

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\
 Data File : VN061093.D
 Acq On : 20 Apr 2020 11:28
 Operator : JC/MD
 Sample : VN0420WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

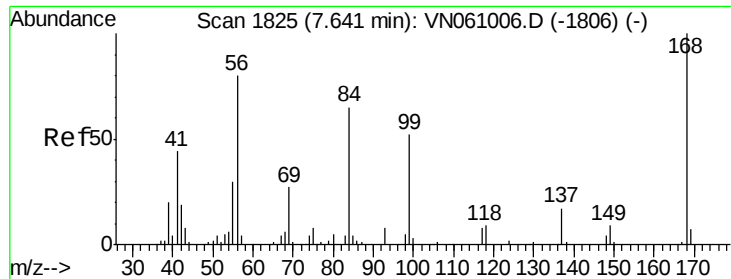
Quant Time: Apr 21 03:57:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	136231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	228613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	207159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	82707	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	90807	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
35) Dibromofluoromethane	7.56	113	68416	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
50) Toluene-d8	10.08	98	283072	56.11	ug/l	0.00
Spiked Amount			Recovery	=	112.22%	
62) 4-Bromofluorobenzene	12.40	95	99480	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	686	0.284	ug/l #	43
16) Acetone	3.79	43	213	0.278	ug/l #	44
17) Carbon Disulfide	4.03	76	2295	0.492	ug/l #	74
25) 2-Butanone	6.81	43	388	0.330	ug/l #	51
29) Tetrahydrofuran	7.18	42	249	0.312	ug/l #	36
31) Cyclohexane	7.63	56	3253	1.002	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	10969	4.650	ug/l #	49
38) Carbon Tetrachloride	7.64	117	13719	6.987	ug/l #	15
51) 4-Methyl-2-Pentanone	9.97	43	1142	0.476	ug/l #	81
59) 2-Hexanone	10.74	43	2034	1.174	ug/l	85
68) m/p-Xylenes	11.61	106	621	0.214	ug/l	91
71) Bromoform	12.39	173	537	0.470	ug/l #	1
74) N-amyl acetate	12.06	43	1070	0.347	ug/l #	71
76) 1,2,3-Trichloropropane	12.39	75	50397	27.703	ug/l #	100
77) Bromobenzene	12.52	156	402	0.260	ug/l	87
78) n-propylbenzene	12.59	91	1873	0.242	ug/l #	69
79) 2-Chlorotoluene	12.77	91	1584	0.348	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.39	75	50397	68.331	ug/l #	12
82) 4-Chlorotoluene	12.77	91	1584	0.336	ug/l	89
85) sec-Butylbenzene	13.17	105	1632	0.262	ug/l	87
86) p-Isopropyltoluene	13.28	119	1261	0.227	ug/l	95
87) 1,3-Dichlorobenzene	13.27	146	1237	0.449	ug/l	94
88) 1,4-Dichlorobenzene	13.27	146	1237	0.446	ug/l	94
89) n-Butylbenzene	13.61	91	2616	0.506	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	1226	0.466	ug/l	87
92) 1,2-Dibromo-3-Chloropropan	14.26	75	176	0.450	ug/l #	37
93) 1,2,4-Trichlorobenzene	14.91	180	2138	1.373	ug/l	98
94) Hexachlorobutadiene	15.01	225	938	1.171	ug/l	82
95) Naphthalene	15.13	128	10167	2.238	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	2699	1.798	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN061093.D

Acq: 20 Apr 2020 11:28

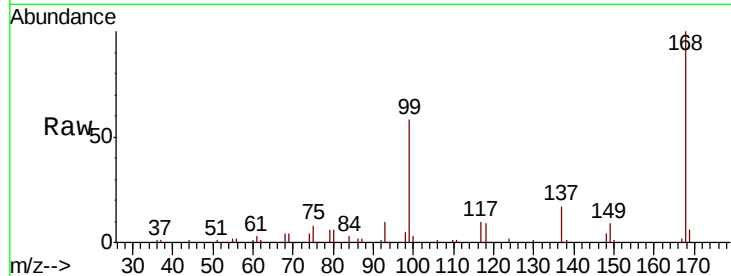
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 136231

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

7.64

60000

50000

40000

30000

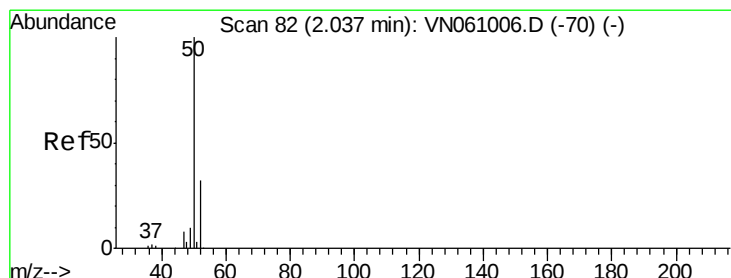
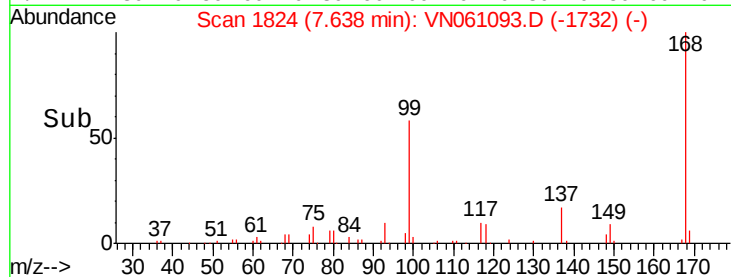
20000

10000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#3

Chloromethane

Concen: 0.284 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN061093.D

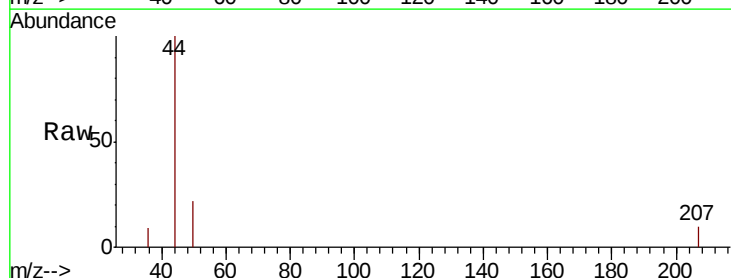
Acq: 20 Apr 2020 11:28

Tgt Ion: 50 Resp: 686

Ion Ratio Lower Upper

50 100

52 0.0 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

400

300

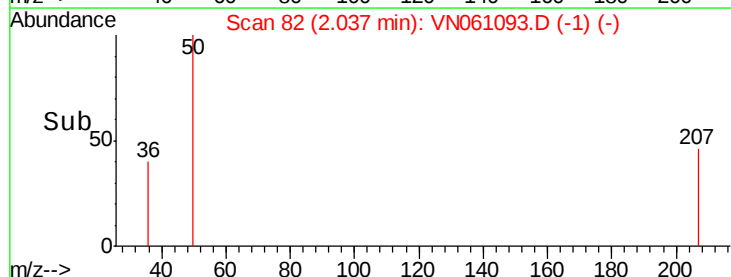
200

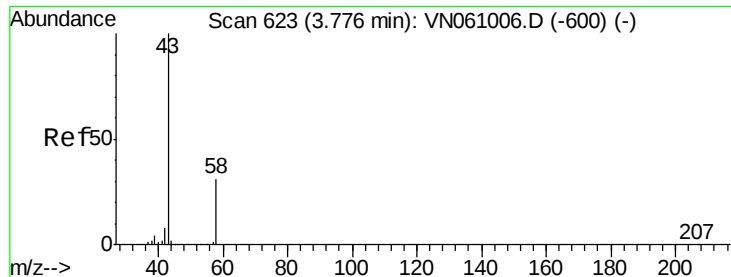
100

0

2.00 2.02 2.04 2.06 2.08

Time-->





#16

Acetone

Concen: 0.278 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061093.D

Acq: 20 Apr 2020 11:28

Instrument :

MSVOA_N

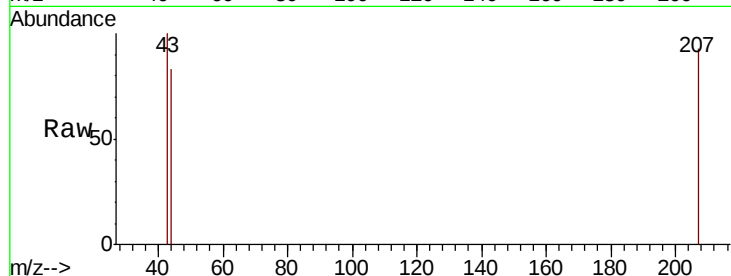
ClientSampleId :

Tot Ion: 43 Resp: 213

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-600) (-)

3.79

250

200

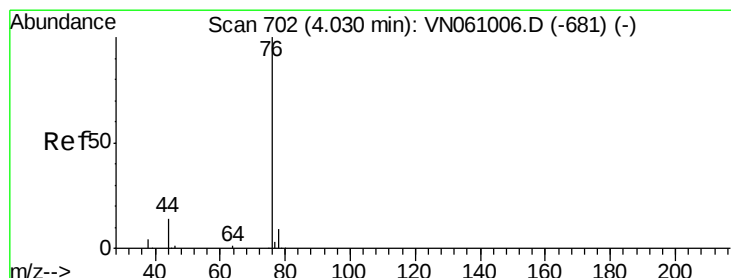
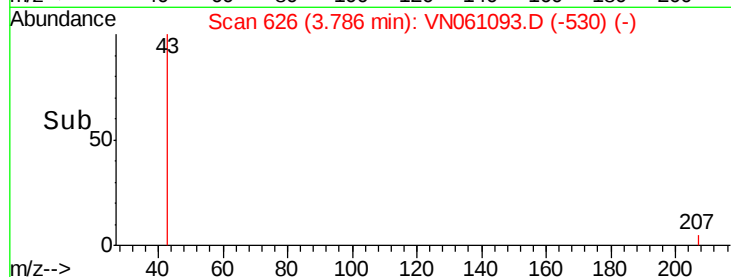
150

100

50

0

Time-->



#17

Carbon Disulfide

Concen: 0.492 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN061093.D

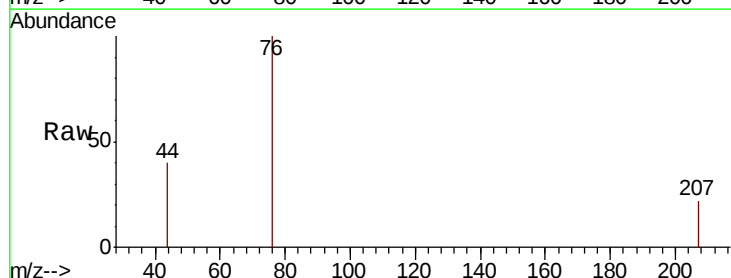
Acq: 20 Apr 2020 11:28

Tgt Ion: 76 Resp: 2295

Ion Ratio Lower Upper

76 100

78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN061006.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN061006.D (-681) (-)

1000

800

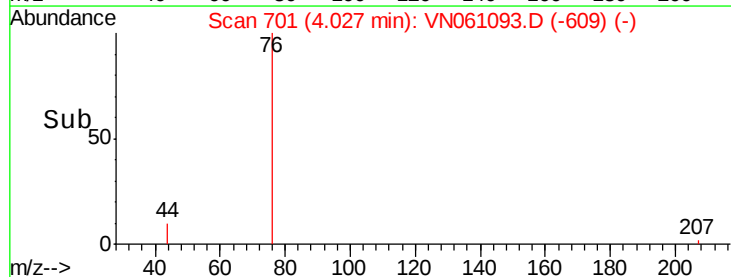
600

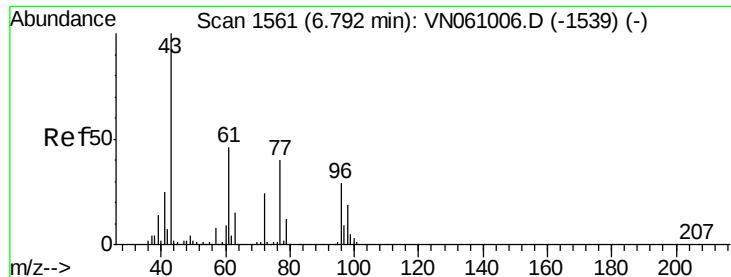
400

200

0

Time-->

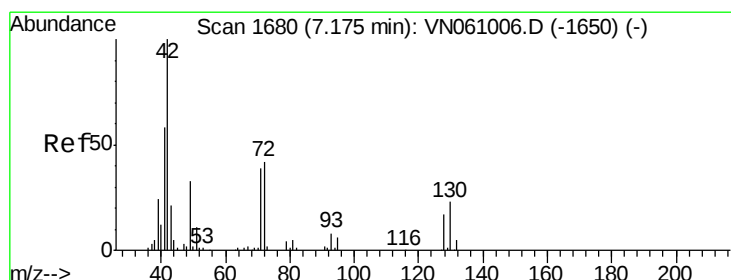
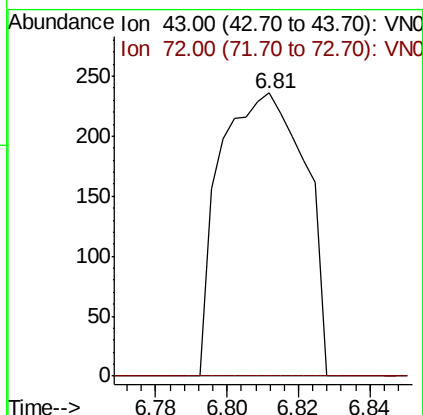
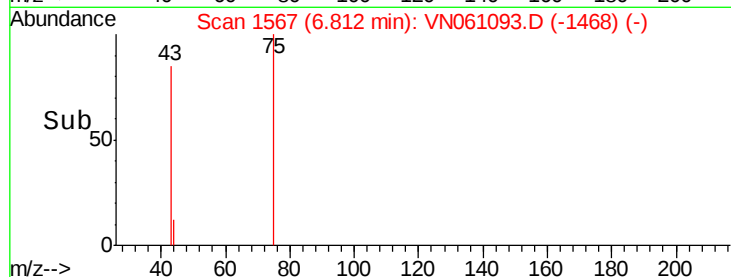
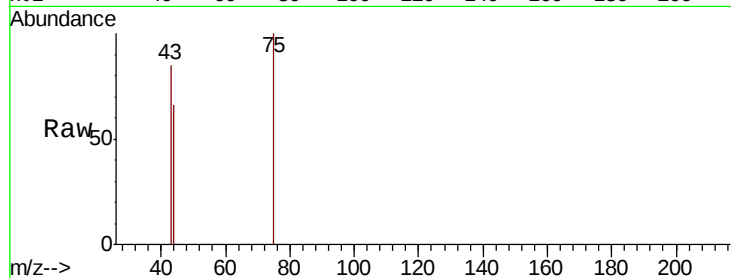




#25
2-Butanone
Concen: 0.330 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.02 min
Lab File: VN061093.D
Acq: 20 Apr 2020 11:28

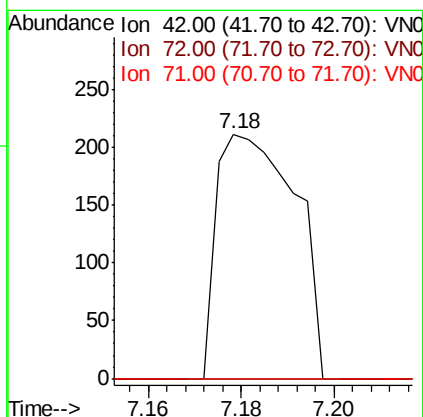
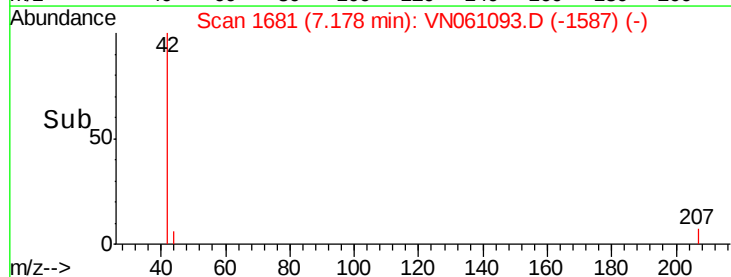
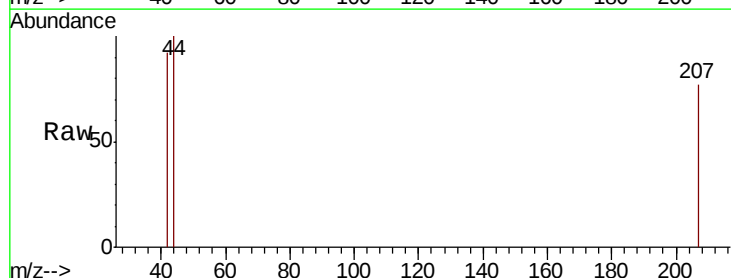
Instrument :
MSVOA_N
ClientSampleId :

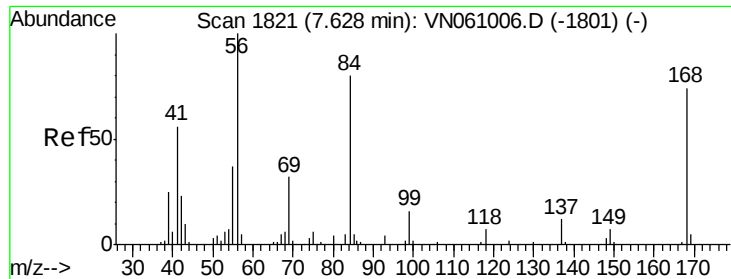
Tot Ion: 43 Resp: 388
Ion Ratio Lower Upper
43 100
72 0.0 19.6 29.4#



#29
Tetrahydrofuran
Concen: 0.312 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN061093.D
Acq: 20 Apr 2020 11:28

Tgt Ion: 42 Resp: 249
Ion Ratio Lower Upper
42 100
72 0.0 32.1 48.1#
71 0.0 30.5 45.7#

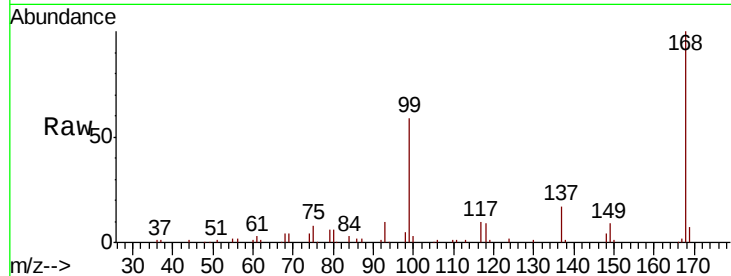




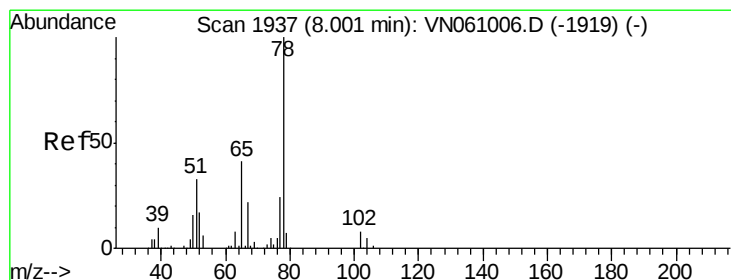
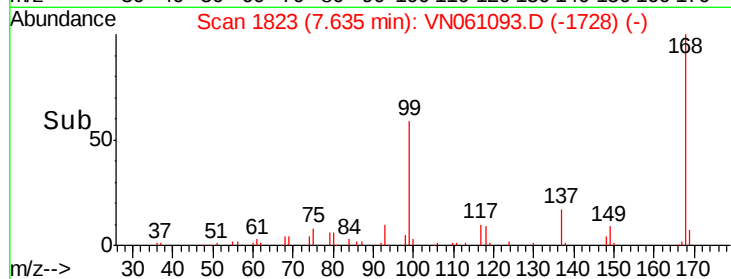
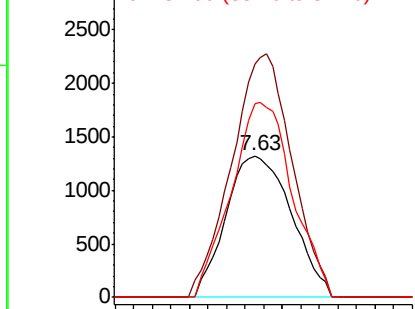
#31
Cyclohexane
Concen: 1.002 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VN061093.D
Acq: 20 Apr 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 3253
Ion Ratio Lower Upper
56 100
69 165.0 25.6 38.4#
84 137.2 63.4 95.2#

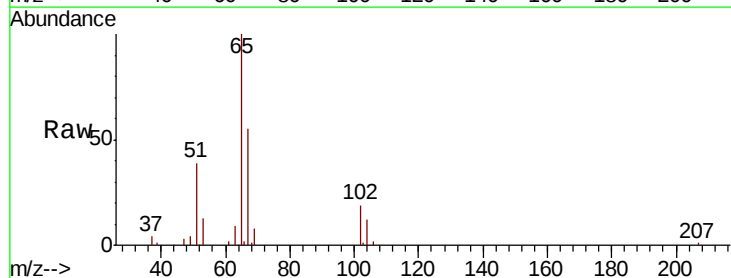


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

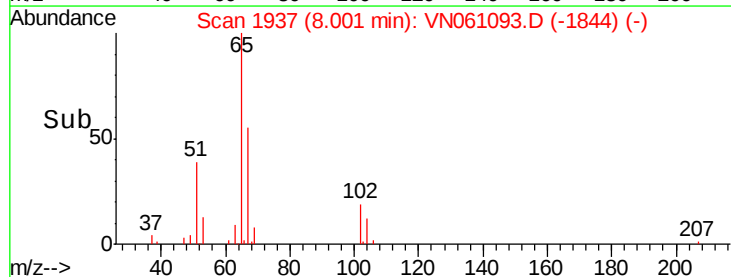
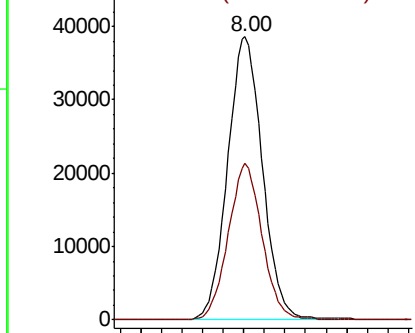


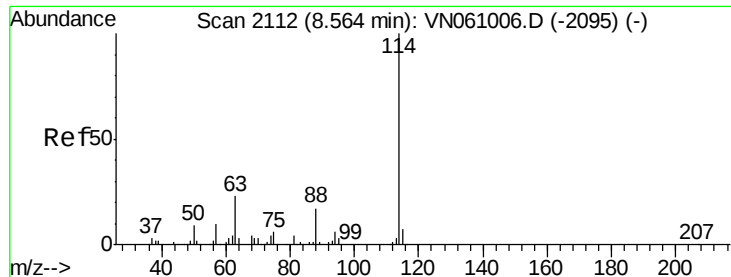
#33
1,2-Dichloroethane-d4
Concen: 52.099 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061093.D
Acq: 20 Apr 2020 11:28

Tgt Ion: 65 Resp: 90807
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.0



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

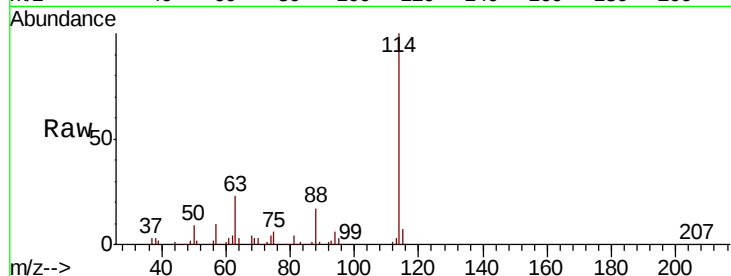




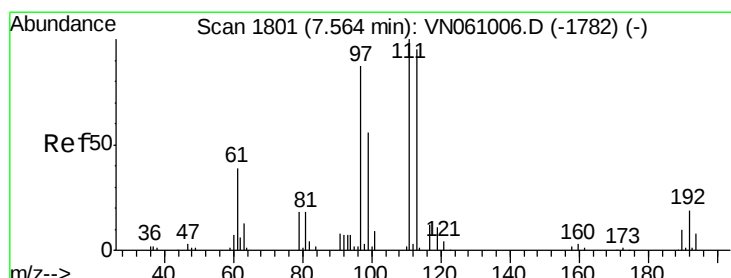
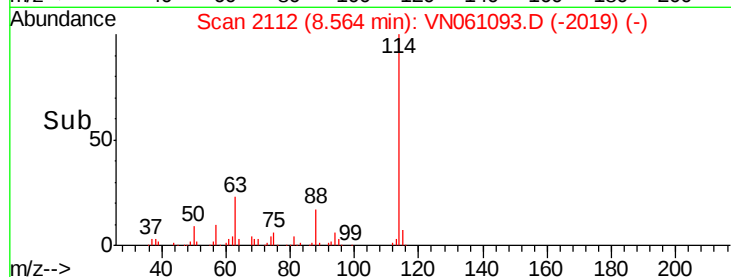
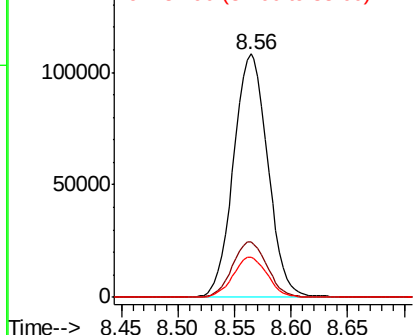
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061093.D
 Acq: 20 Apr 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	46.2
88	16.5	0.0	33.4

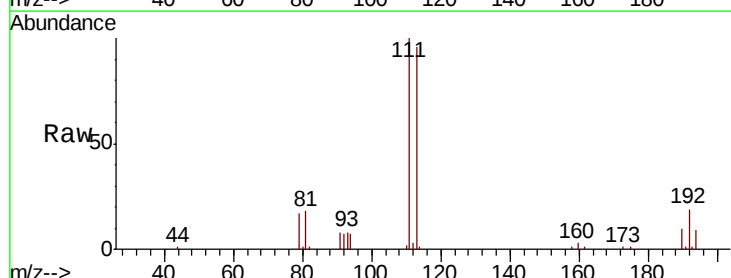


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

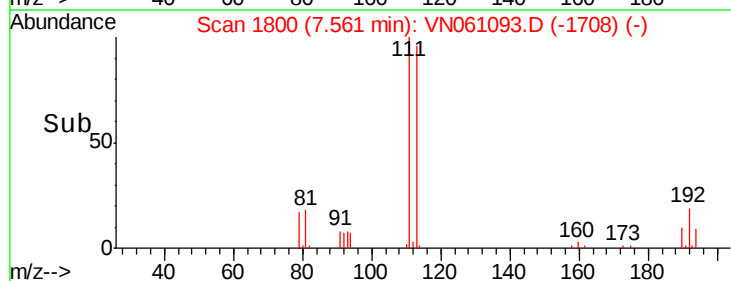
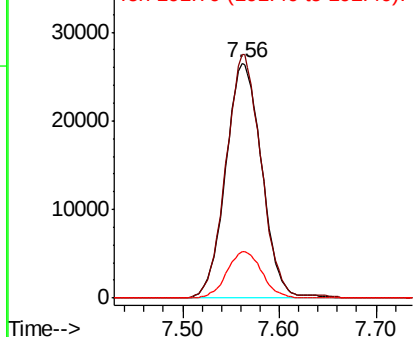


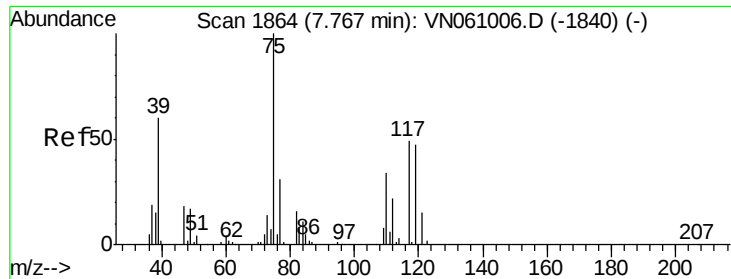
#35
 Dibromofluoromethane
 Concen: 51.245 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN061093.D
 Acq: 20 Apr 2020 11:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.4	125.2
192	19.3	15.5	23.3



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

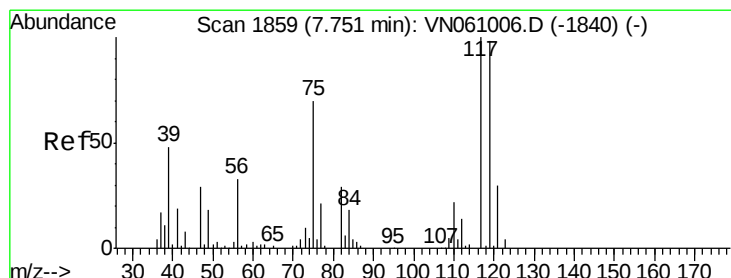
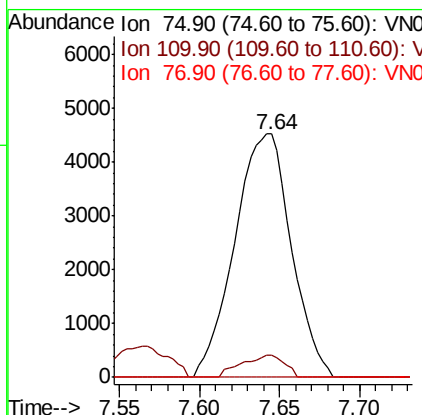
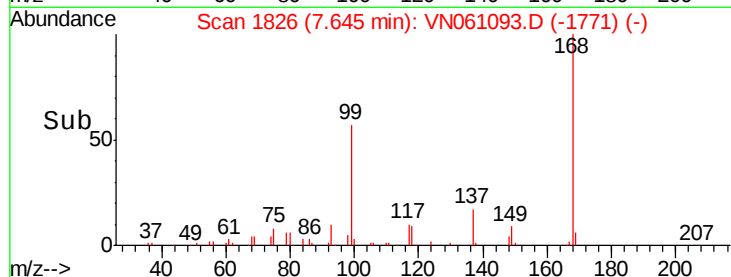
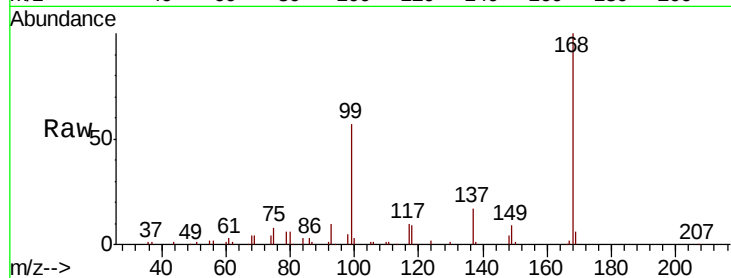




#36
 1,1-Dichloropropene
 Concen: 4.650 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.12 min
 Lab File: VN061093.D
 Acq: 20 Apr 2020 11:28

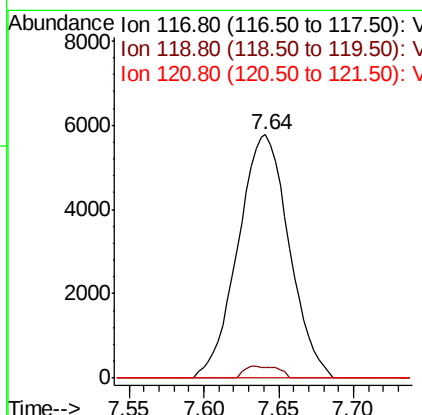
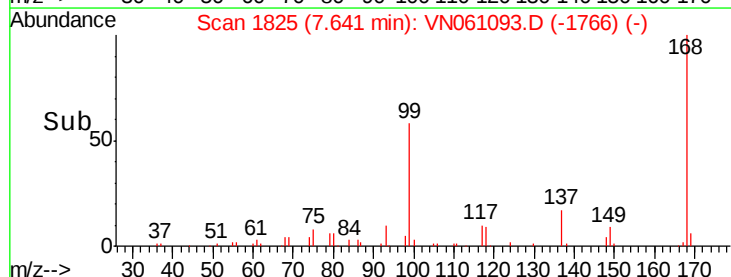
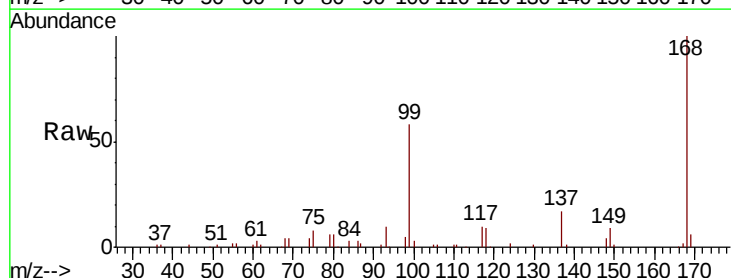
Instrument :
 MSVOA_N
 ClientSampled :

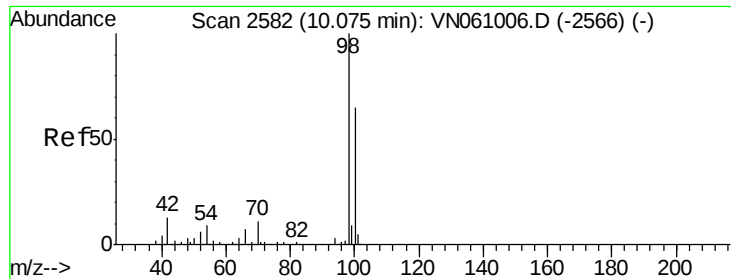
Tot Ion	75	Resp	10969
Ion Ratio	100	Lower	Upper
75	100		
110	6.9	16.8	50.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.987 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN061093.D
 Acq: 20 Apr 2020 11:28

Tgt Ion	117	Resp	13719
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.2	78.1	117.1#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 56.110 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061093.D

Acq: 20 Apr 2020 11:28

Instrument :

MSVOA_N

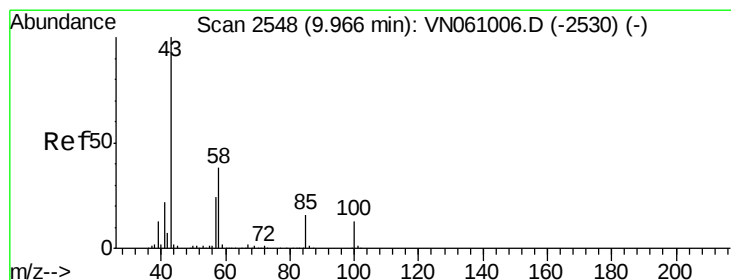
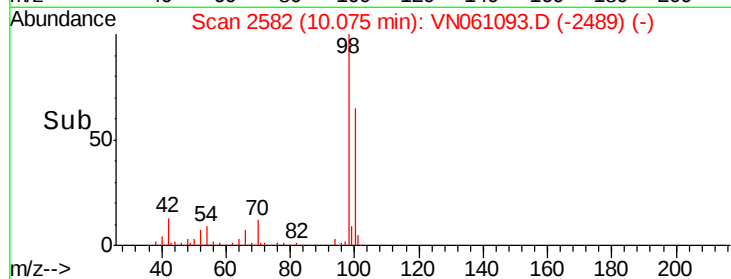
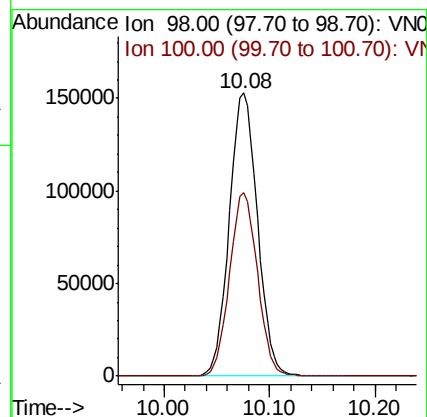
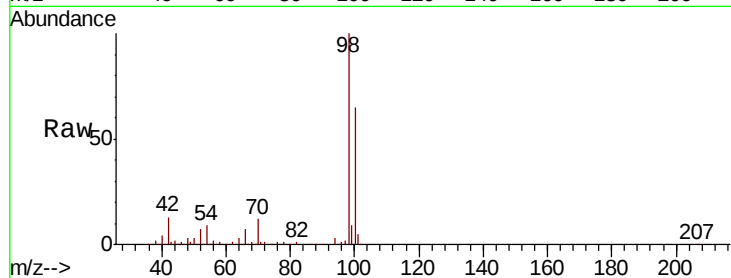
ClientSampleId :

Tot Ion: 98 Resp: 283072

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.476 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN061093.D

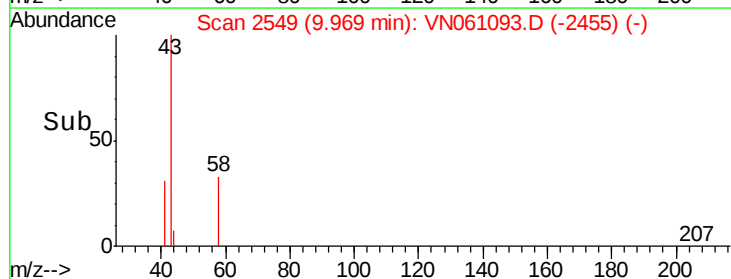
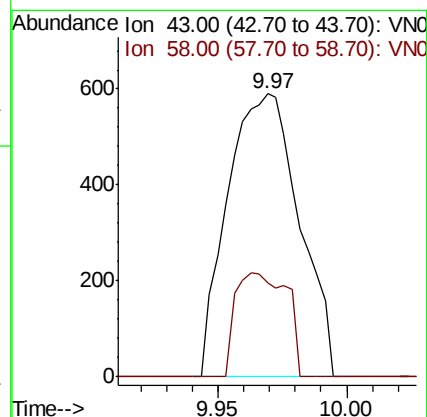
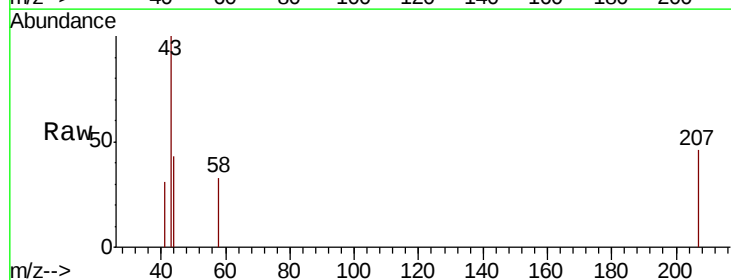
Acq: 20 Apr 2020 11:28

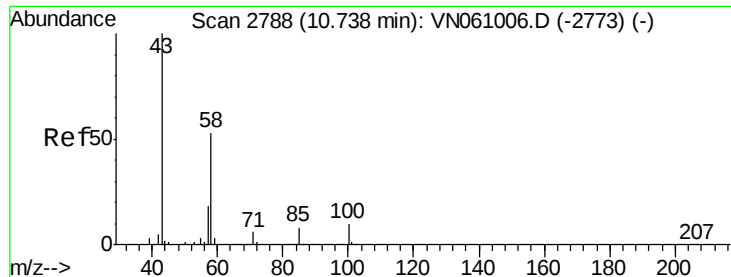
Tgt Ion: 43 Resp: 1142

Ion Ratio Lower Upper

43 100

58 26.4 30.3 45.5#

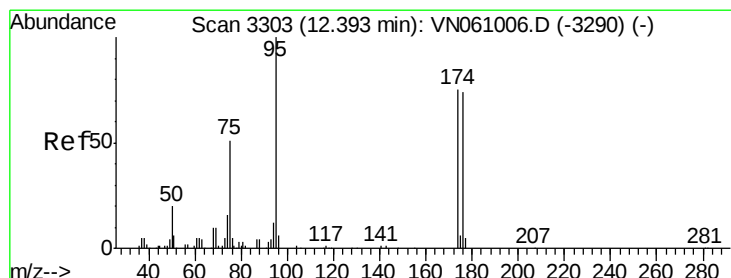
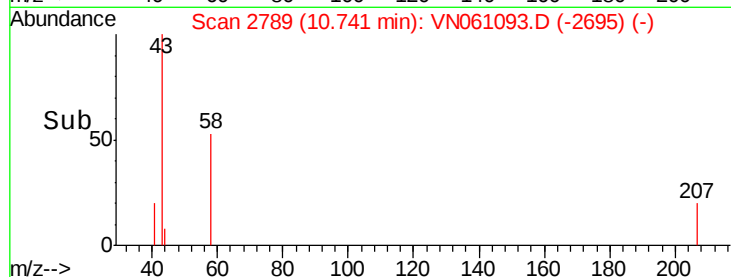
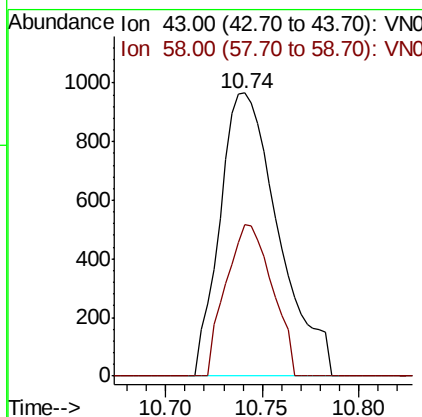
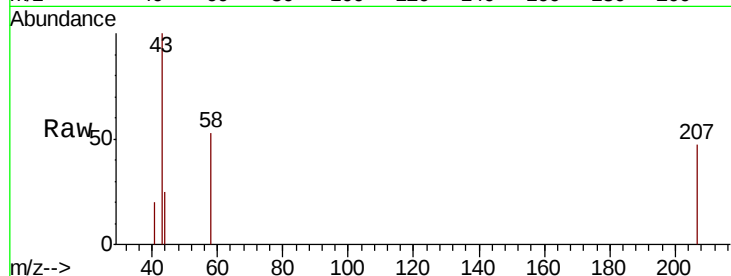




#59
2-Hexanone
Concen: 1.174 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN061093.D
Acq: 20 Apr 2020 11:28

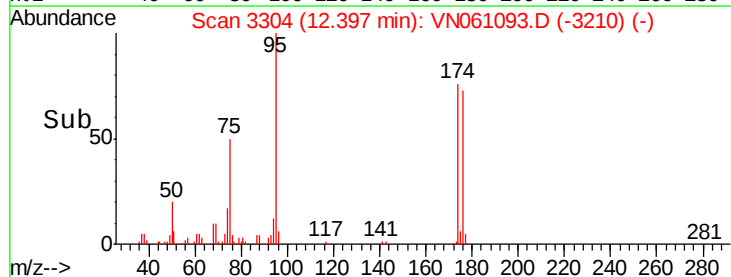
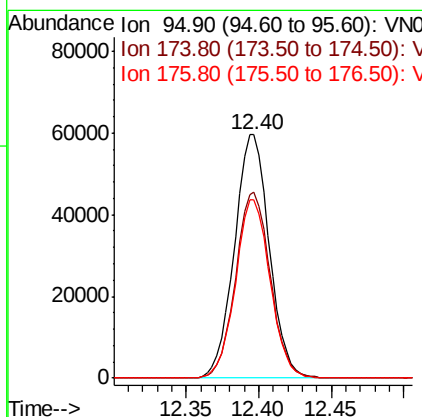
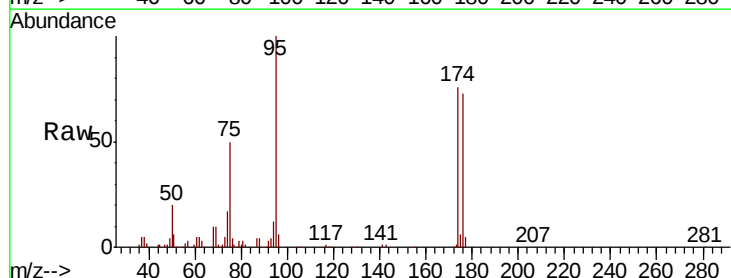
Instrument :
MSVOA_N
ClientSampled :

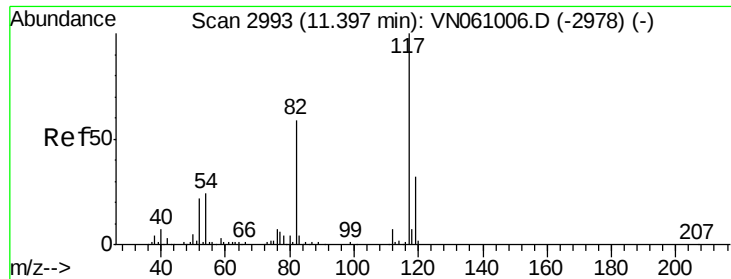
Tot Ion: 43 Resp: 2034
Ion Ratio Lower Upper
43 100
58 42.2 26.4 79.0



#62
4-Bromofluorobenzene
Concen: 50.312 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN061093.D
Acq: 20 Apr 2020 11:28

Tgt Ion: 95 Resp: 99480
Ion Ratio Lower Upper
95 100
174 75.9 0.0 151.2
176 72.9 0.0 148.2

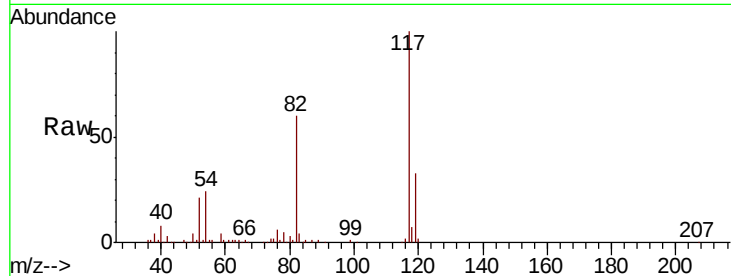




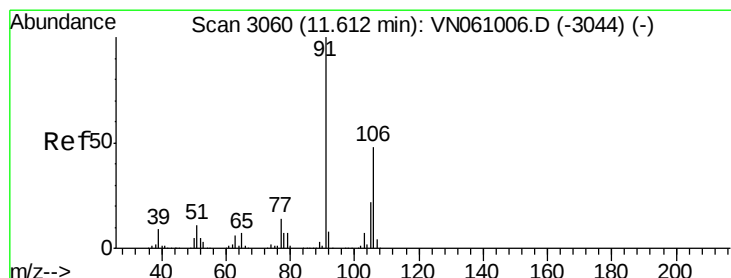
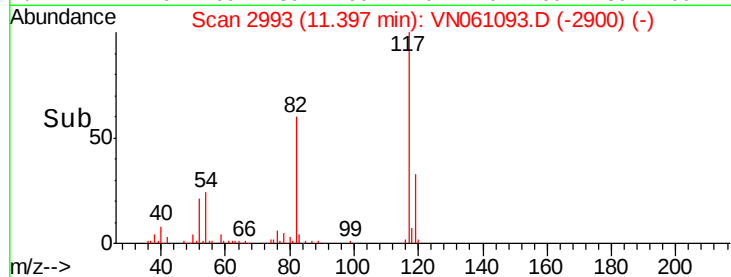
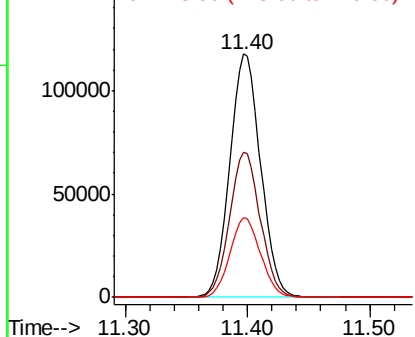
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061093.D
Acq: 20 Apr 2020 11:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 207159
Ion Ratio Lower Upper
117 100
82 59.8 47.1 70.7
119 32.6 25.7 38.5

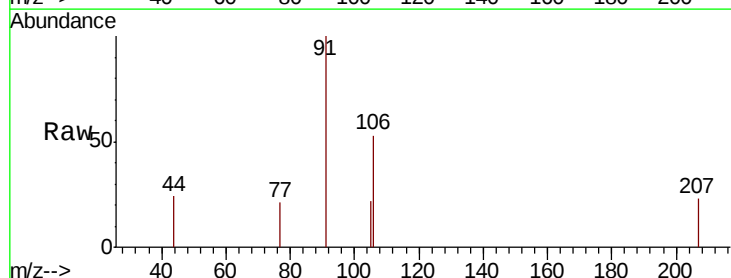


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

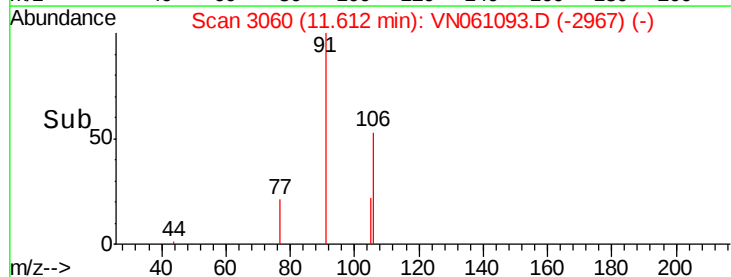
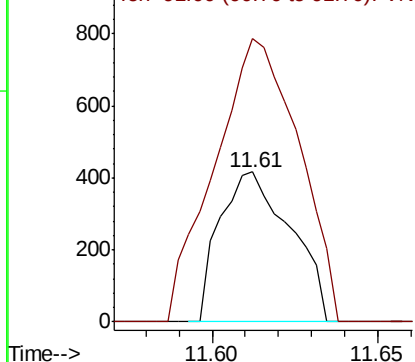


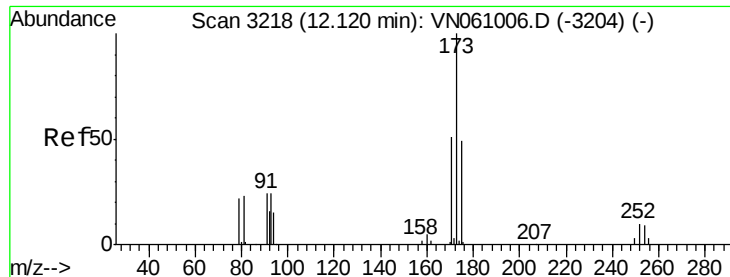
#68
m/p-Xylenes
Concen: 0.214 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061093.D
Acq: 20 Apr 2020 11:28

Tgt Ion:106 Resp: 621
Ion Ratio Lower Upper
106 100
91 223.5 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

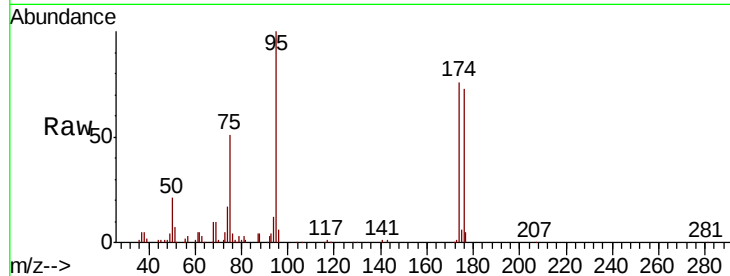




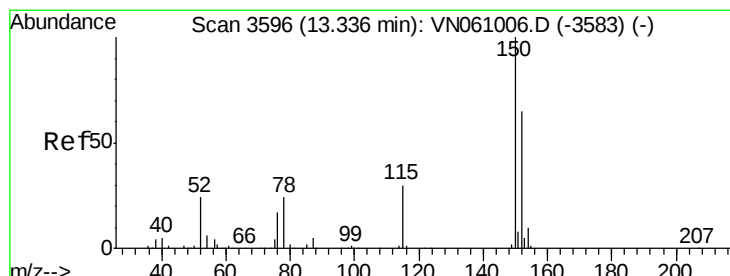
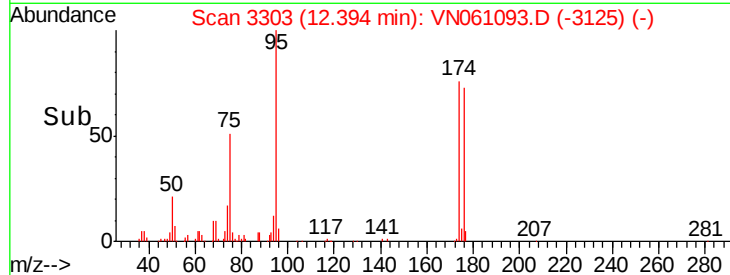
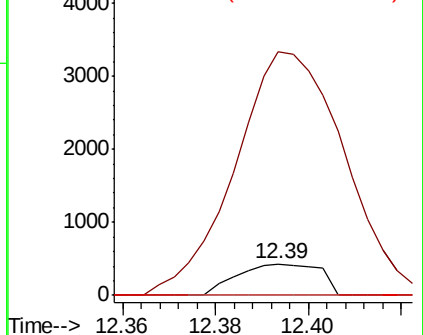
#71
Bromoform
Concen: 0.470 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN061093.D
Acq: 20 Apr 2020 11:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 537
Ion Ratio Lower Upper
173 100
175 879.9 24.5 73.5#
254 0.0 0.0 0.0

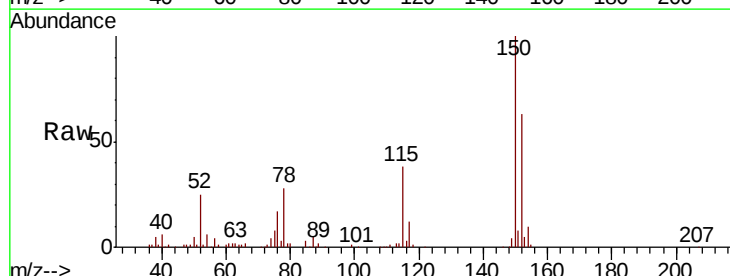


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

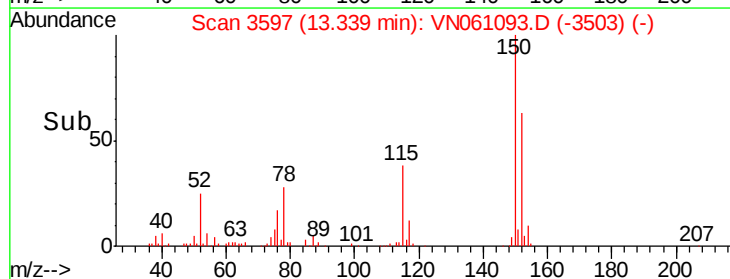
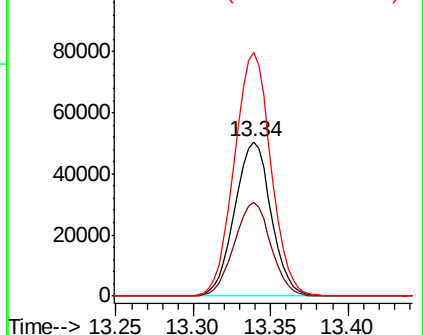


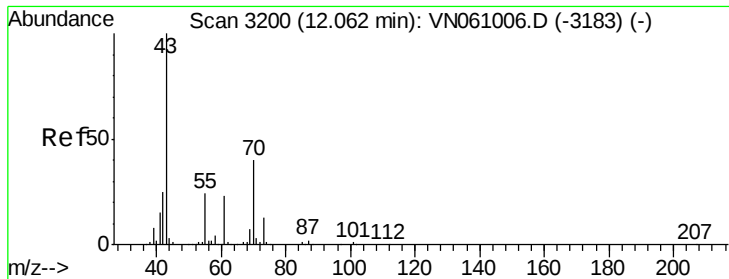
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061093.D
Acq: 20 Apr 2020 11:28

Tgt Ion:152 Resp: 82707
Ion Ratio Lower Upper
152 100
115 61.1 30.8 92.4
150 158.6 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-amyl acetate

Concen: 0.347 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061093.D

Acq: 20 Apr 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 1070

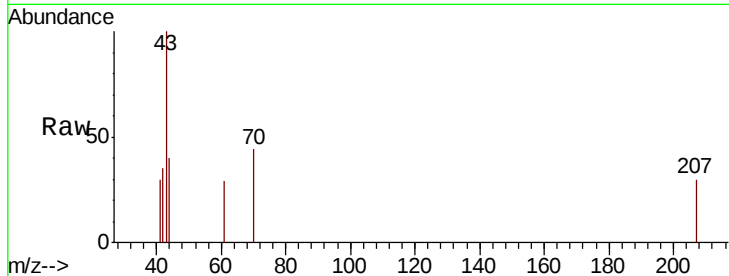
Ion Ratio Lower Upper

43 100

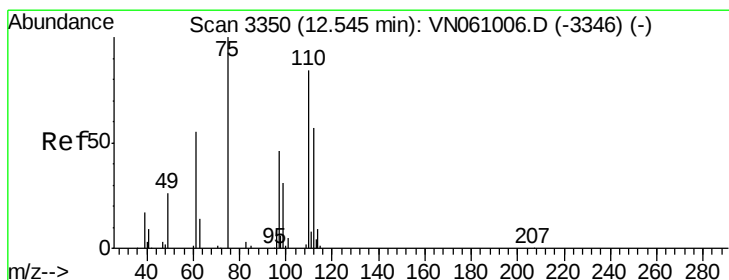
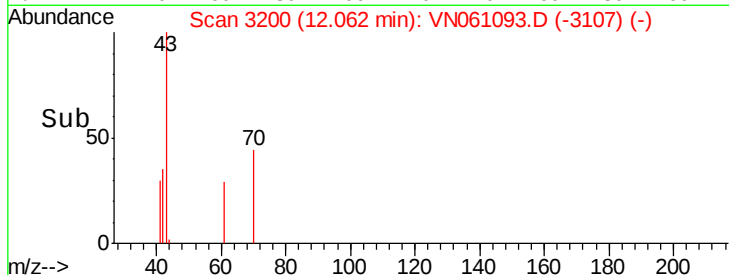
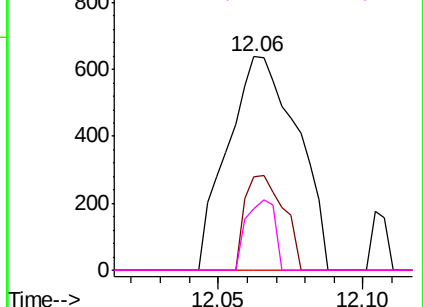
70 24.6 31.0 46.6#

55 0.0 18.6 27.8#

61 13.4 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: 27.703 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061093.D

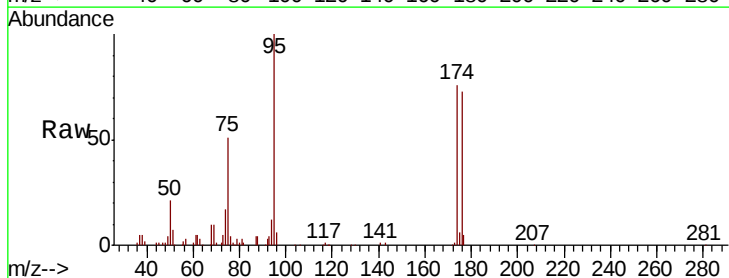
Acq: 20 Apr 2020 11:28

Tgt Ion: 75 Resp: 50397

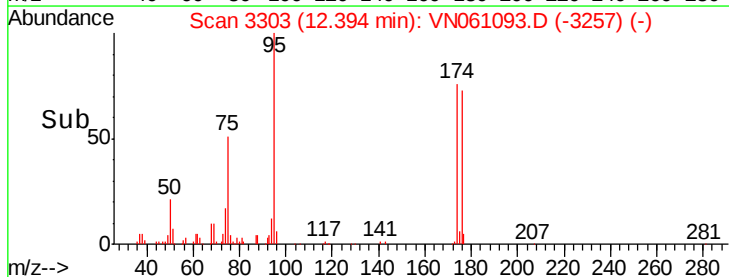
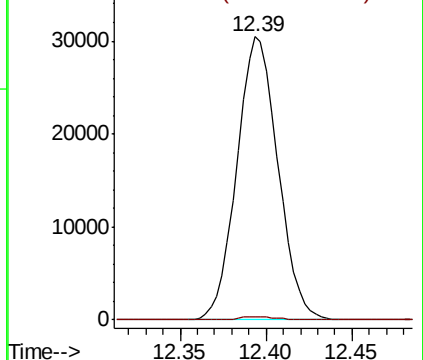
Ion Ratio Lower Upper

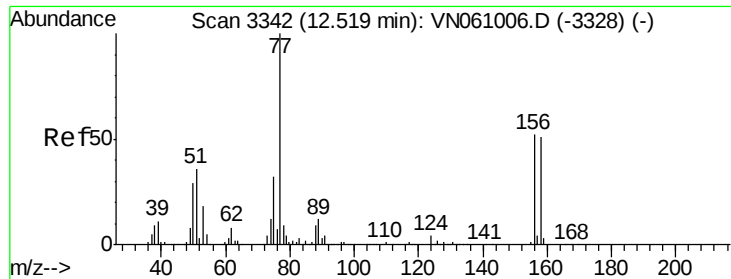
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 0.260 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061093.D

Acq: 20 Apr 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

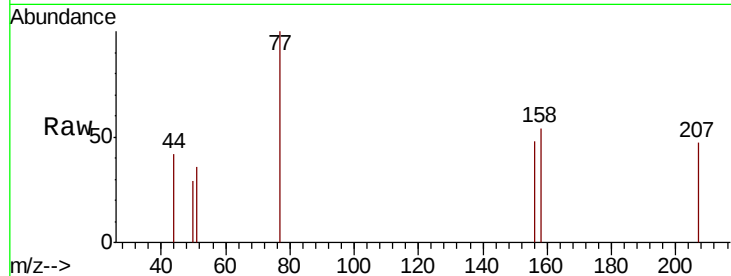
Tot Ion:156 Resp: 402

Ion Ratio Lower Upper

156 100

77 202.5 115.6 346.8

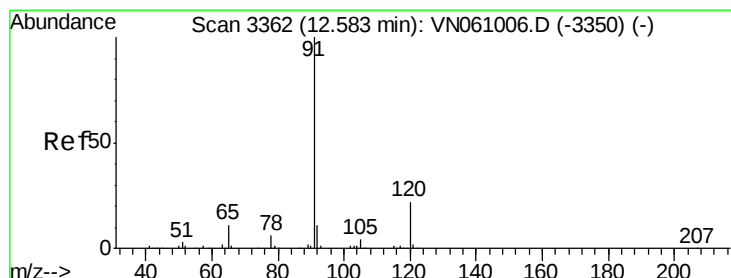
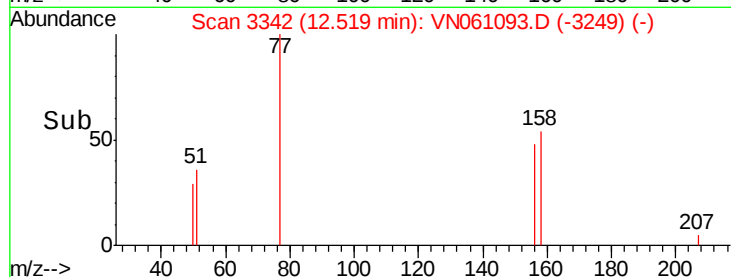
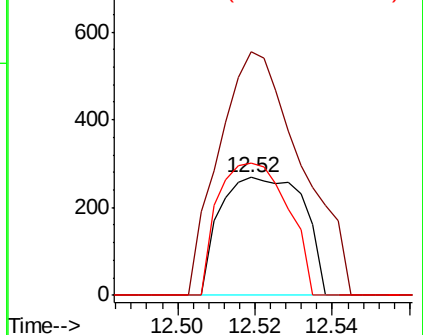
158 94.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.242 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN061093.D

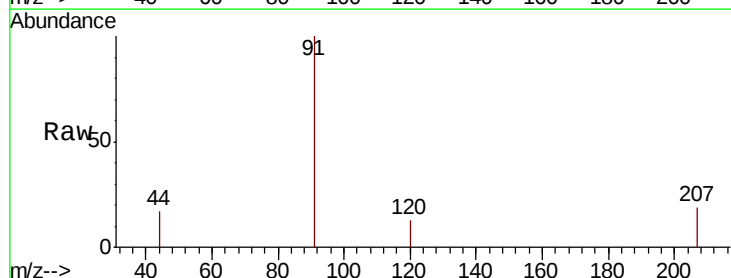
Acq: 20 Apr 2020 11:28

Tgt Ion: 91 Resp: 1873

Ion Ratio Lower Upper

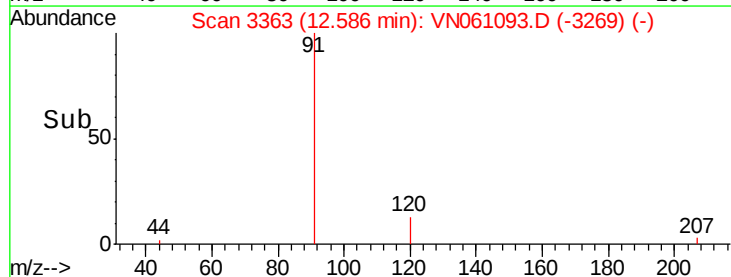
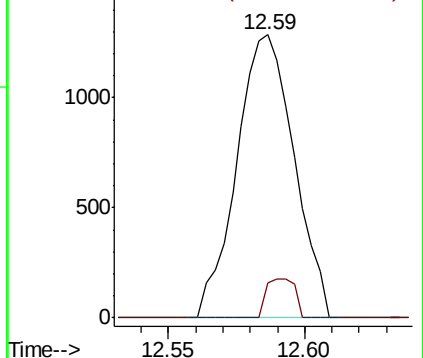
91 100

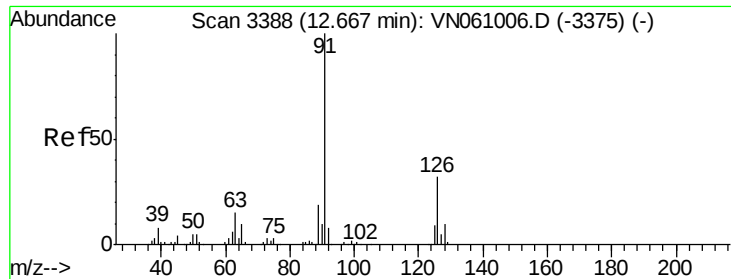
120 6.9 10.9 32.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

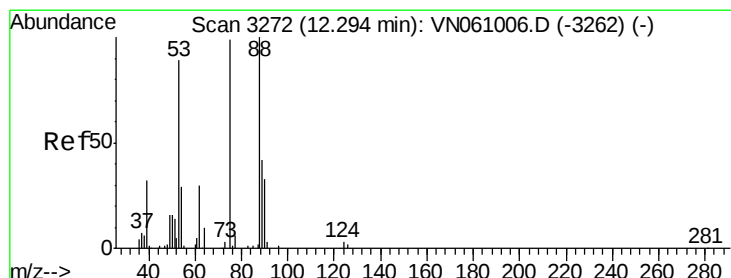
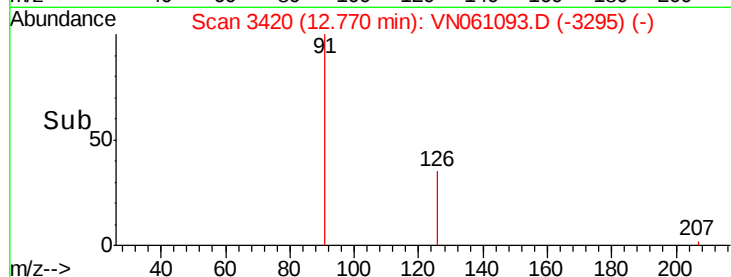
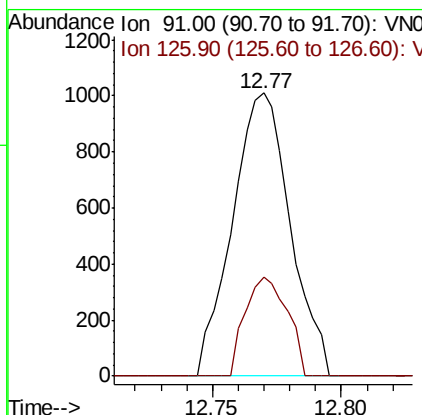
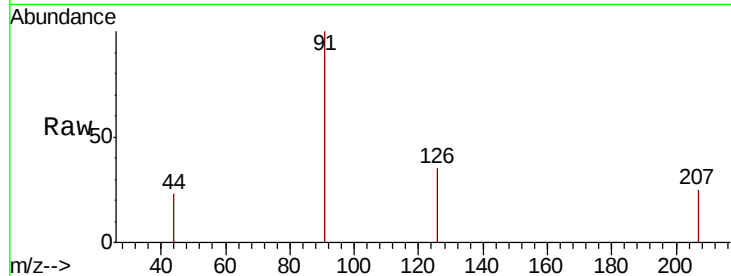




#79
 2-Chlorotoluene
 Concen: 0.348 ug/l
 RT: 12.77 min Scan# 3420
 Delta R.T. 0.10 min
 Lab File: VN061093.D
 Acq: 20 Apr 2020 11:28

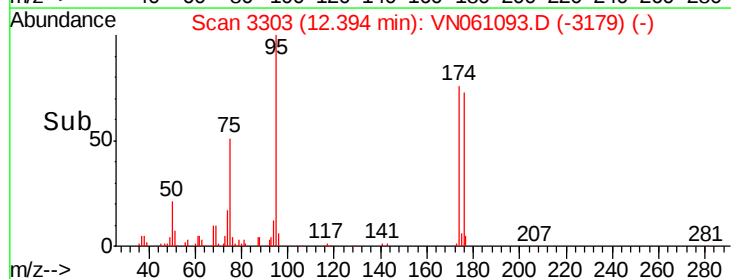
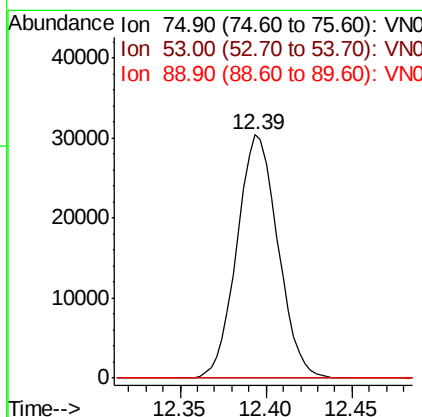
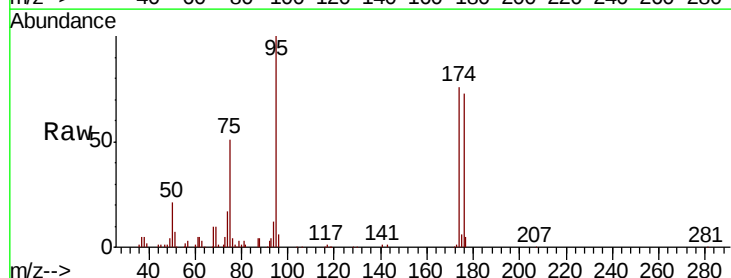
Instrument :
 MSVOA_N
 ClientSampled :

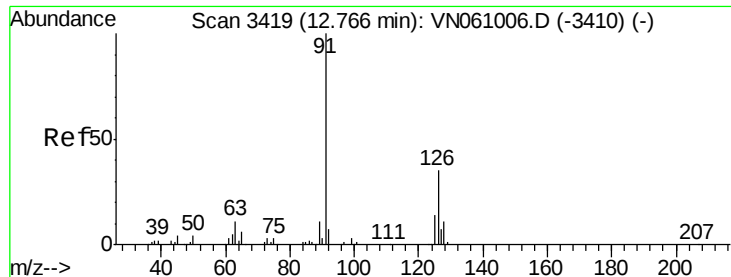
Tot Ion: 91 Resp: 1584
 Ion Ratio Lower Upper
 91 100
 126 25.7 16.1 48.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.331 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.10 min
 Lab File: VN061093.D
 Acq: 20 Apr 2020 11:28

Tgt Ion: 75 Resp: 50397
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.0 34.6 52.0#

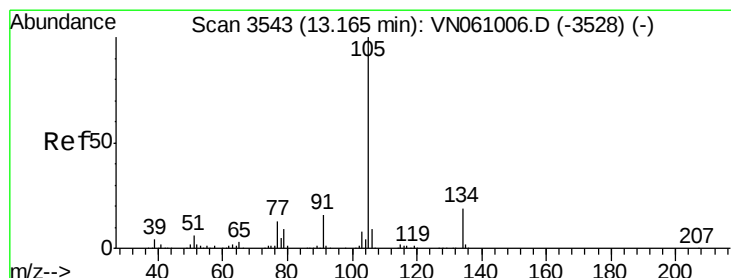
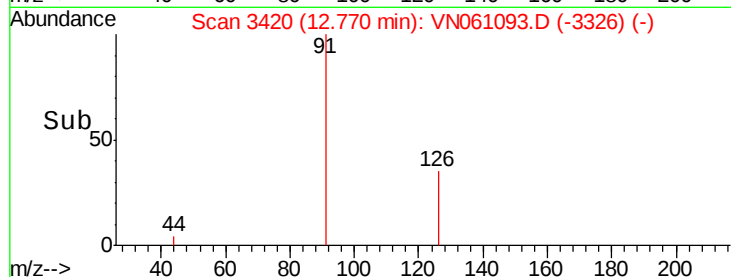
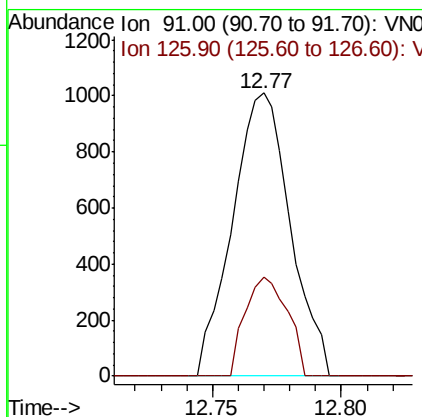
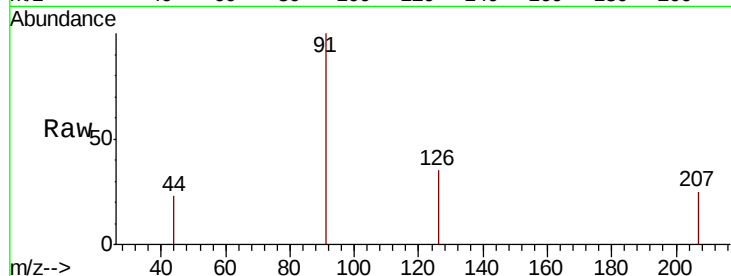




#82
4-Chlorotoluene
Concen: 0.336 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN061093.D
Acq: 20 Apr 2020 11:28

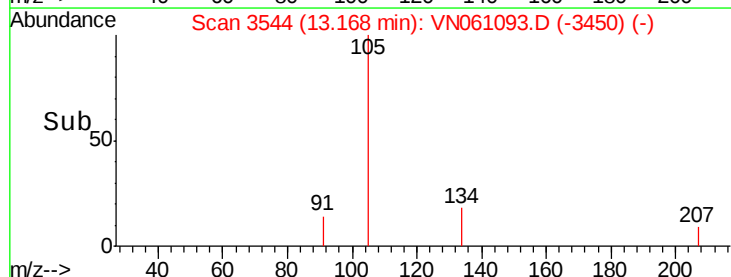
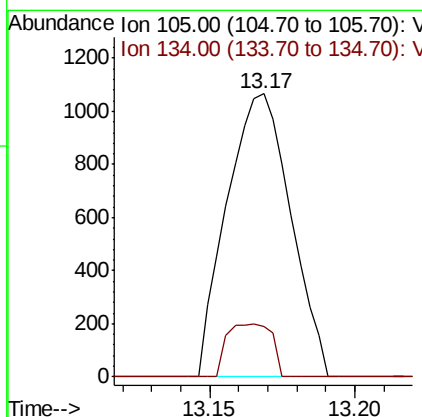
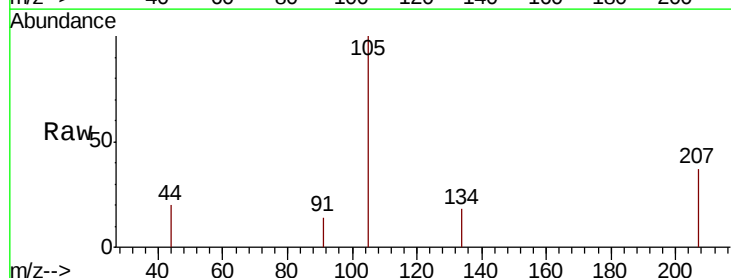
Instrument :
MSVOA_N
ClientSampled :

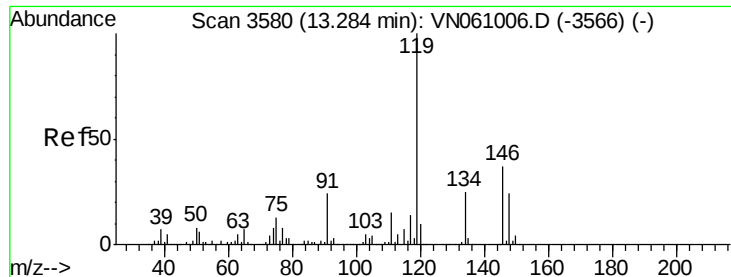
Tot Ion: 91 Resp: 1584
Ion Ratio Lower Upper
91 100
126 25.7 15.9 47.6



#85
sec-Butylbenzene
Concen: 0.262 ug/l
RT: 13.17 min Scan# 3544
Delta R.T. 0.00 min
Lab File: VN061093.D
Acq: 20 Apr 2020 11:28

Tgt Ion: 105 Resp: 1632
Ion Ratio Lower Upper
105 100
134 13.1 9.5 28.5

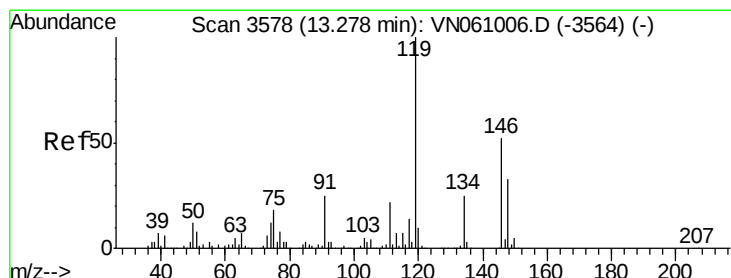
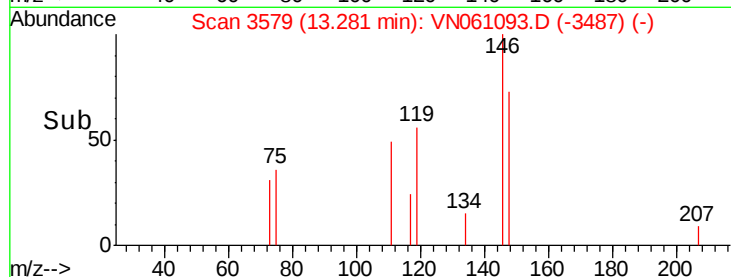
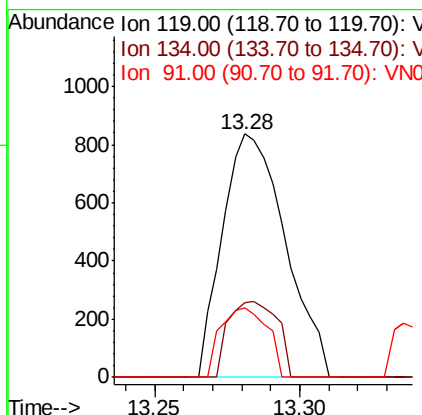
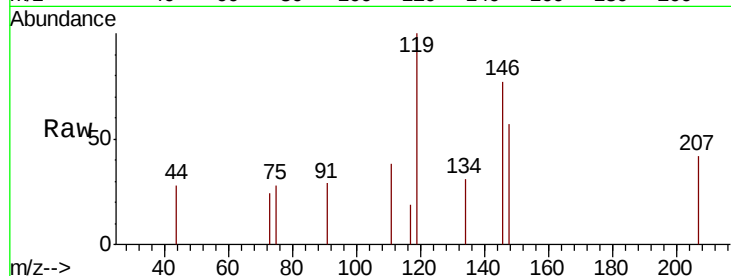




#86
 p-Isopropyltoluene
 Concen: 0.227 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN061093.D
 Acq: 20 Apr 2020 11:28

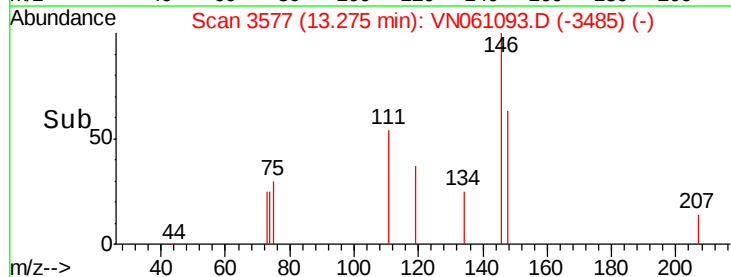
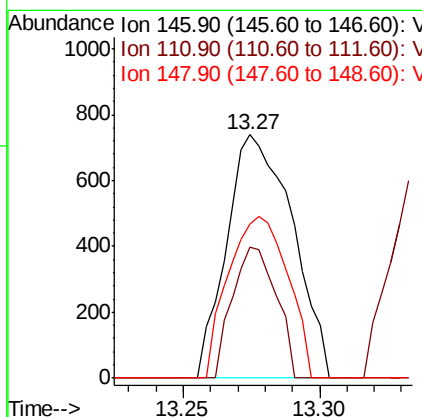
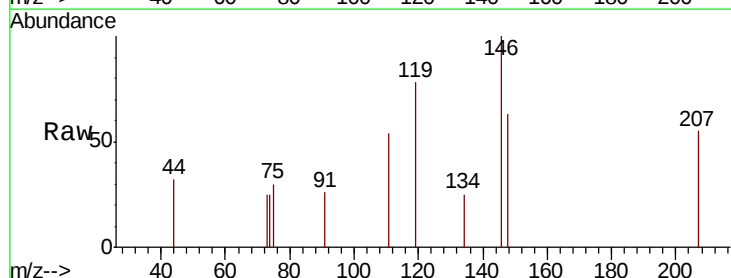
Instrument :
 MSVOA_N
 ClientSampled :

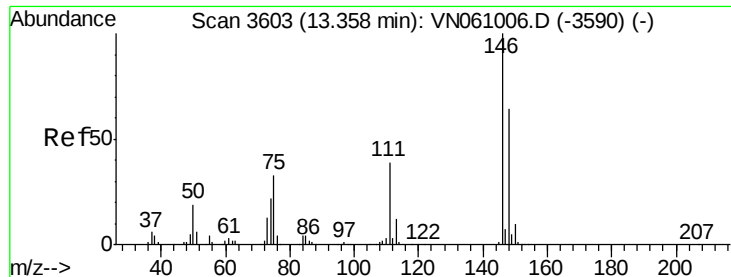
Tot Ion	Ratio	Lower	Upper
119	100		
134	24.2	12.8	38.4
91	21.2	12.3	36.8



#87
 1,3-Dichlorobenzene
 Concen: 0.449 ug/l
 RT: 13.27 min Scan# 3577
 Delta R.T. -0.00 min
 Lab File: VN061093.D
 Acq: 20 Apr 2020 11:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	20.6	61.8
148	60.2	31.8	95.3

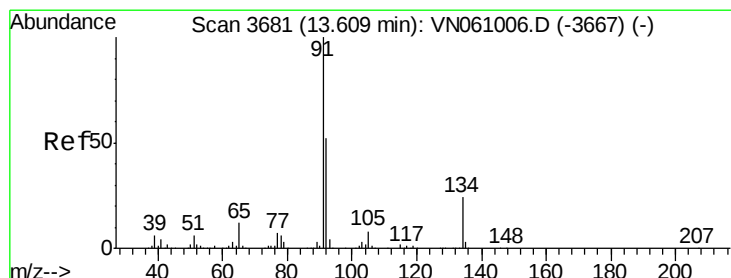
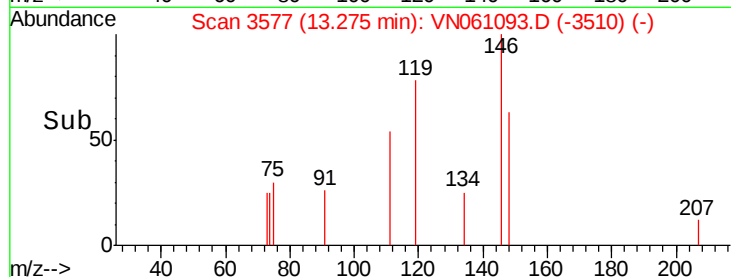
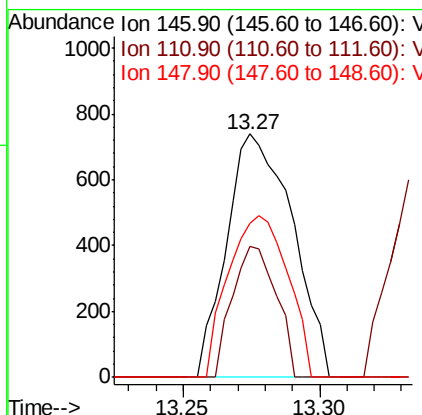
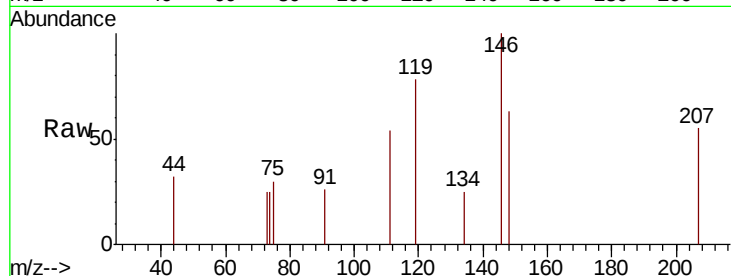




#88
 1,4-Dichlorobenzene
 Concen: 0.446 ug/l
 RT: 13.27 min Scan# 3577
 Delta R.T. -0.08 min
 Lab File: VN061093.D
 Acq: 20 Apr 2020 11:28

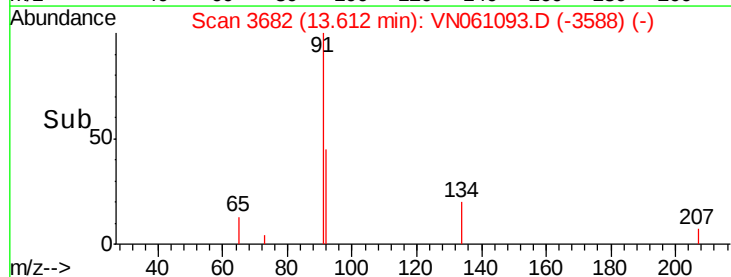
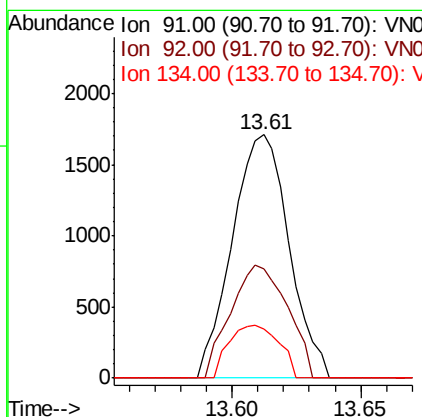
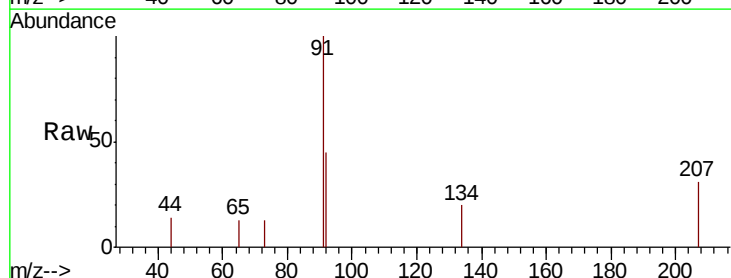
Instrument :
 MSVOA_N
 ClientSampleId :

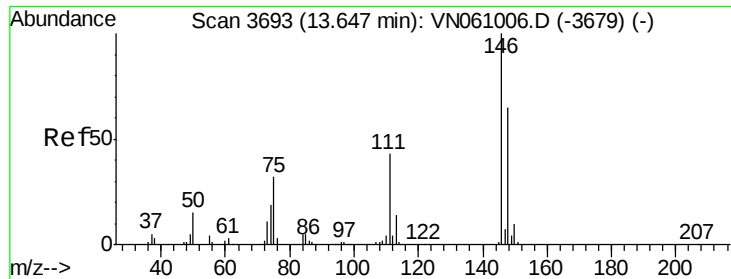
Tot Ion	Ratio	Lower	Upper
146	100		
111	35.8	20.1	60.3
148	60.2	32.1	96.3



#89
 n-Butylbenzene
 Concen: 0.506 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN061093.D
 Acq: 20 Apr 2020 11:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	46.6	26.1	78.2
134	19.1	12.3	36.8





#91

1,2-Dichlorobenzene

Concen: 0.466 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. 0.00 min

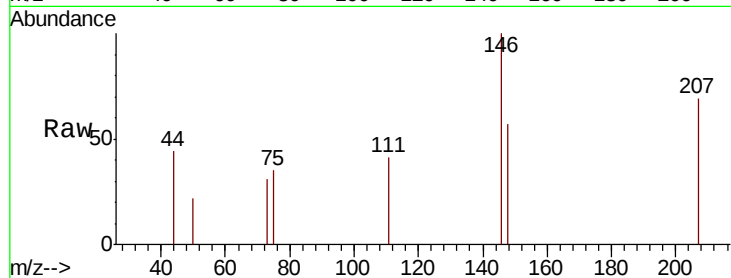
Lab File: VN061093.D

Acq: 20 Apr 2020 11:28

Instrument :

MSVOA_N

ClientSampled :



Tot Ion:146 Resp: 1226

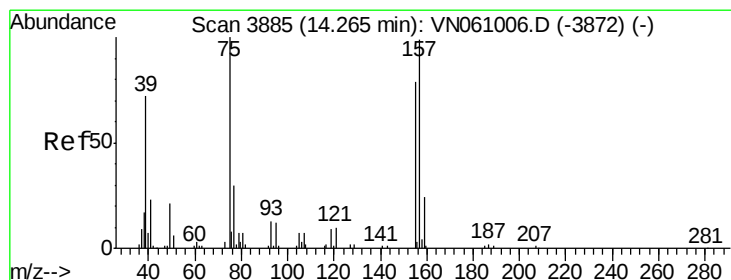
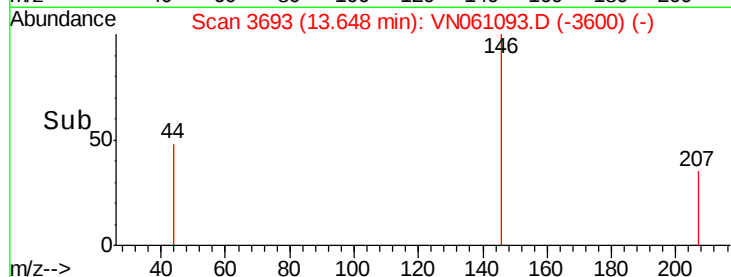
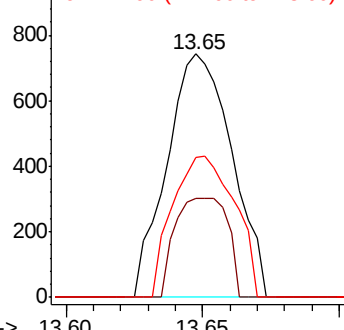
Ion Ratio Lower Upper

146 100

111 32.9 21.3 64.0

148 55.5 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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.450 ug/l

RT: 14.26 min Scan# 3884

Delta R.T. -0.00 min

Lab File: VN061093.D

Acq: 20 Apr 2020 11:28

Tgt Ion: 75 Resp: 176

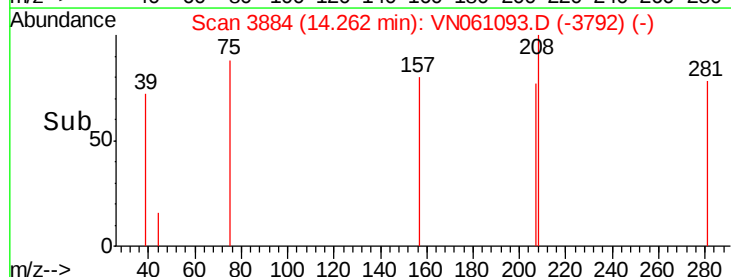
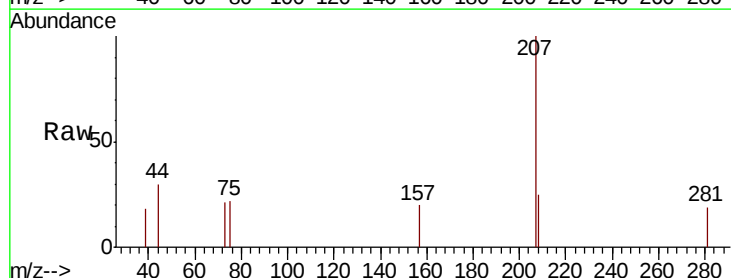
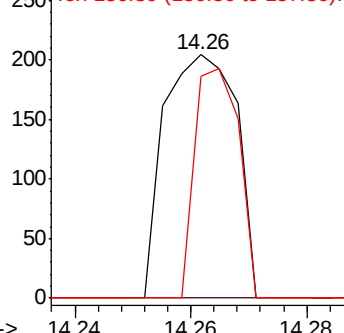
Ion Ratio Lower Upper

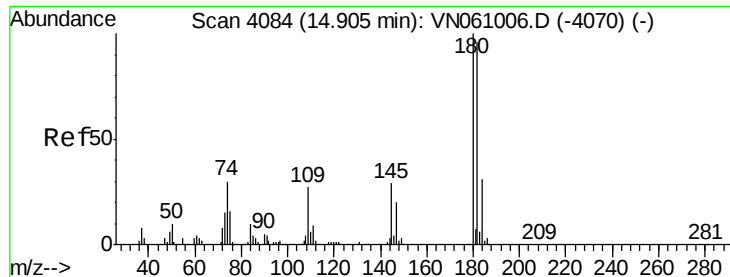
75 100

155 0.0 39.5 118.5#

157 58.0 50.1 150.4

Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

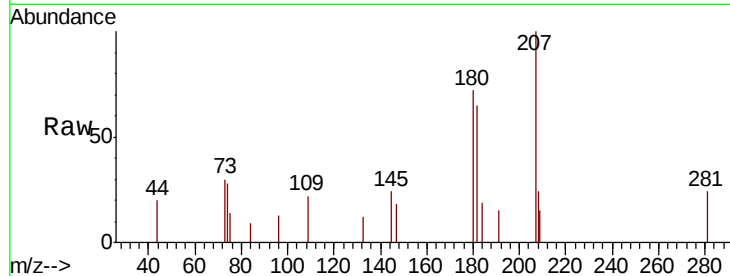




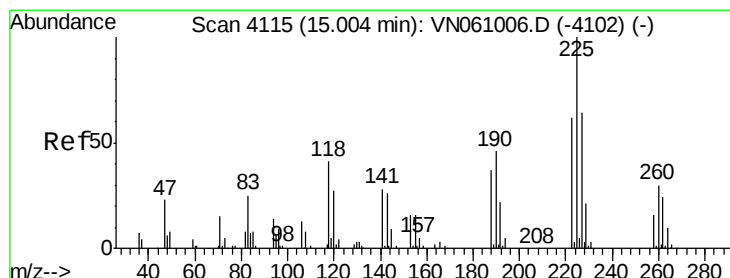
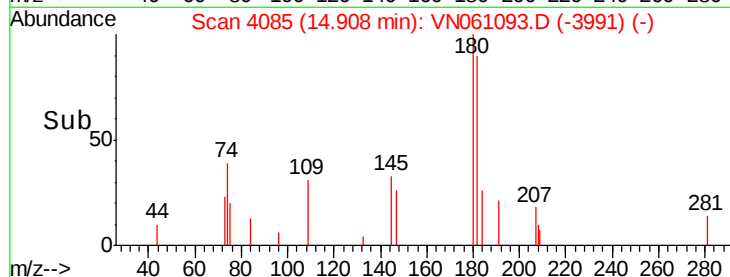
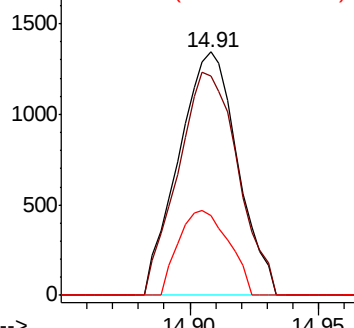
#93
 1,2,4-Trichlorobenzene
 Concen: 1.373 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN061093.D
 Acq: 20 Apr 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 2138
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.8 143.3
 145 29.7 15.3 45.8

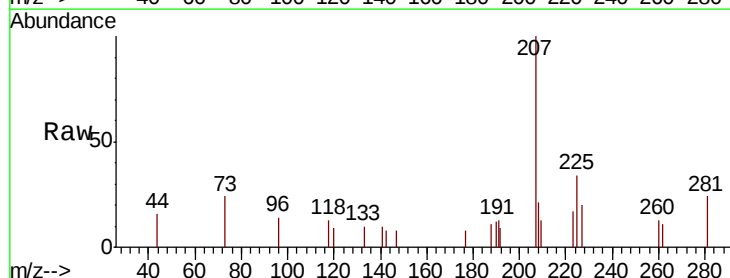


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

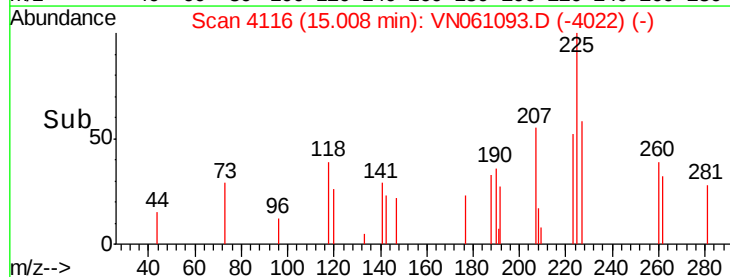
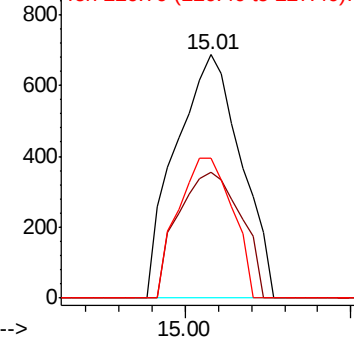


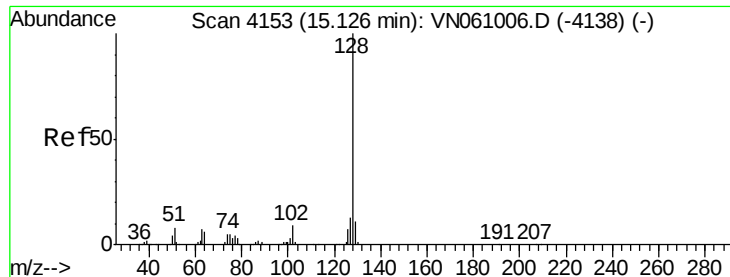
#94
 Hexachlorobutadiene
 Concen: 1.171 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN061093.D
 Acq: 20 Apr 2020 11:28

Tgt Ion:225 Resp: 938
 Ion Ratio Lower Upper
 225 100
 223 49.7 31.3 93.8
 227 47.9 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: 2.238 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN061093.D

Acq: 20 Apr 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

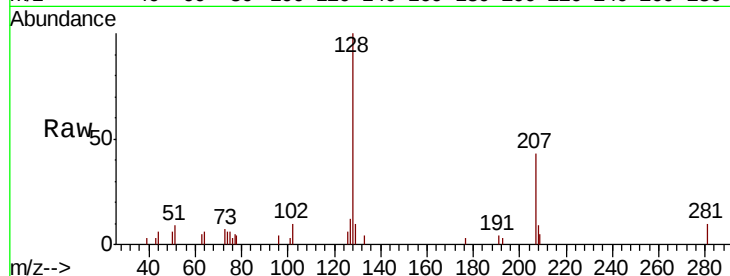
Tot Ion:128 Resp: 10167

Ion Ratio Lower Upper

128 100

127 11.3 10.2 15.4

129 9.7 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

15.13

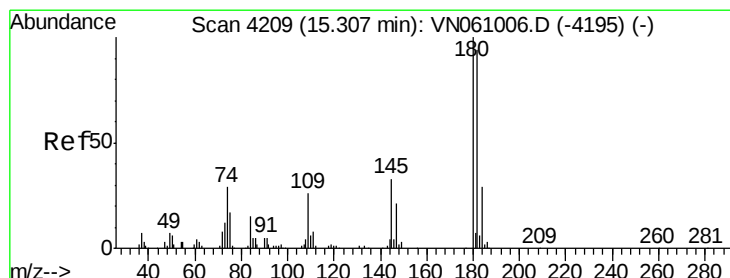
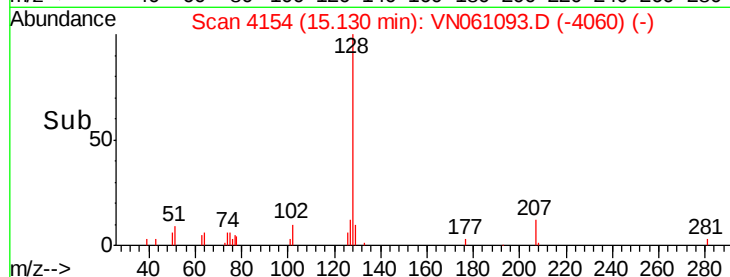
6000

4000

2000

0

Time--> 15.05 15.10 15.15 15.20



#96

1,2,3-Trichlorobenzene

Concen: 1.798 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN061093.D

Acq: 20 Apr 2020 11:28

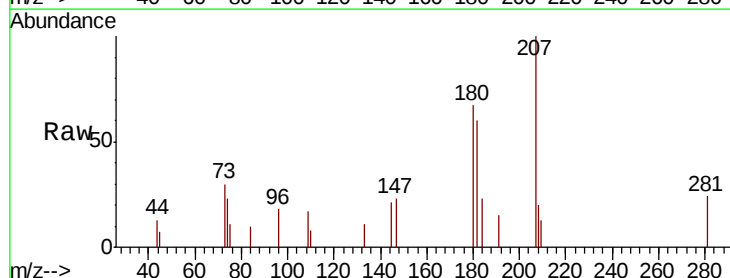
Tgt Ion:180 Resp: 2699

Ion Ratio Lower Upper

180 100

182 95.9 47.6 142.8

145 32.6 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

15.31

2000

1500

1000

500

0

Time--> 15.25 15.30 15.35

