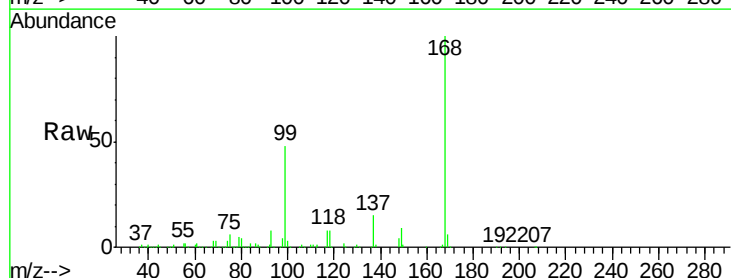
Instrument :
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PB117843TB

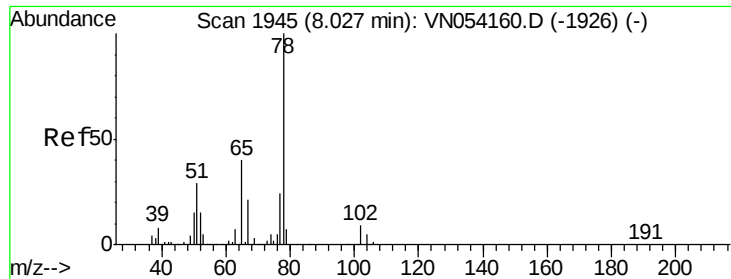
Tot Ion: 42 Resp: 1593
Ion Ratio Lower Upper
42 100
72 43.2 37.8 56.6
71 38.4 36.2 54.2



#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN054181.D
Acq: 12 Mar 2019 23:57

Tgt Ion: 56 Resp: 22869
Ion Ratio Lower Upper
56 100
69 161.7 27.8 41.6#
84 136.3 74.6 111.8#

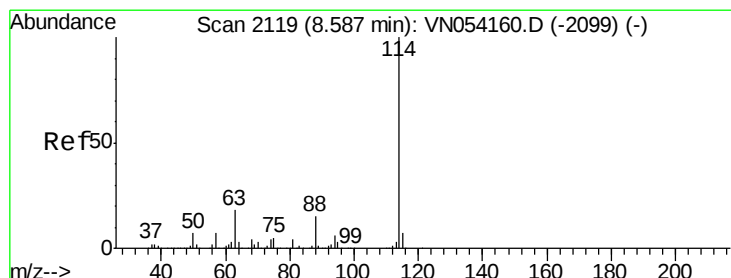
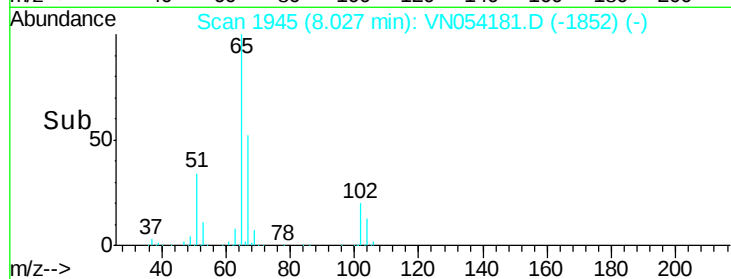
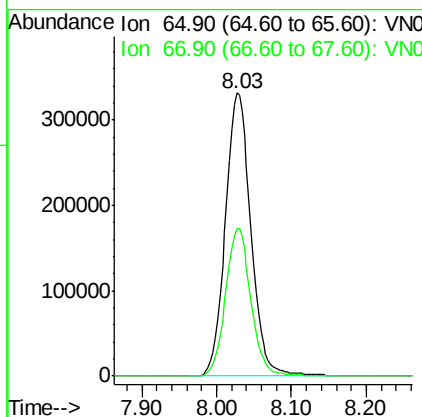
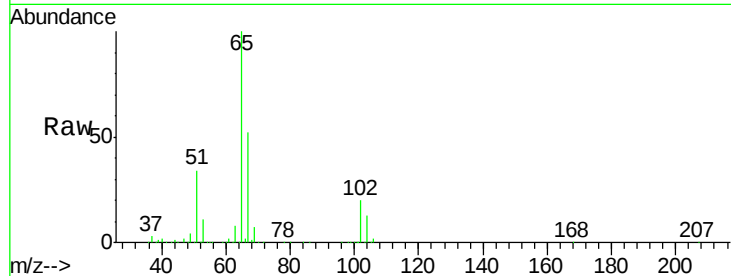




#33
 1,2-Dichloroethane-d4
 Concen: 49.197 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054181.D
 Acq: 12 Mar 2019 23:57

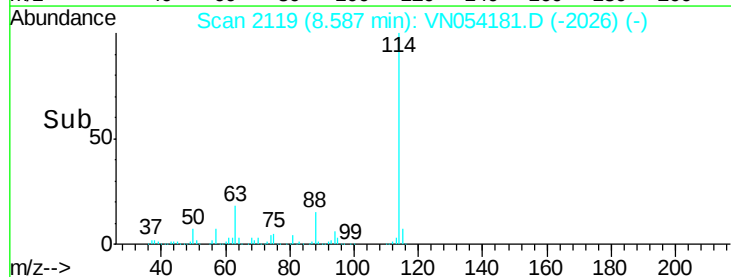
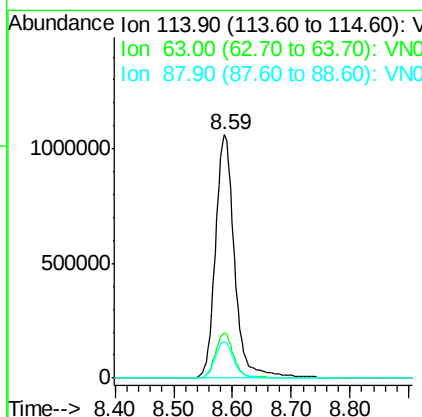
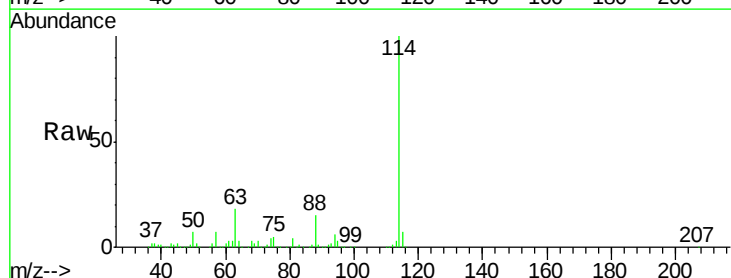
Instrument :
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 ClientSampleId :
 PB117843TB

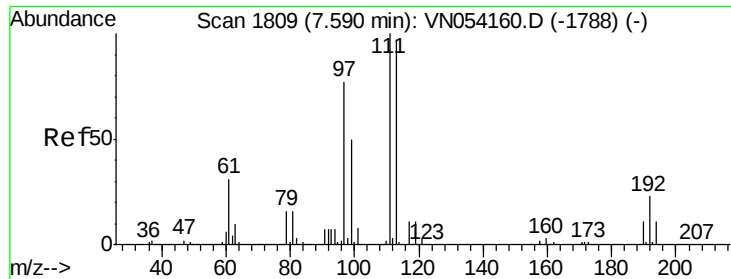
Tot Ion: 65 Resp: 783147
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054181.D
 Acq: 12 Mar 2019 23:57

Tgt Ion: 114 Resp: 2387843
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.2
 88 15.1 0.0 30.2

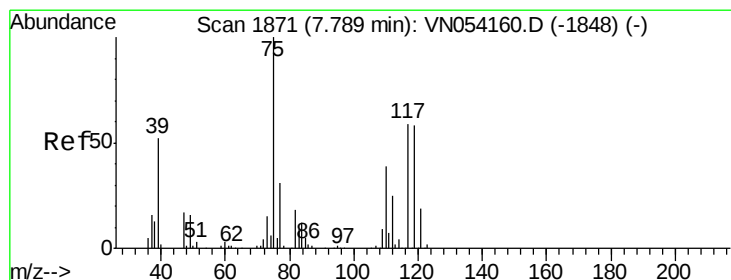
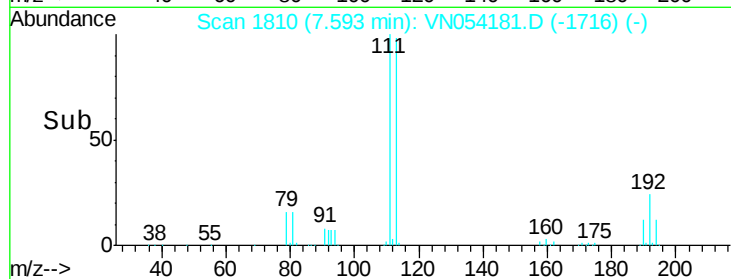
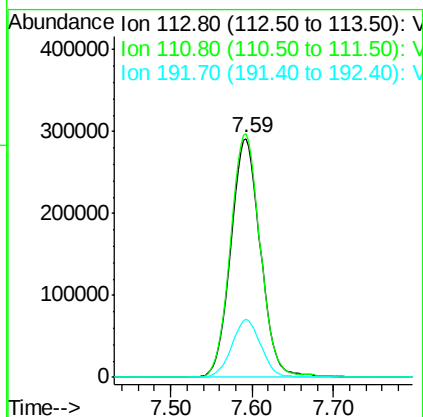
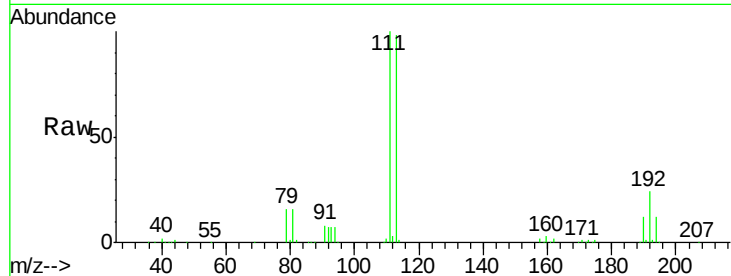




#35
 Dibromofluoromethane
 Concen: 48.065 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054181.D
 Acq: 12 Mar 2019 23:57

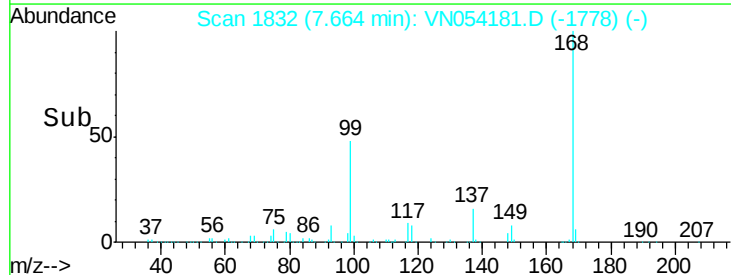
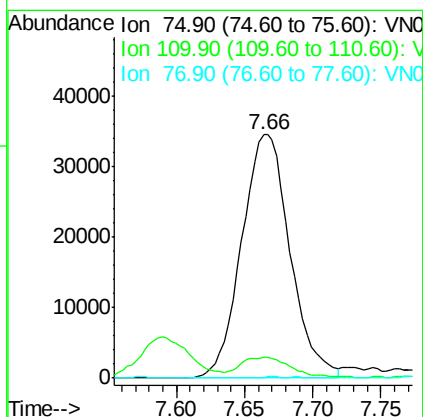
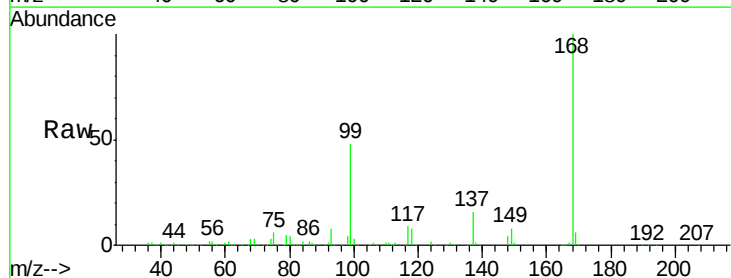
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117843TB

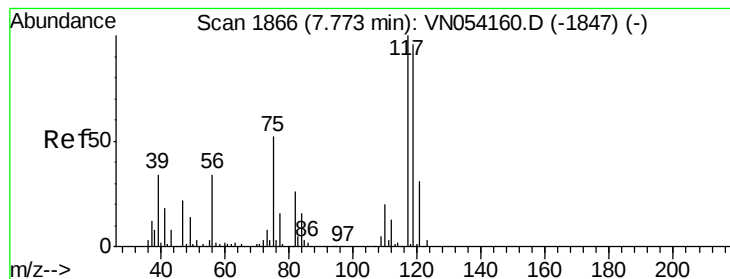
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	24.1	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 3.857 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054181.D
 Acq: 12 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	19.1	57.5#
77	0.1	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 5.213 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

Instrument :

MSVOA_N

ClientSampleId :

PB117843TB

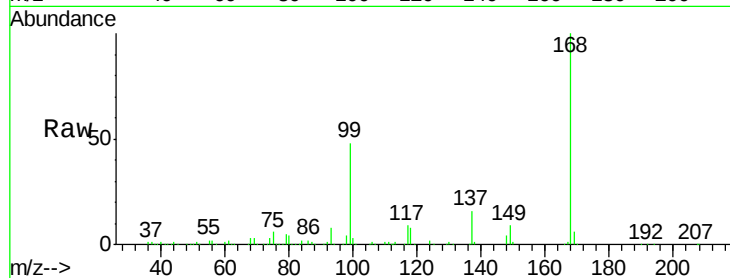
Tot Ion:117 Resp: 120223

Ion Ratio Lower Upper

117 100

119 3.9 76.3 114.5#

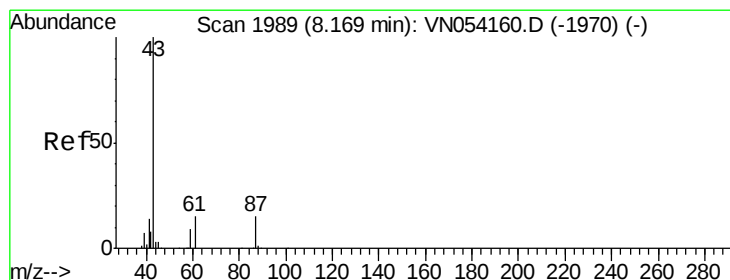
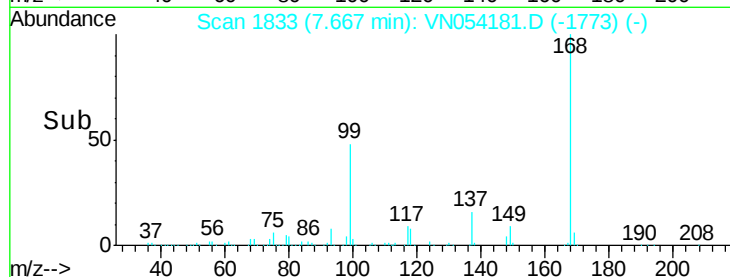
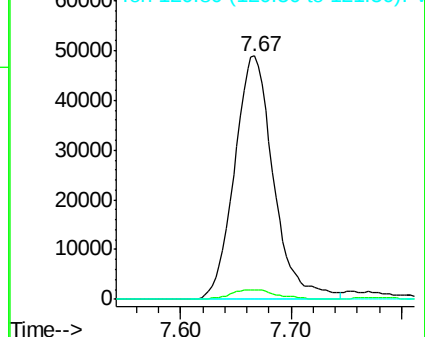
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 2.354 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

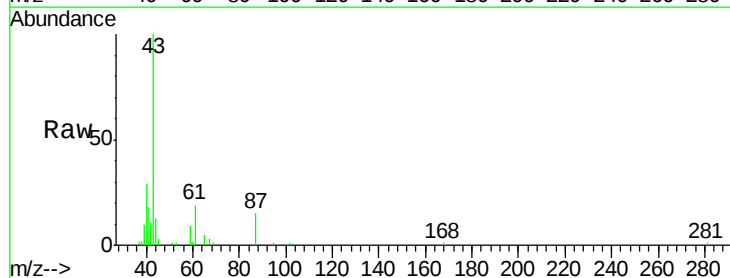
Tgt Ion: 43 Resp: 52215

Ion Ratio Lower Upper

43 100

61 20.5 15.8 23.8

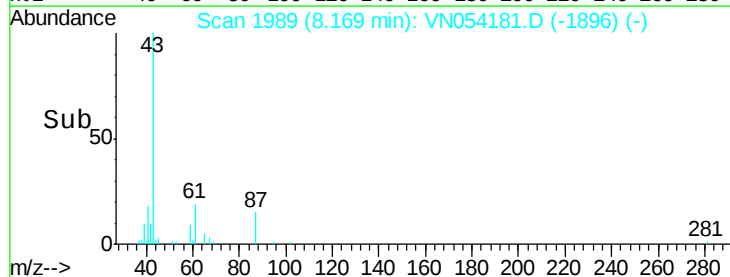
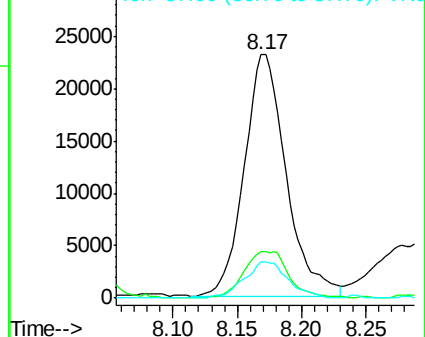
87 15.7 12.0 18.0

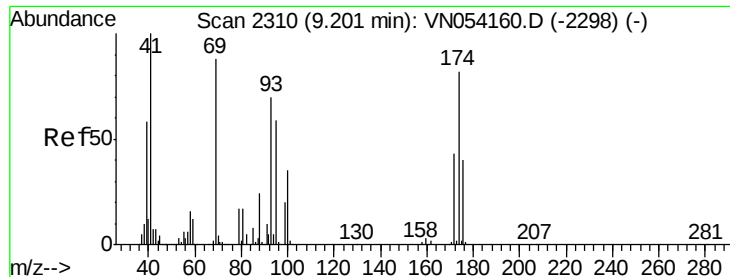


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

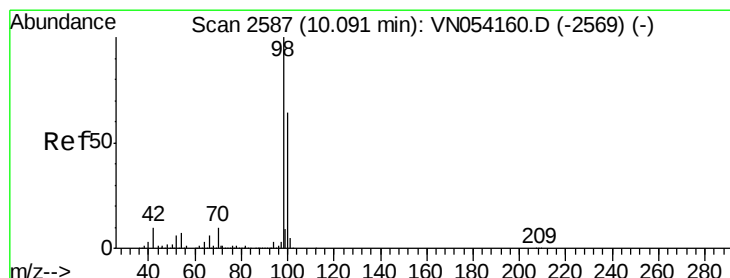
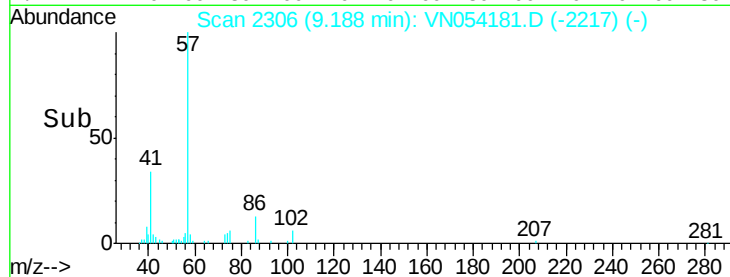
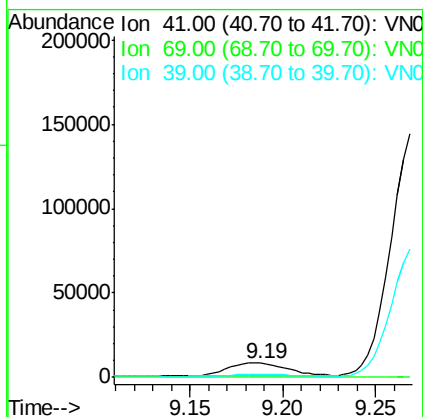
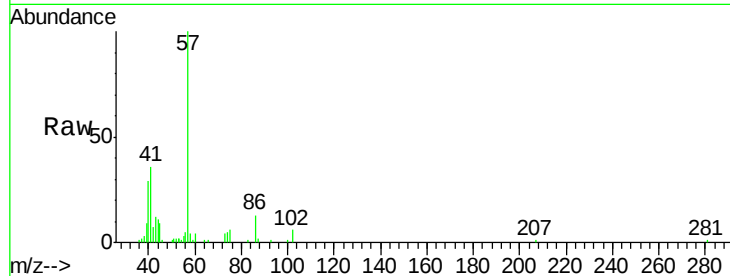




#48
Methvl methacrylate
Concen: 1.583 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.01 min
Lab File: VN054181.D
Acq: 12 Mar 2019 23:57

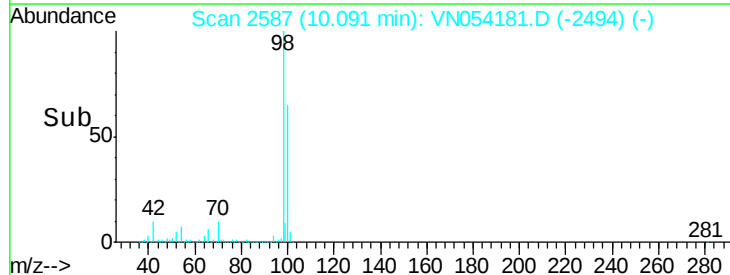
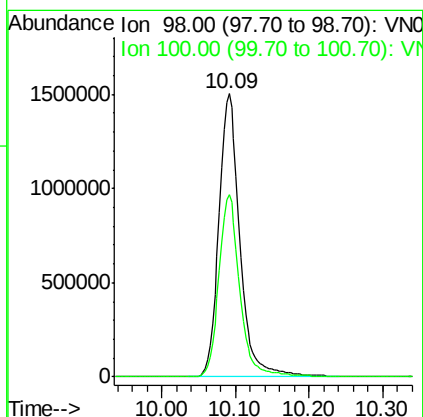
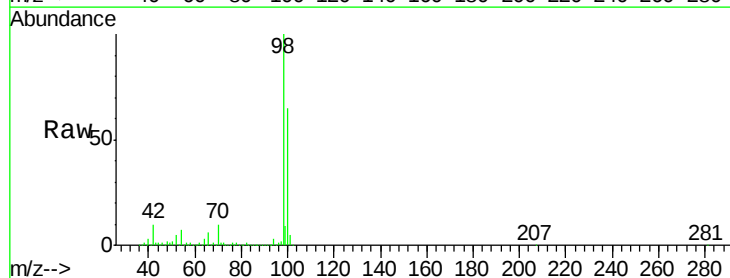
Instrument :
MSVOA_N
ClientSampleId :
PB117843TB

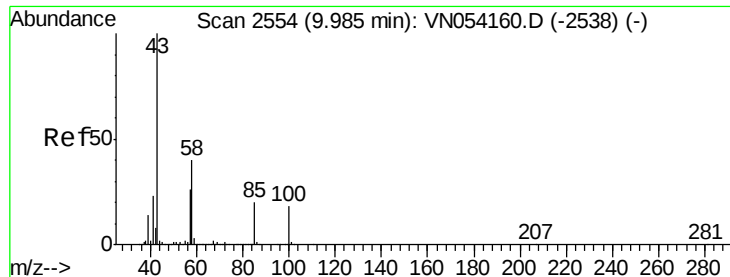
Tot Ion: 41 Resp: 17820
Ion Ratio Lower Upper
41 100
69 0.3 72.6 108.8#
39 0.0 47.5 71.3#



#50
Toluene-d8
Concen: 52.376 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054181.D
Acq: 12 Mar 2019 23:57

Tgt Ion: 98 Resp: 2978946
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 1.479 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

Instrument :

MSVOA_N

ClientSampleID :

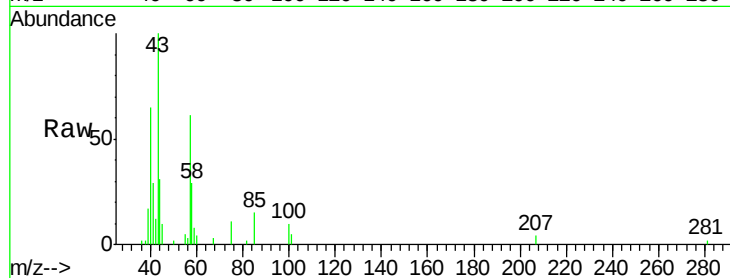
PB117843TB

Tot Ion: 43 Resp: 17362

Ion Ratio Lower Upper

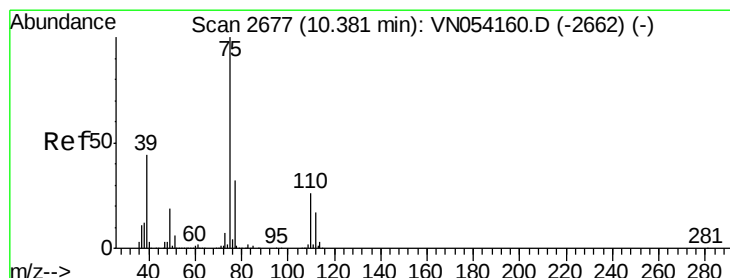
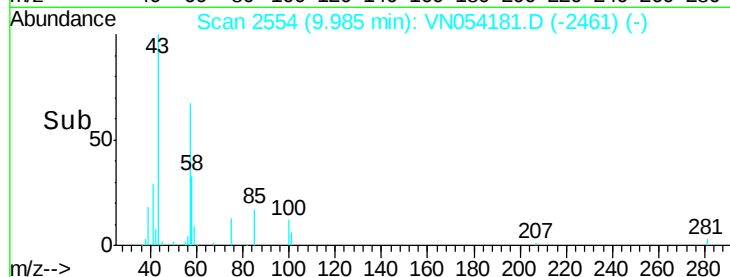
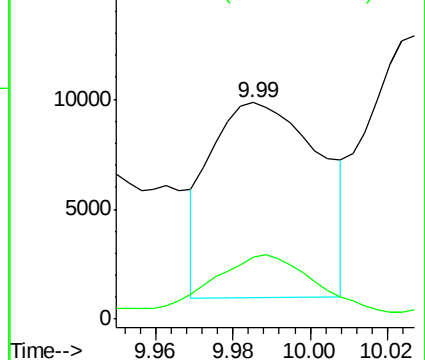
43 100

58 34.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#53

t-1,3-Dichloropropene

Concen: 2.056 ug/l

RT: 10.39 min Scan# 2679

Delta R.T. 0.01 min

Lab File: VN054181.D

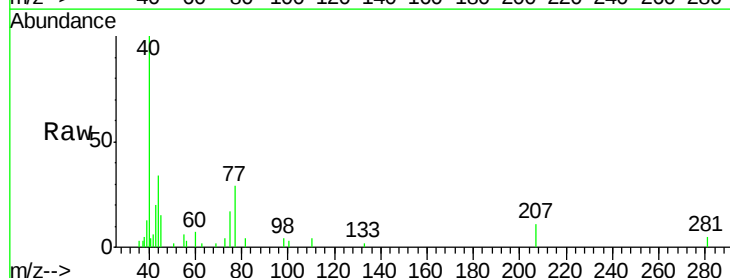
Acq: 12 Mar 2019 23:57

Tgt Ion: 75 Resp: 1754

Ion Ratio Lower Upper

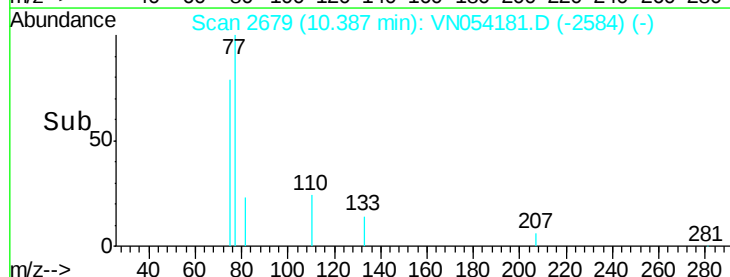
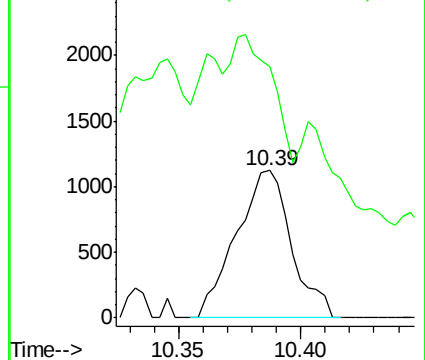
75 100

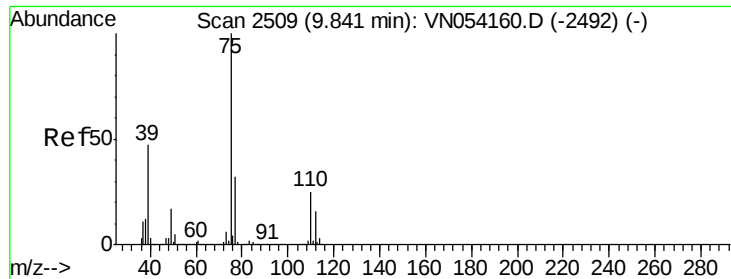
77 76.3 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



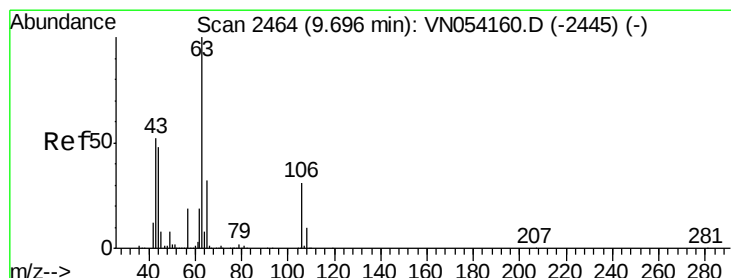
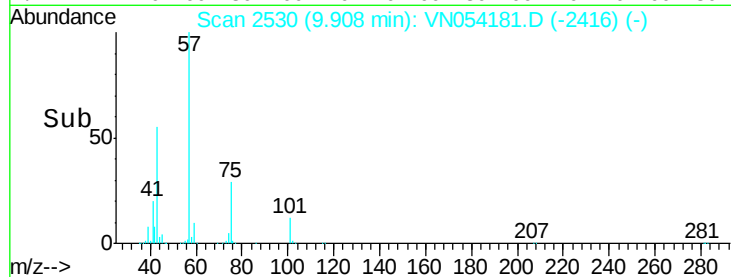
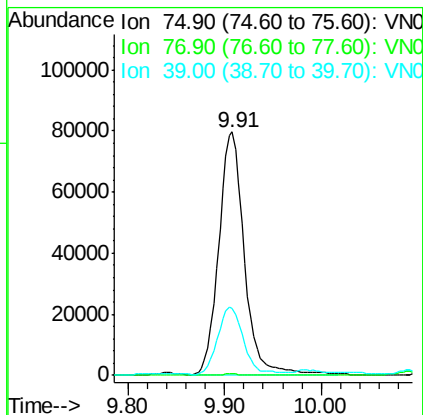
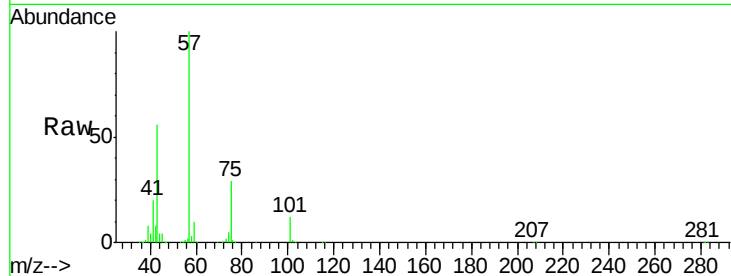


#54

cis-1,3-Dichloropropene
 Concen: 5.874 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN054181.D
 Acq: 12 Mar 2019 23:57

Instrument :
 MSVOA_N
 ClientSampled :
 PB117843TB

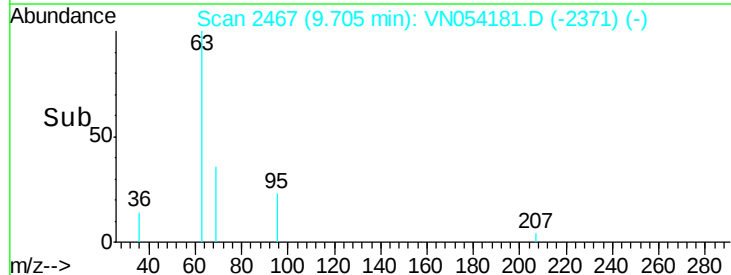
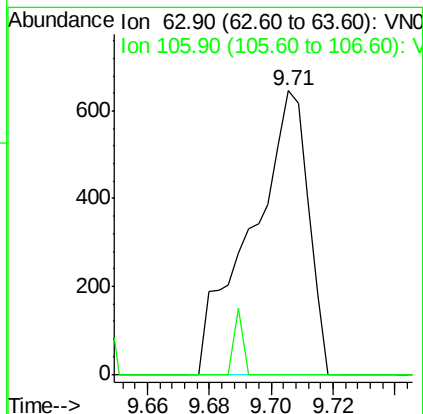
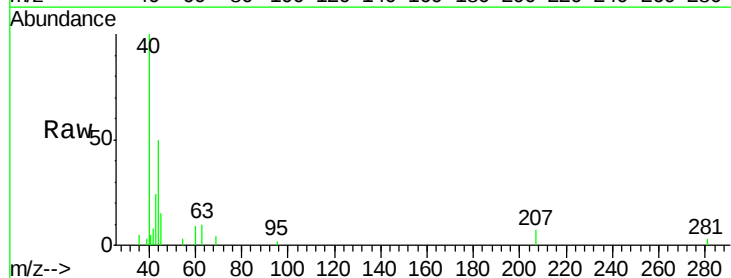
Tot Ion: 75 Resp: 144868
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.4 38.0#
 39 27.1 37.2 55.8#

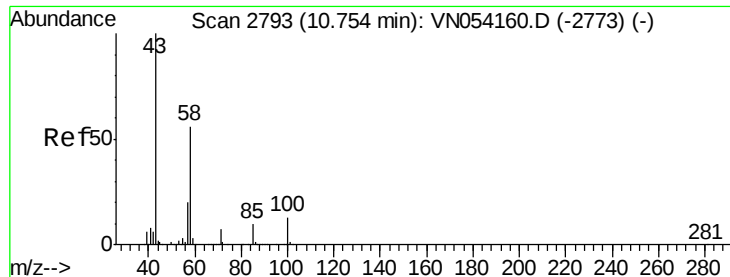


#58

2-Chloroethyl Vinyl ether
 Concen: 16.930 ug/l
 RT: 9.71 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: VN054181.D
 Acq: 12 Mar 2019 23:57

Tgt Ion: 63 Resp: 827
 Ion Ratio Lower Upper
 63 100
 106 3.5 24.4 36.6#





#59

2-Hexanone

Concen: 50.366 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

Instrument :

MSVOA_N

ClientSampled :

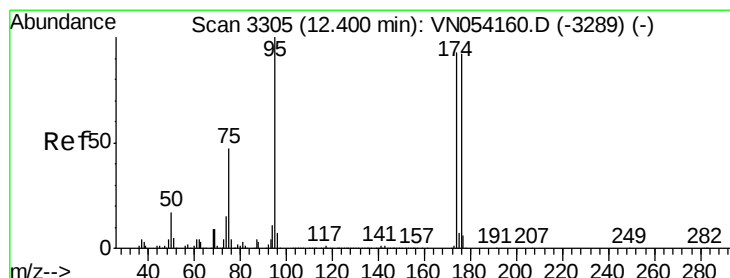
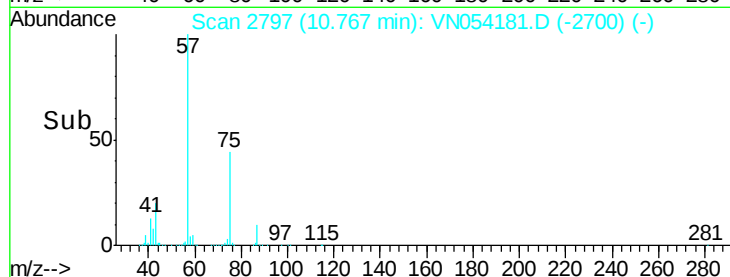
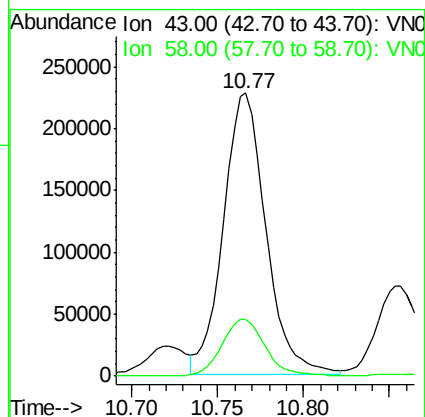
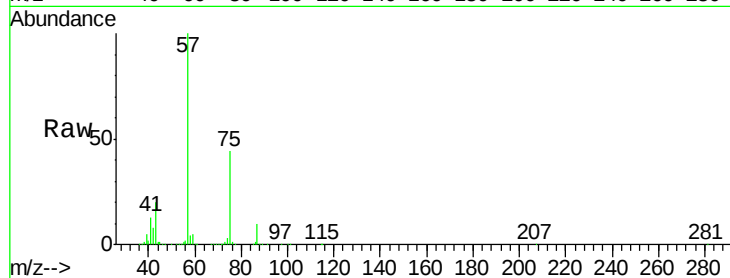
PB117843TB

Tot Ion: 43 Resp: 393345

Ion Ratio Lower Upper

43 100

58 20.7 28.0 83.9#



#62

4-Bromofluorobenzene

Concen: 56.872 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

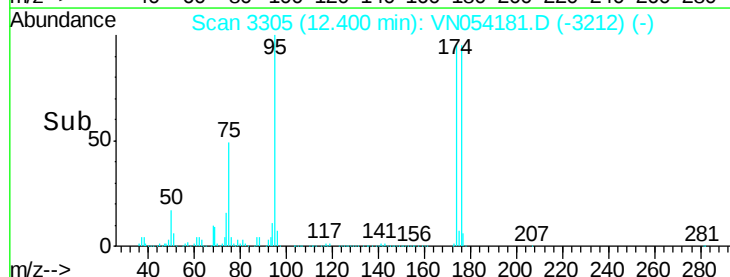
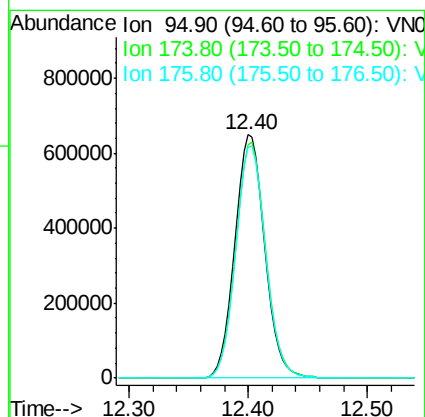
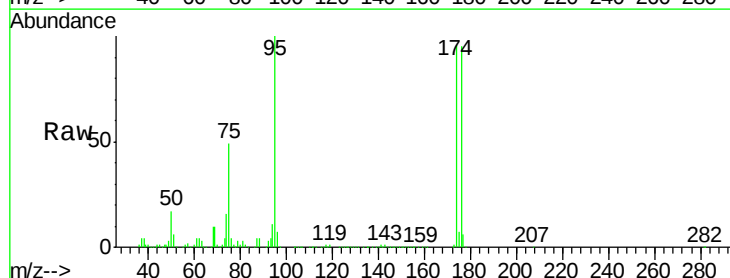
Tgt Ion: 95 Resp: 1131813

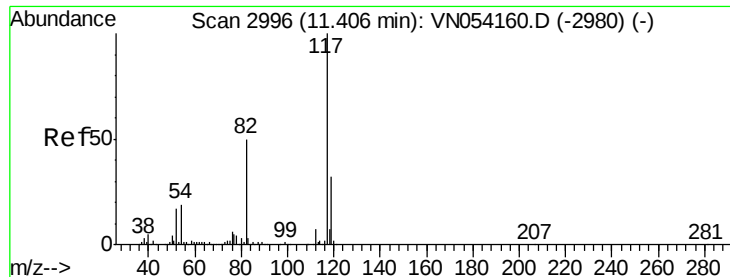
Ion Ratio Lower Upper

95 100

174 96.9 0.0 191.0

176 95.4 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

Instrument :

MSVOA_N

ClientSampled :

PB117843TB

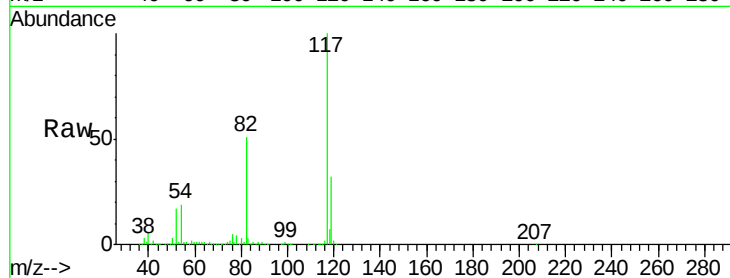
Tot Ion:117 Resp: 2480967

Ion Ratio Lower Upper

117 100

82 51.3 40.0 60.0

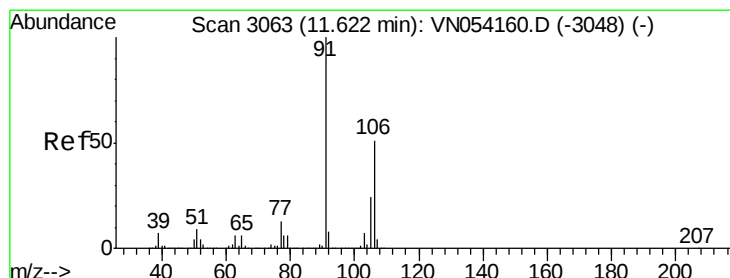
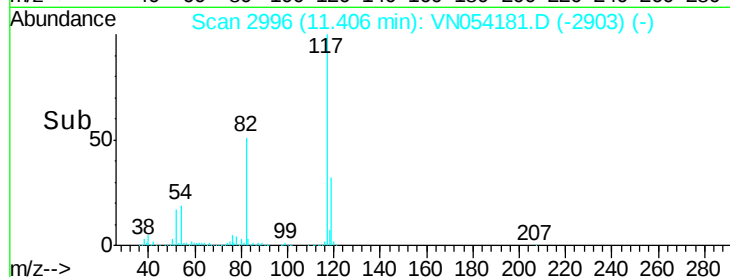
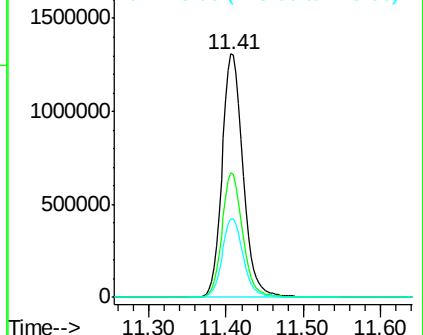
119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 0.215 ug/l

RT: 11.62 min Scan# 3064

Delta R.T. 0.00 min

Lab File: VN054181.D

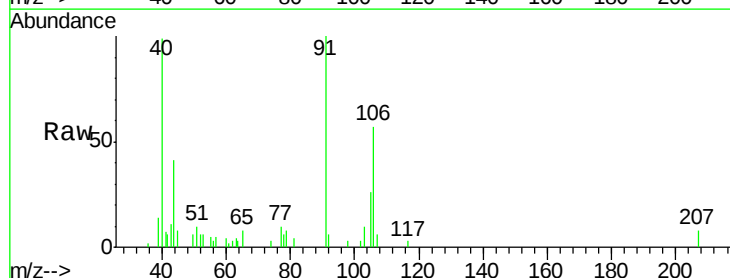
Acq: 12 Mar 2019 23:57

Tgt Ion:106 Resp: 7582

Ion Ratio Lower Upper

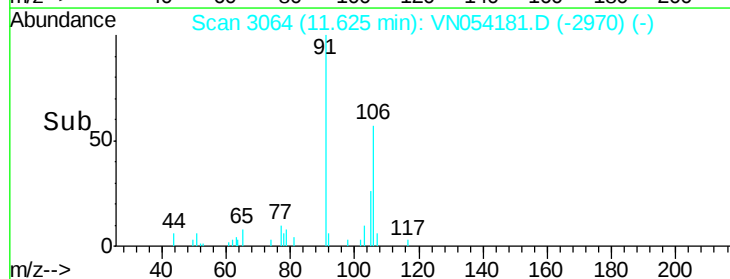
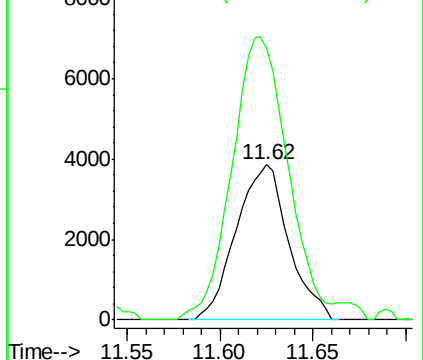
106 100

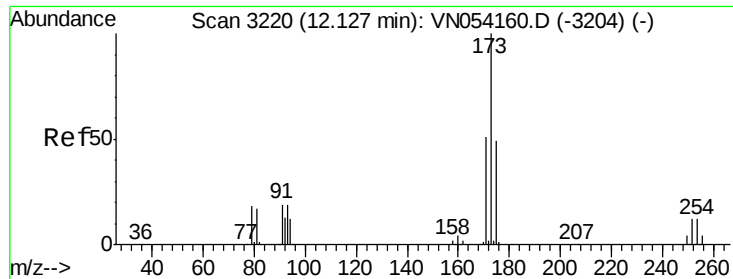
91 194.3 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 2.369 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.01 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

Instrument :

MSVOA_N

ClientSampleId :

PB117843TB

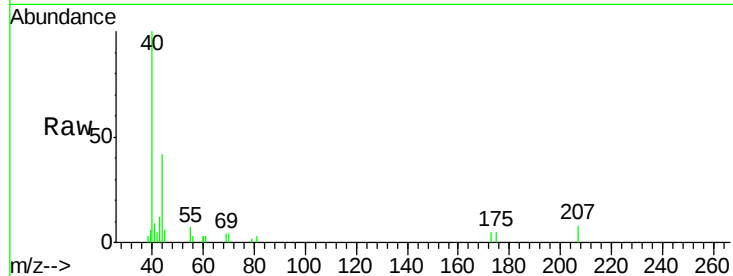
Tot Ion:173 Resp: 285

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.2#

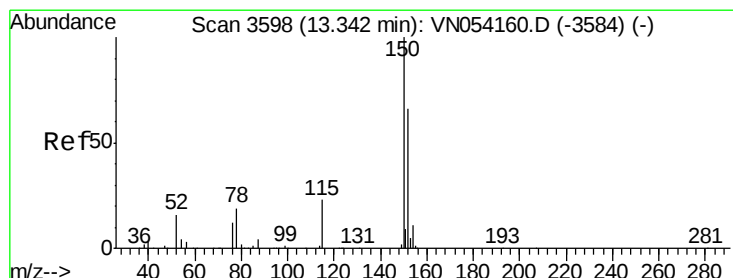
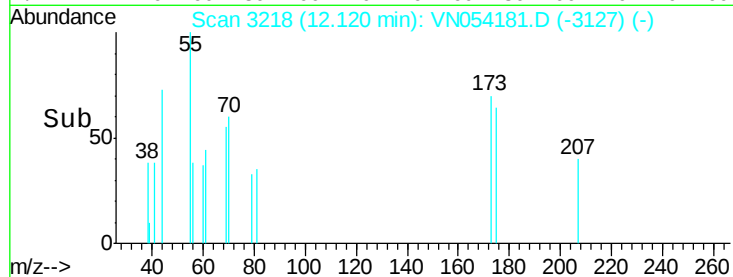
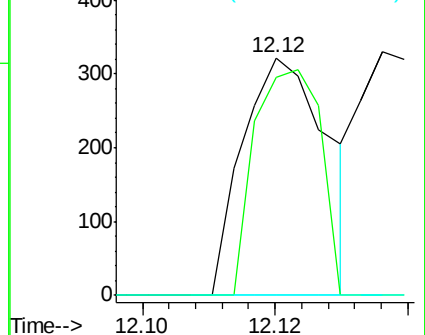
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

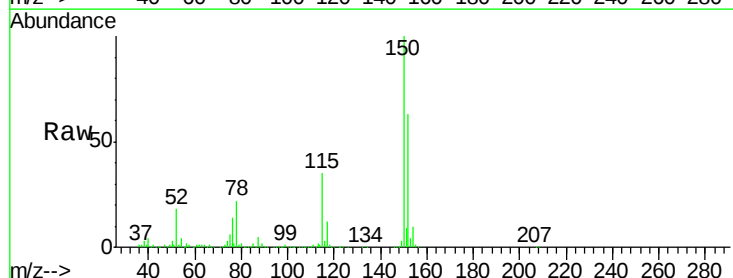
Tgt Ion:152 Resp: 1086445

Ion Ratio Lower Upper

152 100

115 54.9 27.2 81.6

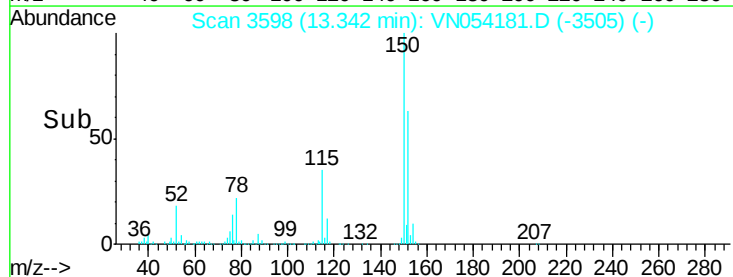
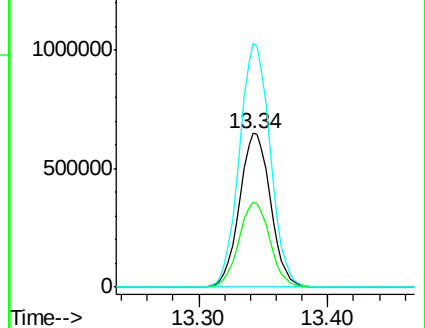
150 157.8 0.0 349.2

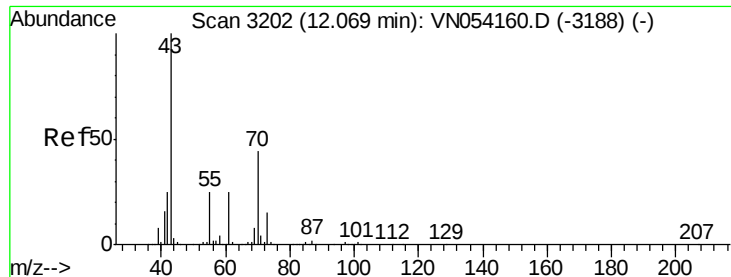


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.431 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

Instrument :

MSVOA_N

ClientSampleId :

PB117843TB

Tot Ion: 43 Resp: 8323

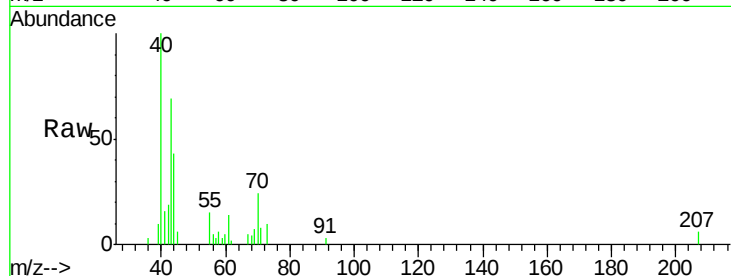
Ion Ratio Lower Upper

43 100

70 42.0 35.4 53.0

55 24.5 19.8 29.6

61 25.1 19.8 29.6

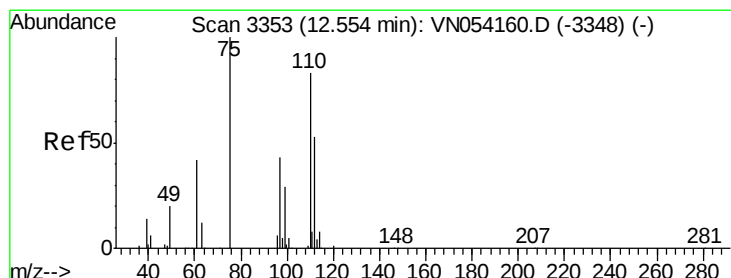
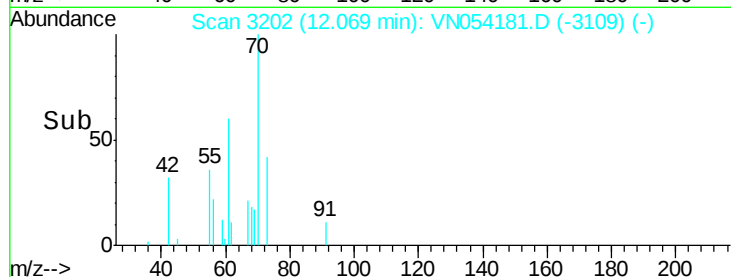
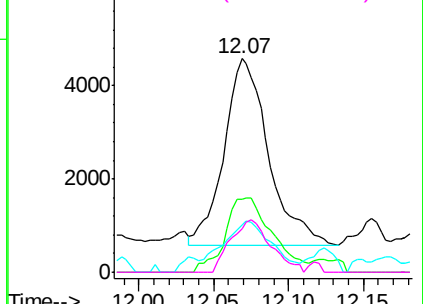


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 33.985 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054181.D

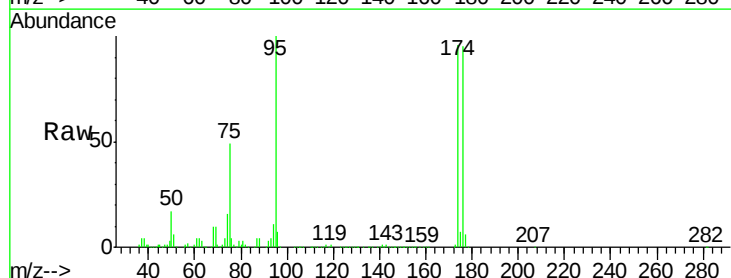
Acq: 12 Mar 2019 23:57

Tgt Ion: 75 Resp: 542967

Ion Ratio Lower Upper

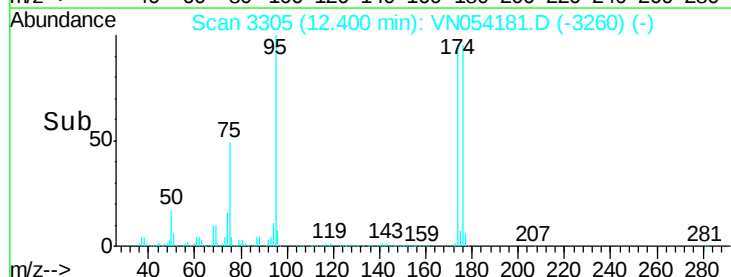
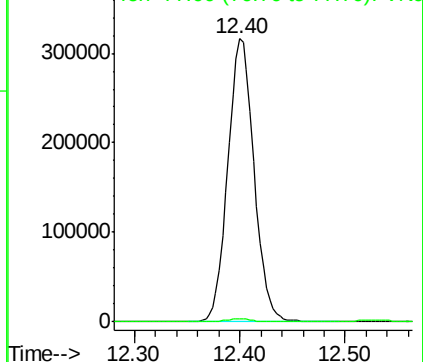
75 100

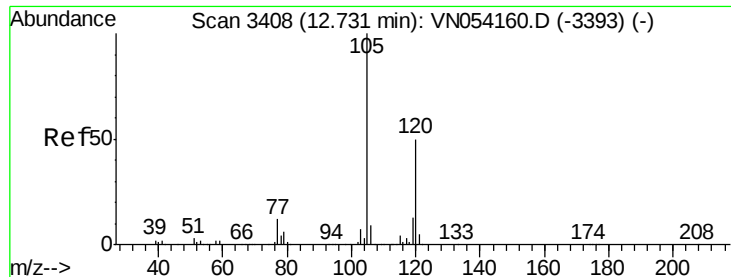
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.648 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

Instrument :

MSVOA_N

ClientSampleId :

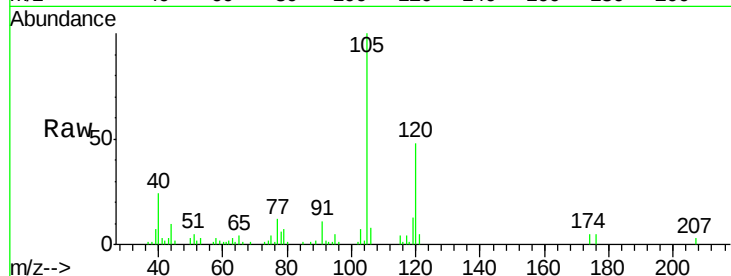
PB117843TB

Tot Ion:105 Resp: 46871

Ion Ratio Lower Upper

105 100

120 48.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

30000

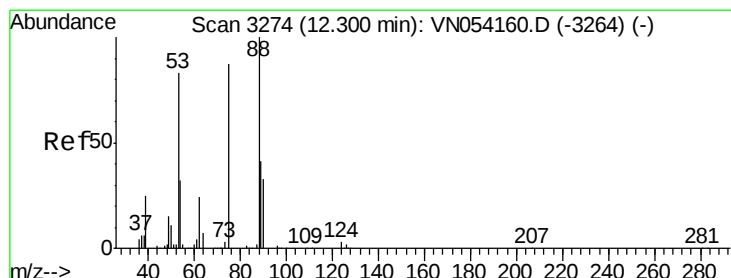
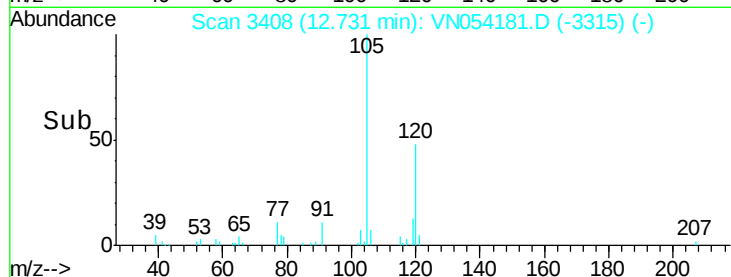
20000

10000

0

12.65 12.70 12.75 12.80

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 116.176 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

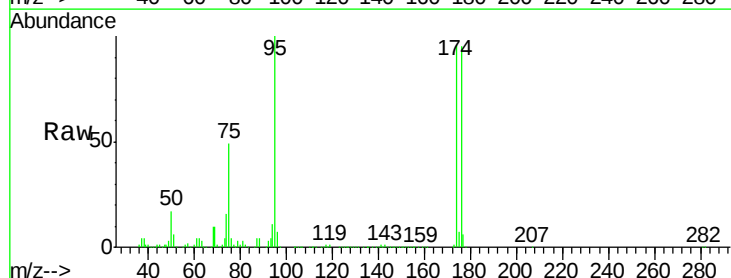
Tgt Ion: 75 Resp: 542967

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

400000

300000

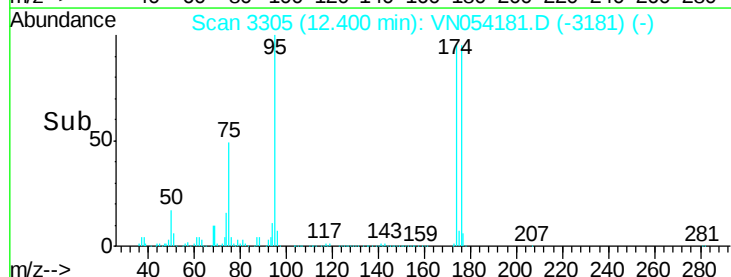
200000

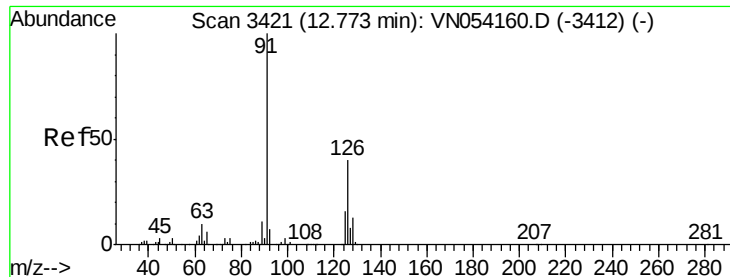
100000

0

12.30 12.40 12.50

Time-->





#82

4-Chlorotoluene

Concen: 0.222 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

Instrument :

MSVOA_N

ClientSampled :

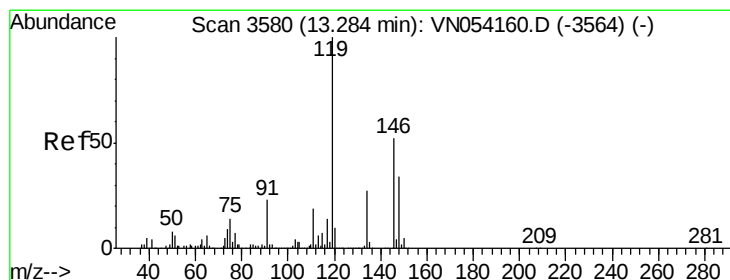
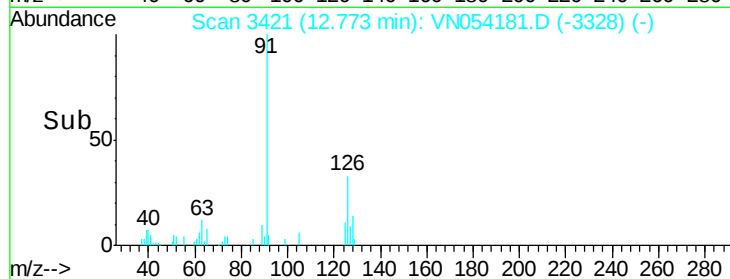
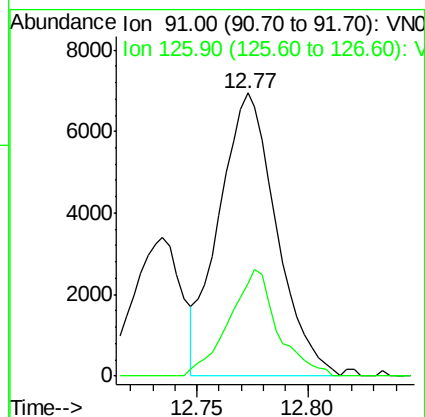
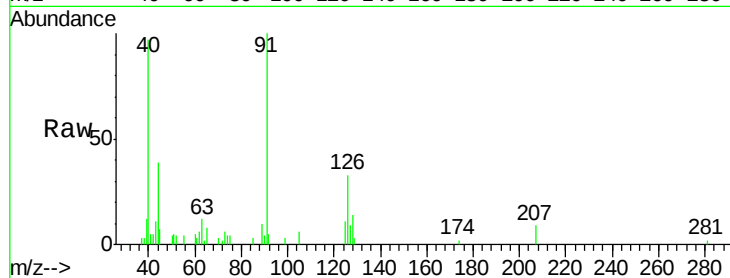
PB117843TB

Tot Ion: 91 Resp: 12556

Ion Ratio Lower Upper

91 100

126 31.7 18.1 54.1



#87

1,3-Dichlorobenzene

Concen: 0.247 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

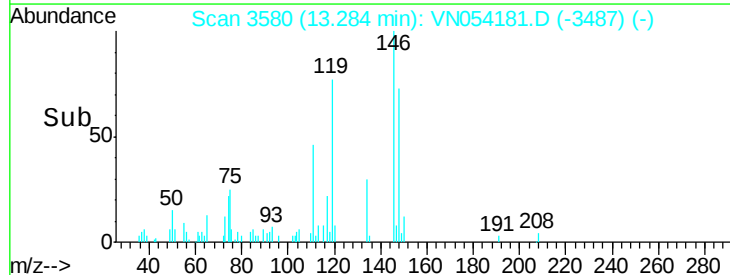
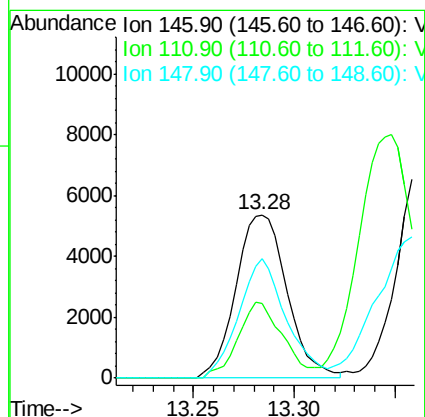
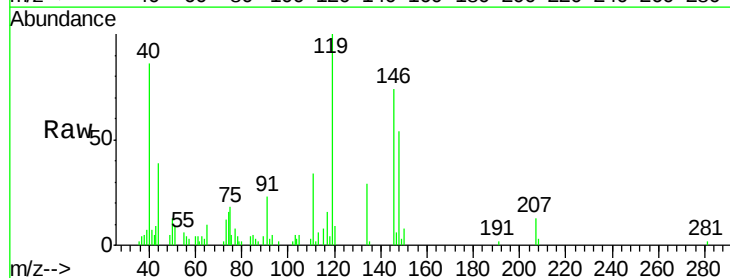
Tgt Ion: 146 Resp: 9554

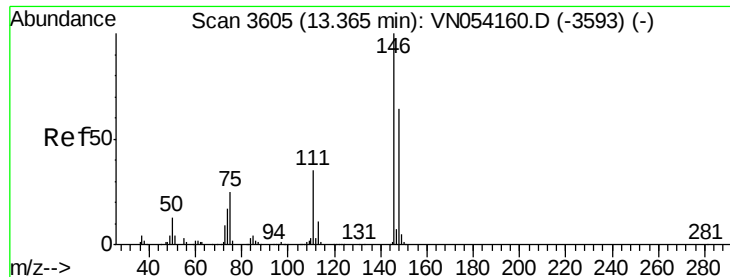
Ion Ratio Lower Upper

146 100

111 40.7 18.8 56.3

148 67.4 32.2 96.6





#88

1,4-Dichlorobenzene

Concen: 0.251 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.08 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

Instrument :

MSVOA_N

ClientSampled :

PB117843TB

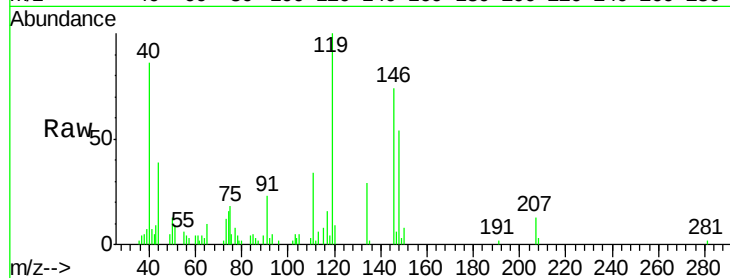
Tot Ion:146 Resp: 9554

Ion Ratio Lower Upper

146 100

111 40.7 18.1 54.1

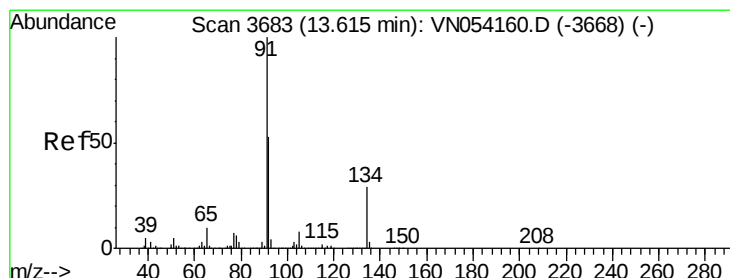
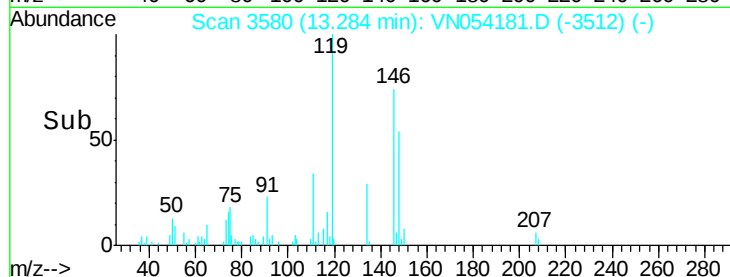
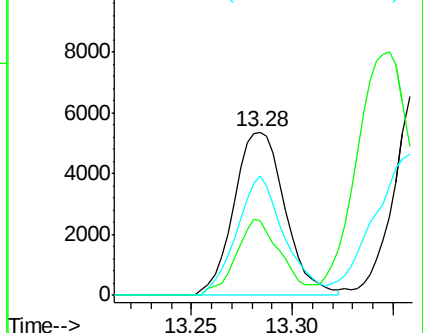
148 67.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.318 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

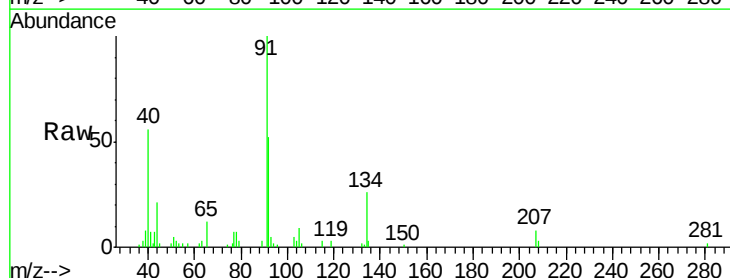
Tgt Ion: 91 Resp: 18278

Ion Ratio Lower Upper

91 100

92 54.4 26.2 78.6

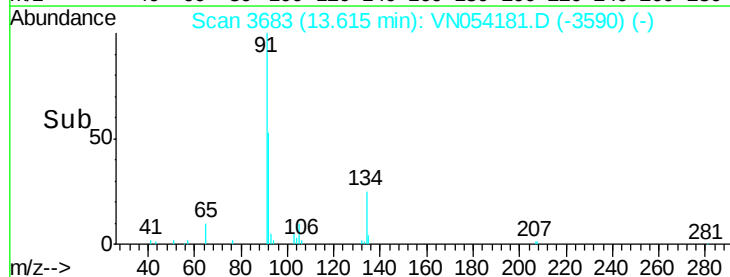
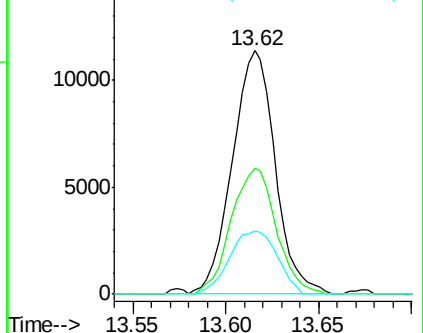
134 28.9 14.3 42.9

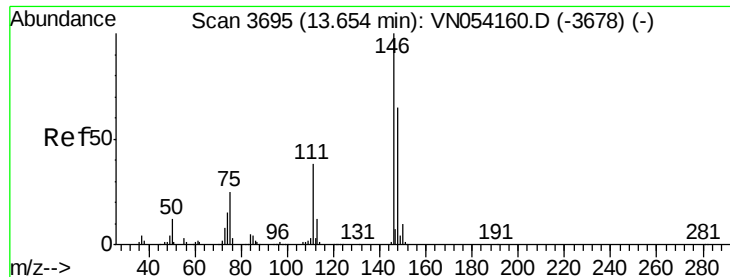


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

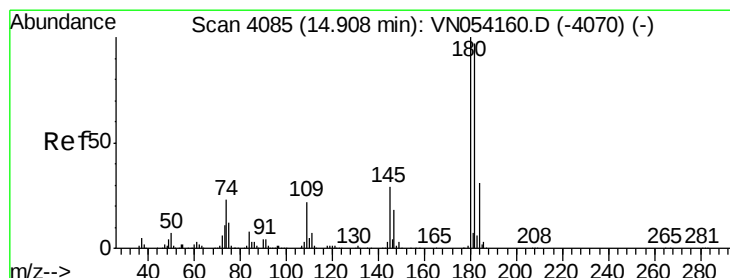
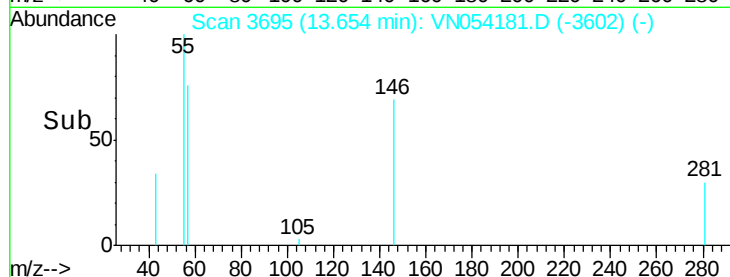
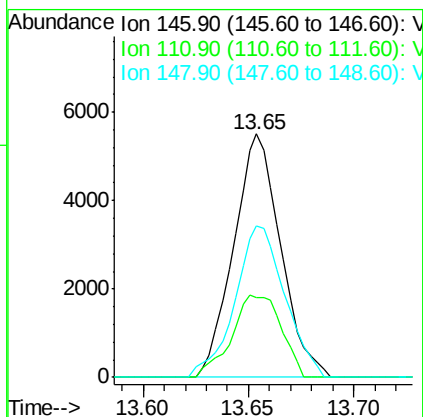
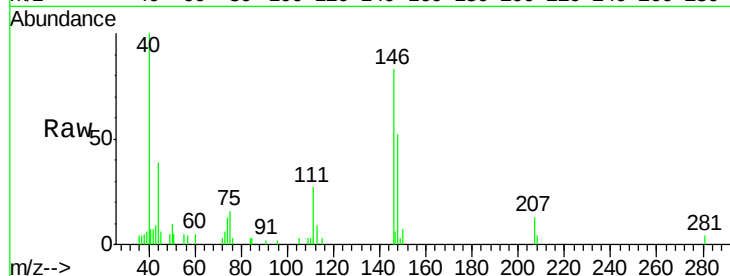




#91
 1,2-Dichlorobenzene
 Concen: 0.225 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN054181.D
 Acq: 12 Mar 2019 23:57

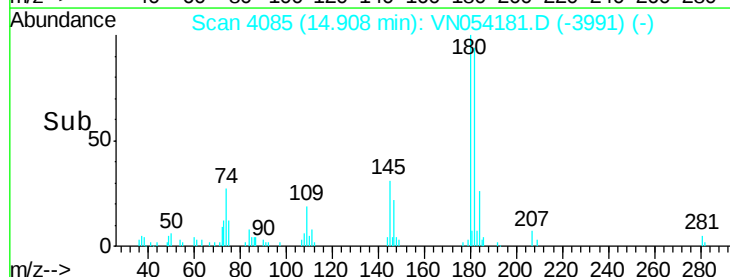
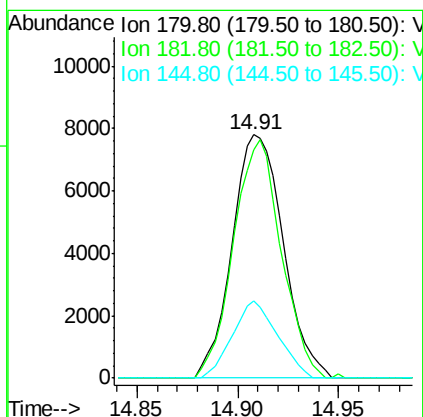
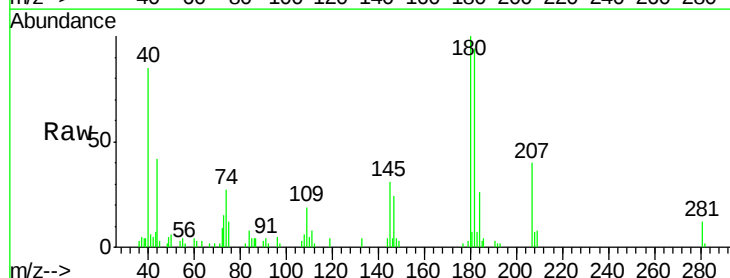
Instrument :
 MSVOA_N
 ClientSampled :
 PB117843TB

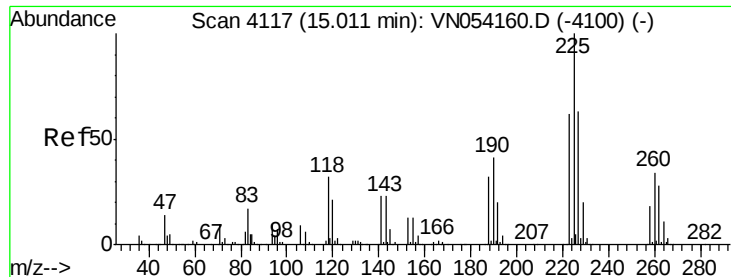
Tot Ion:	146	Resp:	8518
Ion	Ratio	Lower	Upper
146	100		
111	35.5	19.1	57.3
148	66.1	32.4	97.0



#93
 1,2,4-Trichlorobenzene
 Concen: 3.091 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054181.D
 Acq: 12 Mar 2019 23:57

Tgt Ion:	180	Resp:	13844
Ion	Ratio	Lower	Upper
180	100		
182	91.6	48.0	144.2
145	28.0	14.2	42.8





#94

Hexachlorobutadiene

Concen: 0.382 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. -0.00 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

Instrument :

MSVOA_N

ClientSampled :

PB117843TB

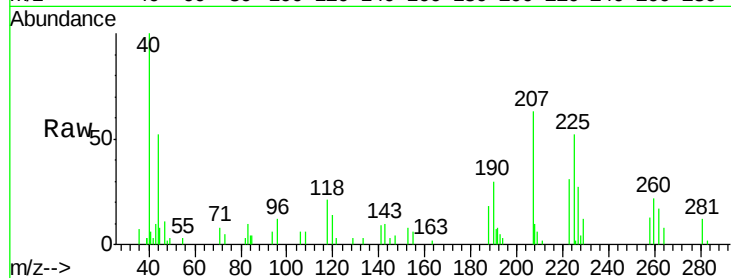
Tot Ion:225 Resp: 5506

Ion Ratio Lower Upper

225 100

223 63.0 31.1 93.5

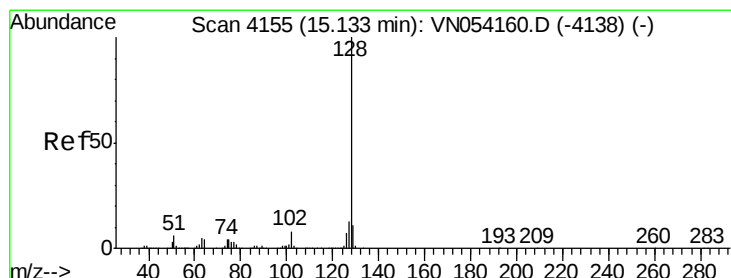
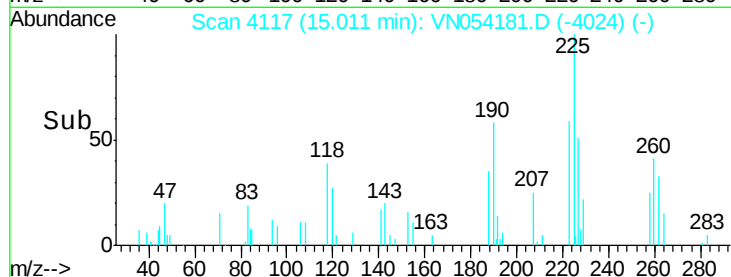
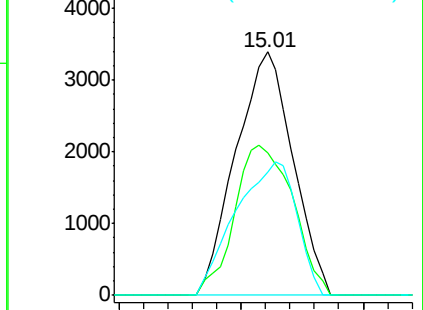
227 58.9 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.282 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

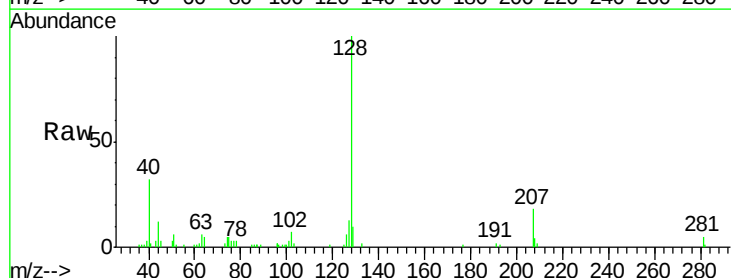
Tgt Ion:128 Resp: 41613

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

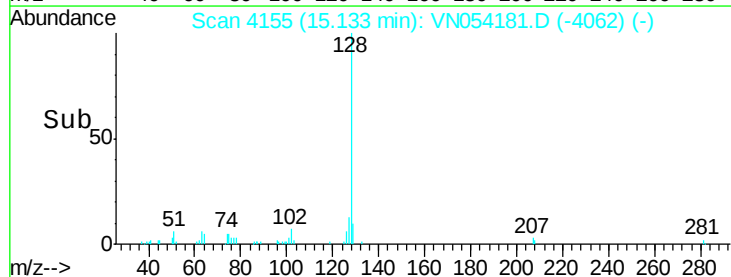
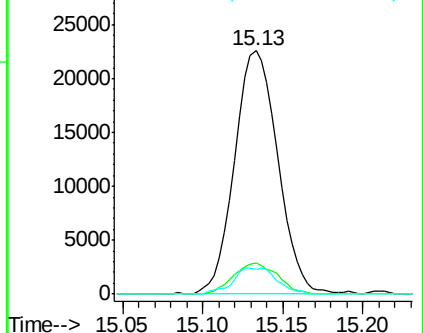
129 10.8 8.7 13.1

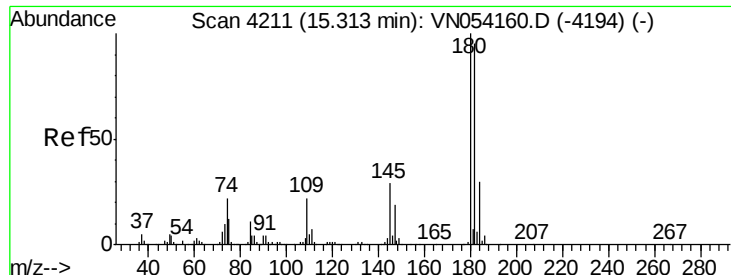


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.724 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN054181.D

Acq: 12 Mar 2019 23:57

Instrument :

MSVOA_N

ClientSampleId :

PB117843TB

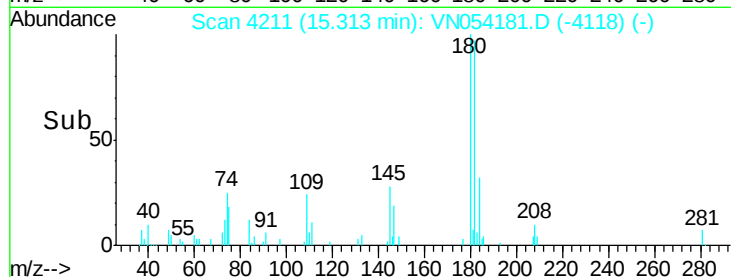
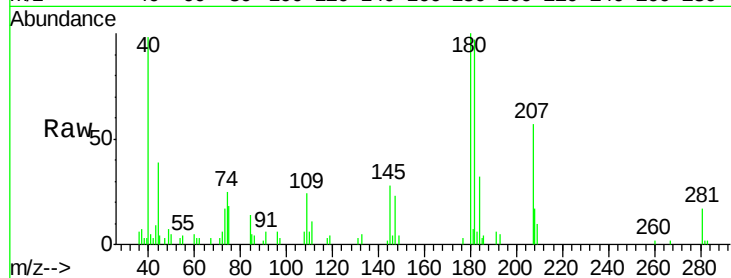
Tot Ion:180 Resp: 14571

Ion Ratio Lower Upper

180 100

182 95.5 47.5 142.6

145 28.6 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

