

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\
 Data File : VN061122.D
 Acq On : 21 Apr 2020 00:10
 Operator : JC/MD
 Sample : PB128313TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128313TB

Quant Time: Apr 21 04:07:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	147516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	251842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	239653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	106324	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	100977	53.50	ug/l	0.00
Spiked Amount			Recovery	=	107.00%	
35) Dibromofluoromethane	7.56	113	75456	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
50) Toluene-d8	10.08	98	314755	56.64	ug/l	0.00
Spiked Amount			Recovery	=	113.28%	
62) 4-Bromofluorobenzene	12.40	95	116374	53.43	ug/l	0.00
Spiked Amount			Recovery	=	106.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	5870	7.066	ug/l	98
18) Methyl Acetate	4.29	43	1654	0.635	ug/l #	54
20) Methylene Chloride	4.52	84	867	0.478	ug/l	89
25) 2-Butanone	6.81	43	1180	0.927	ug/l #	51
31) Cyclohexane	7.64	56	3628	1.032	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11806	4.543	ug/l #	50
38) Carbon Tetrachloride	7.64	117	14384	6.650	ug/l #	15
43) Isopropyl Acetate	8.14	43	58030	12.644	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	1104	0.530	ug/l #	43
48) Methyl methacrylate	9.16	41	3036	1.497	ug/l #	14
51) 4-Methyl-2-Pentanone	9.97	43	5735	2.168	ug/l	99
54) cis-1,3-Dichloropropene	9.89	75	24149	7.512	ug/l #	60
56) Ethyl methacrylate	10.53	69	664	0.241	ug/l #	1
57) 1,3-Dichloropropane	10.75	76	4182	1.340	ug/l #	43
59) 2-Hexanone	10.75	43	62277	32.640	ug/l #	53
71) Bromoform	12.40	173	542	0.410	ug/l #	1
74) N-amyl acetate	12.06	43	1172	0.296	ug/l #	45
76) 1,2,3-Trichloropropane	12.39	75	60848	26.018	ug/l #	100
79) 2-Chlorotoluene	12.77	91	1293	0.221	ug/l	91
80) 1,3,5-Trimethylbenzene	12.73	105	7592	1.078	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.39	75	60848	64.175	ug/l #	12
82) 4-Chlorotoluene	12.77	91	1293	0.213	ug/l	92
87) 1,3-Dichlorobenzene	13.28	146	862	0.243	ug/l	95
88) 1,4-Dichlorobenzene	13.28	146	862	0.242	ug/l	96
89) n-Butylbenzene	13.61	91	1986	0.299	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	805	0.238	ug/l	82
93) 1,2,4-Trichlorobenzene	14.91	180	1628	0.813	ug/l	90
94) Hexachlorobutadiene	15.01	225	523	0.508	ug/l	80
95) Naphthalene	15.13	128	5781	0.990	ug/l	95
96) 1,2,3-Trichlorobenzene	15.31	180	1567	0.812	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

Instrument :

MSVOA_N

ClientSampleId :

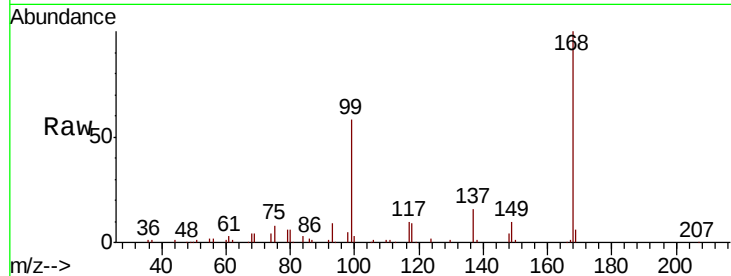
PB128313TB

Tot Ion:168 Resp: 147516

Ion Ratio Lower Upper

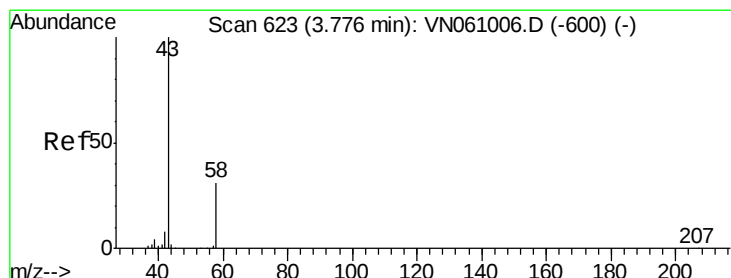
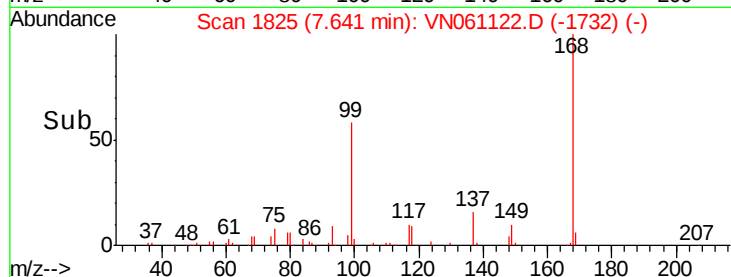
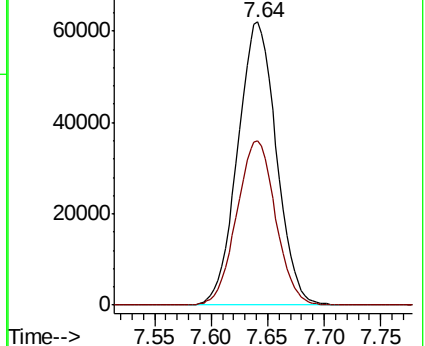
168 100

99 58.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 7.066 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061122.D

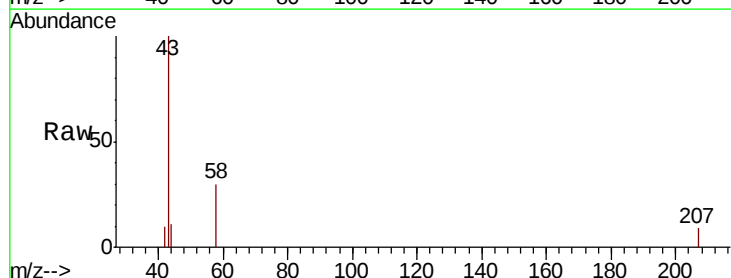
Acq: 21 Apr 2020 00:10

Tgt Ion: 43 Resp: 5870

Ion Ratio Lower Upper

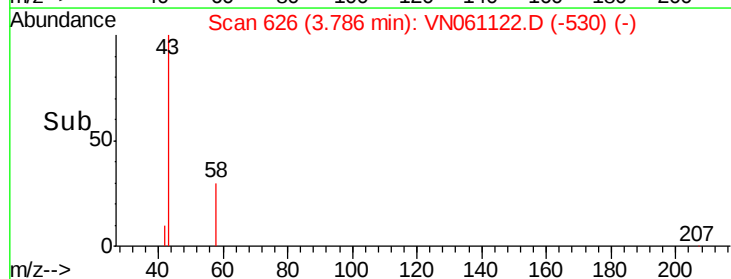
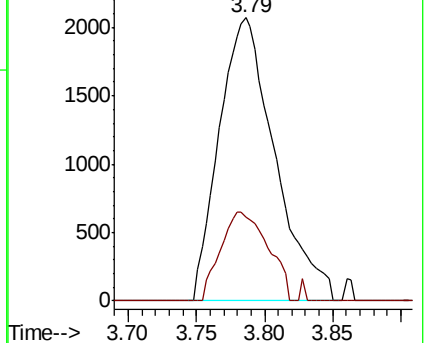
43 100

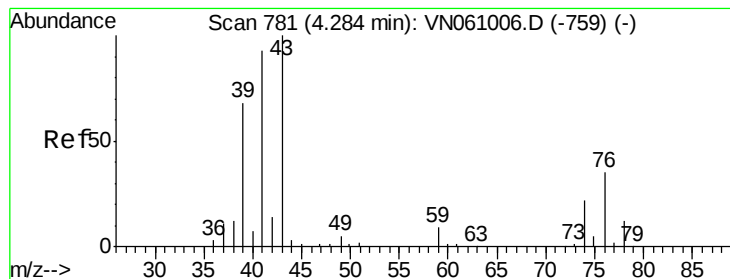
58 29.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methyl Acetate

Concen: 0.635 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.01 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

Instrument :

MSVOA_N

ClientSampled :

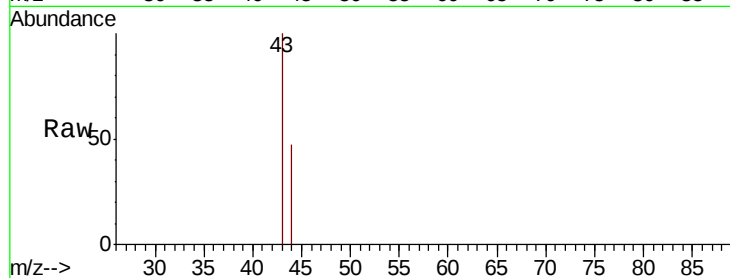
PB128313TB

Tot Ion: 43 Resp: 1654

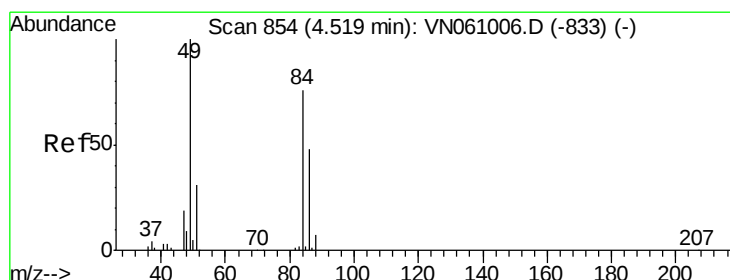
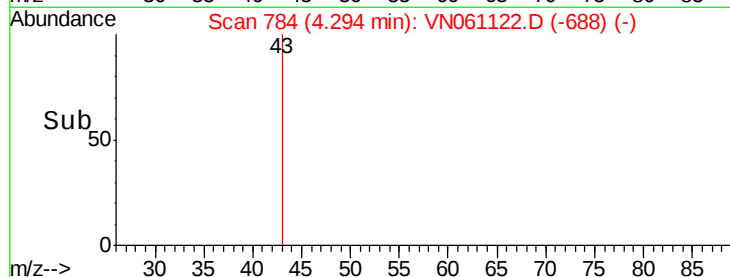
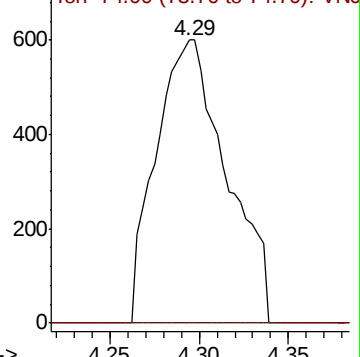
Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-759) (-)



#20

Methylene Chloride

Concen: 0.478 ug/l

RT: 4.52 min Scan# 853

Delta R.T. -0.00 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

Tgt Ion: 84 Resp: 867

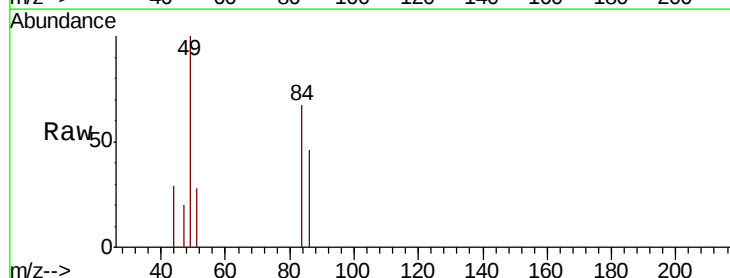
Ion Ratio Lower Upper

84 100

49 113.1 105.8 158.6

51 40.8 32.4 48.6

86 68.8 51.1 76.7

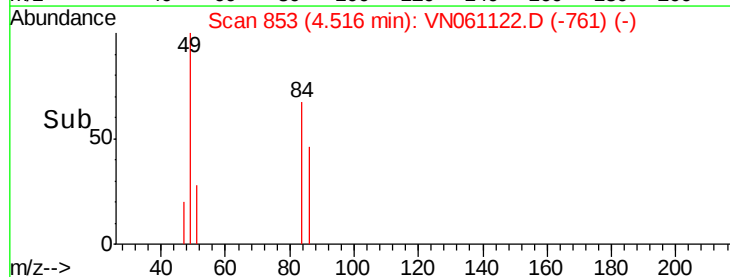
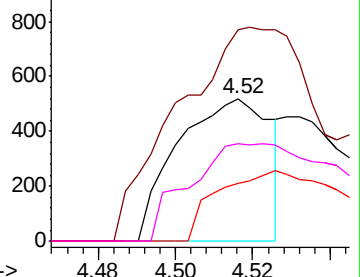


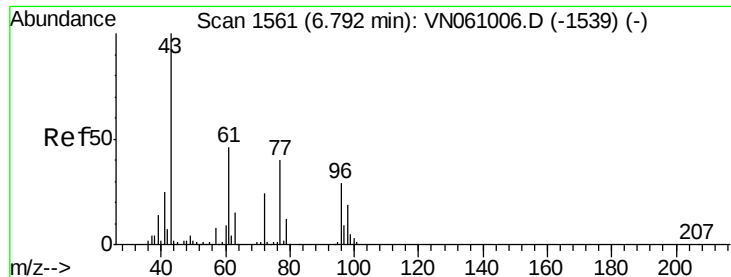
Abundance Ion 83.90 (83.60 to 84.60): VN061006.D (-833) (-)

Ion 48.90 (48.60 to 49.60): VN061006.D (-833) (-)

Ion 50.90 (50.60 to 51.60): VN061006.D (-833) (-)

Ion 85.90 (85.60 to 86.60): VN061006.D (-833) (-)

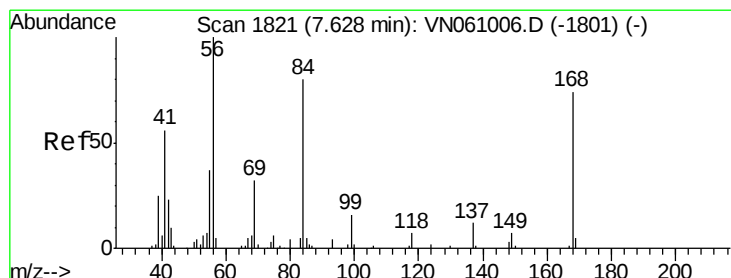
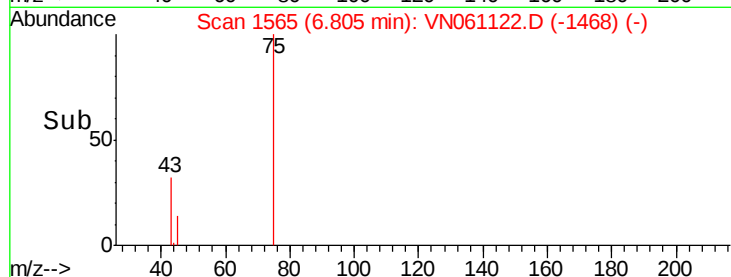
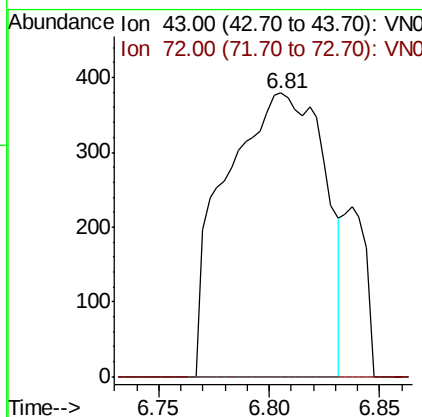
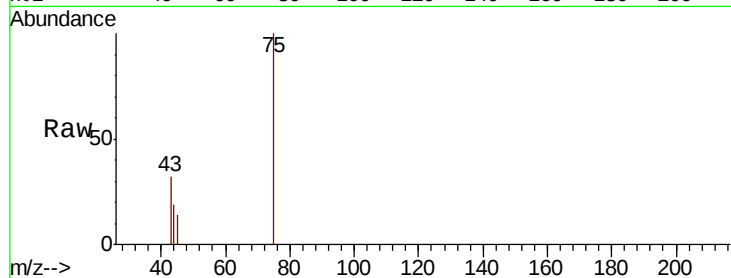




#25
2-Butanone
Concen: 0.927 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VN061122.D
Acq: 21 Apr 2020 00:10

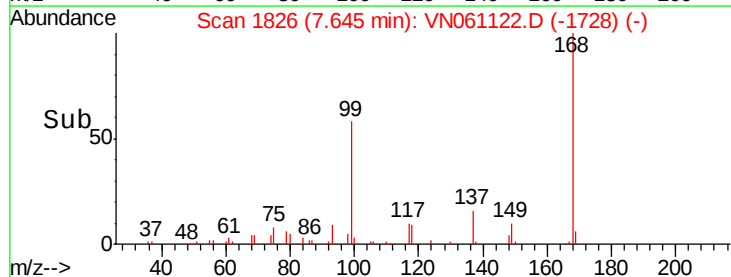
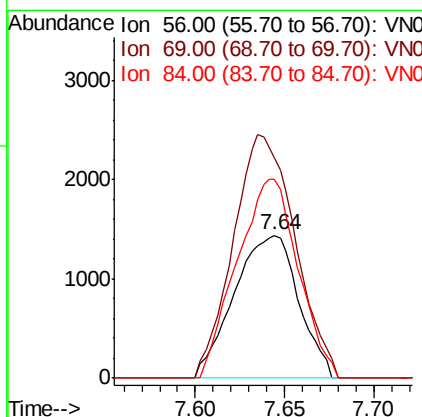
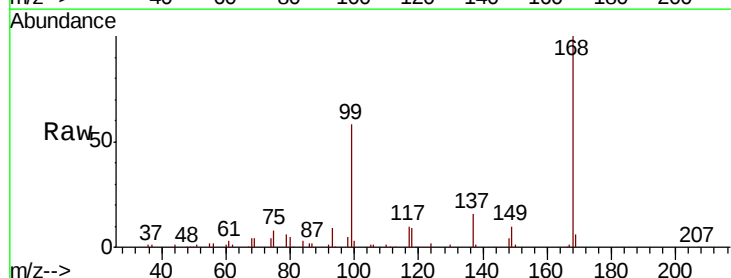
Instrument :
MSVOA_N
ClientSampleId :
PB128313TB

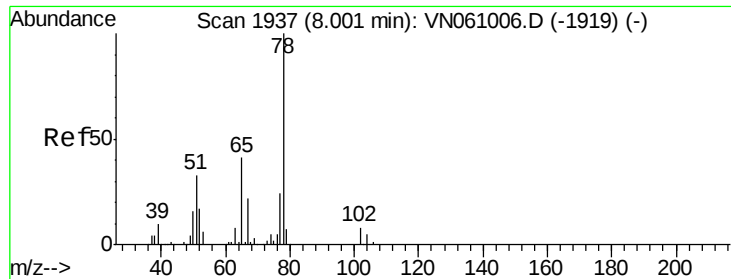
Tot Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
72 0.0 19.6 29.4#



#31
Cyclohexane
Concen: 1.032 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.02 min
Lab File: VN061122.D
Acq: 21 Apr 2020 00:10

Tgt Ion: 56 Resp: 3628
Ion Ratio Lower Upper
56 100
69 154.1 25.6 38.4#
84 139.2 63.4 95.2#

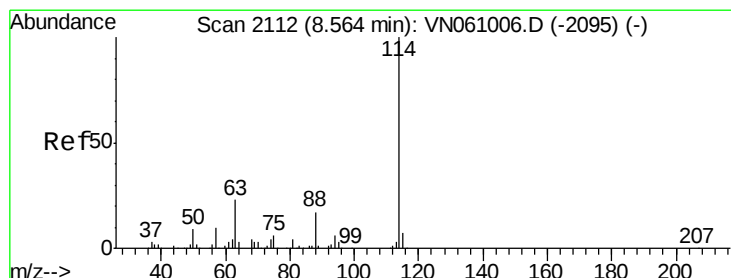
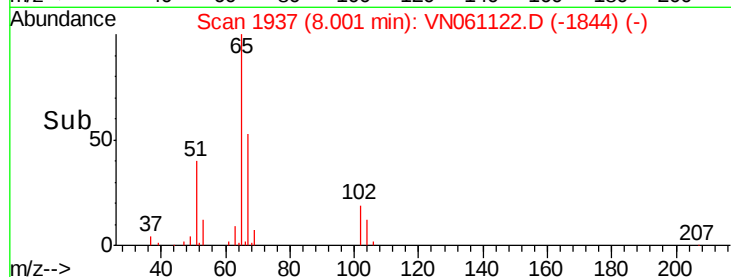
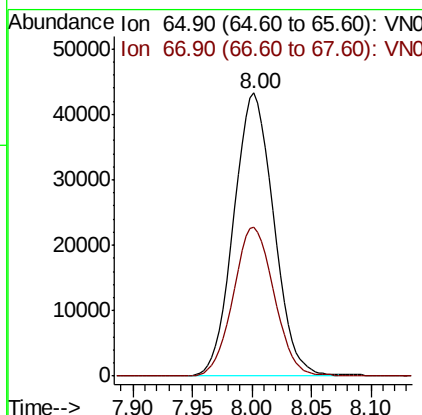
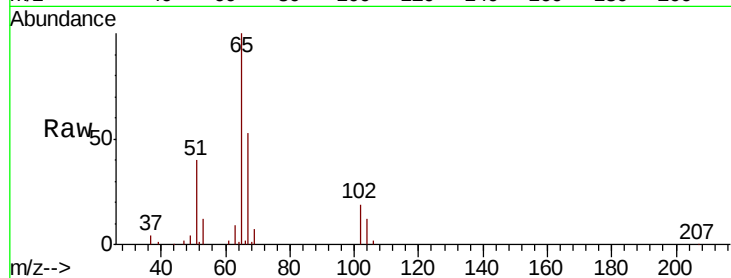




#33
 1,2-Dichloroethane-d4
 Concen: 53.502 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VN061122.D
 Acq: 21 Apr 2020 00:10

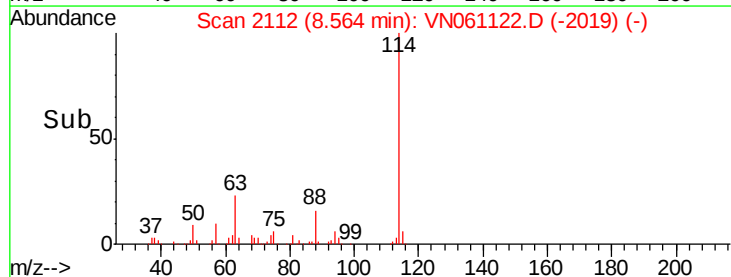
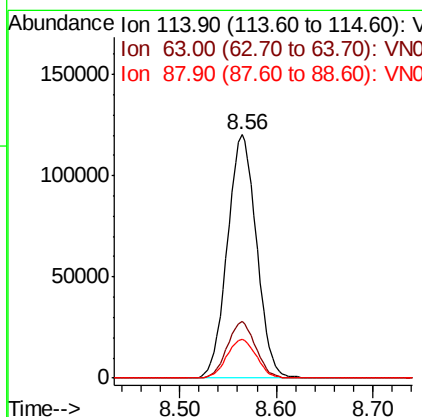
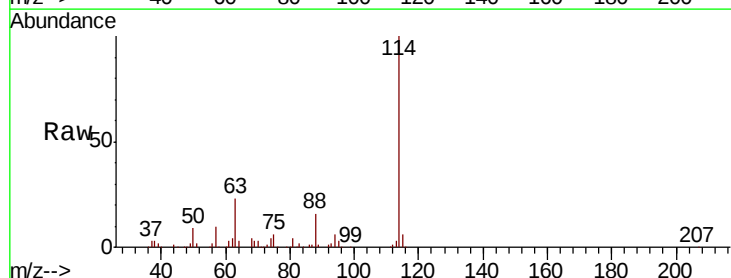
Instrument :
 MSVOA_N
 ClientSampleId :
 PB128313TB

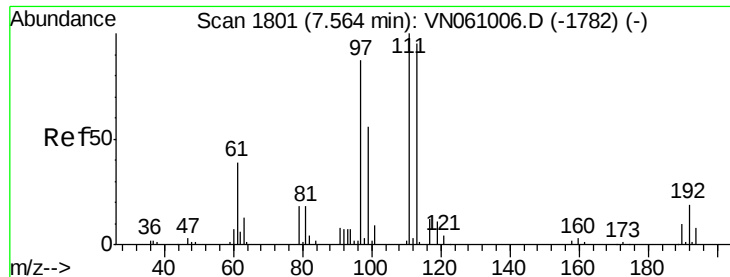
Tot Ion: 65 Resp: 100977
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061122.D
 Acq: 21 Apr 2020 00:10

Tgt Ion: 114 Resp: 251842
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.2
 88 15.9 0.0 33.4

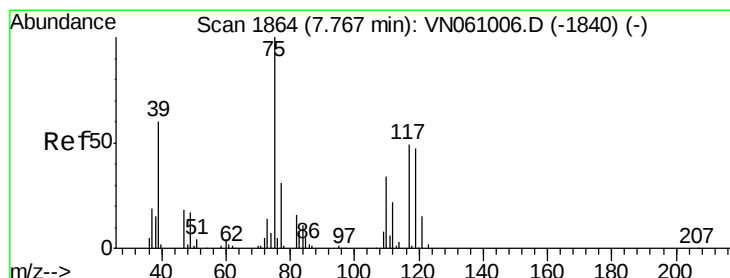
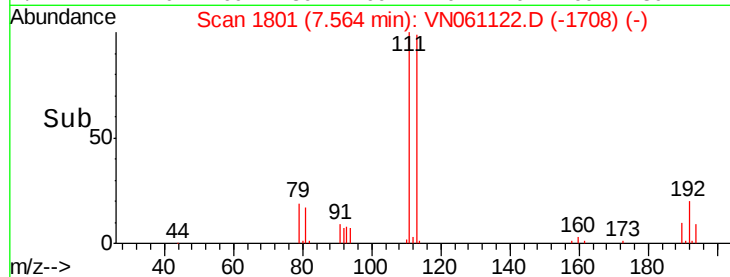
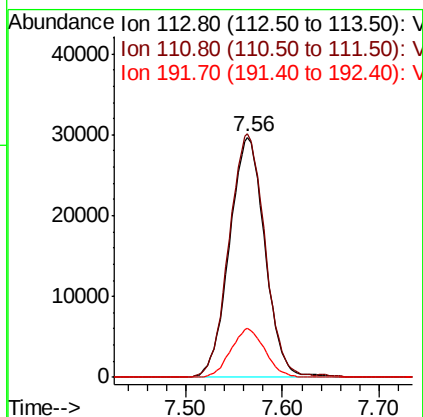
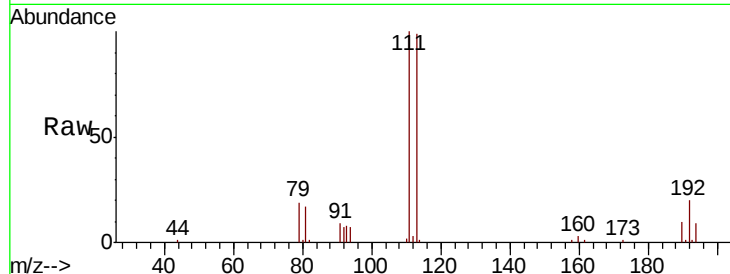




#35
 Dibromofluoromethane
 Concen: 51.305 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061122.D
 Acq: 21 Apr 2020 00:10

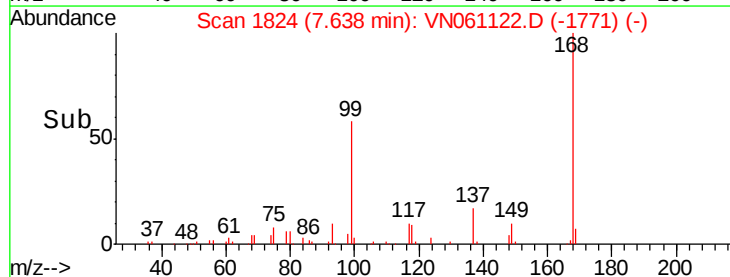
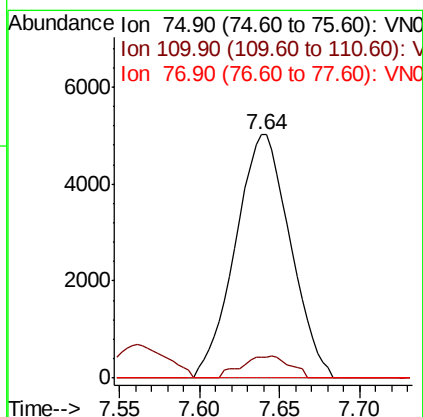
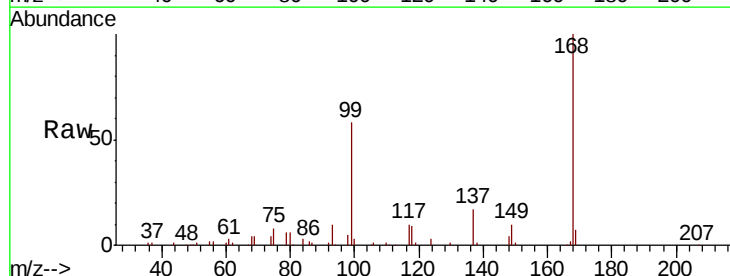
Instrument :
 MSVOA_N
 ClientSampleId :
 PB128313TB

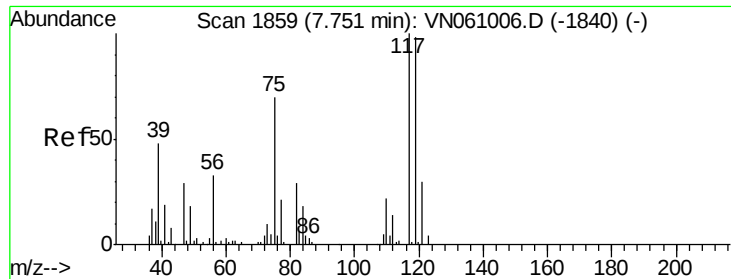
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.4	125.2
192	19.4	15.5	23.3



#36
 1,1-Dichloropropene
 Concen: 4.543 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN061122.D
 Acq: 21 Apr 2020 00:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.8	50.3#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.650 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

Instrument :

MSVOA_N

ClientSampled :

PB128313TB

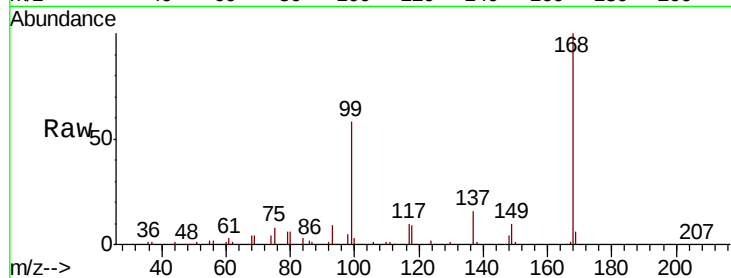
Tot Ion:117 Resp: 14384

Ion Ratio Lower Upper

117 100

119 4.2 78.1 117.1#

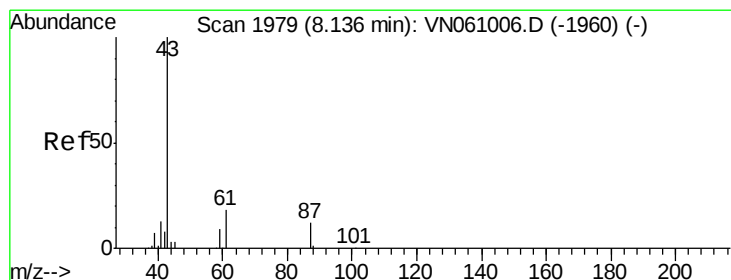
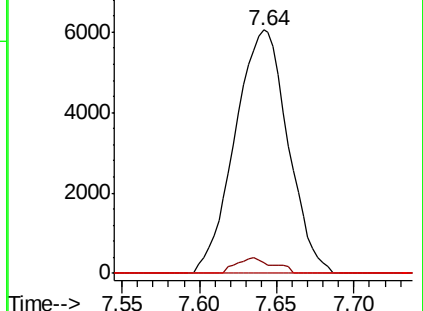
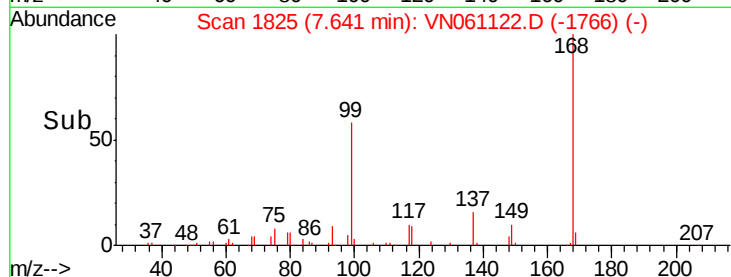
121 0.0 24.0 36.0#



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: 12.644 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

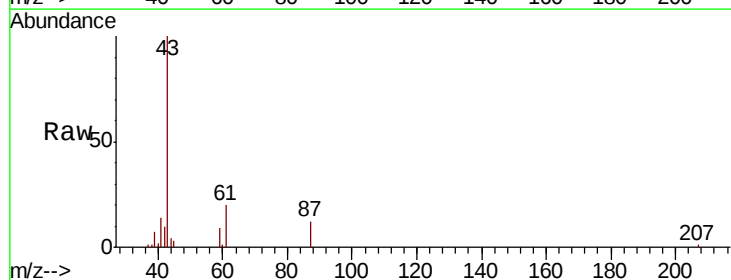
Tgt Ion: 43 Resp: 58030

Ion Ratio Lower Upper

43 100

61 19.1 20.3 30.5#

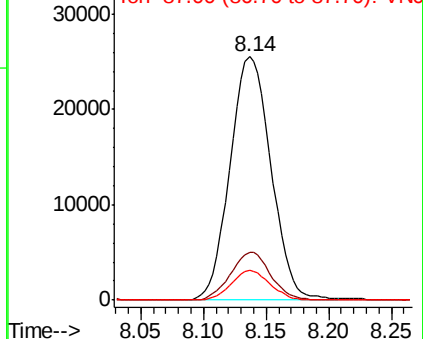
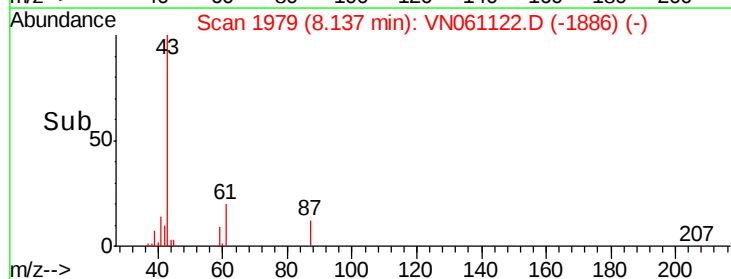
87 11.5 9.4 14.2

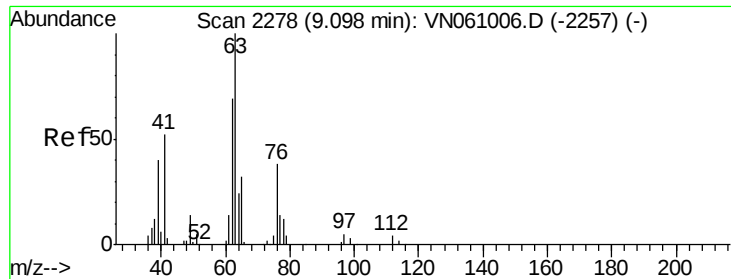


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.530 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.15 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

Instrument :

MSVOA_N

ClientSampleId :

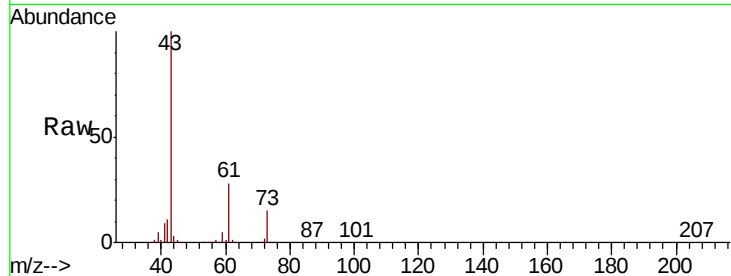
PB128313TB

Tot Ion: 63 Resp: 1104

Ion Ratio Lower Upper

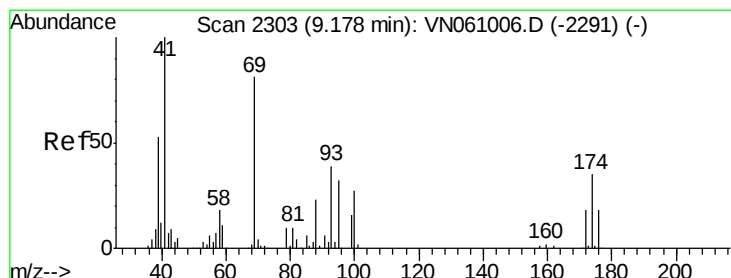
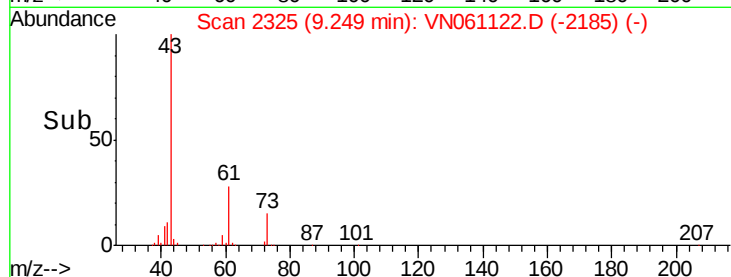
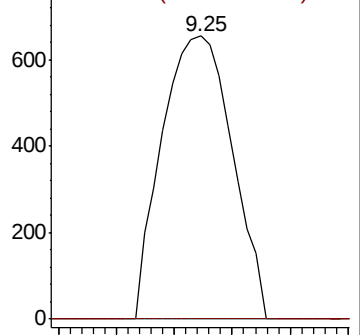
63 100

65 0.0 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 1.497 ug/l

RT: 9.16 min Scan# 2297

Delta R.T. -0.02 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

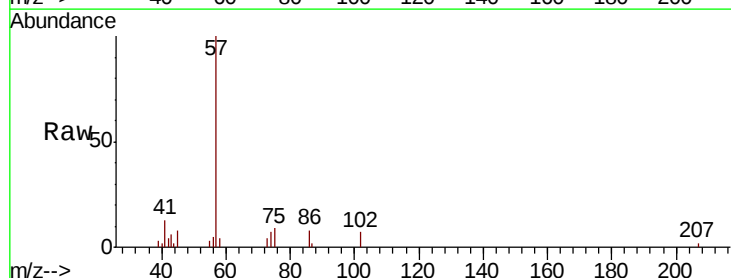
Tgt Ion: 41 Resp: 3036

Ion Ratio Lower Upper

41 100

69 0.0 65.3 97.9#

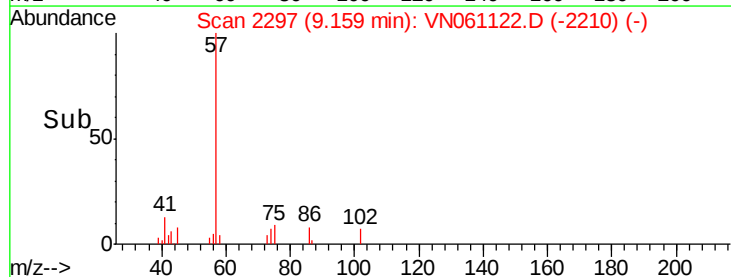
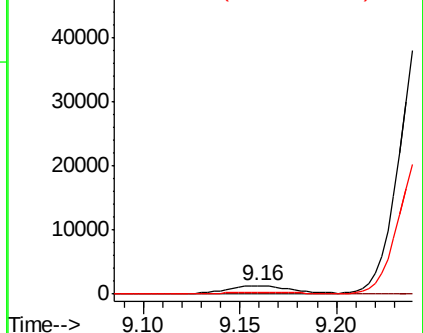
39 0.0 45.2 67.8#

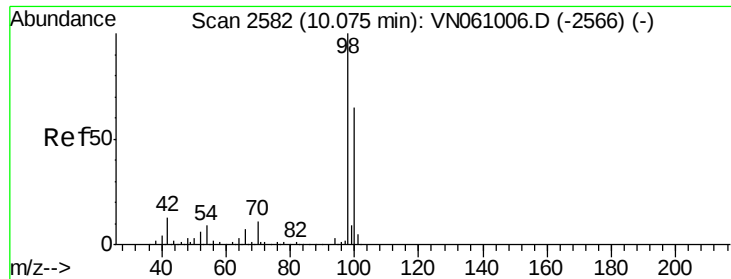


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 56.635 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

Instrument :

MSVOA_N

ClientSampleId :

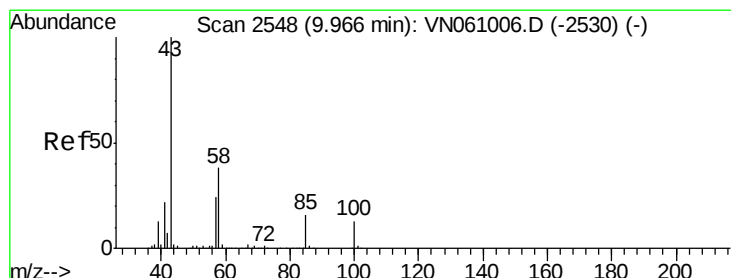
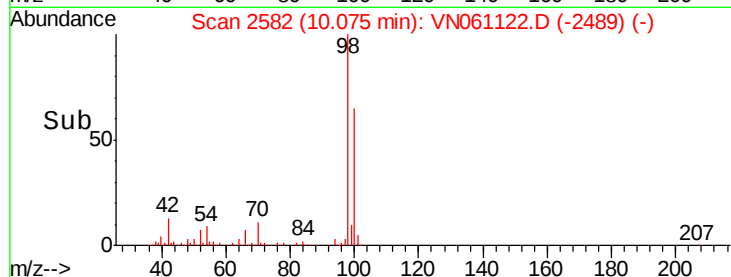
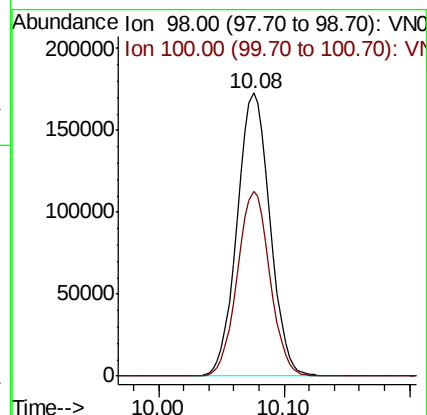
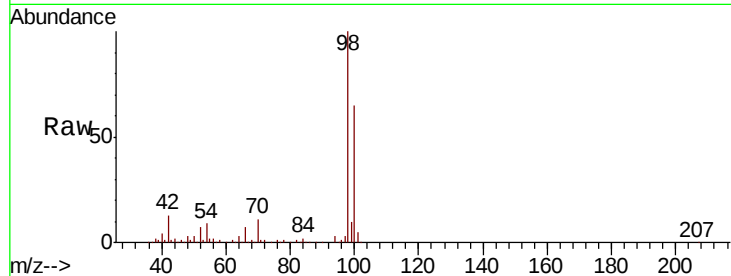
PB128313TB

Tot Ion: 98 Resp: 314755

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 2.168 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. 0.00 min

Lab File: VN061122.D

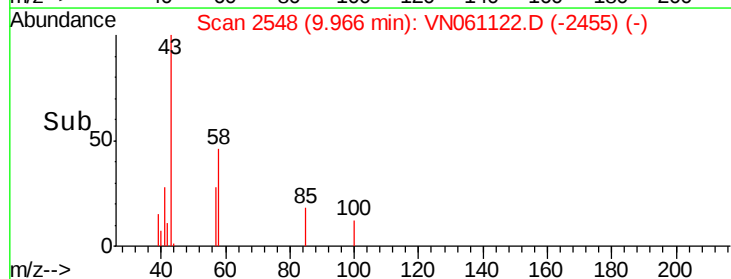
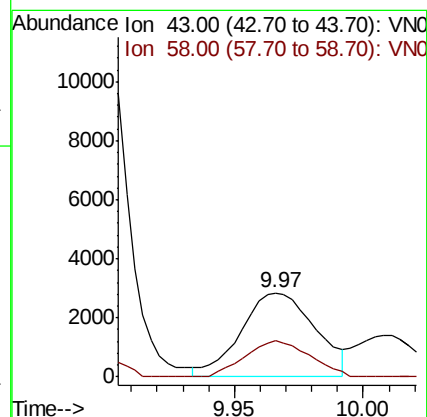
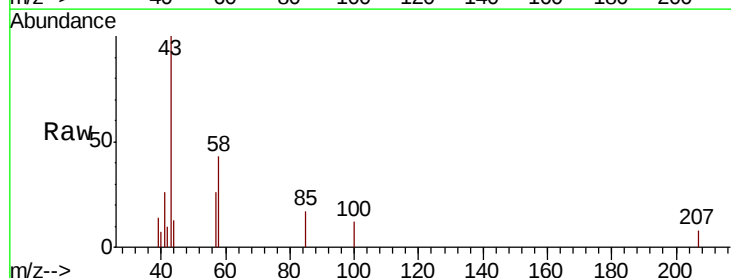
Acq: 21 Apr 2020 00:10

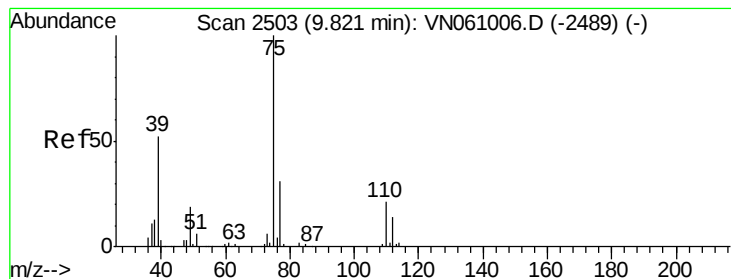
Tgt Ion: 43 Resp: 5735

Ion Ratio Lower Upper

43 100

58 37.5 30.3 45.5





#54

cis-1,3-Dichloropropene

Concen: 7.512 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.07 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

Instrument :

MSVOA_N

ClientSampled :

PB128313TB

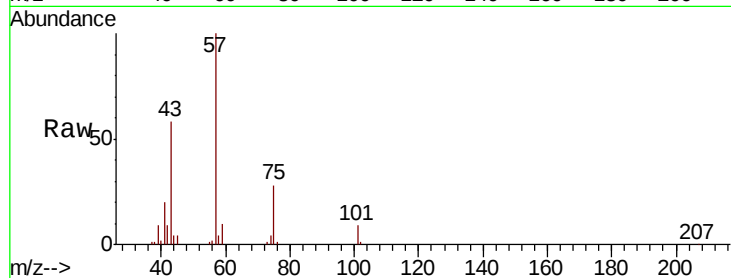
Tot Ion: 75 Resp: 24149

Ion Ratio Lower Upper

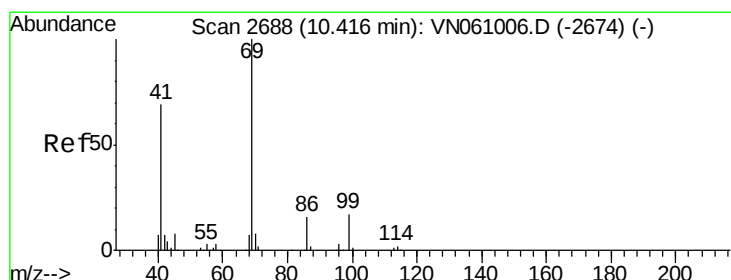
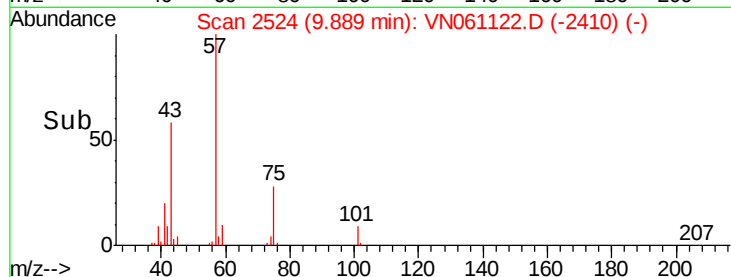
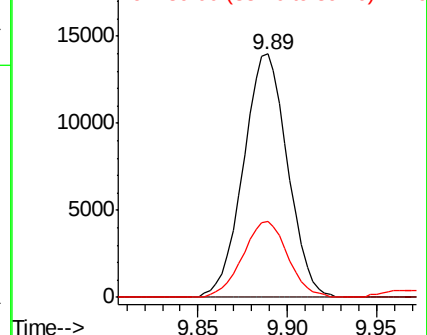
75 100

77 0.0 25.0 37.6#

39 31.3 41.4 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 76.90 (76.60 to 77.60): VNO
Ion 39.00 (38.70 to 39.70): VNO



#56

Ethyl methacrylate

Concen: 0.241 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. 0.11 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

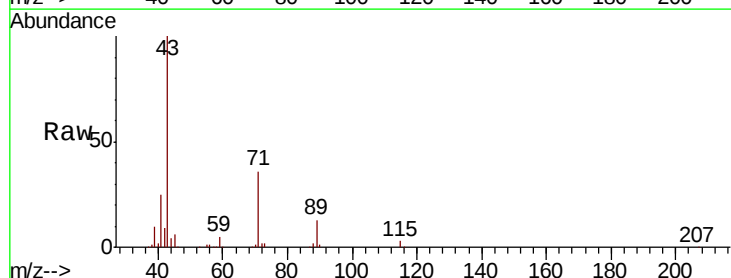
Tgt Ion: 69 Resp: 664

Ion Ratio Lower Upper

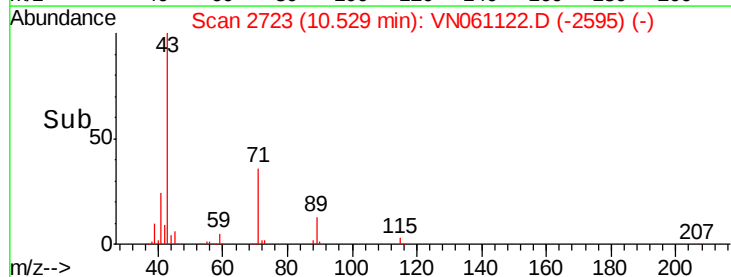
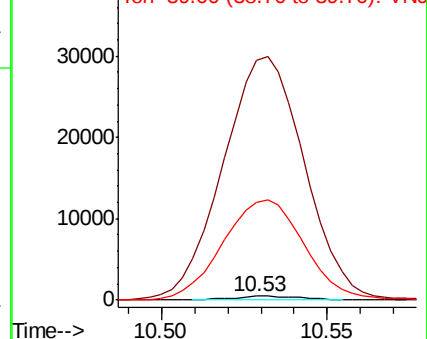
69 100

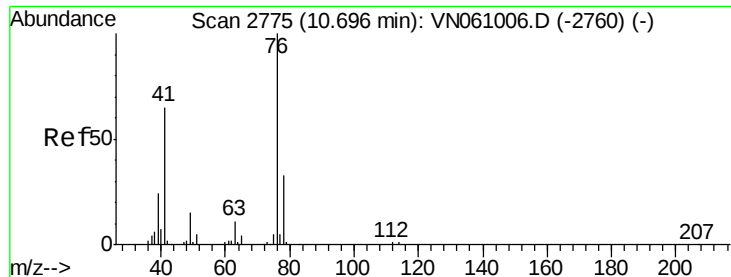
41 7770.9 56.7 85.1#

39 3185.5 29.4 44.0#



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





#57

1,3-Dichloropropane

Concen: 1.340 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.05 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

Instrument :

MSVOA_N

ClientSampleId :

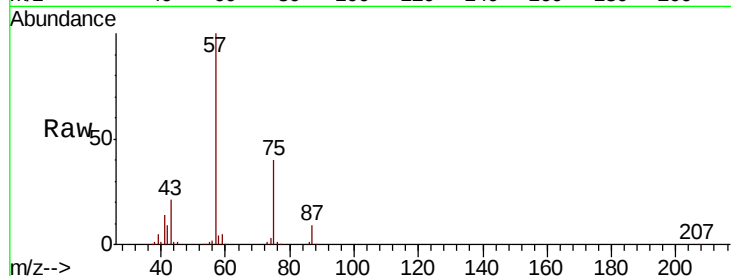
PB128313TB

Tot Ion: 76 Resp: 4182

Ion Ratio Lower Upper

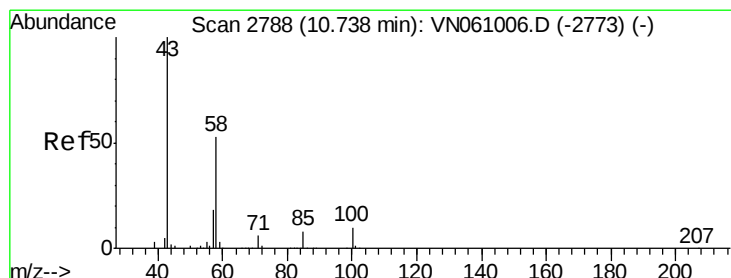
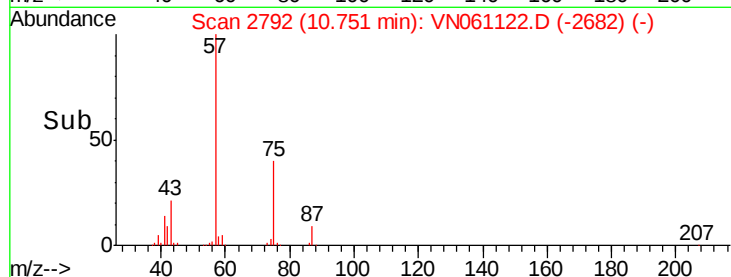
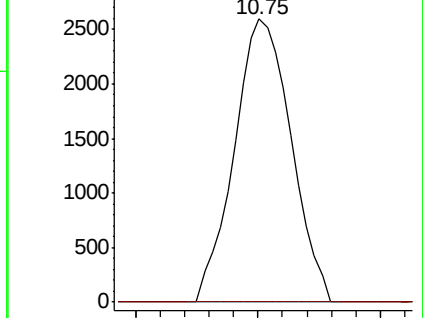
76 100

78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 32.640 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.01 min

Lab File: VN061122.D

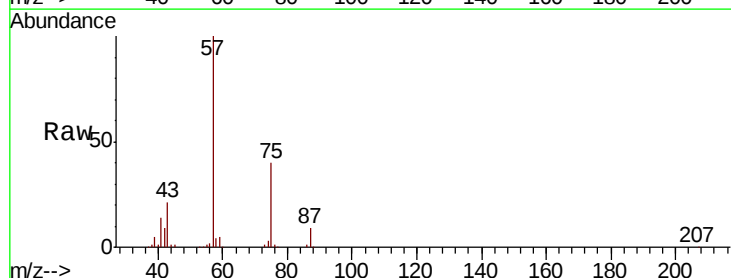
Acq: 21 Apr 2020 00:10

Tgt Ion: 43 Resp: 62277

Ion Ratio Lower Upper

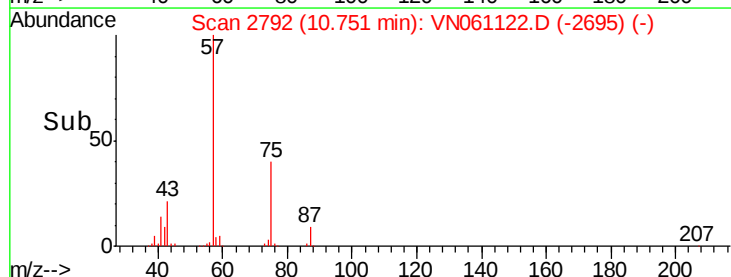
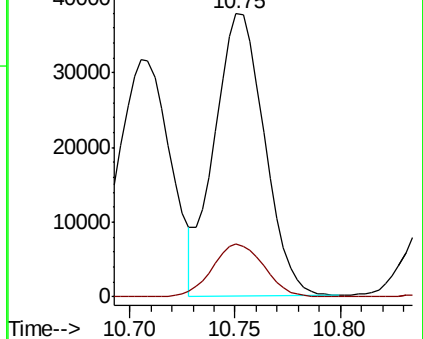
43 100

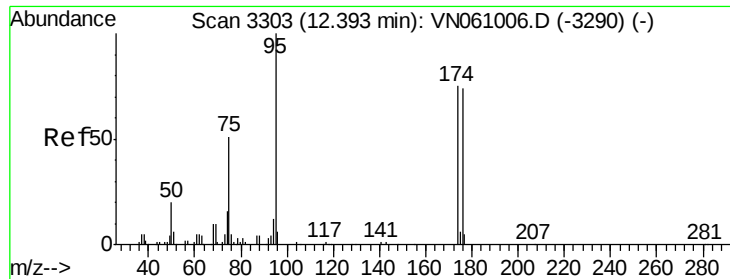
58 19.4 26.4 79.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

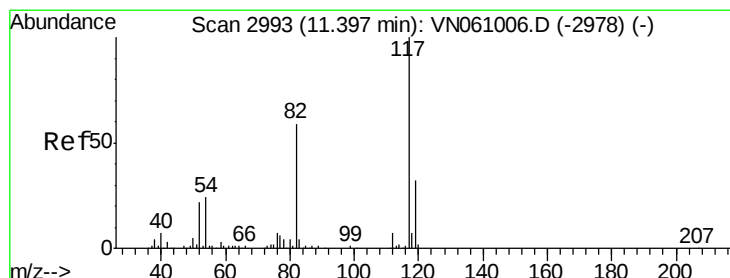
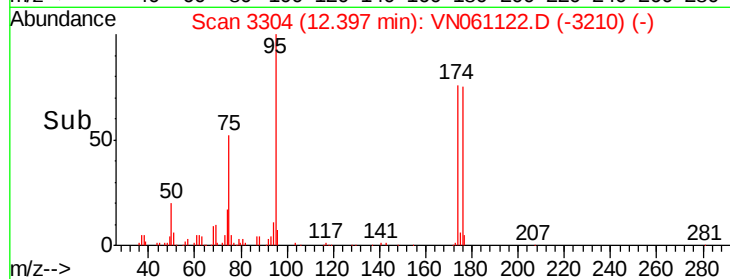
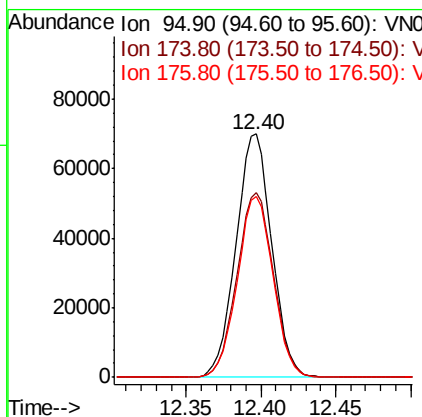
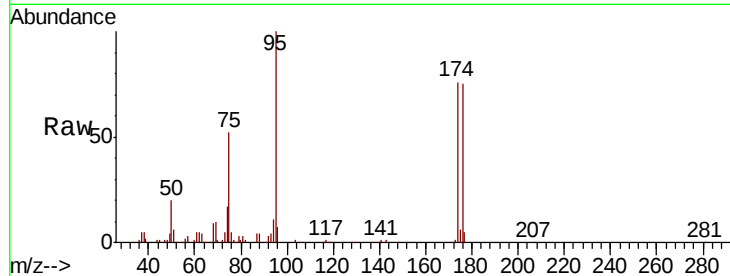




#62
4-Bromofluorobenzene
Concen: 53.427 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN061122.D
Acq: 21 Apr 2020 00:10

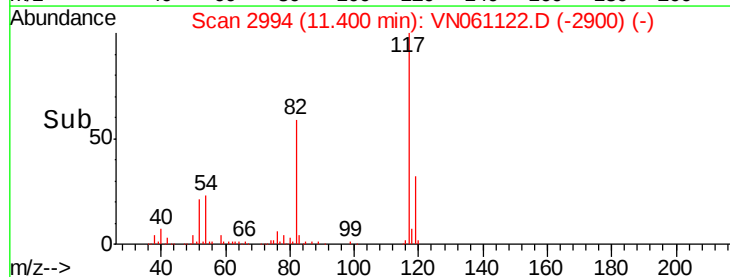
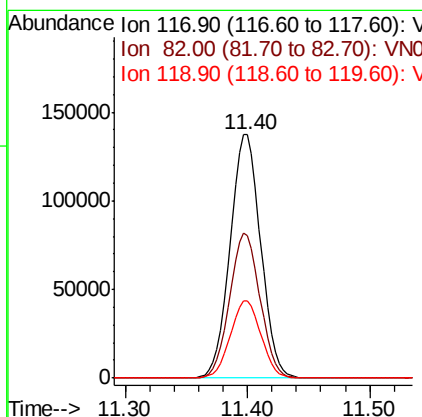
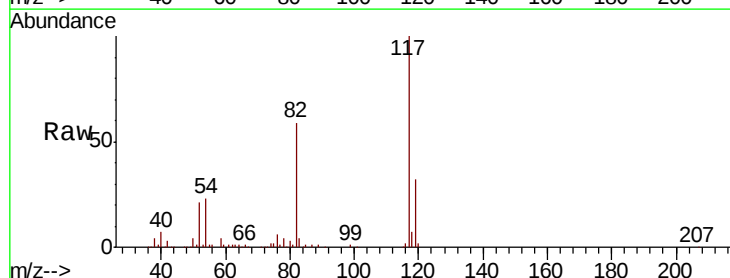
Instrument :
MSVOA_N
ClientSampleId :
PB128313TB

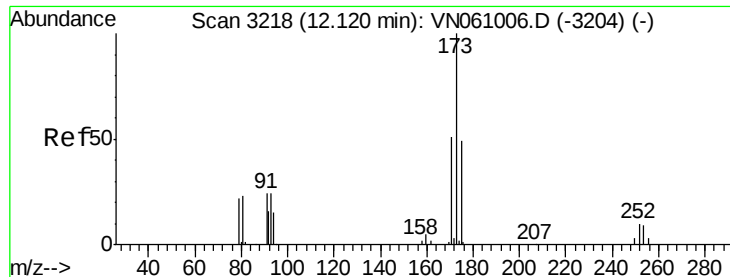
Tot Ion: 95 Resp: 116374
Ion Ratio Lower Upper
95 100
174 77.4 0.0 151.2
176 74.4 0.0 148.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN061122.D
Acq: 21 Apr 2020 00:10

Tgt Ion: 117 Resp: 239653
Ion Ratio Lower Upper
117 100
82 58.5 47.1 70.7
119 31.8 25.7 38.5





#71

Bromoform

Concen: 0.410 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.28 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

Instrument :

MSVOA_N

ClientSampled :

PB128313TB

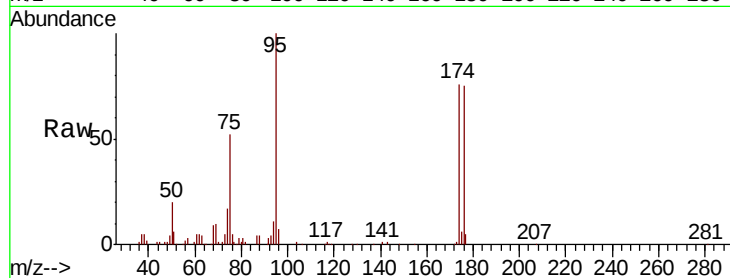
Tot Ion:173 Resp: 542

Ion Ratio Lower Upper

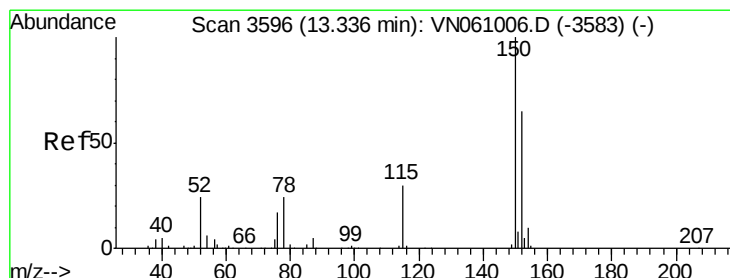
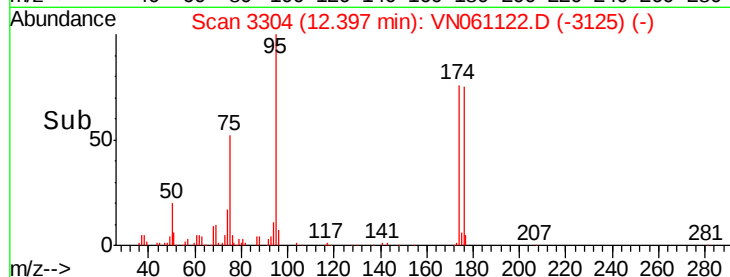
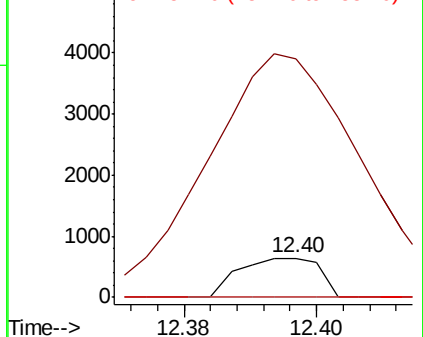
173 100

175 1050.6 24.5 73.5#

254 0.0 0.0 0.0



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# 3597

Delta R.T. 0.00 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

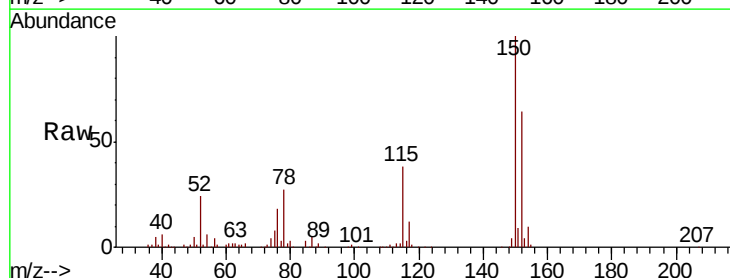
Tgt Ion:152 Resp: 106324

Ion Ratio Lower Upper

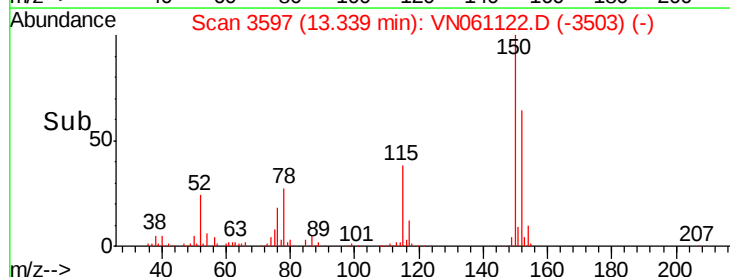
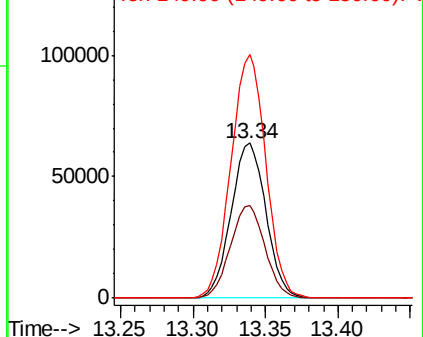
152 100

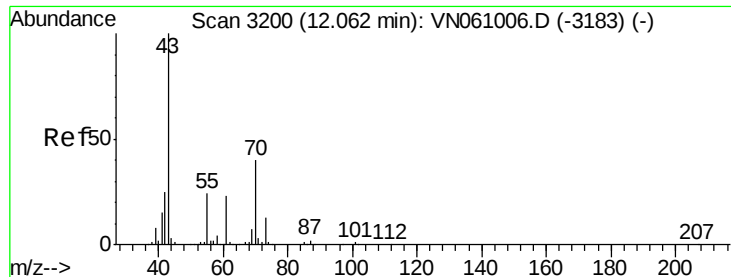
115 59.3 30.8 92.4

150 157.0 0.0 349.0



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: 0.296 ug/l

RT: 12.06 min Scan# 3199

Delta R.T. -0.00 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

Instrument :

MSVOA_N

ClientSampled :

PB128313TB

Tot Ion: 43 Resp: 1172

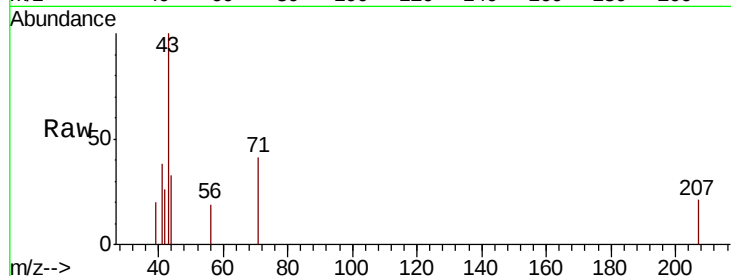
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 18.6 27.8#

61 0.0 18.2 27.4#

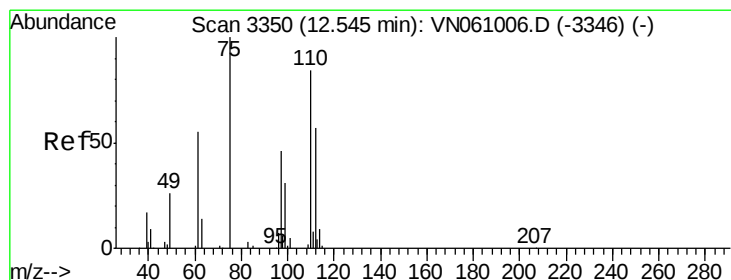
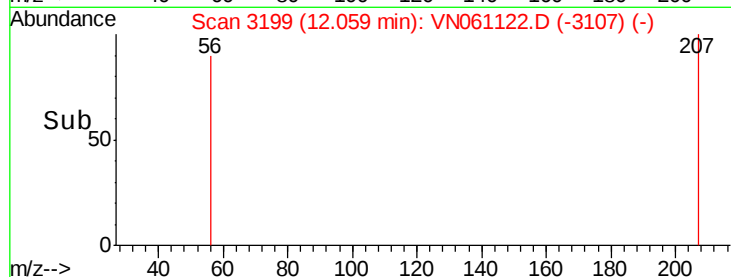
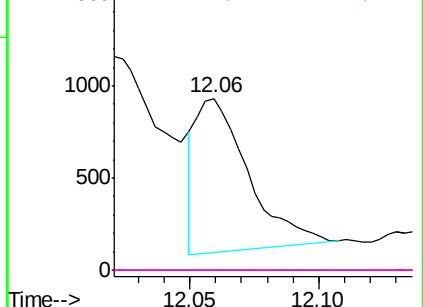


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 26.018 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061122.D

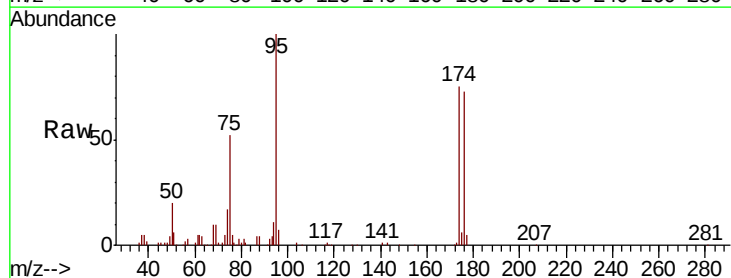
Acq: 21 Apr 2020 00:10

Tgt Ion: 75 Resp: 60848

Ion Ratio Lower Upper

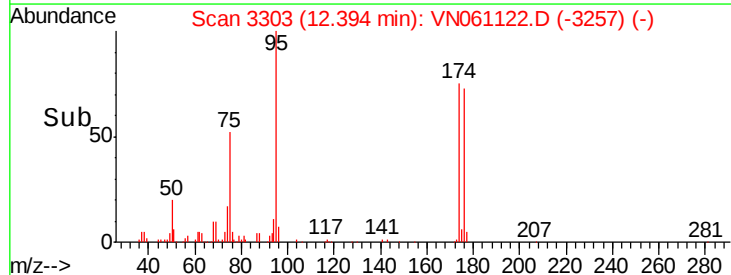
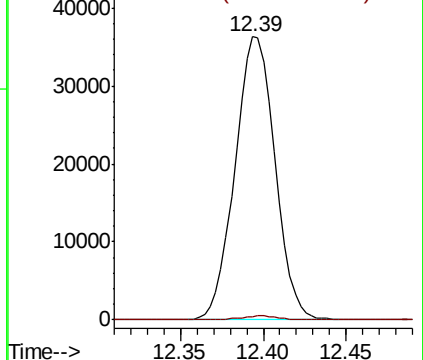
75 100

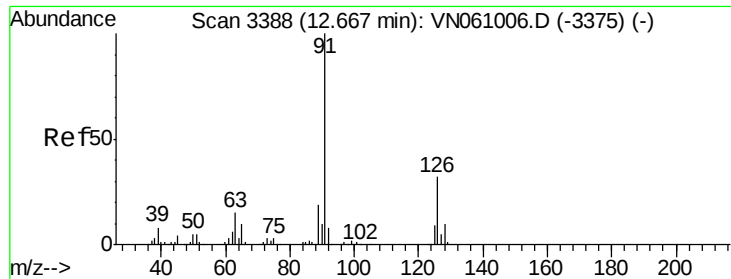
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

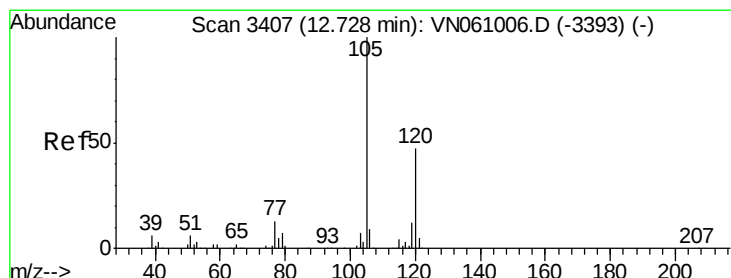
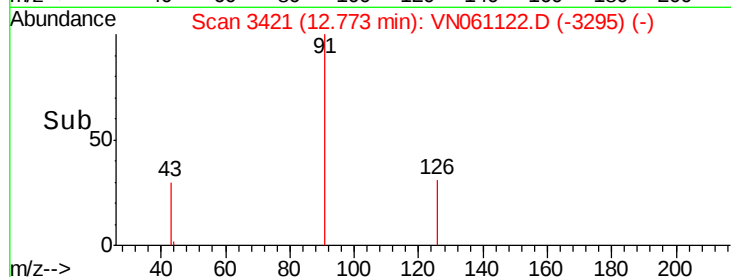
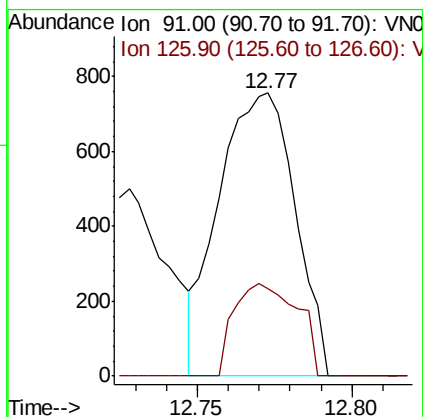
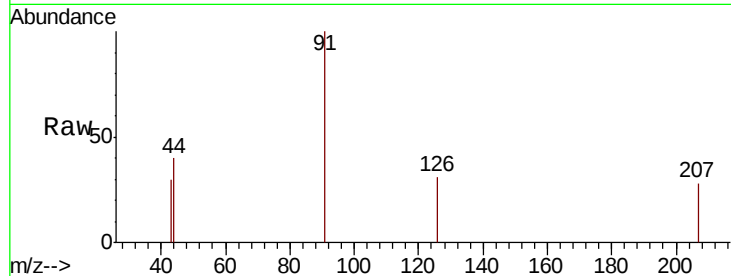




#79
 2-Chlorotoluene
 Concen: 0.221 ug/l
 RT: 12.77 min Scan# 3421
 Delta R.T. 0.11 min
 Lab File: VN061122.D
 Acq: 21 Apr 2020 00:10

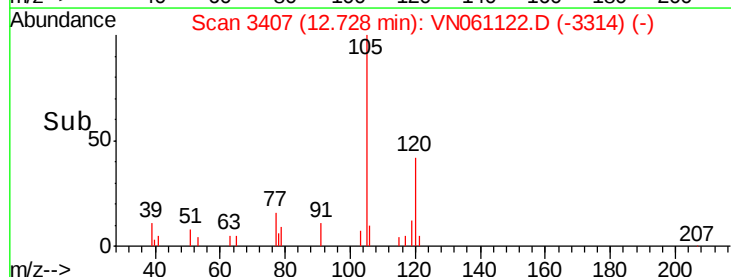
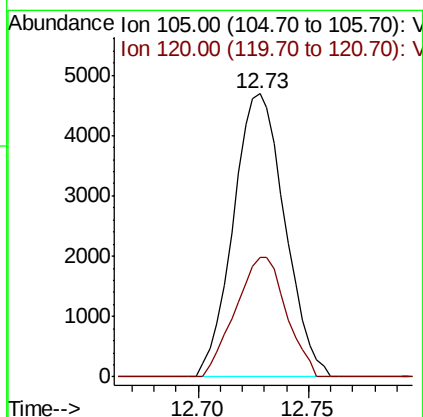
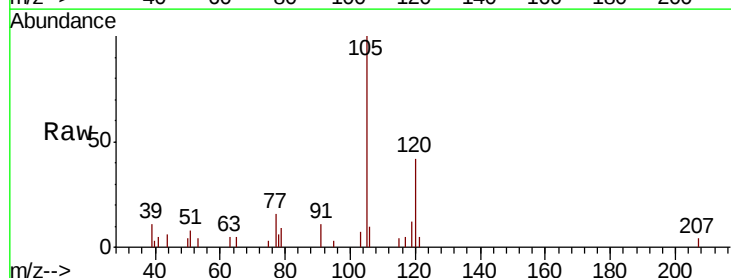
Instrument :
 MSVOA_N
 ClientSampleId :
 PB128313TB

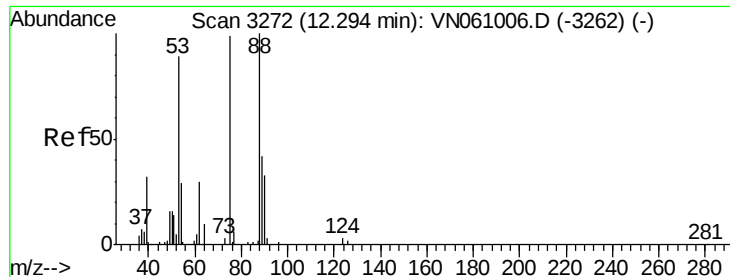
Tot Ion: 91 Resp: 1293
 Ion Ratio Lower Upper
 91 100
 126 27.2 16.1 48.2



#80
 1,3,5-Trimethylbenzene
 Concen: 1.078 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN061122.D
 Acq: 21 Apr 2020 00:10

Tgt Ion: 105 Resp: 7592
 Ion Ratio Lower Upper
 105 100
 120 41.6 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 64.175 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

Instrument :

MSVOA_N

ClientSampleId :

PB128313TB

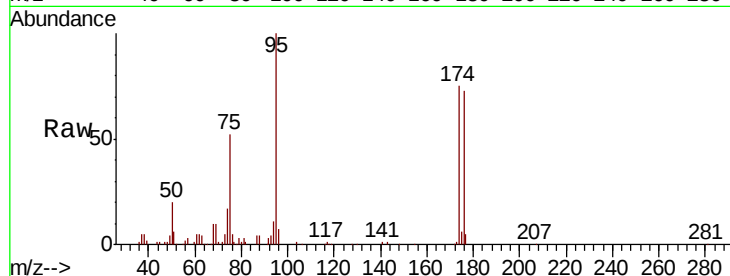
Tot Ion: 75 Resp: 60848

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

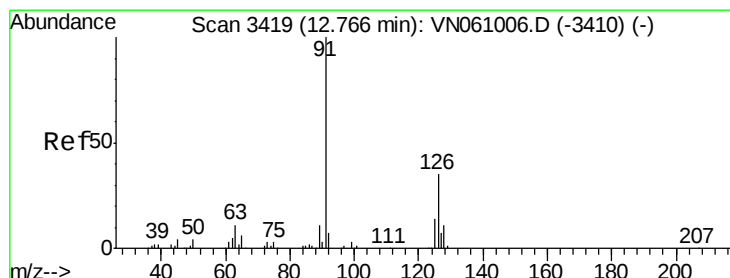
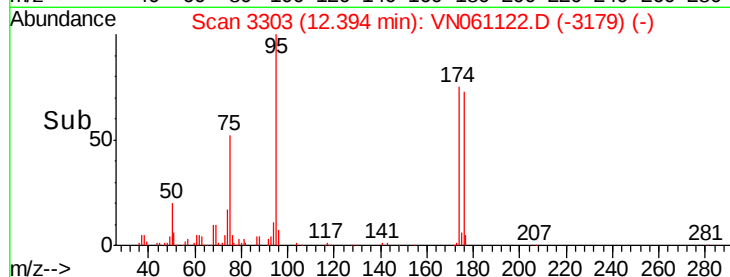
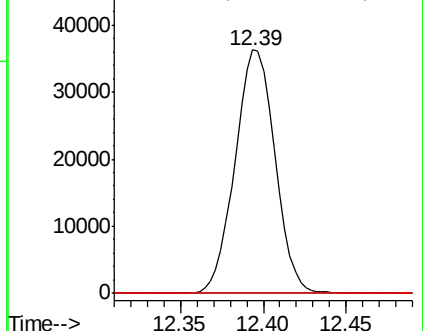
89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.213 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.01 min

Lab File: VN061122.D

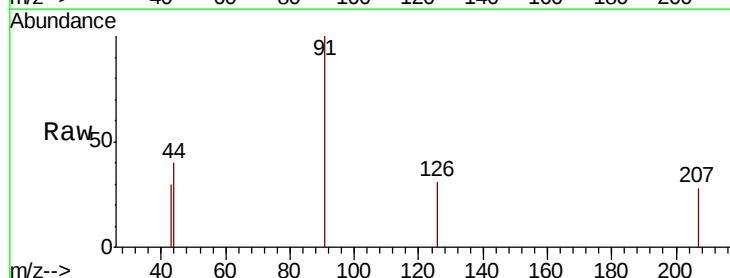
Acq: 21 Apr 2020 00:10

Tgt Ion: 91 Resp: 1293

Ion Ratio Lower Upper

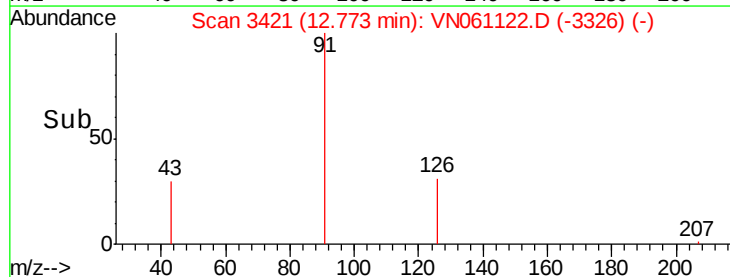
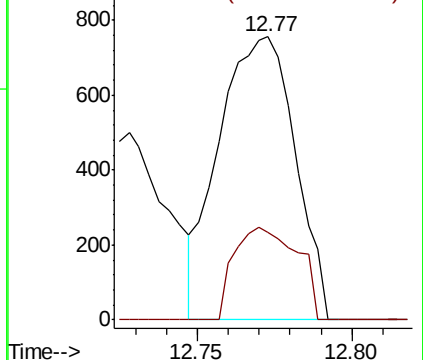
91 100

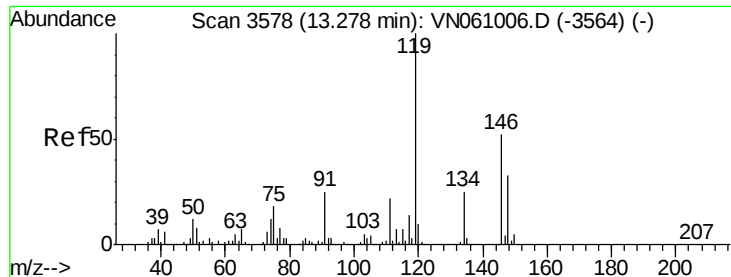
126 27.2 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

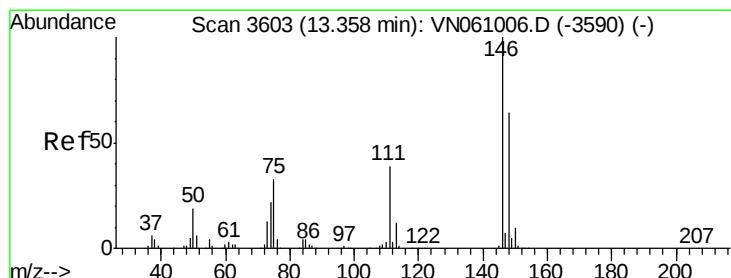
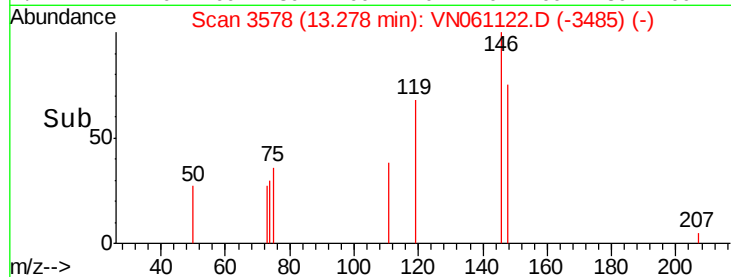
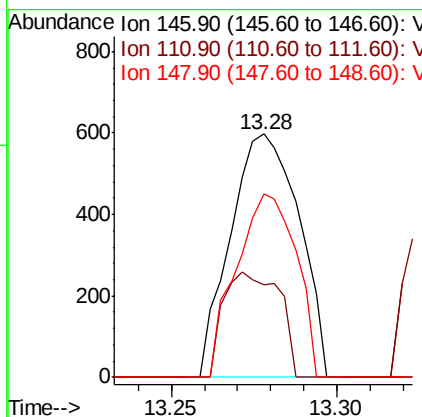
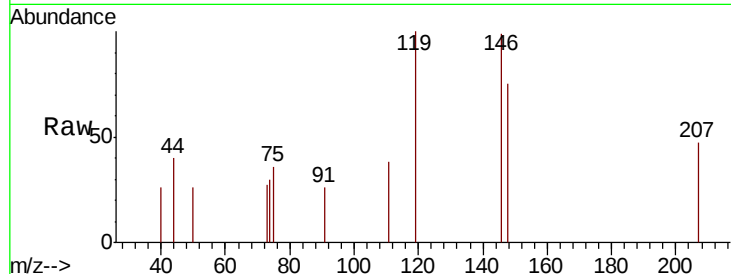




#87
 1,3-Dichlorobenzene
 Concen: 0.243 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN061122.D
 Acq: 21 Apr 2020 00:10

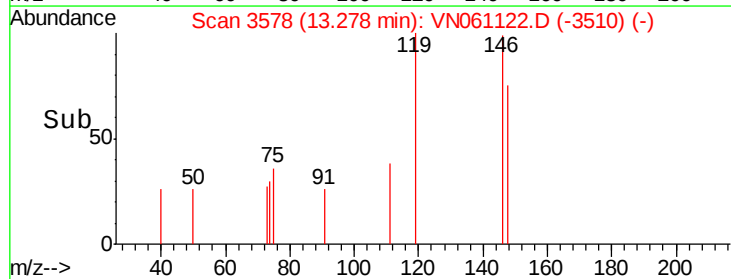
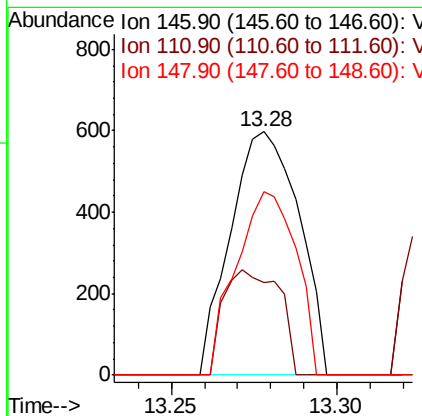
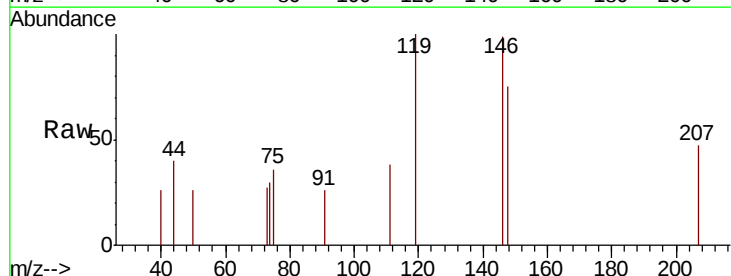
Instrument :
 MSVOA_N
 ClientSampleId :
 PB128313TB

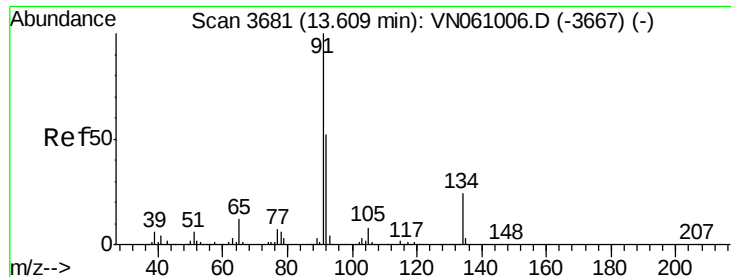
Tot Ion:146 Resp: 862
 Ion Ratio Lower Upper
 146 100
 111 35.2 20.6 61.8
 148 65.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.242 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.08 min
 Lab File: VN061122.D
 Acq: 21 Apr 2020 00:10

Tgt Ion:146 Resp: 862
 Ion Ratio Lower Upper
 146 100
 111 35.2 20.1 60.3
 148 65.5 32.1 96.3

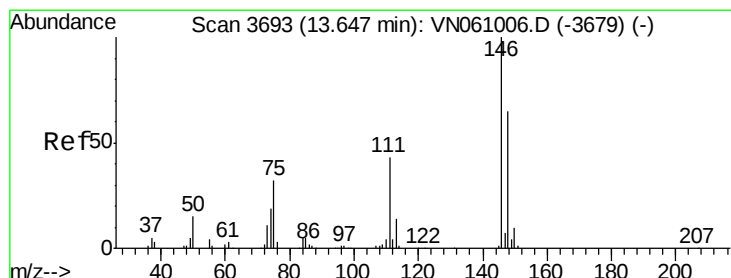
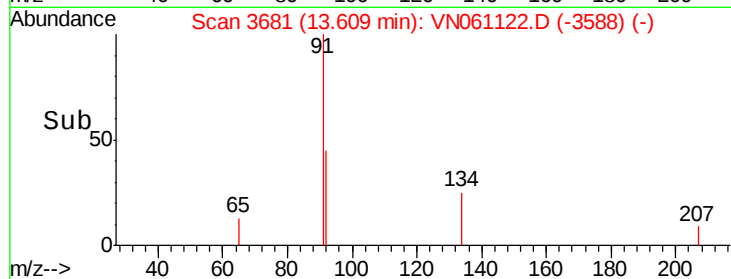
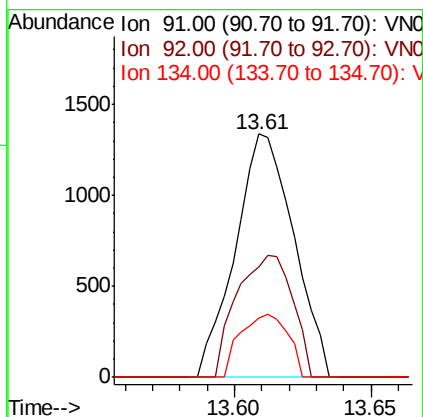
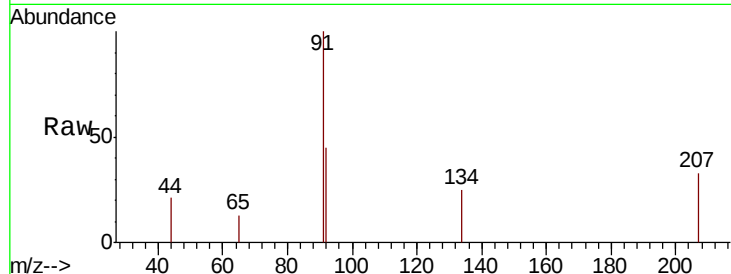




#89
n-Butylbenzene
Concen: 0.299 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN061122.D
Acq: 21 Apr 2020 00:10

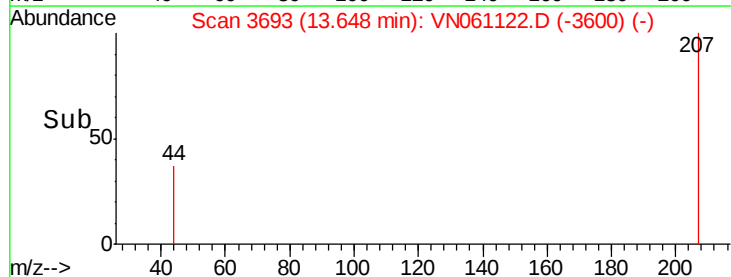
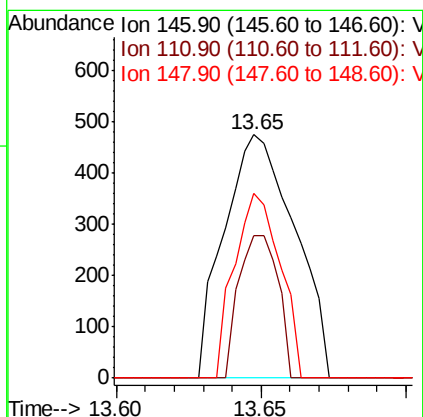
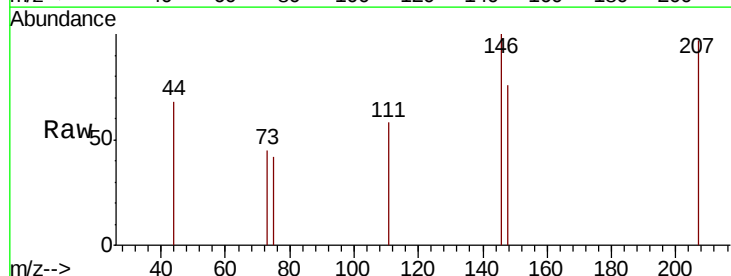
Instrument :
MSVOA_N
ClientSampled :
PB128313TB

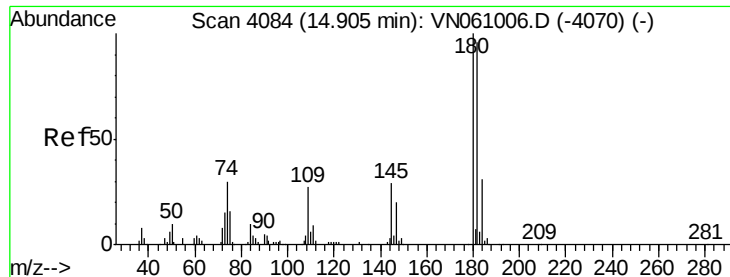
Tot Ion: 91 Resp: 1986
Ion Ratio Lower Upper
91 100
92 47.9 26.1 78.2
134 21.1 12.3 36.8



#91
1,2-Dichlorobenzene
Concen: 0.238 ug/l
RT: 13.65 min Scan# 3693
Delta R.T. 0.00 min
Lab File: VN061122.D
Acq: 21 Apr 2020 00:10

Tgt Ion: 146 Resp: 805
Ion Ratio Lower Upper
146 100
111 32.5 21.3 64.0
148 48.9 32.0 96.0

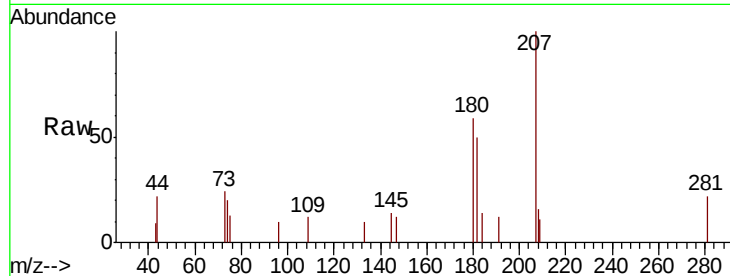




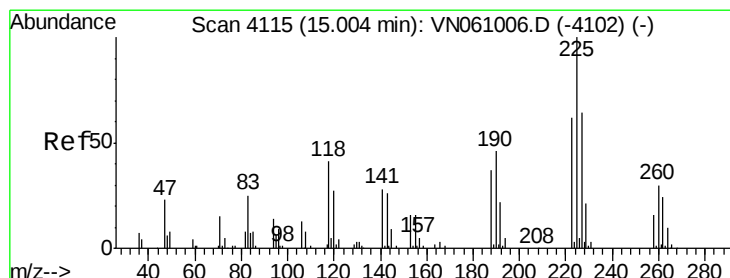
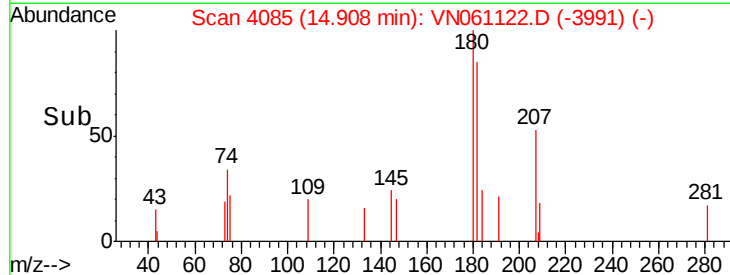
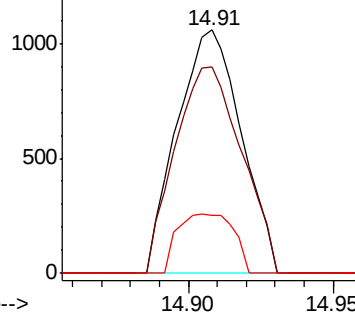
#93
 1,2,4-Trichlorobenzene
 Concen: 0.813 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN061122.D
 Acq: 21 Apr 2020 00:10

Instrument :
 MSVOA_N
 ClientSampled :
 PB128313TB

Tot Ion:180 Resp: 1628
 Ion Ratio Lower Upper
 180 100
 182 88.0 47.8 143.3
 145 21.1 15.3 45.8

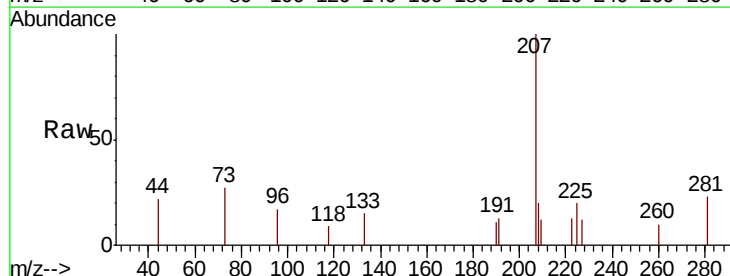


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

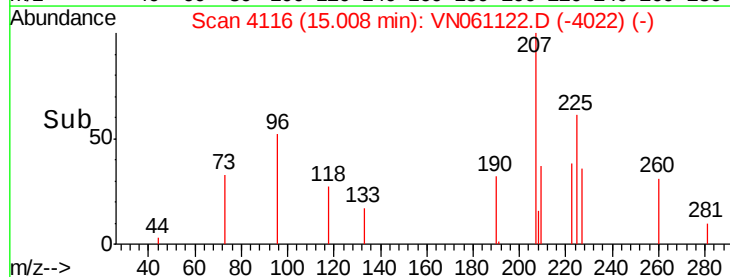
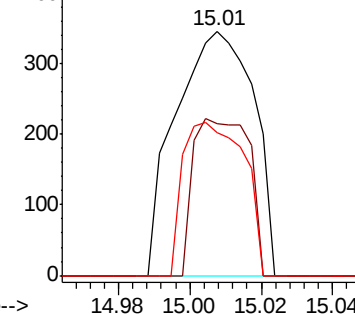


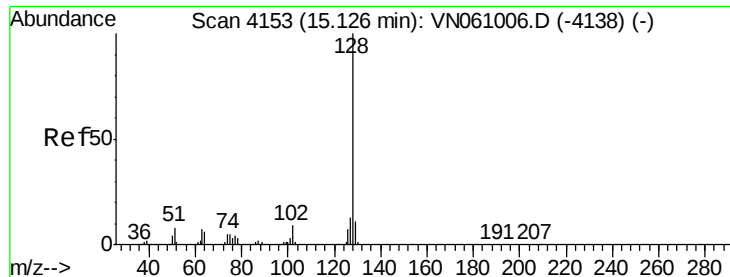
#94
 Hexachlorobutadiene
 Concen: 0.508 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN061122.D
 Acq: 21 Apr 2020 00:10

Tgt Ion:225 Resp: 523
 Ion Ratio Lower Upper
 225 100
 223 45.7 31.3 93.8
 227 49.1 31.9 95.5



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: 0.990 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

Instrument :

MSVOA_N

ClientSampled :

PB128313TB

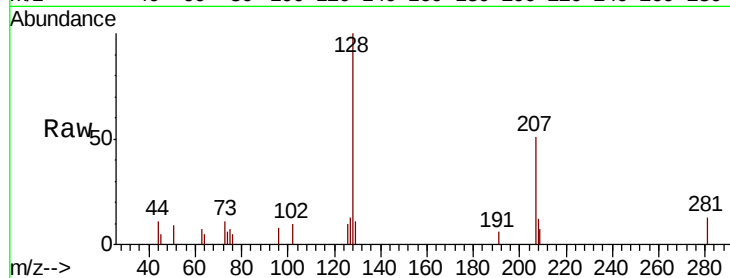
Tot Ion:128 Resp: 5781

Ion Ratio Lower Upper

128 100

127 10.9 10.2 15.4

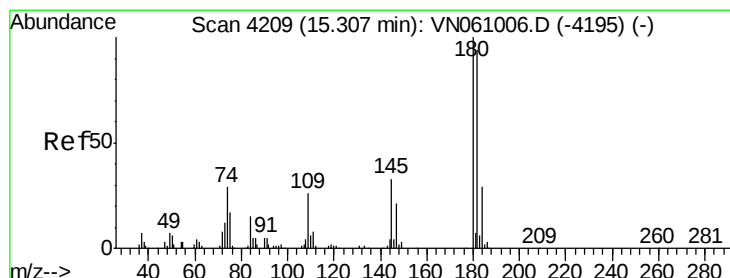
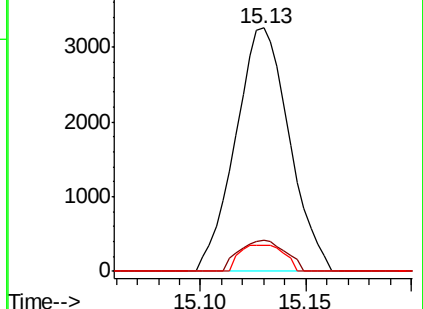
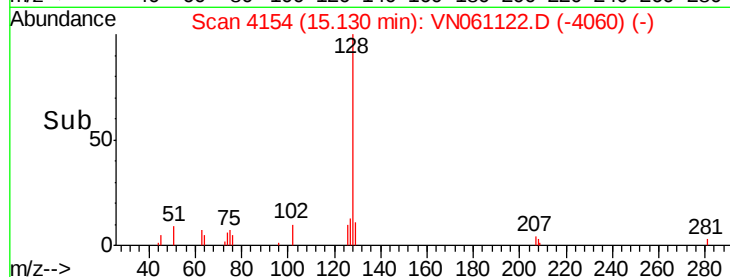
129 8.8 8.6 13.0



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: 0.812 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. 0.00 min

Lab File: VN061122.D

Acq: 21 Apr 2020 00:10

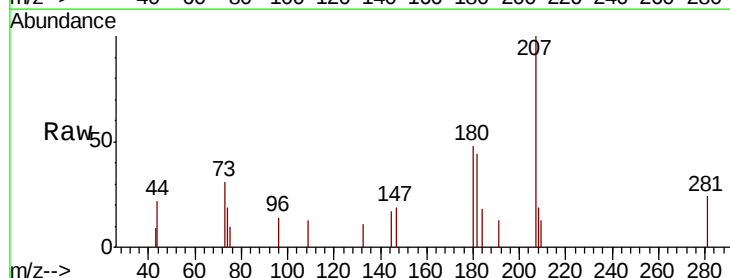
Tgt Ion:180 Resp: 1567

Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.8

145 25.8 16.4 49.2



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

